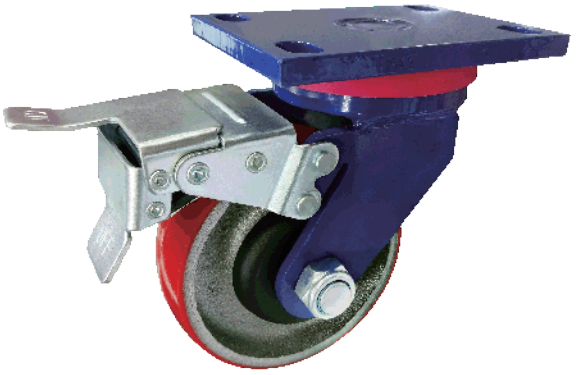
1102 Series B Type Caster

- Swivel easily under heavy load, ideal for heavy-duty workshop trucks in automobile, glass, textile industries, etc. Patented thread guards and dust covers prevent swivel failure caused by build-up of strings between the wheel and fork legs, as well as the dust in the wheel bearing.

Load 200-2500kg

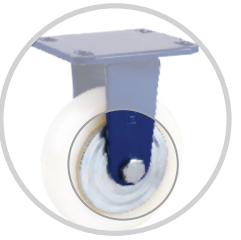


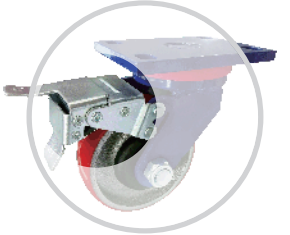


Features


Center Lock Brake


Thread guard specially for textfile industry(optional)


Metal Thread Guard(optional)


Swivel W/Center lock(AK type) Plastic Thread Guard(optional)


Different PU tread handness available

Wheel Options


PU on Cast


Rubber on Cast


NBR Rubber on Cast


Nylon


WMRC


QPU


Ball Bearing


PU on AL Core


CPD


Cast Iron


Non-marking Rubber on Cast


EQPU


PU on Cast (2050A/2050B)


ZQPU (Dual Wheels)


VPU


EPU


VQPU


VXPU on Iron Core


Recilent rubber on AL Core


Non - marking NBR Rubber on Cast


QPU on AL Core

TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
4"	90 x 120 mm (3-17/32" x 4-23/32")	60 x 90 mm (2-3/8" x 3-17/32")	11 mm (7/16")
5,6,8"	110 x 140 mm (4-11/32" x 5-1/2")	75 x 110 mm (2-15/16" x 4-11/32")	12 mm (1/2")
	110 x 140 mm (4-11/32" x 5-1/2")	80 x 105 mm (3-5/32" x 4-1/8")	12 mm (1/2")
	130 x 130 mm (5-1/8" x 5-1/8")	105 x 105 mm (4-1/8" x 4-1/8")	9 mm (3/8")
	130 x 130 mm (5-1/8" x 5-1/8")	105 x 105 mm (4-1/8" x 4-1/8")	12 mm (1/2")
	130 x 165 mm (5-1/8" x 6-1/2")	100 x 130 mm (3-15/16" x 5-1/8")	12 mm (1/2")
	114 x 159 mm (4-1/2" x 6-1/4")	73.8 x 129.4 mm (2-29/32" x 5-3/32")	12 mm (1/2")
10"	130 x 167 mm (5-1/8" x 6-9/16")	85 x 140 mm (3-11/32" x 5-1/2")	12 mm (1/2")
	110 x 175 mm (4-11/32" x 6-7/8")	65 x 140 mm (2-9/16" x 5-1/2")	12 mm (1/2")
12"	130 x 167 mm (5-1/8" x 6-9/16")	85 x 140 mm (3-11/32" x 5-1/2")	12 mm (1/2")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
93mm x 28mm (3-21/32"x1-3/32")	400 kgs (880 lbs)	Cast Iron	1102-04-14-1	1102-04-14-2	1102-04-14-4	滾珠軸承 Ball Bearing	143.5mm (5-21/32")	活動 87mm Swivel 87mm
100mm x 32mm (4"x1-1/4")	250 kgs (550 lbs)	Nylon	1102-04-07-1	1102-04-07-2	1102-04-07-4	滾珠軸承 Ball Bearing	147mm (5-25/32")	活動 92 mm Swivel 92mm AK煞 148 mm Swivel W/AK Lock Brake 148mm
	200 kgs (440 lbs)	CPD	1102-04-49-1	1102-04-49-2	1102-04-49-4			
100mm x 34mm (4"x1-3/8")	335 kgs (735 lbs)	QPU (Round)	1102-04-80-1	1102-04-80-2	1102-04-80-4			
	385 kgs (845 lbs)	QPU (Flat)	1102-04-80-1	1102-04-80-2	1102-04-80-4			
100mm x 36mm (4"x1-7/16")	250 kgs (550 lbs)	PU on Cast	1102-04-33-1	1102-04-33-2	1102-04-33-4			
	200 kgs (440 lbs)	Rubber on Cast	1102-04-03-1	1102-04-03-2	1102-04-03-4			
	250 kgs (550 lbs)	PU on AL Core (Round)	1102-04-108-1	1102-04-108-2	1102-04-108-4			
	300 kgs (660 lbs)	QPU on AL Core (Round)	1102-04-87-1	1102-04-87-2	1102-04-87-4			
100mm x 38mm (4"x1-1/2")	200 kgs (440 lbs)	NBR Rubber on Cast	1102-04-04-1	1102-04-04-2	1102-04-04-4			
	200 kgs (440 lbs)	Non-marking Rubber on Cast	1102-04-11-1	1102-04-11-2	1102-04-11-4			
	200 kgs (440 lbs)	Non-marking NBR Rubber on Cast	1102-04-90-1	1102-04-90-2	1102-04-90-4			
100mm x 40mm (4"x1-9/16")	275 kgs (600 lbs)	PU on AL Core (Round)	1102-04-108-1	1102-04-108-2	1102-04-108-4			
	200 kgs (440 lbs)	Recilent rubber on AL Core	1102-04-89-1	1102-04-89-2	1102-04-89-4			
	325 kgs (715 lbs)	QPU on AL Core (Round)	1102-04-87-1	1102-04-87-2	1102-04-87-4			
100mm x 46.5mm (4"x1-13/16")	335 kgs (735 lbs)	ZQPU (Dual Wheels)	1102-04-101-1	1102-04-101-2	1102-04-101-4			
122mm x 36.5mm (4-13/16"x1-7/16")	600 kgs (1320 lbs)	Cast Iron	1102-05-14-1	1102-05-14-2	1102-05-14-4	滾珠軸承 Ball Bearing	168.5mm (6-5/8")	活動 103 mm Swivel 103mm

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
125mm x 40mm (5"x1-9/16")	340 kgs (750 lbs)	PU on Cast	1102-05-33-1	1102-05-33-2	1102-05-33-4	Ball Bearing	170mm (6-11/16")	Swivel 107mm Swivel W/AK Lock Brake 158mm
	220 kgs (485 lbs)	Rubber on Cast	1102-05-03-1	1102-05-03-2	1102-05-03-4			
	300 kgs (660 lbs)	Nylon	1102-05-07-1	1102-05-07-2	1102-05-07-4			
	300 kgs (660 lbs)	PU on AL Core (Round)	1102-05-108-1	1102-05-108-2	1102-05-108-4			
	250 kgs (550 lbs)	QPU on AL Core (Round)	1102-05-87-1	1102-05-87-2	1102-05-87-4			
	350 kgs (770 lbs)	NBR Rubber on Cast	1102-05-04-1	1102-05-04-2	1102-05-04-4			
	250 kgs (550 lbs)	CPD	1102-05-49-1	1102-05-49-2	1102-05-49-4			
	250 kgs (550 lbs)	Non-marking Rubber on Cast	1102-05-11-1	1102-05-11-2	1102-05-11-4			
	250 kgs (550 lbs)	Non-marking NBR Rubber on Cast	1102-05-90-1	1102-05-90-2	1102-05-90-4			
	300 kgs (660 lbs)	Recilent rubber on AL Core	1102-05-89-1	1102-05-89-2	1102-05-89-4			
	450 kgs (990 lbs)	QPU (Round)	1102-05-80-1	1102-05-80-2	1102-05-80-4			
	500 kgs (1100 lbs)	QPU (Flat)	1102-05-80-1	1102-05-80-2	1102-05-80-4			
	340 kgs (750 lbs)	EPU (Round Shape)	1102-05-78-1	1102-05-78-2	1102-05-78-4			
	390 kgs (860 lbs)	EPU (Flat Shape)	1102-05-78-1	1102-05-78-2	1102-05-78-4			
	450 kgs (990 lbs)	EQPU (Round Shape)	1102-05-81-1	1102-05-81-2	1102-05-81-4			
	500 kgs (1100 lbs)	EQPU (Flat Shape)	1102-05-81-1	1102-05-81-2	1102-05-81-4			
125mm x 50mm (5" x 2")	400 kgs (880 lbs)	PU on AL Core (Flat)	1102-05-108-1	1102-05-108-2	1102-05-108-4	Ball Bearing	170mm (6-11/16")	Swivel 107mm Swivel W/AK Lock Brake 158mm
	450 kgs (990 lbs)	QPU on AL Core (Flat)	1102-05-87-1	1102-05-87-2	1102-05-87-4			
125mm x 51mm (5" x 2")	450 kgs (990 lbs)	ZQPU (Dual Wheels)	1102-05-101-1	1102-05-101-2	1102-05-101-4			
138mm x 36.5mm (5-7/16"x1-7/16")	700 kgs (1540 lbs)	Cast Iron	1102-06-14-1	1102-06-14-2	—	Ball Bearing	191mm (7-17/32")	Swivel 111mm
150mm x 40mm (6"x1-9/16")	350 kgs (770 lbs)	NBR Rubber on Cast	1102-06-04-1	1102-06-04-2	1102-06-04-4	Ball Bearing	197mm (7-3/4")	Swivel 119mm Swivel W/AK Lock Brake 160mm
	400 kgs (880 lbs)	Nylon	1102-06-07-1	1102-06-07-2	1102-06-07-4			
	350 kgs (770 lbs)	CPD	1102-06-49-1	1102-06-49-2	1102-06-49-4			
	300 kgs (660 lbs)	Non-marking Rubber on Cast	1102-06-11-1	1102-06-11-2	1102-06-11-4			
	300 kgs (660 lbs)	Non-marking NBR Rubber on Cast	1102-06-90-1	1102-06-90-2	1102-06-90-4			
	350 kgs (770 lbs)	Recilent rubber on AL Core	1102-06-89-1	1102-06-89-2	1102-06-89-4			
	400 kgs (880 lbs)	WMRC	1102-06-45-1	1102-06-45-2	1102-06-45-4			

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
150mm x 42mm (6"x1-5/8")	410 kgs (900 lbs)	PU on Cast	1102-06-33-1	1102-06-33-2	1102-06-33-4	Ball Bearing	197mm (7-3/4")	Swivel 119mm Swivel W/AK Lock Brake 160mm
	400 kgs (880 lbs)	PU on AL Core (Round)	1102-06-108-1	1102-06-108-2	1102-06-108-4			
	450 kgs (990 lbs)	QPU on AL Core (Round)	1102-06-87-1	1102-06-87-2	1102-06-87-4			
	550 kgs (1200 lbs)	QPU (Round)	1102-06-80-1	1102-06-80-2	1102-06-80-4			
	600 kgs (1320 lbs)	QPU(Flat)	1102-06-80-1	1102-06-80-2	1102-06-80-4			
	500 kgs (1100 lbs)	VPU (Round)	1102-06-82-1	1102-06-82-2	1102-06-82-4			
	670 kgs (1475 lbs)	VQPU (Round Shape)	1102-06-83-1	1102-06-83-2	1102-06-83-4			
	800 kgs (1760 lbs)	VXPU on Iron Core (Round)	1102-06-91-1	1102-06-91-2	1102-06-91-4			
	410 kgs (900 lbs)	EPU (Round)	1102-06-78-1	1102-06-78-2	1102-06-78-4			
	460 kgs (1010 lbs)	EPU (Flat)	1102-06-78-1	1102-06-78-2	1102-06-78-4			
	550 kgs (1200 lbs)	EQPU (Round)	1102-06-81-1	1102-06-81-2	1102-06-81-4			
	600 kgs (1320 lbs)	EQPU (Flat)	1102-06-81-1	1102-06-81-2	1102-06-81-4			
150mm x 45.5mm (6"x1-13/16")	260 kgs (570 lbs)	Rubber on Cast	1102-06-03-1	1102-06-03-2	1102-06-03-4			
150mm x 50mm (6" x 2")	450 kgs (990 lbs)	PU on AL Core (Flat)	1102-06(50)-108-1	1102-06(50)-108-2	1102-06(50)-108-4			
	500 kgs (1100 lbs)	QPU on AL Core (Flat)	1102-06(50)-87-1	1102-06(50)-87-2	1102-06(50)-87-4			
150mm x 51mm	550 kgs (1210 lbs)	ZQPU (Dual Wheels)	1102-06-101-1	1102-06-101-2	1102-06-101-4			
180mm x 44mm (7" x 1-3/4")	450 kgs (990 lbs)	PU on AL Core (Round)	1102-07-108-1	1102-07-108-2	1102-07-108-4	Ball Bearing	238mm (9-3/8")	Swivel 154mm Swivel W/AK Lock Brake 179mm
	600 kgs (1320 lbs)	QPU on AL Core (Round)	1102-07-87-1	1102-07-87-2	1102-07-87-4			
180mm x 50mm (7" x 2")	450 kgs (990 lbs)	PU on Cast	1102-07-33-1	1102-07-33-2	1102-07-33-4			
	600 kgs (1320 lbs)	QPU(Round)	1102-07-80-1	1102-07-80-2	1102-07-80-4			
	650 kgs (1430 lbs)	VPU (Round)	1102-07-82-1	1102-07-82-2	1102-07-82-4			
	650 kgs (1430 lbs)	VXPU on Iron Core (Round)	1102-07-91-1	1102-07-91-2	1102-07-91-4			
	650 kgs (1430 lbs)	VQPU (Round Shape)	1102-07-83-1	1102-07-83-2	1102-07-83-4			
193mm x 46mm (7-3/5"x1-13/16")	300 kgs (660 lbs)	Rubber on Cast	1102-08-03-1	1102-08-03-2	—	Ball Bearing	244.5mm (9-5/8")	Swivel 159mm
200mm x 44mm (8"x1-3/4")	350 kgs (770 lbs)	NBR Rubber on Cast	1102-08-04-1	1102-08-04-2	1102-08-04-4	Ball Bearing	248mm (9-3/4")	Swivel 164mm Swivel W/AK Lock Brake 184mm
	350 kgs (770 lbs)	Non-marking Rubber on Cast	1102-08-11-1	1102-08-11-2	1102-08-11-4			
	350 kgs (770 lbs)	Non-marking NBR Rubber on Cast	1102-08-90-1	1102-08-90-2	1102-08-90-4			
	400 kgs (880 lbs)	Recilent rubber on AL Core	1102-08-89-1	1102-08-89-2	1102-08-89-4			
200mm x 45.5mm (8"x1-13/16")	550 kgs (1200 lbs)	Cast Iron	1102-08-14-1	1102-08-14-2	1102-08-14-4			

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
200mm x 50mm (8" x 2")	450 kgs (990 lbs)	PU on Cast	1102-08-33-1	1102-08-33-2	1102-08-33-4	Ball Bearing	248mm (9-3/4")	Swivel 164mm Swivel W/AK Lock Brake 184mm
	450 kgs (990 lbs)	Nylon	1102-08-07-1	1102-08-07-2	1102-08-07-4			
	750 kgs (1650 lbs)	PU on Cast (2050A/2050B)	1102-08-62-1	1102-08-62-2	1102-08-62-4			
	400 kgs (880 lbs)	CPD	1102-08-49-1	1102-08-49-2	1102-08-49-4			
	450 kgs (990 lbs)	WMRC	1102-08-45-1	1102-08-45-2	1102-08-45-4			
	500 kgs (1100 lbs)	PU on AL Core (Round)	1102-08-108-1	1102-08-108-2	1102-08-108-4			
	550 kgs (1200 lbs)	PU on AL Core (Flat)	1102-08-108-1	1102-08-108-2	1102-08-108-4			
	650 kgs (1430 lbs)	QPU on AL Core (Round)	1102-08-87-1	1102-08-87-2	1102-08-87-4			
	700 kgs (1540 lbs)	QPU on AL Core (Flat)	1102-08-87-1	1102-08-87-2	1102-08-87-4			
	670 kgs (1475 lbs)	QPU (Round)	1102-08-80-1	1102-08-80-2	1102-08-80-4			
	720 kgs (1580 lbs)	QPU (Flat)	1102-08-80-1	1102-08-80-2	1102-08-80-4			
	670 kgs (1475 lbs)	VPU (Round)	1102-08-82-1	1102-08-82-2	1102-08-82-4			
	800 kgs (1760 lbs)	VQPU (Round)	1102-08-83-1	1102-08-83-2	1102-08-83-4			
	1100 kgs (2420 lbs)	VXPU on Iron Core (Round)	1102-08-91-1	1102-08-91-2	1102-08-91-4			
	650 kgs (1430 lbs)	EPU (Round Shape)	1102-08-78-1	1102-08-78-2	1102-08-78-4			
	700 kgs (1540 lbs)	EPU (Flat Shape)	1102-08-78-1	1102-08-78-2	1102-08-78-4			
	750 kgs (1650 lbs)	EQPU (Round Shape)	1102-08-81-1	1102-08-81-2	1102-08-81-4			
	800 kgs (1760 lbs)	EQPU (Flat Shape)	1102-08-81-1	1102-08-81-2	1102-08-81-4			
200mm x 51mm (8" x 2")	650 kgs (1430 lbs)	ZQPU (Dual Wheels)	1102-08-101-1	1102-06-101-2	1102-06-101-4			

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
250mm x 50mm (10" x 2")	400 kgs (880 lbs)	NBR Rubber on Cast	1102-10-04-1	1102-10-04-2	1102-10-04-4	Ball Bearing	305mm (12")	Swivel 175.5 mm Swivel W/AK Lock Brake 187mm
	400 kgs (880 lbs)	Non-marking Rubber on Cast	1102-10-11-1	1102-10-11-2	1102-10-11-4			
	600 kgs (1320 lbs)	PU on Cast	1102-10-33-1	1102-10-33-2	1102-10-33-4			
	800 kgs (1760 lbs)	Nylon	1102-10-07-1	1102-10-07-2	1102-10-07-4			
250mm x 62mm (10"x2-7/16")	400 kgs (880 lbs)	NBR Rubber on Cast	1102-10(62)-04-1	1102-10(62)-04-2	1102-10(62)-04-4	Ball Bearing	305mm (12")	Swivel 175.5 mm Swivel W/AK Lock Brake 187mm
	400 kgs (880 lbs)	Non-marking Rubber on Cast	1102-10(62)-11-1	1102-10(62)-11-2	1102-10(62)-11-4			
	600 kgs (1320 lbs)	PU on Cast	1102-10-33-1	1102-10-33-2	1102-10-33-4			
	400 kgs (880 lbs)	Non-marking NBR Rubber on Cast	1102-10-90-1	1102-10-90-2	1102-10-90-4			
	900 kgs (1980 lbs)	QPU (Round)	1102-10-80-1	1102-10-80-2	1102-10-80-4			
	900 kgs (1980 lbs)	QPU (Flat)	1102-10-80-1	1102-10-80-2	1102-10-80-4			
	1000 kgs (2200 lbs)	VPU (Round)	1102-10-82-1	1102-10-82-2	1102-10-82-4			
	1200 kgs (2640 lbs)	VQPU (Round)	1102-10-83-1	1102-10-83-2	1102-10-83-4			
	1500 kgs (3300 lbs)	XPU on Iron Core	1102-10-91-1	1102-10-91-2	1102-10-91-4			
300mm x 76mm (12" x 3")	650 kgs (1430 lbs)	NBR Rubber on Cast	1102-12-04-1	1102-12-04-2	–	Ball Bearing	352mm (13-27/32")	Swivel 222 mm
	550 kgs (1200 lbs)	Non-marking NBR Rubber on Cast	1102-12-90-1	1102-12-90-2	–			
300mm x 90mm (12"x3-17/32")	1250 kgs (2750 lbs)	VPU (Round)	1102-12-82-1	1102-12-82-2	–	Ball Bearing	352mm (13-27/32")	Swivel 222 mm
	1500 kgs (3300 lbs)	VPU (Flat)	1102-12-82-1	1102-12-82-2	–			
	1500 kgs (3300 lbs)	VQPU (Round)	1102-12-83-1	1102-12-83-2	–			
	1800 kgs (3960 lbs)	VQPU (Flat)	1102-12-83-1	1102-12-83-2	–			
	2000 kgs (4400 lbs)	VXPU on Iron Core(Round)	1102-12-91-1	1102-12-91-2	–			
	2500 kgs (5500 lbs)	VXPU on Iron Core(Flat)	1102-12-91-1	1102-12-91-2	–			
305mm x 70mm (12"x2-3/4")	1000 kgs (2200 lbs)	PU on Cast	1102-12-33-1	1102-12-33-2	–	Ball Bearing	354.5mm (13-31/32")	Swivel 224 mm
	1250 kgs (2750 lbs)	QPU (Flat)	1102-12-80-1	1102-12-80-2	–			

113 Series Taper Bearing Fork Caster

- Swivel easily under heavy load; ideal for heavy-duty workshop trucks in automobile, glass, textile industries, etc.

Load
450-2400 kg





Features



Tampered Braring

The tampered bearing used in the horn provides strength to carry extra load, and absorb shock impact. Also, the tampered bearing is easy to be disassembled for maintence or replacement purpose.

Wheel Options



PU on Cast



PU on Cast (Round Shape)



QPU



VQPU



VPU



XPU on Iron Core



NBR Rubber on Cast



Tampered Braring

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
10 ‧ 12"	145 x 175mm (5-7/10" x 6-7/8")	105 x 135mm (4-1/8" x 5-1/3")	12mm (1/2")

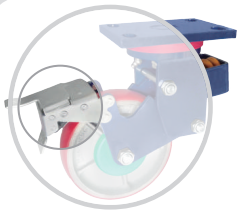
Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Swivel	Fixed	Brake			
250mm x 62mm (10" x 2-7/16")	800 kgs (1760 lbs)	PU on Cast	1113-10-33-1	1113-10-33-2	1113-10-33-4	Tampered Bearing	335mm (13-3/16")	Swivel 192mm Swiver W/Center lock 192mm
	800 kgs (1760 lbs)	PU on Cast (Round Shape)	1113-10-42-1	1113-10-42-2	1113-10-42-4			
	1050 kgs (2310 lbs)	QPU (Round)	1113-10-80-1	1113-10-80-2	1113-10-80-4			
	1050 kgs (2310 lbs)	QPU (Flat)	1113-10-80-1	1113-10-80-2	1113-10-80-4			
	1500 kgs (3300 lbs)	VPU (Round)	1113-10-82-1	1113-10-82-2	1113-10-82-4			
	1500 kgs (3300 lbs)	VQPU (Round)	1113-10-83-1	1113-10-83-2	1113-10-83-4			
	1500 kgs (3300 lbs)	XPU on Iron Core (Round)	1113-10-91-1	1113-10-91-2	1113-10-91-4			
250mm x 63mm (10" x 2-1/2")	450 kgs (990 lbs)	NBR Rubber on Cast	1113-10-04-1	1113-10-04-2	1113-10-04-4			
250mm x 80mm (10" x 3-1/8")	2000 kgs (4400 lbs)	VPU (Flat)	1113-10-82-1	1113-10-82-2	1113-10-82-4			
	2000 kgs (4400 lbs)	VQPU (Flat)	1113-10-83-1	1113-10-83-2	1113-10-83-4			
	2000 kgs (4400 lbs)	XPU on Iron Core (Flat)	1113-10-91-1	1113-10-91-2	1113-10-91-4			
254mm x 71mm (10" x 2-13/16")	450 kgs (990 lbs)	NBR Rubber on Cast	1113-10-04-1	1113-10-04-2	1113-10-04-4			
300mm x 76mm (12" x 3")	550 kgs (1210 lbs)	NBR Rubber on Cast	1113-12-04-1	1113-12-04-2	1113-12-04-4	Tampered Bearing	386mm (15-3/16")	Swivel 240mm Swiver W/Center lock 240mm
300mm x 90mm (12" x 3-9/16")	1800 kgs (3960 lbs)	VQPU (Round)	1113-12-83-1	1113-12-83-2	1113-12-83-4			
	2400 kgs (5280 lbs)	VQPU (Flat)	1113-12-83-1	1113-12-83-2	1113-12-83-4			
	1800 kgs (3960 lbs)	XPU on Iron Core (Round)	1113-12-91-1	1113-12-91-2	1113-12-91-4			
	2400 kgs (5280 lbs)	XPU on Iron Core (Flat)	1113-12-91-1	1113-12-91-2	1113-12-91-4			
304mm x 105mm (12" x 4-1/8")	600 kgs (1320 lbs)	NBR Rubber on Cast	1113-12-04-1	1113-12-04-2	1113-12-04-4			
305mm x 70mm (12" x 2-3/4")	1800 kgs (3960 lbs)	PU on Cast	1113-12-33-1	1113-12-33-2	1113-12-33-4			
	1800 kgs (3960 lbs)	QPU (Flat)	1113-12-80-1	1113-12-80-2	1113-12-80-4			
305mm x 95mm (12" x 3-3/4")	2400 kgs (5280 lbs)	PU on Cast	1113-12-33-1	1113-12-33-2	1113-12-33-4			
	2400 kgs (5280 lbs)	QPU (Flat)	1113-12-80-1	1113-12-80-2	1113-12-80-4			

1115-H Series Heavy Duty Spring-loaded Caster

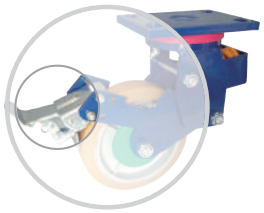
- DERSHENG'S patented products, shock-absorbing, extreme heavy-duty, diversified selection. Made of super thick steel and high quality spring, outperforming most products from competitors.



Features



Swivel W/Center Lock(AK type)



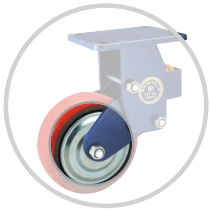
Swivel W/Center Lock Brake



Different PU
tread handness available



Ball Bearing



Metal Thread Guard(optional)



Plastic Thread Guard(optional)

Wheel Options



PU on Cast



QPU



QPU on AL Core



Non - marking NBR Rubber
on Cast



NBR Rubber on Cast



EQPU



VPU



VQPU



EPU

TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
4" 5" 6" 8"	110 x 140mm (4-11/32" x 5-1/2")	75 x 110mm (2-15/16" x 4-11/32")	12 mm (1/2")
	110 x 140mm (4-11/32" x 5-1/2")	80 x 105mm (3-5/32" x 4-1/8"(European Plate))	12 mm (1/2")
	130 x 165mm (5-1/8" x 6-1/2")	100 x 130mm (3-15/16" x 5-1/8")	12 mm (1/2")
	114 x 159mm (4-1/2" x 6-1/4")	73.8 x 129.4mm (2-29/32" x 5-3/32")	12 mm (1/2")
10"	130 x 167mm (5-1/8" x 6-9/16")	85 x 140mm (3-11/32" x 5-1/2")	12 mm (1/2")

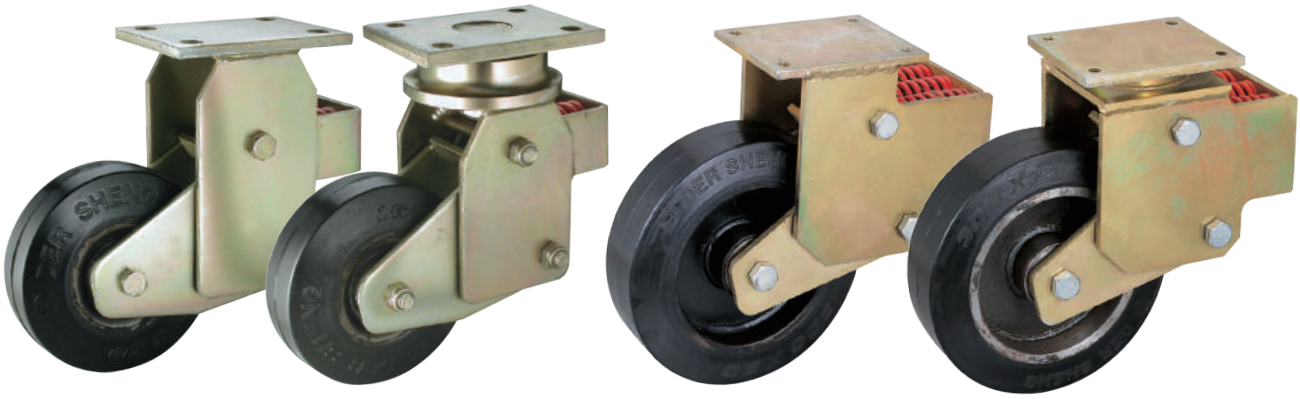
Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100mm x 36mm (4" x 1-7/16")	250 kgs (550 lbs)	PU on Cast	1115-H-04-33-1	1115-H-04-33-2	1115-H-04-33-4	Ball Bearing	198mm (7-13/16")	Swivel 96mm Swivel W/AK lock brake 164mm
	250 kgs (550 lbs)	QPU on AL Core	1115-H-04-87-1	1115-H-04-87-2	1115-H-04-87-4			
	300 kgs (660 lbs)	QPU	1115-H-04-80-1	1115-H-04-80-2	1115-H-04-80-4			
100mm x 38mm (4" x 1-1/2")	200 kgs (440 lbs)	Non-marking NBR Rubber on Cast	1115-H-04-90-1	1115-H-04-90-2	1115-H-04-90-4			
	200 kgs (440 lbs)	NBR Rubber on Cast	1115-H-04-04-1	1115-H-04-04-2	1115-H-04-04-4			
125mm x 40mm (5" x 1-9/16")	250 kgs (550 lbs)	Non-marking NBR Rubber on Cast	1115-H-05-90-1	1115-H-05-90-2	1115-H-05-90-4	Ball Bearing	210mm (8-9/32")	Swivel 132mm Swivel W/AK lock brake 194mm
	250 kgs (550 lbs)	PU on Cast	1115-H-05-33-1	1115-H-05-33-2	1115-H-05-33-4			
	250 kgs (550 lbs)	NBR Rubber on Cast	1115-H-05-04-1	1115-H-05-04-2	1115-H-05-04-4			
	300 kgs (660 lbs)	QPU on AL Core	1115-H-05-87-1	1115-H-05-87-2	1115-H-05-87-4			
	300 kgs (660 lbs)	QPU	1115-H-05-80-1	1115-H-05-80-2	1115-H-05-80-4			
	300 kgs (660 lbs)	EPU	1115-H-05-78-1	1115-H-05-78-2	1115-H-05-78-4			
	400 kgs (880 lbs)	EQPU	1115-H-05-81-1	1115-H-05-81-2	1115-H-05-81-4			
150mm x 40mm (6" x 1-9/16")	300 kgs (660 lbs)	NBR Rubber on Cast	1115-H-06-90-1	1115-H-06-04-2	1115-H-06-04-4	Ball Bearing	225mm (8-27/32")	Swivel 146mm Swivel W/AK lock brake 200mm
	300 kgs (660 lbs)	Non-marking NBR Rubber on Cast	1115-H-06-04-1	1115-H-06-90-2	1115-H-06-90-4			
150mm x 42mm (6" x 1-5/8")	300 kgs (660 lbs)	PU on Cast	1115-H-06-33-1	1115-H-06-33-2	1115-H-06-33-4			
	350 kgs (770 lbs)	QPU on AL Core	1115-H-06-87-1	1115-H-06-87-2	1115-H-06-87-4			
	350 kgs (770 lbs)	QPU	1115-H-06-80-1	1115-H-06-80-2	1115-H-06-80-4			
	350 kgs (770 lbs)	EPU	1115-H-06-78-1	1115-H-06-78-2	1115-H-06-78-4			
	450 kgs (990 lbs)	EQPU	1115-H-06-81-1	1115-H-06-81-2	1115-H-06-81-4			
	450 kgs (990 lbs)	VPU	1115-H-06-82-1	1115-H-06-82-2	1115-H-06-82-4			
	550 kgs (1210 lbs)	VQPU	1115-H-06-83-1	1115-H-06-83-2	1115-H-06-83-4			
150mm x 46mm (6" x 1-13/16")	350 kgs (770 lbs)	NBR Rubber on Cast	1115-H-06-04-1	1115-H-06-04-2	1115-H-06-04-4			

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
200mm x 44mm (8" x 1-3/4")	350 kgs (770 lbs)	NBR Rubber on Cast	1115-H-08 -04-1	1115-H-08-04-2	1115-H-08-04-4	Ball Bearing	280mm (11-1/32")	Swivel 182mm Swivel W/AK lock brake 254mm
	350 kgs (770 lbs)	Non-marking NBR Rubber on Cast	1115-H-08-90-1	1115-H-08-90-2	1115-H-08-90-4			
200mm x 50mm (8" x 2")	350 kgs (770 lbs)	PU on Cast	1115-H-08-33-1	1115-H-08-33-2	1115-H-08-33-4			
	400 kgs (880 lbs)	QPU	1115-H-08-80-1	1115-H-08-80-2	1115-H-08-80-4			
	400 kgs (880 lbs)	EPU	1115-H-08-78-1	1115-H-08-78-2	1115-H-08-78-4			
	400 kgs (880 lbs)	QPU on AL Core	1115-H-08-87-1	1115-H-08-87-2	1115-H-08-87-4			
	500 kgs (1100 lbs)	EQPU	1115-H-08-81-1	1115-H-08-81-2	1115-H-08-81-4			
	500 kgs (1100 lbs)	VPU	1115-H-08-82-1	1115-H-08-82-2	1115-H-08-82-4			
	600 kgs (1320 lbs)	VQPU	1115-H-08-83-1	1115-H-08-83-2	1115-H-08-83-4			
250mm x 62mm (10" x 2-7/16")	550 kgs (1210 lbs)	QPU	1115-H-10-80-1	1115-H-10-80-2	1115-H-10-80-4	Ball Bearing	353mm (13-29/32")	Swivel 213mm Swivel W/Center lock 255mm
	550 kgs (1210 lbs)	VPU	1115-H-10-82-1	1115-H-10-82-2	1115-H-10-82-4	Ball Bearing	355mm (14")	
	650 kgs (1430 lbs)	VQPU	1115-H-10-83-1	1115-H-10-83-2	1115-H-10-83-4	Ball Bearing	355mm (14")	
250mm x 63mm (10" x 2-1/2")	400 kgs (880 lbs)	NBR Rubber on Cast	1115-H-10-04-1	1115-H-10-04-2	1115-H-10-04-4	Ball Bearing	355mm (14")	
	400 kgs (880 lbs)	Non-marking NBR Rubber on Cast	1115-H-10-90-1	1115-H-10-90-2	1115-H-10-90-4	Ball Bearing	353mm (13-29/32")	
254mm x 62mm (10" x 2-7/16")	500 kgs (1100 lbs)	PU on Cast	1115-H-10-33-1	1115-H-10-33-2	1115-H-10-33-4	Ball Bearing	353mm (13-29/32")	

1115-EH Series Extra Heavy Duty Spring-loaded Caster

DERSHENG'S patented products, shock-absorbing, extreme heavy-duty, diversified selection. Made of super thick steel and high quality spring, outperforming most products from competitors.

Load
160-900 kg



Wheel Options


NBR Rubber on Cast


NBR Rubber on Cast


XPU on Iron Core


QPU


Ball Bearing


EPU


EQPU


VPU


VQPU


XPU on Iron Core

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
4"、5"	110 x 140mm (4-5/16" x 5-1/2")	75 x 110mm (2-5/8" x 4-5/16")	12.7mm (1/2")
4"、5"	130 x 130mm (5-1/8" x 5-1/8")	105 x 105mm (4-1/8" x 4-1/8")	12.7mm (1/2")
6"、8"	110 x 145mm (4-5/16" x 5-11/16")	75-80 x 105mm (3-1/8" x 4-1/8")	12.7mm (1/2")
12"	160 x 200mm (6-5/16" x 8")	120 x 160mm (4-3/4" x 6-5/16")	12.7mm (1/2")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100 x 34mm (4" x 1-5/16")	200 kgs (440 lbs)	XPU on Iron Core (Round)	1115-04-96-1-EH	1115-04-96-2-EH	-	Ball Bearing	194.5mm (7-5/8")	Swivel 95.5mm
	200 kgs (440 lbs)	XPU on Iron Core (Flat)	1115-04-96-1-EH	1115-04-96-2-EH	-			
	200 kgs (440 lbs)	QPU (Round)	1115-04-80-1-EH	1115-04-80-2-EH	-			
	200 kgs (440 lbs)	QPU (Flat)	1115-04-80-1-EH	1115-04-80-2-EH	-			
100 x 37mm (4" x 1-7/16")	160 kgs (350 lbs)	NBR Rubber on Cast	1115-04-04-1-EH	1115-04-04-2-EH	-	Ball Bearing	168.5mm (6-5/8")	Swivel 90.5mm
125 x 40mm (5" x 1-9/16")	200 kgs (440 lbs)	XPU on Iron Core (Round)	1115-05-96-1-EH	1115-05-96-2-EH	-	Ball Bearing	207mm (8-1/8")	Swivel 108mm
	200 kgs (440 lbs)	XPU on Iron Core (Flat)	1115-05-96-1-EH	1115-05-96-2-EH	-			
	220 kgs (480 lbs)	QPU (Round)	1115-05-80-1-EH	1115-05-80-2-EH	-			
	220 kgs (480 lbs)	QPU (Flat)	1115-05-80-1-EH	1115-05-80-2-EH	-			
	220 kgs (480 lbs)	EPU (Round)	1115-05-78-1-EH	1115-05-78-2-EH	-			
	220 kgs (480 lbs)	EPU (Flat)	1115-05-78-1-EH	1115-05-78-2-EH	-			
	220 kgs (480 lbs)	EQPU (Round)	1115-05-81-1-EH	1115-05-81-2-EH	-			
	220 kgs (480 lbs)	EQPU (Flat)	1115-05-81-1-EH	1115-05-81-2-EH	-			
	180 kgs (400 lbs)	NBR Rubber on Cast	1115-05-04-1-EH	1115-05-04-2-EH	-		181mm (7-1/8")	Swivel 103mm
150 x 40mm (6" x 1-9/16")	350 kgs (770 lbs)	NBR Rubber on Cast	1115-06-04-1-EH	1115-06-04-2-EH	-	Ball Bearing	245.5mm (10")	Swivel 178.5mm
150 x 42mm (6" x 1-11/16")	350 kgs (770 lbs)	EPU (Round)	1115-06-78-1-EH	1115-06-78-2-EH	-	Ball Bearing	245.5mm (10")	Swivel 178.5mm
	350 kgs (770 lbs)	EPU (Flat)	1115-06-78-1-EH	1115-06-78-2-EH	-			
	350 kgs (770 lbs)	EQPU (Round)	1115-06-81-1-EH	1115-06-81-2-EH	-			
	350 kgs (770 lbs)	EQPU (Flat)	1115-06-81-1-EH	1115-06-81-2-EH	-			
	350 kgs (770 lbs)	QPU (Round)	1115-06-80-1-EH	1115-06-80-2-EH	-			
	350 kgs (770 lbs)	QPU (Flat)	1115-06-80-1-EH	1115-06-80-2-EH	-			
	400 kgs (880 lbs)	XPU on Iron Core (Round)	1115-06-96-1-EH	1115-06-96-2-EH	-			
	400 kgs (880 lbs)	XPU on Iron Core (Flat)	1115-06-96-1-EH	1115-06-96-2-EH	-			
	350 kgs (770 lbs)	VPU (Round)	1115-06-82-1-EH	1115-06-82-2-EH	-			
	400 kgs (880 lbs)	VQPU (Round)	1115-06-83-1-EH	1115-06-83-2-EH	-			
	400 kgs (880 lbs)	XPU on Iron Core (Round)	1115-06-91-1-EH	1115-06-91-2-EH	-			

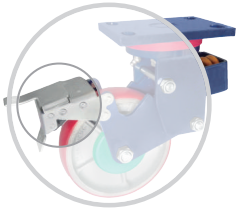
Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
200 x 50mm (8" x 2")	500 kgs (1100 lbs)	XPU on Iron Core (Round)	1115-08-96-1-EH	1115-08-96-2-EH	-	Ball Bearing	279.5mm (11")	Swivel 203.5mm
	500 kgs (1100 lbs)	XPU on Iron Core (Flat)	1115-08-96-1-EH	1115-08-96-2-EH	-			
	450 kgs (990 lbs)	QPU (Round)	1115-08-80-1-EH	1115-08-80-2-EH	-			
	450 kgs (990 lbs)	QPU (Flat)	1115-08-80-1-EH	1115-08-80-2-EH	-			
	450 kgs (990 lbs)	EPU (Round)	1115-08-78-1-EH	1115-08-78-2-EH	-			
	450 kgs (990 lbs)	EPU (Flat)	1115-08-78-1-EH	1115-08-78-2-EH	-			
	450 kgs (990 lbs)	EQPU (Round)	1115-08-81-1-EH	1115-08-81-2-EH	-			
	450 kgs (990 lbs)	EQPU (Flat)	1115-08-81-1-EH	1115-08-81-2-EH	-			
	450 kgs (990 lbs)	VPU (Round)	1115-08-82-1-EH	1115-08-82-2-EH	-			
	450 kgs (990 lbs)	VQPU (Round)	1115-08-83-1-EH	1115-08-83-2-EH	-			
	500 kgs (1100 lbs)	XPU on Iron Core (Round)	1115-08-91-1-EH	1115-08-91-2-EH	-			
	450 kgs (990 lbs)	NBR Rubber on Cast	1115-08-04-1-EH	1115-08-04-2-EH	-			
250 x 80mm (10" x 3-1/8")	800 kgs (1760 lbs)	VPU (Flat)	1115-10-82-1-EH	1115-10-82-2-EH	-	Ball Bearing	368.5mm (14-1/2")	Swivel 308mm
	800 kgs (1760 lbs)	VQPU (Flat)	1115-10-83-1-EH	1115-10-83-2-EH	-			
	800 kgs (1760 lbs)	XPU on Iron Core (Flat)	1115-10-91-1-EH	1115-10-91-2-EH	-			
300 x 90mm (12" x 3-17/32")	900 kgs (1980 lbs)	VPU (Flat)	1115-12-82-1-EH	1115-12-82-2-EH	-	Ball Bearing	393.5mm (15-1/2")	Swivel 333mm
	900 kgs (1980 lbs)	VPU (Round)	1115-12-82-1-EH	1115-12-82-2-EH	-			
	900 kgs (1980 lbs)	VQPU (Flat)	1115-12-83-1-EH	1115-12-83-2-EH	-			
	900 kgs (1980 lbs)	VQPU (Round)	1115-12-83-1-EH	1115-12-83-2-EH	-			
	900 kgs (1980 lbs)	XPU on Iron Core (Flat)	1115-12-91-1-EH	1115-12-91-2-EH	-			
	900 kgs (1980 lbs)	XPU on Iron Core (Round)	1115-12-91-1-EH	1115-12-91-2-EH	-			
	900 kgs (1980 lbs)	NBR Rubber on Cast	1115-12-04-1-EH	1115-12-04-2-EH	-			

1115 Series Spring-loaded Caster (Regular)

- DERSHENG'S patented products, shock-absorbing, extreme heavy-duty, diversified selection. Made of super thick steel and high quality spring, outperforming most products from competitors.



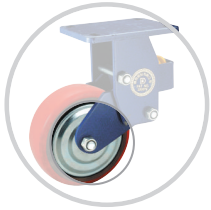
Features


Swivel W/Center Lock(AK type)


Swivel W/Center Lock Brake


Different PU tread handness available


Ball Bearing


Metal Thread Guard(optional)


Plastic Thread Guard(optional)

Wheel Options


PU on Cast


QPU


QPU on AL Core


Non - marking NBR Rubber on Cast


NBR Rubber on Cast


EPU


EQPU


VPU


VQPU


Nylon


WMRC

TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
4" 5" 6" 8"	110 x 140mm (4-11/32" x 5-1/2")	75 x 110mm (2-15/16" x 4-11/32")	12 mm (1/2")
	110 x 140mm (4-11/32" x 5-1/2")	80 x 105mm (3-5/32" x 4-1/8"(European Plate))	12 mm (1/2")
	130 x 165mm (5-1/8" x 6-1/2")	100 x 130mm (3-15/16" x 5-1/8")	12 mm (1/2")
	114 x 159mm (4-1/2" x 6-1/4")	73.8 x 129.4mm (2-29/32" x 5-3/32")	12 mm (1/2")
10"	130 x 167mm (5-1/8" x 6-9/16")	85 x 140mm (3-11/32" x 5-1/2"	12 mm (1/2")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100mm x 32mm (4" x 1-1/4")	150 kgs (330 lbs)	Nylon	1115-04-07-1	1115-04-07-2	1115-04-07-4	Ball Bearing	198mm (7-13/16")	Swivel 96mm Swivel W/AK lock brake 164mm
100mm x 36mm (4" x 1-7/16")	200 kgs (440 lbs)	PU on Cast	1115-04-33-1	1115-04-33-2	1115-04-33-4			
	200 kgs (440 lbs)	QPU on AL Core	1115-04-87-1	1115-04-87-2	1115-04-87-4			
	250 kgs (550 lbs)	QPU	1115-04-80-1	1115-04-80-2	1115-04-80-4			
100mm x 38mm (4" x 1-1/2")	150 kgs (330 lbs)	Non-marking NBR Rubber on Cast	1115-04-90-1	1115-04-90-2	1115-04-90-4			
	150 kgs (330 lbs)	NBR Rubber on Cast	1115-04-04-1	1115-04-04-2	1115-04-04-4			
125mm x 40mm (5" x 1-9/16")	200 kgs (440 lbs)	Nylon	1115-05-07-1	1115-05-07-2	1115-05-07-4	Ball Bearing	210mm (8-9/32")	Swivel 132mm Swivel W/AK lock brake 194mm
	200 kgs (440 lbs)	Non-marking NBR Rubber on Cast	1115-05-90-1	1115-05-90-2	1115-05-90-4			
	250 kgs (550 lbs)	QPU on AL Core	1115-05-87-1	1115-05-87-2	1115-05-87-4			
	200 kgs (440 lbs)	PU on Cast	1115-05-33-1	1115-05-33-2	1115-05-33-4			
	200 kgs (440 lbs)	NBR Rubber on Cast	1115-05-04-1	1115-05-04-2	1115-05-04-4			
	250 kgs (550 lbs)	QPU	1115-05-80-1	1115-05-80-2	1115-05-80-4			
	250 kgs (550 lbs)	EPU	1115-05-78-1	1115-05-78-2	1115-05-78-4			
	350 kgs (770 lbs)	EQPU	1115-05-81-1	1115-05-81-2	1115-05-81-4			
150mm x 40mm (6" x 1-9/16")	250 kgs (550 lbs)	NBR Rubber on Cast	1115-06-04-1	1115-06-04-2	1115-06-04-4	Ball Bearing	225mm (8-27/32")	Swivel 146mm Swivel W/AK lock brake 200mm
	250 kgs (550 lbs)	Nylon	1115-06-07-1	1115-06-07-2	1115-06-07-4			
	250 kgs (550 lbs)	Non-marking NBR Rubber on Cast	1115-06-90-1	1115-06-90-2	1115-06-90-4			
	250 kgs (550 lbs)	WMRC	1115-06-45-1	1115-06-45-2	1115-06-45-4			
150mm x 42mm (6" x 1-5/8")	250 kgs (550 lbs)	PU on Cast	1115-06-33-1	1115-06-33-2	1115-06-33-4			
	300 kgs (660 lbs)	QPU on AL Core	1115-06-87-1	1115-06-87-2	1115-06-87-4			
	300 kgs (660 lbs)	QPU	1115-06-80-1	1115-06-80-2	1115-06-80-4			
	300 kgs (660 lbs)	EPU	1115-06-78-1	1115-06-78-2	1115-06-78-4			
	400 kgs (880 lbs)	EQPU	1115-06-81-1	1115-06-81-2	1115-06-81-4			
	400 kgs (880 lbs)	VPU	1115-06-82-1	1115-06-82-2	1115-06-82-4			
	500 kgs (1100 lbs)	VQPU	1115-06-83-1	1115-06-83-2	1115-06-83-4			
150mm x 46mm (6" x 1-13/16")	300 kgs (660 lbs)	NBR Rubber on Cast	1115-06-04-1	1115-06-04-2	1115-06-04-4			

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
200mm x 44mm (8" x 1-3/4")	300 kgs (660 lbs)	NBR Rubber on Cast	1115-08-04-1	1115-08-04-2	1115-08-04-4	Ball Bearing	280mm (11-1/32")	Swivel 182mm Swivel W/AK lock brake 254mm
	300 kgs (660 lbs)	Non-marking NBR Rubber on Cast	1115-08-90-1	1115-08-90-2	1115-08-90-4			
200mm x 50mm (8" x 2")	300 kgs (660 lbs)	PU on Cast	1115-08-33-1	1115-08-33-2	1115-08-33-4			
	350 kgs (770 lbs)	QPU	1115-08-80-1	1115-08-80-2	1115-08-80-4			
	350 kgs (770 lbs)	EPU	1115-08-78-1	1115-08-78-2	1115-08-78-4			
	450 kgs (990 lbs)	EQPU	1115-08-81-1	1115-08-81-2	1115-08-81-4			
	450 kgs (990 lbs)	VPU	1115-08-82-1	1115-08-82-2	1115-08-82-4			
	550 kgs (1210 lbs)	VQPU	1115-08-83-1	1115-08-83-2	1115-08-83-4			
	300 kgs (660 lbs)	Nylon	1115-08-07-1	1115-08-07-2	1115-08-07-4			
	300 kgs (660 lbs)	WMRC	1115-08-45-1	1115-08-45-2	1115-08-45-4			
	350 kgs (770 lbs)	QPU on AL Core	1115-08-87-1	1115-08-87-2	1115-08-87-4			
250mm x 62mm (10" x 2-7/16")	500 kgs (1100 lbs)	QPU	1115-10-80-1	1115-10-80-2	1115-10-80-4	Ball Bearing	353mm (13-29/32")	Swivel 213mm Swivel W/Center lock 255mm
	500 kgs (1100 lbs)	VPU	1115-10-82-1	1115-10-82-2	1115-10-82-4	Ball Bearing	355mm (14")	
	600 kgs (1320 lbs)	VQPU	1115-10-83-1	1115-10-83-2	1115-10-83-4	Ball Bearing	355mm (14")	
250mm x 63mm (10" x 2-1/2")	350 kgs (770 lbs)	NBR Rubber on Cast	1115-10-04-1	1115-10-04-2	1115-10-04-4	Ball Bearing	355mm (14")	
	350 kgs (770 lbs)	Non-marking NBR Rubber on Cast	1115-10-90-1	1115-10-90-2	1115-10-90-4	Ball Bearing	353mm (13-29/32")	
254mm x 50mm (10" x 2")	300 kgs (660 lbs)	Nylon	1115-10-07-1	1115-10-07-2	1115-10-07-4	Ball Bearing	353mm (13-29/32")	
254mm x 62mm (10" x 2-7/16")	450 kgs (990 lbs)	PU on Cast	1115-10-33-1	1115-10-33-2	1115-10-33-4	Ball Bearing	353mm (13-29/32")	

1141 Series Kingpinless Caster (American Style)

- Heavy Duty Kingpinless casters with hardened raceways for greater impact resistance to avoid distortions. Ideal for towing application in automobile, glass, textile, tyre industry, etc.....Patented thread guards and dust covers prevent swivel failure caused by build-up of strings between the wheel and fork legs, as well as the dust in the wheel bearing. Suitable for application with shock loads, towing and uneven floor surface.

Load
120-750 kg



Features



Side Lock Brake



AK Brake

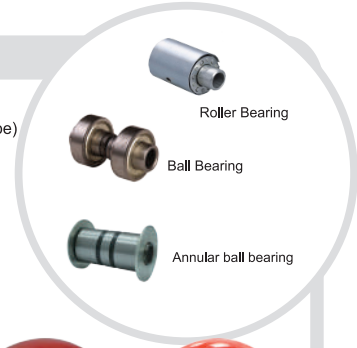


Directional Lock
(Optional)



Double groove is also available. Please consult with factory.

Wheel Options



PU on PP Core(Round Shape)



NBR Rubber on Cast



PU on Cast



TPR on PP Core(Round Shape)



TPR on PP Core (Flat Shape)



PU on Cast (Round Shape)



Phenolic



PU on PP Core



Cast Iron



V Groove



CPU on PP core



EPU



HD Resolute Wheel(Round Shape)



WHDR



Resolute(Round Shape)



Resolute(Flat Shape)



W Resolute(Flat Shape)



WPPR(Flat Shape)



EQPU



TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	100 x 115 mm (4"x 4-1/2")	70 x 85 mm (2-5/8"~3"x3"~3-5/8")	9.5 mm (3/8")
2	115 x 159 mm (4-1/2"x 6-1/4")	75 x 130mm (2-7/16"~3-3/8" x4-15/16"~5-1/4")	12.7 mm (1/2")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100x50mm (4"x2")	270 kgs (600lbs)	PU on PP Core(Round Shape)	1141-04-43-1	1141-04-43-2	1141-04-43-4	Ball Bearing	142mm (5-5/8")	**Single groove :** Swivel 80mm Swivel W/Side Brake 102mm AK Brake 143mm **Double groove :** Swivel 90mm Swivel W/Side Brake 112mm AK Brake 153mm
	200 kgs (440lbs)	PU on Cast(Round Shape)	1141-04-42-1	1141-04-42-2	1141-04-42-4			
	150 kgs (325lbs)	NBR Rubber on Cast	1141-04-04-1	1141-04-04-2	1141-04-04-4	Roller Bearing		
	320 kgs (700lbs)	PU on Cast	1141-04-33-1	1141-04-33-2	1141-04-33-4			
	360 kgs (800lbs)	Phenolic	1141-04-25-1	1141-04-25-2	1141-04-25-4			
	270 kgs (600lbs)	PU on PP Core	1141-04-31-1	1141-04-31-2	1141-04-31-4			
	360 kgs (800lbs)	Cast Iron	1141-04-21-1	1141-04-21-2	1141-04-21-4			
	360 kgs (800lbs)	V Groove	1141-04-28-1	1141-04-28-2	1141-04-28-4			
	120 kgs (265lbs)	TPR on PP Core(Round Shape)	1141-04-26-1	1141-04-26-2	1141-04-26-4	Roller Bearing Annular ball bearing		
	150 kgs (330lbs)	TPR on PP Core (Flat Shape)	1141-04-52-1	1141-04-52-2	1141-04-52-4			
	150 kgs (330lbs)	WPPR	1141-04-47-1	1141-04-47-2	1141-04-47-4			
	181 kgs (400lbs)	W Resolute(Flat Shape)	1141-04-48-1	1141-04-48-2	1141-04-48-4			
	181 kgs (400lbs)	Resolute (Flat Shape)	1141-04-51-1	1141-04-51-2	1141-04-51-4			
	136 kgs (300lbs)	Resolute(Round Shape)	1141-04-44-1	1141-04-44-2	1141-04-44-4			
	228 kgs (500lbs)	HD Resolute Wheel(Round Shape)	1141-04-54-1	1141-04-54-2	1141-04-54-4			
	270 kgs (600lbs)	WHDR	1141-04-55-1	1141-04-55-2	1141-04-55-4			
125x50mm (5"x2")	340 kgs (750lbs)	PU on PP Core(Round Shape)	1141-05-43-1	1141-05-43-2	1141-05-43-4	Ball Bearing	167mm (6-1/2")	**Single groove :** Swivel 95.5mm Swivel W/Side Brake 102mm AK Brake 154mm **Double groove :** Swivel 105.5mm Swivel W/Side Brake 122mm AK Brake 164mm
	230 kgs (500lbs)	PU on Cast(Round Shape)	1141-05-42-1	1141-05-42-2	1141-05-42-4			
	340 kgs (750 lbs)	CPU on PP core	1141-05-63-1	1141-05-63-2	1141-05-63-4			
	400 kgs (880lbs)	EPU	1141-05-78-1	1141-05-78-2	1141-05-78-4			
	500 kgs (1100lbs)	EQPU	1141-05-81-1	1141-05-81-2	1141-05-81-4			
	200 kgs (440lbs)	NBR Rubber on Cast	1141-05-04-1	1141-05-04-2	1141-05-04-4	Roller Bearing		
	360 kgs (790lbs)	PU on Cast	1141-05-33-1	1141-05-33-2	1141-05-33-4			
	400 kgs (880lbs)	Phenolic	1141-05-25-1	1141-05-25-2	1141-05-25-4			
	340 kgs (750lbs)	PU on PP Core	1141-05-31-1	1141-05-31-2	1141-05-31-4			
	400 kgs (880lbs)	Cast Iron	1141-05-21-1	1141-05-21-2	1141-05-21-4			
	400 kgs (880lbs)	V Groove	1141-05-28-1	1141-05-28-2	1141-05-28-4			
	140 kgs (300lbs)	TPR on PP Core	1141-05-26-1	1141-05-26-2	1141-05-26-4	Roller Bearing Annular ball bearing		
	180 kgs (396lbs)	TPR on PP Core(Flat Shape)	1141-05-52-1	1141-05-52-2	1141-05-52-4			
	180 kgs (396lbs)	WPPR	1141-05-47-1	1141-05-47-2	1141-05-47-4			
	227 kgs (500lbs)	W Resolute(Flat Shape)	1141-05-48-1	1141-05-48-2	1141-05-48-4			
	227 kgs (500lbs)	Resolute(Flat Shape)	1141-05-51-1	1141-05-51-2	1141-05-51-4			
	170 kgs (375lbs)	Resolute(Round Shape)	1141-05-44-1	1141-05-44-2	1141-05-44-4			
	261 kgs (575lbs)	HD Resolute Wheel(Round Shape)	1141-05-54-1	1141-05-54-2	1141-05-54-4			
	340 kgs (750lbs)	WHDR	1141-05-55-1	1141-05-55-2	1141-05-55-4			

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
150x50mm (6"x2")	410 kgs (900lbs)	PU on PP Core(Round Shape)	1141-06-43-1	1141-06-43-2	1141-06-43-4	Ball Bearing	190mm (7-1/2")	**Single groove :** Swivel 111mm Swivel W/Side Brake 123mm AK Brake 158mm **Double groove :** Swivel 123mm Swivel W/Side Brake 135mm AK Brake 170mm
	260 kgs (570lbs)	PU on Cast(Round Shape)	1141-06-42-1	1141-06-42-2	1141-06-42-4			
	410 kgs (900lbs)	CPU on PP core	1141-06-63-1	1141-06-63-2	1141-06-63-4			
	500 kgs (1100lbs)	EPU	1141-06-78-1	1141-06-78-2	1141-06-78-4			
	600 kgs (1320lbs)	EQPU	1141-06-81-1	1141-06-81-2	1141-06-81-4			
	250 kgs (550lbs)	NBR Rubber on Cast	1141-06-04-1	1141-06-04-2	1141-06-04-4	Roller Bearing		
	410 kgs (900lbs)	PU on Cast	1141-06-33-1	1141-06-33-2	1141-06-33-4			
	420 kgs (925lbs)	Phenolic	1141-06-25-1	1141-06-25-2	1141-06-25-4			
	410 kgs (900lbs)	PU on PP Core	1141-06-31-1	1141-06-31-2	1141-06-31-4			
	420 kgs (925lbs)	Cast Iron	1141-06-21-1	1141-06-21-2	1141-06-21-4			
	420 kgs (925lbs)	V Groove	1141-06-28-1	1141-06-28-2	1141-06-28-4			
	160 kgs (350lbs)	TPR on PP Core(Round Shape)	1141-06-26-1	1141-06-26-2	1141-06-26-4	Roller Bearing Annular ball bearing		
	210 kgs (462lbs)	TPR on PP Core(Flat Shape)	1141-06-52-1	1141-06-52-2	1141-06-52-4			
	210 kgs (462lbs)	WPPR	1141-06-47-1	1141-06-47-2	1141-06-47-4			
	272 kgs (600lbs)	W Resolute(Flat Shape)	1141-06-48-1	1141-06-48-2	1141-06-48-4			
	272 kgs (600lbs)	Resolute(Flat Shape)	1141-06-51-1	1141-06-51-2	1141-06-51-4			
	204 kgs (450lbs)	Resolute (Round Shape)	1141-06-44-1	1141-06-44-2	1141-06-44-4			
	295 kgs (650lbs)	HD Resolute Wheel(Round Shape)	1141-06-54-1	1141-06-54-2	1141-06-54-4			
	408 kgs (900lbs)	WHDR	1141-06-55-1	1141-06-55-2	1141-06-55-4			
200x50mm (8"x2")	420 kgs (925lbs)	PU on PP Core(Round Shape)	1141-08-43-1	1141-08-43-2	1141-08-43-4	Ball Bearing	240mm (9-1/2")	**Single groove :** Swivel 145mm Swivel W/Side Brake 145mm AK Brake 169mm **Double groove :** Swivel 157mm Swivel W/Side Brake 157mm AK Brake 181mm
	300 kgs (660lbs)	PU on Cast(Round Shape)	1141-08-42-1	1141-08-42-2	1141-08-42-4			
	420 kgs (925lbs)	CPU on PP core	1141-08-63-1	1141-08-63-2	1141-08-63-4			
	600 kgs (1320lbs)	EPU	1141-08-78-1	1141-08-78-2	1141-08-78-4			
	750 kgs (1650lbs)	EQPU	1141-08-81-1	1141-08-81-2	1141-08-81-4			
	300 kgs (660lbs)	NBR Rubber on Cast	1141-08-04-1	1141-08-04-2	1141-08-04-4	Roller Bearing		
	450 kgs (990lbs)	PU on Cast	1141-08-33-1	1141-08-33-2	1141-08-33-4			
	450 kgs (990lbs)	Phenolic	1141-08-25-1	1141-08-25-2	1141-08-25-4			
	420 kgs (925lbs)	PU on PP Core	1141-08-31-1	1141-08-31-2	1141-08-31-4			
	450 kgs (990lbs)	Cast Iron	1141-08-21-1	1141-08-21-2	1141-08-21-4			
	450 kgs (990lbs)	V Groove	1141-08-28-1	1141-08-28-2	1141-08-28-4			
	185 kgs (400lbs)	TPR on PP Core(Round Shape)	1141-08-26-1	1141-08-26-2	1141-08-26-4	Roller Bearing Annular ball bearing		
	230 kgs (506lbs)	TPR on PP Core(Flat Shape)	1141-08-52-1	1141-08-52-2	1141-08-52-4			
	230 kgs (506lbs)	WPPR	1141-08-47-1	1141-08-47-2	1141-08-47-4			
	306 kgs (675lbs)	W Resolute(Flat Shape)	1141-08-48-1	1141-08-48-2	1141-08-48-4			
	306 kgs (675lbs)	Resolute(Flat Shape)	1141-08-51-1	1141-08-51-2	1141-08-51-4			
	272 kgs (600lbs)	Resolute (Round Shape)	1141-08-44-1	1141-08-44-2	1141-08-44-4			
	318 kgs (700lbs)	HD Resolute Wheel(Round Shape)	1141-08-54-1	1141-08-54-2	1141-08-54-4			
	430 kgs (950lbs)	WHDR	1141-08-55-1	1141-08-55-2	1141-08-55-4			

1142 Series Kingpinless Caster (B Type)

Heavy Duty Kingpinless casters with hardened raceways for greater impact resistance to avoid distortions under heavy load, ideal for towing application in automobile, glass, textile, tyre industries, etc. Patented thread guards and dust covers prevent swivel failure caused by build-up of strings between the wheel and fork legs, as well as the dust in the wheel bearing. Suitable for application with shock loads, towing and uneven floor surface.

Load
200-1100 kg







Features



Metal Thread Guard(optional)



Plastic Thread Guard(optional)



Swivel W/Center lock(AK type)



tread handness available



Thread guard specially
for textile industry(optional)



Kingpinless

Wheel Options





TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
4"	90 x 120 mm (3-17/32" x 4-23/32")	60 x 90 mm (2-3/8" x 3-17/32")	11 mm (7/16")
5" 6" 8"	110 x 140 mm (4-11/32" x 5-1/2")	75 x 110 mm (2-15/16" x 4-11/32")	12 mm (1/2")
	110 x 140 mm (4-11/32" x 5-1/2")	80 x 105 mm (3-5/32" x 4-1/8")	12 mm (1/2")
	130 x 130 mm (5-1/8" x 5-1/8")	105 x 105 mm (4-1/8" x 4-1/8")	9 mm (3/8")
	130 x 130 mm (5-1/8" x 5-1/8")	105 x 105 mm (4-1/8" x 4-1/8")	12 mm (1/2")
	130 x 165 mm (5-1/8" x 6-1/2")	100 x 130 mm (3-15/16" x 5-1/8")	12 mm (1/2")
	114 x 159 mm (4-1/2" x 6-1/4")	73.8 x 129.4 mm (2-29/32" x 5-3/32")	12 mm (1/2")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
93mm x 28mm (3-21/32"x1-3/32")	400 kgs (880 lbs)	Cast Iron	1142-04-14-1	1142-04-14-2	–	Ball Bearing	143.5mm (5-21/32")	Swivel 87mm
100mm x 32mm (4"x1-1/4")	250 kgs (550 lbs)	Nylon	1142-04-07-1	1142-04-07-2	1142-04-07-4	Ball Bearing	147mm (5-25/32")	Swivel 92mm Swivel W/AK Lock Brake 148mm
	200 kgs (440 lbs)	CPD	1142-04-49-1	1142-04-49-2	1142-04-49-4			
100mm x 34mm (4"x1-3/8")	335 kgs (735 lbs)	QPU (Round)	1142-04-80-1	1142-04-80-2	1142-04-80-4			
	385 kgs (845 lbs)	QPU (Flat)	1142-04-80-1	1142-04-80-2	1142-04-80-4			
100mm x 36mm (4"x1-7/16")	250 kgs (550 lbs)	PU on Cast	1142-04-33-1	1142-04-33-2	1142-04-33-4			
	200 kgs (440 lbs)	Rubber on Cast	1142-04-03-1	1142-04-03-2	1142-04-03-4			
	250 kgs (550 lbs)	PU on AL Core (Round)	1142-04-108-1	1142-04-108-2	1142-04-108-4			
	300 kgs (660 lbs)	QPU on AL Core (Round)	1142-04-87-1	1142-04-87-2	1142-04-87-4			
100mm x 38mm (4"x1-1/2")	200 kgs (440 lbs)	NBR Rubber on Cast	1142-04-04-1	1142-04-04-2	1142-04-04-4			
	200 kgs (440 lbs)	Non-marking Rubber on Cast	1142-04-11-1	1142-04-11-2	1142-04-11-4			
	200 kgs (440 lbs)	Non-marking NBR Rubber on Cast	1142-04-90-1	1142-04-90-2	1142-04-90-4			
100mm x 40mm (4"x1-9/16")	275 kgs (600 lbs)	PU on AL Core (Round)	1142-04-108-1	1142-04-108-2	1142-04-108-4			
	200 kgs (440 lbs)	Recilent rubber on AL Core	1142-04-89-1	1142-04-89-2	1142-04-89-4			
	325 kgs (715 lbs)	QPU on AL Core (Round)	1142-04-87-1	1142-04-87-2	1142-04-87-4			
100mm x 46.5mm (4"x1-13/16")	335 kgs (735 lbs)	ZQPU (Dual Wheels)	1142-04-101-1	1142-04-101-2	1142-04-101-4			
122mm x 36.5mm (4-13/16"x1-7/16")	600 kgs (1320 lbs)	Cast Iron	1142-05-14-1	1142-05-14-2	1142-05-14-4	Ball Bearing	168.5mm (6-5/8")	Swivel 103mm
125mm x 40mm (5"x1-9/16")	340 kgs (750 lbs)	PU on Cast	1142-05-33-1	1142-05-33-2	1142-05-33-4	Ball Bearing	170mm (6-11/16")	Swivel 107mm Swivel W/AK Lock Brake 158mm
	220 kgs (485 lbs)	Rubber on Cast	1142-05-03-1	1142-05-03-2	1142-05-03-4			
	300 kgs (660 lbs)	Nylon	1142-05-07-1	1142-05-07-2	1142-05-07-4			
	300 kgs (660 lbs)	PU on AL Core (Round)	1142-05-108-1	1142-05-108-2	1142-05-108-4			
	350 kgs (770 lbs)	QPU on AL Core (Round)	1142-05-87-1	1142-05-87-2	1142-05-87-4			
	250 kgs (550 lbs)	NBR Rubber on Cast	1142-05-04-1	1142-05-04-2	1142-05-04-4			
	250 kgs (550 lbs)	CPD	1142-05-49-1	1142-05-49-2	1142-05-49-4			
	250 kgs (550 lbs)	Non-marking Rubber on Cast	1142-05-11-1	1142-05-11-2	1142-05-11-4			
	250 kgs (550 lbs)	Non-marking NBR Rubber on Cast	1142-05-90-1	1142-05-90-2	1142-05-90-4			
	450 kgs (990 lbs)	QPU (Round)	1142-05-80-1	1142-05-80-2	1142-05-80-4			
	500 kgs (1100 lbs)	QPU (Flat)	1142-05-80-1	1142-05-80-2	1142-05-80-4			
	340 kgs (750 lbs)	EPU (Round Shape)	1142-05-78-1	1142-05-78-2	1142-05-78-4			
	390 kgs (860 lbs)	EPU (Flat Shape)	1142-05-78-1	1142-05-78-2	1142-05-78-4			
	450 kgs (990 lbs)	EQPU (Round Shape)	1142-05-81-1	1142-05-81-2	1142-05-81-4			
	500 kgs (1100 lbs)	EQPU (Flat Shape)	1142-05-81-1	1142-05-81-2	1142-05-81-4			

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
125mm x 50mm (5" x 2")	400 kgs (880 lbs)	PU on AL Core (Flat)	1142-05-108-1	1142-05-108-2	1142-05-108-4	Ball Bearing	170mm (6-11/16")	Swivel 107mm Swivel W/AK Lock Brake 158mm
	450 kgs (990 lbs)	QPU on AL Core (Flat)	1142-05-87-1	1142-05-87-2	1142-05-87-4			
125mm x 51mm (5" x 2")	450 kgs (990 lbs)	ZQPU (Dual Wheels)	1142-05-101-1	1142-05-101-2	1142-05-101-4			
138mm x 36.5mm (5-7/16"x1-7/16")	700 kgs (1540 lbs)	Cast Iron	1142-06-14-1	1142-06-14-2	—	Ball Bearing	191mm (7-17/32")	Swivel 111mm
150mm x 40mm (6"x1-9/16")	400 kgs (880 lbs)	Nylon	1142-06-07-1	1142-06-07-2	1142-06-07-4	Ball Bearing	197mm (7-3/4")	Swivel 119mm Swivel W/AK Lock Brake 160mm
	350 kgs (770 lbs)	CPD	1142-06-49-1	1142-06-49-2	1142-06-49-4			
	350 kgs (770 lbs)	NBR Rubber on Cast	1142-06-04-1	1142-06-04-2	1142-06-04-4			
	300 kgs (660 lbs)	Non-marking Rubber on Cast	1142-06-11-1	1142-06-11-2	1142-06-11-4			
	300 kgs (660 lbs)	Non-marking NBR Rubber on Cast	1142-06-90-1	1142-06-90-2	1142-06-90-4			
	400 kgs (880 lbs)	WMRC	1142-06-45-1	1142-06-45-2	1142-06-45-4			
150mm x 42mm (6"x1-5/8")	410 kgs (900 lbs)	PU on Cast	1142-06-33-1	1142-06-33-2	1142-06-33-4			
	400 kgs (880 lbs)	PU on AL Core (Round)	1142-06-108-1	1142-06-108-2	1142-06-108-4			
	450 kgs (990 lbs)	QPU on AL Core (Round)	1142-06-87-1	1142-06-87-2	1142-06-87-4			
	550 kgs (1200 lbs)	QPU (Round)	1142-06-80-1	1142-06-80-2	1142-06-80-4			
	600 kgs (1320 lbs)	QPU(Flat)	1142-06-80-1	1142-06-80-2	1142-06-80-4			
	500 kgs (1100 lbs)	VPU (Round)	1142-06-82-1	1142-06-82-2	1142-06-82-4			
	670 kgs (1475 lbs)	VQPU (Round Shape)	1142-06-83-1	1142-06-83-2	1142-06-83-4			
	800 kgs (1760 lbs)	XPU on Iron Core (Round)	1142-06-91-1	1142-06-91-2	1142-06-91-4			
	410 kgs (900 lbs)	EPU (Round)	1142-06-78-1	1142-06-78-2	1142-06-78-4			
	460 kgs (1010 lbs)	EPU (Flat)	1142-06-78-1	1142-06-78-2	1142-06-78-4			
	550 kgs (1200 lbs)	EQPU (Round)	1142-06-81-1	1142-06-81-2	1142-06-81-4			
	600 kgs (1320 lbs)	EQPU (Flat)	1142-06-81-1	1142-06-81-2	1142-06-81-4			
150mm x 45.5mm (6"x1-13/16")	260 kgs (570 lbs)	Rubber on Cast	1142-06-03-1	1142-06-03-2	1142-06-03-4			
150mm x 50mm (6" x 2")	450 kgs (990 lbs)	PU on AL Core (Flat)	1142-06(50)-108-1	1142-06(50)-108-2	1142-06(50)-108-4			
	500 kgs (1100 lbs)	QPU on AL Core (Flat)	1142-06(50)-87-1	1142-06(50)-87-2	1142-06(50)-87-4			
150mm x 51mm (6" x 2")	550 kgs (1210 lbs)	ZQPU (Dual Wheels)	1142-06-101-1	1142-06-101-2	1142-06-101-4			
180mm x 44mm (7" x 1-3/4")	450 kgs (990 lbs)	PU on AL Core (Round)	1142-07-108-1	1142-07-108-2	1142-07-108-4	Ball Bearing	238mm (9-3/8")	Swivel 140 mm Swivel W/AK Lock Brake 166 mm
	600 kgs (1320 lbs)	QPU on AL Core (Round)	1142-07-87-1	1142-07-87-2	1142-07-87-4			

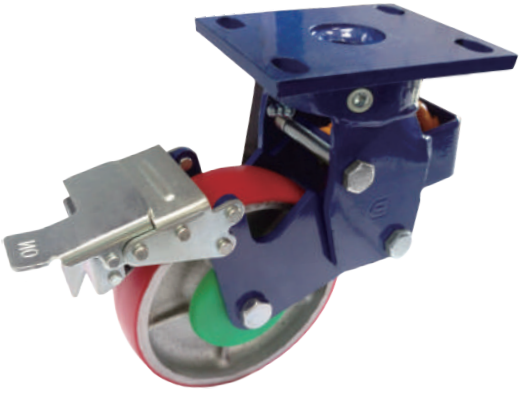
Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
180mm x 50mm (7" x 2")	450 kgs (990 lbs)	PU on Cast	1142-07-33-1	1142-07-33-2	1142-07-33-4	Ball Bearing	238mm (9-3/8")	Swivel 140mm Swivel W/AK Lock Brake 166mm
	600 kgs (1320 lbs)	QPU(Round)	1142-07-80-1	1142-07-80-2	1142-07-80-4			
	650 kgs (1430 lbs)	VPU (Round)	1142-07-82-1	1142-07-82-2	1142-07-82-4			
	650 kgs (1430 lbs)	XPU on Iron Core (Round)	1142-07-91-1	1142-07-91-2	1142-07-91-4			
	650 kgs (1430 lbs)	VQPU (Round Shape)	1142-07-83-1	1142-07-83-2	1142-07-83-4			
193mm x 46mm (7-3/5"x1-13/16")	300 kgs (660 lbs)	Rubber on Cast	1142-08-03-1	1142-08-03-2	—	Ball Bearing	244.5mm (9-5/8")	Swivel 146mm
200mm x 44mm (8"x1-3/4")	350 kgs (770 lbs)	NBR Rubber on Cast	1142-08-04-1	1142-08-04-2	1142-08-04-4	Ball Bearing	248mm (9-3/4")	Swivel 150mm Swivel W/AK Lock Brake 171mm
	350 kgs (770 lbs)	Non-marking Rubber on Cast	1142-08-11-1	1142-08-11-2	1142-08-11-4			
	350 kgs (770 lbs)	Non-marking NBR Rubber on Cast	1142-08-90-1	1142-08-90-2	1142-08-90-4			
	400 kgs (880 lbs)	Recilent rubber on AL Core	1142-08-89-1	1142-08-89-2	1142-08-89-4			
200mm x 45.5mm (8"x1-13/16")	550 kgs (1200 lbs)	Cast Iron	1142-08-14-1	1142-08-14-2	1142-08-14-4			
200mm x 50mm (8" x 2")	450 kgs (990 lbs)	PU on Cast	1142-08-33-1	1142-08-33-2	1142-08-33-4	Ball Bearing	248mm (9-3/4")	Swivel 150mm Swivel W/AK Lock Brake 171mm
	450 kgs (990 lbs)	Nylon	1142-08-07-1	1142-08-07-2	1142-08-07-4			
	750 kgs (1650 lbs)	PU on Cast (2050A/2050B)	1142-08-62-1	1142-08-62-2	1142-08-62-4			
	400 kgs (880 lbs)	CPD	1142-08-49-1	1142-08-49-2	1142-08-49-4			
	450 kgs (990 lbs)	WMRC	1142-08-45-1	1142-08-45-2	1142-08-45-4			
	500 kgs (1100 lbs)	PU on AL Core (Round)	1142-08-108-1	1142-08-108-2	1142-08-108-4			
	550 kgs (1200 lbs)	PU on AL Core (Flat)	1142-08-108-1	1142-08-108-2	1142-08-108-4			
	650 kgs (1430 lbs)	QPU on AL Core (Round)	1142-08-87-1	1142-08-87-2	1142-08-87-4			
	700 kgs (1540 lbs)	QPU on AL Core (Flat)	1142-08-87-1	1142-08-87-2	1142-08-87-4			
	670 kgs (1475 lbs)	QPU (Round)	1142-08-80-1	1142-08-80-2	1142-08-80-4			
	720 kgs (1580 lbs)	QPU (Flat)	1142-08-80-1	1142-08-80-2	1142-08-80-4			
	670 kgs (1475 lbs)	VPU (Round)	1142-08-82-1	1142-08-82-2	1142-08-82-4			
	800 kgs (1760 lbs)	VQPU (Round)	1142-08-83-1	1142-08-83-2	1142-08-83-4			
	1100 kgs (2420 lbs)	XPU on Iron Core (Round)	1142-08-91-1	1142-08-91-2	1142-08-91-4			
	650 kgs (1430 lbs)	EPU (Round Shape)	1142-08-78-1	1142-08-78-2	1142-08-78-4			
	700 kgs (1540 lbs)	EPU (Flat Shape)	1142-08-78-1	1142-08-78-2	1142-08-78-4			
	750 kgs (1650 lbs)	EQPU (Round Shape)	1142-08-81-1	1142-08-81-2	1142-08-81-4			
	800 kgs (1760 lbs)	EQPU (Flat Shape)	1142-08-81-1	1142-08-81-2	1142-08-81-4			
200mm x 51mm (8" x 2")	650 kgs (1430 lbs)	ZQPU (Dual Wheels)	1142-08-101-1	1142-08-101-2	1142-08-101-4			

1145 Series Kingpinless Spring-loaded Caster

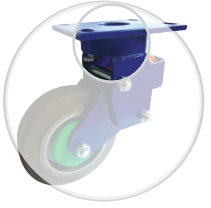
- DERSHENG'S patented products, shock-absorbing, heavy duty Kingpinless casters with hardened raceways for greater impact resistance to avoid distortions under heavy load. Made of super thick steel and high quality spring, outperforming most products from competitors.

Load
200-550 kg

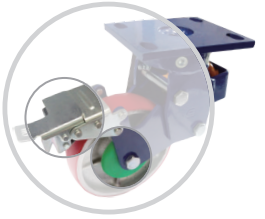




Features



Kingpinless



Swivel W/Center Lock(AK type)
Plastic Thread Guard(optional)



Different PU
tread handness available



Ball Bearing

Wheel Options



PU on Cast



QPU



QPU on AL Core



Non - marking NBR Rubber
on Cast



NBR Rubber on Cast



EPU輪
EPU



EQPU



VPU



VQPU



Nylon



WMRC

TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	110 x 140mm (4-11/32" x 5-1/2")	75 x 110mm (2-15/16" x 4-11/32")	12 mm (1/2")
	110 x 140mm (4-11/32" x 5-1/2")	80 x 105mm (3-5/32" x 4-1/8"(European Plate))	12 mm (1/2")
	130 x 165mm (5-1/8" x 6-1/2")	100 x 130mm (3-15/16" x 5-1/8")	12 mm (1/2")
	114 x 159mm (4-1/2" x 6-1/4")	73.8 x 129.4mm (2-29/32" x 5-3/32")	12 mm (1/2")

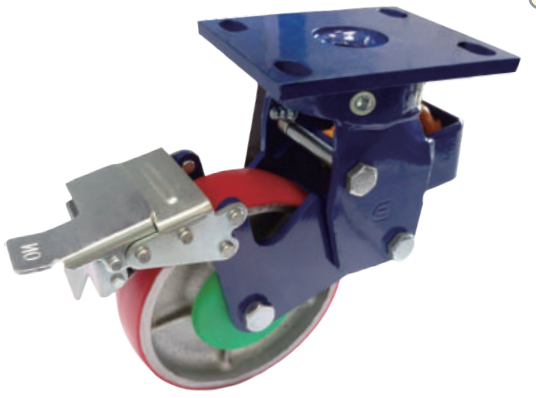
Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
125mm x 40mm (5" x 1-9/16")	200 kgs (440 lbs)	Nylon	1145-05-07-1	1145-05-07-2	1145-05-07-4	Ball Bearing	210mm (8-9/32")	Swivel 132mm Swivel W/AK lock brake 194mm
	200 kgs (440 lbs)	Non-marking NBR Rubber on Cast	1145-05-90-1	1145-05-90-2	1145-05-90-4			
	250 kgs (550 lbs)	QPU on AL Core	1145-05-87-1	1145-05-87-2	1145-05-87-4			
	200 kgs (440 lbs)	PU on Cast	1145-05-33-1	1145-05-33-2	1145-05-33-4			
	200 kgs (440 lbs)	NBR Rubber on Cast	1145-05-04-1	1145-05-04-2	1145-05-04-4			
	250 kgs (550 lbs)	QPU	1145-05-80-1	1145-05-80-2	1145-05-80-4			
	250 kgs (550 lbs)	EPU	1145-05-78-1	1145-05-78-2	1145-05-78-4			
	350 kgs (770 lbs)	EQPU	1145-05-81-1	1145-05-81-2	1145-05-81-4			
150mm x 40mm (6" x 1-9/16")	250 kgs (550 lbs)	NBR Rubber on Cast	1145-06-04-1	1145-06-04-2	1145-06-04-4	Ball Bearing	225mm (8-27/32")	Swivel 146mm Swivel W/AK lock brake 200mm
	250 kgs (550 lbs)	Nylon	1145-06-07-1	1145-06-07-2	1145-06-07-4			
	250 kgs (550 lbs)	Non-marking NBR Rubber on Cast	1145-06-90-1	1145-06-90-2	1145-06-90-4			
	250 kgs (550 lbs)	WMRC	1145-06-45-1	1145-06-45-2	1145-06-45-4			
150mm x 42mm (6" x 1-5/8")	250 kgs (550 lbs)	PU on Cast	1145-06-33-1	1145-06-33-2	1145-06-33-4			
	300 kgs (660 lbs)	QPU on AL Core	1145-06-87-1	1145-06-87-2	1145-06-87-4			
	300 kgs (660 lbs)	QPU	1145-06-80-1	1145-06-80-2	1145-06-80-4			
	300 kgs (660 lbs)	EPU	1145-06-78-1	1145-06-78-2	1145-06-78-4			
	400 kgs (880 lbs)	EQPU	1145-06-81-1	1145-06-81-2	1145-06-81-4			
	400 kgs (880 lbs)	VPU	1145-06-82-1	1145-06-82-2	1145-06-82-4			
	500 kgs (1100 lbs)	VQPU	1145-06-83-1	1145-06-83-2	1145-06-83-4			
150mm x 46mm (6" x 1-13/16")	300 kgs (660 lbs)	NBR Rubber on Cast	1145-06-04-1	1145-06-04-2	1145-06-04-4			
200mm x 44mm (8" x 1-3/4")	300 kgs (660 lbs)	NBR Rubber on Cast	1145-08-04-1	1145-08-04-2	1145-08-04-4	Ball Bearing	280mm (11-1/32")	Swivel 182mm Swivel W/AK lock brake 254mm
	300 kgs (660 lbs)	Non-marking NBR Rubber on Cast	1145-08-90-1	1145-08-90-2	1145-08-90-4			
200mm x 50mm (8" x 2")	300 kgs (660 lbs)	PU on Cast	1145-08-33-1	1145-08-33-2	1145-08-33-4			
	350 kgs (770 lbs)	QPU	1145-08-80-1	1145-08-80-2	1145-08-80-4			
	350 kgs (770 lbs)	EPU	1145-08-78-1	1145-08-78-2	1145-08-78-4			
	450 kgs (990 lbs)	EQPU	1145-08-81-1	1145-08-81-2	1145-08-81-4			
	450 kgs (990 lbs)	VPU	1145-08-82-1	1145-08-82-2	1145-08-82-4			
	550 kgs (1210 lbs)	VQPU	1145-08-83-1	1145-08-83-2	1145-08-83-4			
	300 kgs (660 lbs)	Nylon	1145-08-07-1	1145-08-07-2	1145-08-07-4			
	300 kgs (660 lbs)	WMRC	1145-08-45-1	1145-08-45-2	1145-08-45-4			
	350 kgs (770 lbs)	QPU on AL Core	1145-08-87-1	1145-08-87-2	1145-08-87-4			

1145-H Series Heavy Duty Kingpinless Spring-loaded Caster

DERSHENG'S patented products, shock-absorbing, heavy duty Kingpinless casters with hardened raceways for greater impact resistance to avoid distortions under heavy load. Made of super thick steel and high quality spring, outperforming most products from competitors.

Load
200-600kg

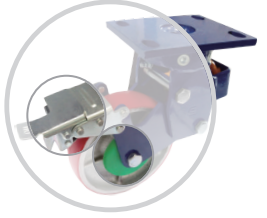




Features



Kingpinless



Swivel W/Center Lock(AK type)
Plastic Thread Guard(optional)



Different PU
tread handness available



Ball Bearing

Wheel Options



PU on Cast



QPU



QPU on AL Core



Non - marking NBR Rubber
on Cast



NBR Rubber on Cast



EQPU



VPU



VQPU



EPU

TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	110 x 140mm (4-11/32" x 5-1/2")	75 x 110mm (2-15/16" x 4-11/32")	12 mm (1/2")
	110 x 140mm (4-11/32" x 5-1/2")	80 x 105mm (3-5/32" x 4-1/8"(European Plate)	12 mm (1/2")
	130 x 165mm (5-1/8" x 6-1/2")	100 x 130mm (3-15/16" x 5-1/8")	12 mm (1/2")
	114 x 159mm (4-1/2" x 6-1/4")	73.8 x 129.4mm (2-29/32" x 5-3/32")	12 mm (1/2")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100mm x 36mm (4" x 1-7/16")	250 kgs (550 lbs)	PU on Cast	1145-H-04-33-1	1145-H-04-33-2	1145-H-04-33-4	Ball Bearing	198mm (7-13/16")	Swivel 96mm Swivel W/AK lock brake 164mm
	250 kgs (550 lbs)	QPU on AL Core	1145-H-04-87-1	1145-H-04-87-2	1145-H-04-87-4			
	300 kgs (660 lbs)	QPU	1145-H-04-80-1	1145-H-04-80-2	1145-H-04-80-4			
100mm x 38mm (4" x 1-1/2")	200 kgs (440 lbs)	Non-marking NBR Rubber on Cast	1145-H-04-90-1	1145-H-04-90-2	1145-H-04-90-4			
	200 kgs (440 lbs)	NBR Rubber on Cast	1145-H-04-04-1	1145-H-04-04-2	1145-H-04-04-4			
125mm x 40mm (5" x 1-9/16")	250 kgs (550 lbs)	Non-marking NBR Rubber on Cast	1145-H-05-90-1	1145-H-05-90-2	1145-H-05-90-4	Ball Bearing	210mm (8-9/32")	Swivel 132mm Swivel W/AK lock brake 194mm
	250 kgs (550 lbs)	PU on Cast	1145-H-05-33-1	1145-H-05-33-2	1145-H-05-33-4			
	250 kgs (550 lbs)	NBR Rubber on Cast	1145-H-05-04-1	1145-H-05-04-2	1145-H-05-04-4			
	300 kgs (660 lbs)	QPU on AL Core	1145-H-05-87-1	1145-H-05-87-2	1145-H-05-87-4			
	300 kgs (660 lbs)	QPU	1145-H-05-80-1	1145-H-05-80-2	1145-H-05-80-4			
	300 kgs (660 lbs)	EPU	1145-H-05-78-1	1145-H-05-78-2	1145-H-05-78-4			
	400 kgs (880 lbs)	EQPU	1145-H-05-81-1	1145-H-05-81-2	1145-H-05-81-4			
150mm x 40mm (6" x 1-9/16")	300 kgs (660 lbs)	NBR Rubber on Cast	1145-H-06-90-1	1145-H-06-04-2	1145-H-06-04-4	Ball Bearing	225mm (8-27/32")	Swivel 146mm Swivel W/AK lock brake 200mm
	300 kgs (660 lbs)	Non-marking NBR Rubber on Cast	1145-H-06-04-1	1145-H-06-90-2	1145-H-06-90-4			
150mm x 42mm (6" x 1-5/8")	300 kgs (660 lbs)	PU on Cast	1145-H-06-33-1	1145-H-06-33-2	1145-H-06-33-4			
	350 kgs (770 lbs)	QPU on AL Core	1145-H-06-87-1	1145-H-06-87-2	1145-H-06-87-4			
	350 kgs (770 lbs)	QPU	1145-H-06-80-1	1145-H-06-80-2	1145-H-06-80-4			
	350 kgs (770 lbs)	EPU	1145-H-06-78-1	1145-H-06-78-2	1145-H-06-78-4			
	450 kgs (990 lbs)	EQPU	1145-H-06-81-1	1145-H-06-81-2	1145-H-06-81-4			
	450 kgs (990 lbs)	VPU	1145-H-06-82-1	1145-H-06-82-2	1145-H-06-82-4			
	550 kgs (1210 lbs)	VQPU	1145-H-06-83-1	1145-H-06-83-2	1145-H-06-83-4			
150mm x 46mm (6" x 1-13/16")	350 kgs (770 lbs)	NBR Rubber on Cast	1145-H-06-04-1	1145-H-06-04-2	1145-H-06-04-4			
200mm x 44mm (8" x 1-3/4")	350 kgs (770 lbs)	NBR Rubber on Cast	1145-H-08 -04-1	1145-H-08-04-2	1145-H-08-04-4	Ball Bearing	280mm (11-1/32")	Swivel 182mm Swivel W/AK lock brake 254mm
	350 kgs (770 lbs)	Non-marking NBR Rubber on Cast	1145-H-08-90-1	1145-H-08-90-2	1145-H-08-90-4			
200mm x 50mm (8" x 2")	350 kgs (770 lbs)	PU on Cast	1145-H-08-33-1	1145-H-08-33-2	1145-H-08-33-4			
	400 kgs (880 lbs)	QPU	1145-H-08-80-1	1145-H-08-80-2	1145-H-08-80-4			
	400 kgs (880 lbs)	EPU	1145-H-08-78-1	1145-H-08-78-2	1145-H-08-78-4			
	400 kgs (880 lbs)	QPU on AL Core	1145-H-08-87-1	1145-H-08-87-2	1145-H-08-87-4			
	500 kgs (1100 lbs)	EQPU	1145-H-08-81-1	1145-H-08-81-2	1145-H-08-81-4			
	500 kgs (1100 lbs)	VPU	1145-H-08-82-1	1145-H-08-82-2	1145-H-08-82-4			
	600 kgs (1320 lbs)	VQPU	1145-H-08-83-1	1145-H-08-83-2	1145-H-08-83-4			

1152 Series Anti-Friction Caster (B Type)

Heavy duty caster with less resistance to move the equipment more efficiently, safely and effortlessly. This product is designed to minimize the manual starting, rolling and swiveling forces required to move equipments while at the same time, it is also build to survive the harshest towing application throughout various industries. With patented thread guards and dust covers to prevent swivel failure caused by build-up of strings between the wheel and fork legs, as well as the dust in the wheel bearing. Suitable for towing application and indoor transfer of material of finished goods, such as automobile, glass, textile, tyre industries, etc.

Load
220-2500kg

Saving force required by 30%





Features


Plastic Thread Guard(optinal)


Metal Thread Guard(optinal)


Swivel W/Center lock(AK Type)


Thread guard specially for textile industry(optinal)


Self-Align (optinal)


Different PU tread handness available

Wheel Options


PU on Cast


Rubber on Cast


NBR Rubber on Cast


Nylon


WMRC


QPU


Ball Bearing


PU on AL Core


CPD


Cast Iron


Non-marking Rubber on Cast


EQPU


PU on Cast (2050A/2050B)


ZQPU (Dual Wheels)


VPU


EPU


VQPU


XPU on Iron Core


Recilent rubber on AL Core


Non - marking NBR Rubber on Cast


QPU on AL Core

TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
5" 6" 8"	110 x 140 mm (4-11/32" x 5-1/2")	75 x 110 mm (2-15/16" x 4-11/32")	12 mm (1/2")
	110 x 140 mm (4-11/32" x 5-1/2")	80 x 105 mm (3-5/32" x 4-1/8")	12 mm (1/2")
	130 x 130 mm (5-1/8" x 5-1/8")	105 x 105 mm (4-1/8" x 4-1/8")	9 mm (3/8")
	130 x 130 mm (5-1/8" x 5-1/8")	105 x 105 mm (4-1/8" x 4-1/8")	12 mm (1/2")
	130 x 165 mm (5-1/8" x 6-1/2")	100 x 130 mm (3-15/16" x 5-1/8")	12 mm (1/2")
	114 x 159 mm (4-1/2" x 6-1/4")	73.8 x 129.4 mm (2-29/32" x 5-3/32")	12 mm (1/2")
10"	130 x 167 mm (5-1/8" x 6-9/16")	85 x 140 mm (3-11/32" x 5-1/2")	12 mm (1/2")
12"	130 x 167 mm (5-1/8" x 6-9/16")	85 x 140 mm (3-11/32" x 5-1/2")	12 mm (1/2")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
125mm x 40mm (5"x1-9/16")	340 kgs (750 lbs)	PU on Cast	1152-05-33-1	1152-05-33-2	1152-05-33-4	Ball Bearing	170mm (6-11/16")	Swivel 107mm Swivel W/AK Lock Brake 158mm
	220 kgs (485 lbs)	Rubber on Cast	1152-05-03-1	1152-05-03-2	1152-05-03-4			
	300 kgs (660 lbs)	Nylon	1152-05-07-1	1152-05-07-2	1152-05-07-4			
	300 kgs (660 lbs)	PU on AL Core (Round)	1152-05-108-1	1152-05-108-2	1152-05-108-4			
	350 kgs (770 lbs)	QPU on AL Core (Round)	1152-05-87-1	1152-05-87-2	1152-05-87-4			
	250 kgs (550 lbs)	NBR Rubber on Cast	1152-05-04-1	1152-05-04-2	1152-05-04-4			
	250 kgs (550 lbs)	CPD	1152-05-49-1	1152-05-49-2	1152-05-49-4			
	250 kgs (550 lbs)	Non-marking Rubber on Cast	1152-05-11-1	1152-05-11-2	1152-05-11-4			
	250 kgs (550 lbs)	Non-marking NBR Rubber on Cast	1152-05-90-1	1152-05-90-2	1152-05-90-4			
	300 kgs (660 lbs)	Recilent rubber on AL Core	1152-05-89-1	1152-05-89-2	1152-05-89-4			
	450 kgs (990 lbs)	QPU (Round)	1152-05-80-1	1152-05-80-2	1152-05-80-4			
	500 kgs (1100 lbs)	QPU (Flat)	1152-05-80-1	1152-05-80-2	1152-05-80-4			
	340 kgs (750 lbs)	EPU (Round Shape)	1152-05-78-1	1152-05-78-2	1152-05-78-4			
	390 kgs (860 lbs)	EPU (Flat Shape)	1152-05-78-1	1152-05-78-2	1152-05-78-4			
	450 kgs (990 lbs)	EQPU (Round Shape)	1152-05-81-1	1152-05-81-2	1152-05-81-4			
	500 kgs (1100 lbs)	EQPU (Flat Shape)	1152-05-81-1	1152-05-81-2	1152-05-81-4			
125mm x 50mm (5" x 2")	400 kgs (880 lbs)	PU on AL Core (Flat)	1152-05-108-1	1152-05-108-2	1152-05-108-4			
	450 kgs (990 lbs)	QPU on AL Core (Flat)	1152-05-87-1	1152-05-87-2	1152-05-87-4			
125mm x 51mm (5" x 2")	450 kgs (990 lbs)	ZQPU (Dual Wheels)	1152-05-101-1	1152-05-101-2	1152-05-101-4			
138mm x 36.5mm (5-7/16"x1-7/16")	700 kgs (1540 lbs)	Cast Iron	1152-06-14-1	1152-06-14-2	–	Ball Bearing	191mm (7-17/32")	Swivel 111mm
150mm x 40mm (6"x1-9/16")	350 kgs (770 lbs)	NBR Rubber on Cast	1152-06-04-1	1152-06-04-2	1152-06-04-4	Ball Bearing	197mm (7-3/4")	Swivel 119mm Swivel W/AK Lock Brake 160mm
	400 kgs (880 lbs)	Nylon	1152-06-07-1	1152-06-07-2	1152-06-07-4			
	350 kgs (770 lbs)	CPD	1152-06-49-1	1152-06-49-2	1152-06-49-4			
	300 kgs (660 lbs)	Non-marking Rubber on Cast	1152-06-11-1	1152-06-11-2	1152-06-11-4			
	300 kgs (660 lbs)	Non-marking NBR Rubber on Cast	1152-06-90-1	1152-06-90-2	1152-06-90-4			
	350 kgs (770 lbs)	Recilent rubber on AL Core	1152-06-89-1	1152-06-89-2	1152-06-89-4			
	400 kgs (880 lbs)	WMRC	1152-06-45-1	1152-06-45-2	1152-06-45-4			

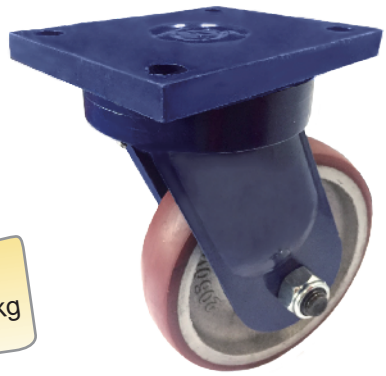
Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
150mm x 42mm (6"x1-5/8")	410 kgs (900 lbs)	PU on Cast	1152-06-33-1	1152-06-33-2	1152-06-33-4	Ball Bearing	197mm (7-3/4")	Swivel 119mm Swivel W/AK Lock Brake 160mm
	400 kgs (880 lbs)	PU on AL Core (Round)	1152-06-108-1	1152-06-108-2	1152-06-108-4			
	450 kgs (990 lbs)	QPU on AL Core (Round)	1152-06-87-1	1152-06-87-2	1152-06-87-4			
	550 kgs (1200 lbs)	QPU (Round)	1152-06-80-1	1152-06-80-2	1152-06-80-4			
	600 kgs (1320 lbs)	QPU(Flat)	1152-06-80-1	1152-06-80-2	1152-06-80-4			
	500 kgs (1100 lbs)	VPU (Round)	1152-06-82-1	1152-06-82-2	1152-06-82-4			
	670 kgs (1475 lbs)	VQPU (Round Shape)	1152-06-83-1	1152-06-83-2	1152-06-83-4			
	800 kgs (1760 lbs)	XPU on Iron Core (Round)	1152-06-91-1	1152-06-91-2	1152-06-91-4			
	410 kgs (900 lbs)	EPU (Round)	1152-06-78-1	1152-06-78-2	1152-06-78-4			
	460 kgs (1010 lbs)	EPU (Flat)	1152-06-78-1	1152-06-78-2	1152-06-78-4			
	550 kgs (1200 lbs)	EQPU (Round)	1152-06-81-1	1152-06-81-2	1152-06-81-4			
	600 kgs (1320 lbs)	EQPU (Flat)	1152-06-81-1	1152-06-81-2	1152-06-81-4			
150mm x 45.5mm (6"x1-13/16")	260 kgs (570 lbs)	Rubber on Cast	1152-06-03-1	1152-06-03-2	1152-06-03-4			
150mm x 50mm (6" x 2")	450 kgs (990 lbs)	PU on AL Core (Flat)	1152-06(50)-108-1	1152-06(50)-108-2	1152-06(50)-108-4			
	500 kgs (1100 lbs)	QPU on AL Core (Flat)	1152-06(50)-87-1	1152-06(50)-87-2	1152-06(50)-87-4			
150mm x 51mm	550 kgs (1210 lbs)	ZQPU (Dual Wheels)	1152-06-101-1	1152-06-101-2	1152-06-101-4			
180mm x 44mm (7" x 1-3/4")	450 kgs (990 lbs)	PU on AL Core (Round)	1152-07-108-1	1152-07-108-2	1152-07-108-4	Ball Bearing	238mm (9-3/8")	Swivel 154mm Swivel W/AK Lock Brake 179mm
	600 kgs (1320 lbs)	QPU on AL Core (Round)	1152-07-87-1	1152-07-87-2	1152-07-87-4			
180mm x 50mm (7" x 2")	450 kgs (990 lbs)	PU on Cast	1152-07-33-1	1152-07-33-2	1152-07-33-4			
	600 kgs (1320 lbs)	QPU(Round)	1152-07-80-1	1152-07-80-2	1152-07-80-4			
	650 kgs (1430 lbs)	VPU (Round)	1152-07-82-1	1152-07-82-2	1152-07-82-4			
	650 kgs (1430 lbs)	XPU on Iron Core (Round)	1152-07-91-1	1152-07-91-2	1152-07-91-4			
	650 kgs (1430 lbs)	VQPU (Round Shape)	1152-07-83-1	1152-07-83-2	1152-07-83-4			
193mm x 46mm (7-3/5"x1-13/16")	300 kgs (660 lbs)	Rubber on Cast	1152-08-03-1	1152-08-03-2	—	Ball Bearing	244.5mm (9-5/8")	Swivel 159mm
200mm x 44mm (8"x1-3/4")	350 kgs (770 lbs)	NBR Rubber on Cast	1152-08-04-1	1152-08-04-2	1152-08-04-4	Ball Bearing	248mm (9-3/4")	Swivel 164mm Swivel W/AK Lock Brake 184mm
	350 kgs (770 lbs)	Non-marking Rubber on Cast	1152-08-11-1	1152-08-11-2	1152-08-11-4			
	350 kgs (770 lbs)	Non-marking NBR Rubber on Cast	1152-08-90-1	1152-08-90-2	1152-08-90-4			
	400 kgs (880 lbs)	Recilent rubber on AL Core	1152-08-89-1	1152-08-89-2	1152-08-89-4			
200mm x 45.5mm (8"x1-13/16")	550 kgs (1200 lbs)	Cast Iron	1152-08-14-1	1152-08-14-2	1152-08-14-4			

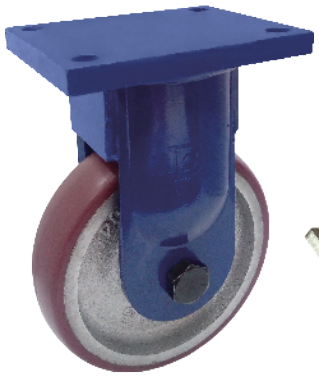
Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
200mm x 50mm (8" x 2")	450 kgs (990 lbs)	PU on Cast	1152-08-33-1	1152-08-33-2	1152-08-33-4	Ball Bearing	248mm (9-3/4")	Swivel 164mm Swivel W/AK Lock Brake 184mm
	450 kgs (990 lbs)	Nylon	1152-08-07-1	1152-08-07-2	1152-08-07-4			
	750 kgs (1650 lbs)	PU on Cast (2050A/2050B)	1152-08-62-1	1152-08-62-2	1152-08-62-4			
	400 kgs (880 lbs)	CPD	1152-08-49-1	1152-08-49-2	1152-08-49-4			
	450 kgs (990 lbs)	WMRC	1152-08-45-1	1152-08-45-2	1152-08-45-4			
	500 kgs (1100 lbs)	PU on AL Core (Round)	1152-08-108-1	1152-08-108-2	1152-08-108-4			
	550 kgs (1200 lbs)	PU on AL Core (Flat)	1152-08-108-1	1152-08-108-2	1152-08-108-4			
	650 kgs (1430 lbs)	QPU on AL Core (Round)	1152-08-87-1	1152-08-87-2	1152-08-87-4			
	700 kgs (1540 lbs)	QPU on AL Core (Flat)	1152-08-87-1	1152-08-87-2	1152-08-87-4			
	670 kgs (1475 lbs)	QPU (Round)	1152-08-80-1	1152-08-80-2	1152-08-80-4			
	720 kgs (1580 lbs)	QPU (Flat)	1152-08-80-1	1152-08-80-2	1152-08-80-4			
	670 kgs (1475 lbs)	VPU (Round)	1152-08-82-1	1152-08-82-2	1152-08-82-4			
	800 kgs (1760 lbs)	VQPU (Round)	1152-08-83-1	1152-08-83-2	1152-08-83-4			
	1100 kgs (2420 lbs)	XPU on Iron Core (Round)	1152-08-91-1	1152-08-91-2	1152-08-91-4			
	650 kgs (1430 lbs)	EPU (Round Shape)	1152-08-78-1	1152-08-78-2	1152-08-78-4			
	700 kgs (1540 lbs)	EPU (Flat Shape)	1152-08-78-1	1152-08-78-2	1152-08-78-4			
	750 kgs (1650 lbs)	EQPU (Round Shape)	1152-08-81-1	1152-08-81-2	1152-08-81-4			
	800 kgs (1760 lbs)	EQPU (Flat Shape)	1152-08-81-1	1152-08-81-2	1152-08-81-4			
200mm x 51mm (8" x 2")	650 kgs (1430 lbs)	ZQPU (Dual Wheels)	1152-08-101-1	1152-08-101-2	1152-08-101-4			
250mm x 50mm (10" x 2")	400 kgs (880 lbs)	NBR Rubber on Cast	1152-10-04-1	1152-10-04-2	1152-10-04-4	Ball Bearing	305mm (12")	Swivel 193 mm Swivel W/AK Lock Brake 205mm
	400 kgs (880 lbs)	Non-marking Rubber on Cast	1152-10-11-1	1152-10-11-2	1152-10-11-4			
	600 kgs (1320 lbs)	PU on Cast	1152-10-33-1	1152-10-33-2	1152-10-33-4			
	800 kgs (1760 lbs)	Nylon	1152-10-07-1	1152-10-07-2	1152-10-07-4			
250mm x 62mm (10"x2-7/16")	400 kgs (880 lbs)	NBR Rubber on Cast	1152-10(62)-04-1	1152-10(62)-04-2	1152-10(62)-04-4			
	400 kgs (880 lbs)	Non-marking Rubber on Cast	1152-10(62)-11-1	1152-10(62)-11-2	1152-10(62)-11-4			
	600 kgs (1320 lbs)	PU on Cast	1152-10-33-1	1152-10-33-2	1152-10-33-4			
	400 kgs (880 lbs)	Non-marking NBR Rubber on Cast	1152-10-90-1	1152-10-90-2	1152-10-90-4			
	900 kgs (1980 lbs)	QPU (Round)	1152-10-80-1	1152-10-80-2	1152-10-80-4			
	900 kgs (1980 lbs)	QPU (Flat)	1152-10-80-1	1152-10-80-2	1152-10-80-4			
	1000 kgs (2200 lbs)	VPU (Round)	1152-10-82-1	1152-10-82-2	1152-10-82-4			
	1200 kgs (2640 lbs)	VQPU (Round)	1152-10-83-1	1152-10-83-2	1152-10-83-4			
	1500 kgs (3300 lbs)	XPU on Iron Core	1152-10-91-1	1152-10-91-2	1152-10-91-4			

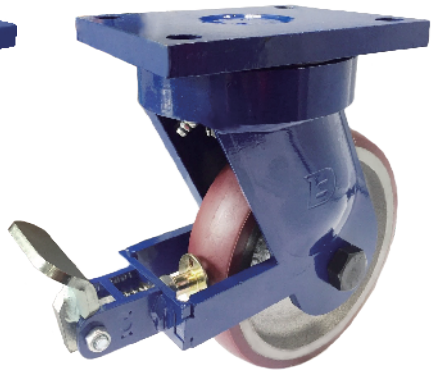
1162 Series Super Heavy Duty Casters (Single Wheel)

Ultimate super heavy duty caster built to meet the most demanding industrial application. Equipped with Dersheng's Xtremethane PU wheel, this caster is designed to carry heavy load for a long period of product life.

Load
650-2700 kg







Features

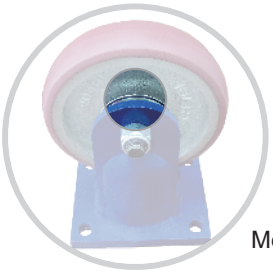


Tampered Bearing

The tampered bearing used in the horn provides strength to carry extra load, and absorb shock impact. Also, the tampered bearing is easy to be disassembled for maintence or replacement purpose.



Swivel W/KD Lock Brake



Metal Thread Guard (optional)

Wheel Options



XPU on Iron Core



XPU on Iron Core



Tampered Bearing

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
6" 8" 10"	175 x 140mm (6-7/8" x 5-1/2")	140 x 105mm (5-1/2" x 4-1/8")	16 mm (5/8")
10" 12"	255 x 200mm (10-1/16" x 7-7/8")	210 x 160mm (8-1/4" x 6-5/16")	20 mm (3/4")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
150mm x 42mm (6" x 1-5/8")	650 kgs (1435 lbs)	XPU on Iron Core(Round)	1162-06-91-1	1162-06-91-2	1162-06-91-4	Tampered Bearing	230mm (9-1/16")	Swivel 126mm Swivel W/KD lock brake 132mm
200mm x 50mm (8" x 2")	1000 kgs (2200 lbs)	XPU on Iron Core(Round)	1162-08-91-1	1162-08-91-2	1162-08-91-4	Tampered Bearing	280mm (11-1/32")	Swivel 163mm Swivel W/KD lock brake 163mm
200mm x 66mm (8" x 2-9/16")	1300 kgs (2870 lbs)	XPU on Iron Core(Round)	1162-08-96-1	1162-08-96-2	1162-08-96-4	Tampered Bearing	280mm (11-1/32")	Swivel 165mm Swivel W/KD lock brake 165mm
250mm x 62mm (10" x 2-7/16")	1600 kgs (3530 lbs)	XPU on Iron Core(Round)	1162-10-91-1	1162-10-91-2	1162-10-91-4	Tampered Bearing	330mm (13")	Swivel 189mm Swivel W/KD lock brake 189mm
250mm x 80mm (10" x 3-1/8")	2000 kgs (4410 lbs)	XPU on Iron Core(Flat)	1162-10-91(80)-1	1162-10-91(80)-2	1162-10-91(80)-4	Tampered Bearing	330mm (13")	Swivel 198mm Swivel W/KD lock brake 198mm
300mm x 90mm (12" x 3-17/32")	2700 kgs (6000 lbs)	XPU on Iron Core(Flat)	1162-12-91-1	1162-12-91-2	1162-12-91-4	Tampered Bearing	380mm (14-31/32")	Swivel 222mm Swivel W/KD lock brake 222mm

1162 Series Super Heavy Duty Casters (Dual Wheels)

Ultimate super heavy duty caster built to meet the most demanding industrial application. Equipped with Dersheng's Xtremethane PU wheel, this caster is designed to carry heavy load for a long period of product life.

Load
1200-4900 kg







Features



Tampered Bearing

The tampered bearing used in the horn provides strength to carry extra load, and absorb shock impact. Also, the tampered bearing is easy to be disassembled for maintence or replacement purpose.



Swivel W/KD Lock Brake

Wheel Options



XPU on Iron Core



XPU on Iron Core



Tampered Bearing

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
6" 8" 10" 12"	255 x 200mm (10-1/16" x 7-7/8")	210 x 160mm (8-1/4" x 6-5/16")	20 mm (3/4")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
150mm x 42mm (6" x 1-5/8")	1200 kgs (2645 lbs)	XPU on Iron Core(Round)	1162(D)-06-91-1	1162(D)-06-91-2	1162(D)-06-91-4	Tampered Bearing	230mm (9-1/16")	Swivel 140mm Swivel W/KD lock brake 143mm
200mm x 50mm (8" x 2")	1800 kgs (3970 lbs)	XPU on Iron Core(Round)	1162(D)-08-91-1	1162(D)-08-91-2	1162(D)-08-91-4	Tampered Bearing	280mm (11-1/32")	Swivel 168mm Swivel W/KD lock brake 168mm
200mm x 65mm (8" x 2-9/16")	2350 kgs (5180 lbs)	XPU on Iron Core(Round)	1162(D)-08-96-1	1162(D)-08-96-2	1162(D)-08-96-4	Tampered Bearing	280mm (11-1/32")	Swivel 178mm Swivel W/KD lock brake 178mm
250mm x 62mm (10" x 2-7/16")	2900 kgs (6400 lbs)	XPU on Iron Core(Round)	1162(D)-10-91-1	1162-10-91-2	1162-10-91-4	Tampered Bearing	330mm (13")	Swivel 205mm Swivel W/KD lock brake 205mm
250mm x 80mm (10" x 3-1/8")	3600 kgs (7940 lbs)	XPU on Iron Core(Flat)	1162(D)-10-91(80)-1	1162(D)-10-91(80)-2	1162(D)-10-91(80)-4	Tampered Bearing	330mm (13")	Swivel 218mm Swivel W/KD lock brake 218mm
300mm x 90mm (12" x 3-17/32")	4900 kgs (10800 lbs)	XPU on Iron Core(Flat)	1162(D)-12-91-1	1162(D)-12-91-2	1162(D)-12-91-4	Tampered Bearing	390mm (15-23/64")	Swivel 248mm Swivel W/KD lock brake 248mm

1163 Series Eccentric Caster

Load 200-1100 kg

- Der Sheng's Eccentric Caster is a highly engineered caster designed to reduce the force needed to push or pull carts. The swivel caster design features with two precision machined offsetting ball races in a compact assembly to minimize the caster lock up issue happened from time to time. A typical swivel assembly in a caster has only one pivot point. The Der Sheng's Eccentric caster essentially provides a second pivot point that reduces the startup force to get the cart moving when lock up in present. By minimizing the lock up issue and reducing the startup force. Der Sheng's Eccentric Caster is especially fit for application like AMR/AGV and Cart/Equipments carrying extra heavy load while requiring effortless maneuverability.

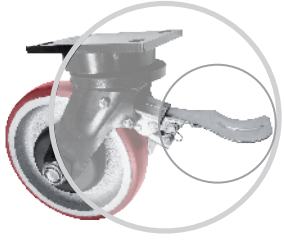




Features


Metal Thread Guard (optional)


Plastic Thread Guard (optional)


Swivel W/Center Lock Brake


Different PU
Tread hardness available

Wheel Options


PU on Cast


PU on AL Core


NBR Rubber on Cast


Nylon


WMRC


QPU


ZQPU (Dual Wheels)


Ball Bearing


VQPU


EPU


Non-marking Rubber on Cast


PU on Cast (2050A/2050B)


EQPU


VPU


XPU on Iron Core


Recilent rubber on AL Core


Non - marking NBR Rubber on Cast


QPU on AL Core

TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
4"	90 x 120 mm (3-17/32" x 4-23/32")	60 x 90 mm (2-3/8" x 3-17/32")	11 mm (7/16")
5,6,8"	110 x 140 mm (4-11/32" x 5-1/2")	75 x 110 mm (2-15/16" x 4-11/32")	12 mm (1/2")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100mm x 32mm (4"x1-1/4")	250 kgs (550 lbs)	Nylon	1163-04-07-1	1163-04-07-2	1163-04-07-4	Ball Bearing	147mm (5-25/32")	Swivel 116mm Swivel W/Center Lock Brake 116mm
100mm x 34mm (4"x1-3/8")	335 kgs (735 lbs)	QPU (Round)	1163-04-80-1	1163-04-80-2	1163-04-80-4			
	385 kgs (845 lbs)	QPU (Flat)	1163-04-80-1	1163-04-80-2	1163-04-80-4			
100mm x 36mm (4"x1-7/16")	250 kgs (550 lbs)	PU on Cast	1163-04-33-1	1163-04-33-2	1163-04-33-4			
	250 kgs (550 lbs)	PU on AL Core (Round)	1163-04-108-1	1163-04-108-2	1163-04-108-4			
	300 kgs (660 lbs)	QPU on AL Core (Round)	1163-04-87-1	1163-04-87-2	1163-04-87-4			
100mm x 38mm (4"x1-1/2")	200 kgs (440 lbs)	NBR Rubber on Cast	1163-04-04-1	1163-04-04-2	1163-04-04-4			
	200 kgs (440 lbs)	Non-marking Rubber on Cast	1163-04-11-1	1163-04-11-2	1163-04-11-4			
	200 kgs (440 lbs)	Non-marking NBR Rubber on Cast	1163-04-90-1	1163-04-90-2	1163-04-90-4			
100mm x 40mm (4"x1-9/16")	275 kgs (600 lbs)	PU on AL Core (Round)	1163-04-108-1	1163-04-108-2	1163-04-108-4			
	200 kgs (440 lbs)	Recilent rubber on AL Core	1163-04-89-1	1163-04-89-2	1163-04-89-4			
	325 kgs (715 lbs)	QPU on AL Core (Round)	1163-04-87-1	1163-04-87-2	1163-04-87-4			
100mm x 46.5mm (4"x1-13/16")	335 kgs (735 lbs)	ZQPU (Dual Wheels)	1163-04-101-1	1163-04-101-2	1163-04-101-4			
125mm x 40mm (5"x1-9/16")	340 kgs (750 lbs)	PU on Cast	1163-05-33-1	1163-05-33-2	1163-05-33-4	Ball Bearing	170mm (6-11/16")	Swivel 128.5mm Swivel W/Center Lock Brake 128.5mm
	300 kgs (660 lbs)	Nylon	1163-05-07-1	1163-05-07-2	1163-05-07-4			
	300 kgs (660 lbs)	PU on AL Core (Round)	1163-05-108-1	1163-05-108-2	1163-05-108-4			
	350 kgs (770 lbs)	QPU on AL Core (Round)	1163-05-87-1	1163-05-87-2	1163-05-87-4			
	250 kgs (550 lbs)	NBR Rubber on Cast	1163-05-04-1	1163-05-04-2	1163-05-04-4			
	250 kgs (550 lbs)	Non-marking Rubber on Cast	1163-05-11-1	1163-05-11-2	1163-05-11-4			
	250 kgs (550 lbs)	Non-marking NBR Rubber on Cast	1163-05-90-1	1163-05-90-2	1163-05-90-4			
	450 kgs (990 lbs)	QPU (Round)	1163-05-80-1	1163-05-80-2	1163-05-80-4			
	500 kgs (1100 lbs)	QPU (Flat)	1163-05-80-1	1163-05-80-2	1163-05-80-4			
	340 kgs (750 lbs)	EPU (Round Shape)	1163-05-78-1	1163-05-78-2	1163-05-78-4			
	390 kgs (860 lbs)	EPU (Flat Shape)	1163-05-78-1	1163-05-78-2	1163-05-78-4			
	450 kgs (990 lbs)	EQPU (Round Shape)	1163-05-81-1	1163-05-81-2	1163-05-81-4			
	500 kgs (1100 lbs)	EQPU (Flat Shape)	1163-05-81-1	1163-05-81-2	1163-05-81-4			

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
125mm x 50mm (5" x 2")	400 kgs (880 lbs)	PU on AL Core (Flat)	1163-05-108-1	1163-05-108-2	1163-05-108-4	Ball Bearing	170mm (6-11/16")	Swivel 128.5mm Swivel W/Center Lock Brake 128.5mm
	450 kgs (990 lbs)	QPU on AL Core (Flat)	1163-05-87-1	1163-05-87-2	1163-05-87-4			
125mm x 51mm (5" x 2")	450 kgs (990 lbs)	ZQPU (Dual Wheels)	1163-05-101-1	1163-05-101-2	1163-05-101-4			
150mm x 40mm (6"x1-9/16")	400 kgs (880 lbs)	Nylon	1163-06-07-1	1163-06-07-2	1163-06-07-4	Ball Bearing	197mm (7-3/4")	Swivel 153.5mm Swivel W/Center Lock Brake 153.5mm
	350 kgs (770 lbs)	NBR Rubber on Cast	1163-06-04-1	1163-06-04-2	1163-06-04-4			
	300 kgs (660 lbs)	Non-marking Rubber on Cast	1163-06-11-1	1163-06-11-2	1163-06-11-4			
	300 kgs (660 lbs)	Non-marking NBR Rubber on Cast	1163-06-90-1	1163-06-90-2	1163-06-90-4			
	400 kgs (880 lbs)	WMRC	1163-06-45-1	1163-06-45-2	1163-06-45-4			
150mm x 42mm (6"x1-5/8")	410 kgs (900 lbs)	PU on Cast	1163-06-33-1	1163-06-33-2	1163-06-33-4			
	400 kgs (880 lbs)	PU on AL Core (Round)	1163-06-108-1	1163-06-108-2	1163-06-108-4			
	450 kgs (990 lbs)	QPU on AL Core (Round)	1163-06-87-1	1163-06-87-2	1163-06-87-4			
	550 kgs (1200 lbs)	QPU (Round)	1163-06-80-1	1163-06-80-2	1163-06-80-4			
	600 kgs (1320 lbs)	QPU(Flat)	1163-06-80-1	1163-06-80-2	1163-06-80-4			
	500 kgs (1100 lbs)	VPU (Round)	1163-06-82-1	1163-06-82-2	1163-06-82-4			
	670 kgs (1475 lbs)	VQPU (Round Shape)	1163-06-83-1	1163-06-83-2	1163-06-83-4			
	800 kgs (1760 lbs)	XPU on Iron Core (Round)	1163-06-91-1	1163-06-91-2	1163-06-91-4			
	410 kgs (900 lbs)	EPU (Round)	1163-06-78-1	1163-06-78-2	1163-06-78-4			
	460 kgs (1010 lbs)	EPU (Flat)	1163-06-78-1	1163-06-78-2	1163-06-78-4			
	550 kgs (1200 lbs)	EQPU (Round)	1163-06-81-1	1163-06-81-2	1163-06-81-4			
	600 kgs (1320 lbs)	EQPU (Flat)	1163-06-81-1	1163-06-81-2	1163-06-81-4			
150mm x 50mm (6" x 2")	450 kgs (990 lbs)	PU on AL Core (Flat)	1163-06(50)-108-1	1163-06(50)-108-2	1163-06(50)-108-4			
	500 kgs (1100 lbs)	QPU on AL Core (Flat)	1163-06(50)-87-1	1163-06(50)-87-2	1163-06(50)-87-4			
150mm x 51mm	550 kgs (1210 lbs)	ZQPU (Dual Wheels)	1163-06-101-1	1163-06-101-2	1163-06-101-4			
180mm x 44mm (7" x 1-3/4")	450 kgs (990 lbs)	PU on AL Core (Round)	1163-07-108-1	1163-07-108-2	1163-07-108-4	Ball Bearing	238mm (9-3/8")	Swivel 181.5mm Swivel W/Center Lock Brake 181.5mm
	600 kgs (1320 lbs)	QPU on AL Core (Round)	1163-07-87-1	1163-07-87-2	1163-07-87-4			

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
180mm x 50mm (7" x 2")	450 kgs (990 lbs)	PU on Cast	1163-07-33-1	1163-07-33-2	1163-07-33-4	Ball Bearing	238mm (9-3/8")	Swivel 181.5mm Swivel W/Center Lock Brake 181.5mm
	600 kgs (1320 lbs)	QPU(Round)	1163-07-80-1	1163-07-80-2	1163-07-80-4			
	650 kgs (1430 lbs)	VPU (Round)	1163-07-82-1	1163-07-82-2	1163-07-82-4			
	650 kgs (1430 lbs)	XPU on Iron Core (Round)	1163-07-91-1	1163-07-91-2	1163-07-91-4			
	650 kgs (1430 lbs)	VQPU (Round Shape)	1163-07-83-1	1163-07-83-2	1163-07-83-4			
200mm x 44mm (8"x1-3/4")	350 kgs (770 lbs)	NBR Rubber on Cast	1163-08-04-1	1163-08-04-2	1163-08-04-4	Ball Bearing	248mm (9-3/4")	Swivel 191.5mm Swivel W/Center Lock Brake 191.5mm
	350 kgs (770 lbs)	Non-marking Rubber on Cast	1163-08-11-1	1163-08-11-2	1163-08-11-4			
	350 kgs (770 lbs)	Non-marking NBR Rubber on Cast	1163-08-90-1	1163-08-90-2	1163-08-90-4			
	400 kgs (880 lbs)	Recilent rubber on AL Core	1163-08-89-1	1163-08-89-2	1163-08-89-4			
200mm x 50mm (8" x 2")	450 kgs (990 lbs)	PU on Cast	1163-08-33-1	1163-08-33-2	1163-08-33-4	Ball Bearing	248mm (9-3/4")	Swivel 191.5mm Swivel W/Center Lock Brake 191.5mm
	450 kgs (990 lbs)	Nylon	1163-08-07-1	1163-08-07-2	1163-08-07-4			
	750 kgs (1650 lbs)	PU on Cast (2050A/2050B)	1163-08-62-1	1163-08-62-2	1163-08-62-4			
	450 kgs (990 lbs)	WMRC	1163-08-45-1	1163-08-45-2	1163-08-45-4			
	500 kgs (1100 lbs)	PU on AL Core (Round)	1163-08-108-1	1163-08-108-2	1163-08-108-4			
	550 kgs (1200 lbs)	PU on AL Core (Flat)	1163-08-108-1	1163-08-108-2	1163-08-108-4			
	650 kgs (1430 lbs)	QPU on AL Core (Round)	1163-08-87-1	1163-08-87-2	1163-08-87-4			
	700 kgs (1540 lbs)	QPU on AL Core (Flat)	1163-08-87-1	1163-08-87-2	1163-08-87-4			
	670 kgs (1475 lbs)	QPU (Round)	1163-08-80-1	1163-08-80-2	1163-08-80-4			
	720 kgs (1580 lbs)	QPU (Flat)	1163-08-80-1	1163-08-80-2	1163-08-80-4			
	670 kgs (1475 lbs)	VPU (Round)	1163-08-82-1	1163-08-82-2	1163-08-82-4			
	800 kgs (1760 lbs)	VQPU (Round)	1163-08-83-1	1163-08-83-2	1163-08-83-4			
	1100 kgs (2420 lbs)	XPU on Iron Core (Round)	1163-08-91-1	1163-08-91-2	1163-08-91-4			
	650 kgs (1430 lbs)	EPU (Round Shape)	1163-08-78-1	1163-08-78-2	1163-08-78-4			
	700 kgs (1540 lbs)	EPU (Flat Shape)	1163-08-78-1	1163-08-78-2	1163-08-78-4			
	750 kgs (1650 lbs)	EQPU (Round Shape)	1163-08-81-1	1163-08-81-2	1163-08-81-4			
	800 kgs (1760 lbs)	EQPU (Flat Shape)	1163-08-81-1	1163-08-81-2	1163-08-81-4			
200mm x 51mm	650 kgs (1430 lbs)	ZQPU (Dual Wheels)	1163-08-101-1	1163-08-101-2	1163-08-101-4			

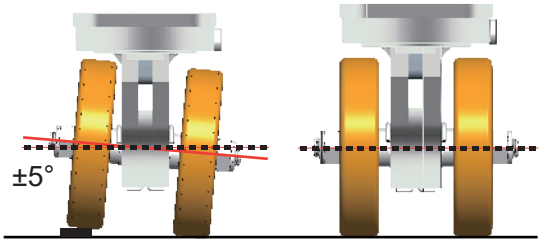
1163-1 Series Self-balancing Caster

Der Sheng's Self-balancing Caster has the newly developed tilting structure which can tilt freely according to the flatness of the ground while at the same time, it also maintains stability and effectively reduces the wobble of the caster when rotating. Two wheels are under force at the same time minimize wear and tear, thus extending service life. The caster design features elastic and noise reduction functions. Dersheng's Self-balancing Caster fork is made of high tensile steel with harden raceway to provide long lasting service life and extreme high load capacity while maintaining low profile and overall height. It is suitable for application like AMR/AGV and robotic industry products.

Load 150-700 kg

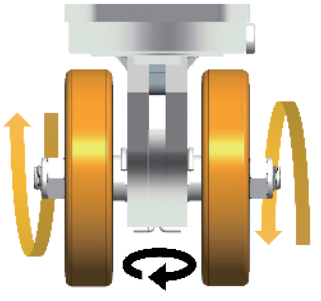


Features

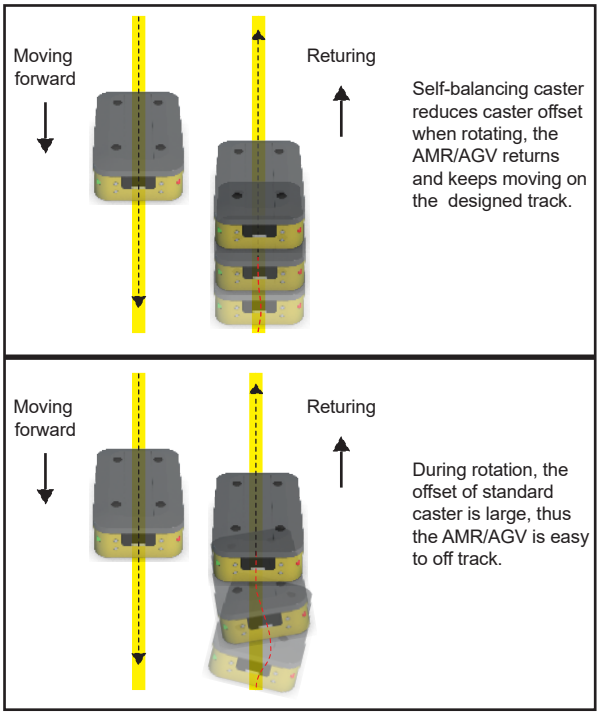


The caster can tilt freely in the range of ±5° from its central axis, it can easily cross uneven ground and small obstacles, also can maintain stability and protect the loaded products.

The split wheel rotates in different directions when AMR/AGV rotates, after reaching the position, they start to rotate in the same direction.This structure can effictively reduce caster offset and prevent the AMG/AGV from leaving the track.



The dual wheels structure effectively reduce caster offset when rotating, and prevent the AMR/AGV from leaving the track



Wheel Options


EQPU


XPU on Iron Core


ZQPU


Ball Bearing

TOP PLATE SIZE AND BOLT HOLE SPACING

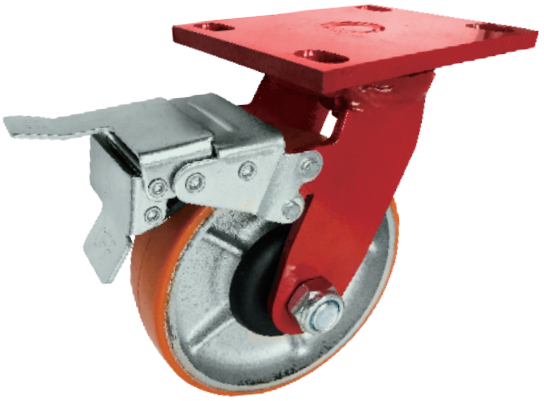
Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
2”	62 x 90 mm (2-1/2" x 3-1/2")	44.5 x 73 mm 1-3/4" x 3-1/8"	8mm (5/16")
2” 2.5” 3”	64 x 96 mm (2-1/2" x 3-25/32")	45 x 75 mm 1-3/4" x 3"	6.35mm (1/4")
2” 2.5” 3” 3.2” 4” 5” 6”	85 x 110mm(3-5/16" x 4-11/32")	60 x 80mm 2-3/8" x 3-1/8" (European Plate)	8mm (5/16")
3.2” 4” 5” 6”	110 x 140 mm (4-11/32" x 5-1/2")	75 x 110 mm (2-15/16" x 4-11/32")	12 mm (1/2")

	Diameter×Width	Load	Material	Item No. Swivel	Bearing	Overall Height	Offset	Swivel radius
Light Duty	50mm x 20mm (2"x 0.79")	70kgs (154 lbs)	ZQPU輪 ZQPU	1163(1)-02-115-2	Ball Bearing	79 mm	20.5 mm	55 mm
	62.5mm x 20mm (2.5"x 0.79")	150kgs (330 lbs)	ZQPU	1163(1)-25-115-2		94 mm	24 mm	65 mm
	75mm x 20mm (3"x 0.79")	180kgs (396 lbs)	ZQPU	1163(1)-03-115-2		105 mm	22 mm	69 mm
Medium Duty	75mm x 30mm (3"x 1.18")	300kgs (660 lbs)	QPU	1163(1)-03-81-2	Ball Bearing	105 mm	22 mm	72 mm
	100mm x 22mm (4"x 0.87")	280kgs (616 lbs)	ZQPU	1163(1)-04-115-2		130 mm	30 mm	91 mm
	125mm x 24mm (5"x 1")	330kgs (726 lbs)	ZQPU	1163(1)-05-115-2		155 mm	33 mm	104 mm
	150mm x 24mm (6"x 1")	380kgs (836 lbs)	ZQPU	1163(1)-06-115-2		180 mm	35 mm	118 mm
Heavy Duty	80mm x 35mm (3.2"x 1.38")	400kgs (880 lbs)	XPU	1163(1)-03-96-2	Ball Bearing	110 mm	30 mm	90 mm
	100mm x 32mm (4"x 1.26")	400kgs (880 lbs)	QPU (Round)	1163(1)-04-81-2		130 mm	30 mm	99 mm
Extra Heavy Duty	80mm x 42mm (3.2"x 1.65")	550kgs (1210 lbs)	XPU	1163(1)-03-96-2(1)	Ball Bearing	110 mm	30 mm	93 mm
	125mm x 40mm (5"x 1.57")	600kgs (1320 lbs)	EQPU (Round)	1163(1)-05-81-2		155 mm	33 mm	113 mm
	150mm x 42mm (6"x 1.65")	700kgs (1540 lbs)	EQPU (Round)	1163(1)-06-81-2		180 mm	35 mm	127 mm

157 Series 57 Series Caster

- Swivel easily under heavy load with heat-treated swivel head; ideal for heavy-duty workshop trucks in automobile, glass, textile industries, etc. Patented thread guards and dust covers prevent swivel failure caused by build-up of strings between the wheel and fork legs,as well as the dust in the wheel bearing.

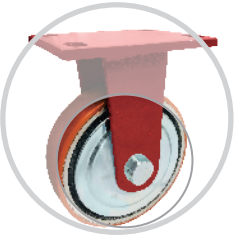
Load
200-750 kg

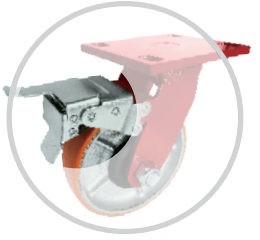




Features


Thread guard specially
for textfile industry(optional)


Metal Thread Guard(optional)


Swivel W/Center lock(AK type)
Plastic Thread Guard(optional)


Different PU
tread handness available

Wheel Options


PU on Cast


Rubber on Cast


NBR Rubber on Cast


Nylon


WMRC


QPU


Ball Bearing


PU on AL Core


CPD


Cast Iron


Non-marking
Rubber on Cast


EQPU


PU on Cast (2050A/2050B)


ZQPU (Dual Wheels)


VPU


EPU


VQPU


XPU on Iron Core


Recilent rubber on AL Core


Non - marking NBR
Rubber on Cast


QPU on AL Core

TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
4"	90 x 120 mm (3-17/32" x 4-23/32")	60 x 90 mm (2-3/8" x 3-17/32")	11 mm (7/16")
	100 x 115 mm (4" x 4-1/2")	75 x 80 mm (2-5/8"~3" x 3~3-5/8")	9.5 mm (3/8")
5,6,8"	110 x 140 mm (4-11/32" x 5-1/2")	75 x 110 mm (2-15/16" x 4-11/32")	12 mm (1/2")
	100 x 115 mm (4" x 4-1/2")	75 x 80 mm (2-5/8"~3" x 3~3-5/8")	9.5 mm (3/8")

Diameter x Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100mm x 32mm (4"x1-1/4")	250 kgs (550 lbs)	Nylon	1157-04-07-1	1157-04-07-2	1157-04-07-4	Ball Bearing	147mm (5-25/32")	Swivel 92mm Swivel W/AK Lock Brake 141mm
	200 kgs (440 lbs)	CPD	1157-04-49-1	1157-04-49-2	1157-04-49-4			
100mm x 34mm (4"x1-3/8")	335 kgs (735 lbs)	QPU (Round)	1157-04-80-1	1157-04-80-2	1157-04-80-4			
	385 kgs (845 lbs)	QPU (Flat)	1157-04-80-1	1157-04-80-2	1157-04-80-4			
100mm x 36mm (4"x1-7/16")	250 kgs (550 lbs)	PU on Cast	1157-04-33-1	1157-04-33-2	1157-04-33-4			
	200 kgs (440 lbs)	Rubber on Cast	1157-04-03-1	1157-04-03-2	1157-04-03-4			
	250 kgs (550 lbs)	PU on AL Core (Round)	1157-04-108-1	1157-04-108-2	1157-04-108-4			
	300 kgs (660 lbs)	QPU on AL Core (Round)	1157-04-87-1	1157-04-87-2	1157-04-87-4			
100mm x 38mm (4"x1-1/2")	200 kgs (440 lbs)	NBR Rubber on Cast	1157-04-04-1	1157-04-04-2	1157-04-04-4			
	200 kgs (440 lbs)	Non-marking Rubber on Cast	1157-04-11-1	1157-04-11-2	1157-04-11-4			
	200 kgs (440 lbs)	Non-marking NBR Rubber on Cast	1157-04-90-1	1157-04-90-2	1157-04-90-4			
100mm x 40mm (4"x1-9/16")	275 kgs (600 lbs)	PU on AL Core (Round)	1157-04-108-1	1157-04-108-2	1157-04-108-4			
	200 kgs (440 lbs)	Recilent rubber on AL Core	1157-04-89-1	1157-04-89-2	1157-04-89-4			
	325 kgs (715 lbs)	QPU on AL Core (Round)	1157-04-87-1	1157-04-87-2	1157-04-87-4			
100mm x 46.5mm (4"x1-13/16")	335 kgs (735 lbs)	ZQPU (Dual Wheels)	1157-04-101-1	1157-04-101-2	1157-04-101-4			
122mm x 36.5mm (4-13/16"x1-7/16")	600 kgs (1320 lbs)	Cast Iron	1157-04-14-1	1157-04-14-2	1157-04-14-4	Ball Bearing	168.5mm (6-5/8")	Swivel 103mm

Diameter x Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
125mm x 40mm (5"x1-9/16")	340 kgs (750 lbs)	PU on Cast	1157-05-33-1	1157-05-33-2	1157-05-33-4	Ball Bearing	170mm (6-11/16")	Swivel 107mm Swivel W/AK Lock Brake 158mm
	220 kgs (485 lbs)	Rubber on Cast	1157-05-03-1	1157-05-03-2	1157-05-03-4			
	300 kgs (660 lbs)	Nylon	1157-05-07-1	1157-05-07-2	1157-05-07-4			
	300 kgs (660 lbs)	PU on AL Core (Round)	1157-05-108-1	1157-05-108-2	1157-05-108-4			
	350 kgs (770 lbs)	QPU on AL Core (Round)	1157-05-87-1	1157-05-87-2	1157-05-87-4			
	250 kgs (550 lbs)	NBR Rubber on Cast	1157-05-04-1	1157-05-04-2	1157-05-04-4			
	250 kgs (550 lbs)	CPD	1157-05-49-1	1157-05-49-2	1157-05-49-4			
	250 kgs (550 lbs)	Non-marking Rubber on Cast	1157-05-11-1	1157-05-11-2	1157-05-11-4			
	250 kgs (550 lbs)	Non-marking NBR Rubber on Cast	1157-05-90-1	1157-05-90-2	1157-05-90-4			
	300 kgs (660 lbs)	Recilent rubber on AL Core	1157-05-89-1	1157-05-89-2	1157-05-89-4			
	450 kgs (990 lbs)	QPU (Round)	1157-05-80-1	1157-05-80-2	1157-05-80-4			
	500 kgs (1100 lbs)	QPU (Flat)	1157-05-80-1	1157-05-80-2	1157-05-80-4			
	340 kgs (750 lbs)	EPU (Round Shape)	1157-05-78-1	1157-05-78-2	1157-05-78-4			
	390 kgs (860 lbs)	EPU (Flat Shape)	1157-05-78-1	1157-05-78-2	1157-05-78-4			
	450 kgs (990 lbs)	EQPU (Round Shape)	1157-05-81-1	1157-05-81-2	1157-05-81-4			
	500 kgs (1100 lbs)	EQPU (Flat Shape)	1157-05-81-1	1157-05-81-2	1157-05-81-4			
125mm x 50mm (5" x 2")	400 kgs (880 lbs)	PU on AL Core (Flat)	1157-05-108-1	1157-05-108-2	1157-05-108-4	Ball Bearing	170mm (6-11/16")	Swivel 107mm Swivel W/AK Lock Brake 158mm
	450 kgs (990 lbs)	QPU on AL Core (Flat)	1157-05-87-1	1157-05-87-2	1157-05-87-4			
125mm x 51mm (5" x 2")	450 kgs (990 lbs)	ZQPU (Dual Wheels)	1157-05-101-1	1157-05-101-2	1157-05-101-4			
138mm x 36.5mm (5-7/16"x1-7/16")	700 kgs (1540 lbs)	Cast Iron	1157-06-14-1	1157-06-14-2	–	Ball Bearing	191mm (7-17/32")	Swivel 111mm
150mm x 40mm (6"x1-9/16")	350 kgs (770 lbs)	NBR Rubber on Cast	1157-06-04-1	1157-06-04-2	1157-06-04-4	Ball Bearing	197mm (7-3/4")	Swivel 119mm Swivel W/AK Lock Brake 160mm
	400 kgs (880 lbs)	Nylon	1157-06-07-1	1157-06-07-2	1157-06-07-4			
	350 kgs (770 lbs)	CPD	1157-06-49-1	1157-06-49-2	1157-06-49-4			
	300 kgs (660 lbs)	Non-marking Rubber on Cast	1157-06-11-1	1157-06-11-2	1157-06-11-4			
	300 kgs (660 lbs)	Non-marking NBR Rubber on Cast	1157-06-90-1	1157-06-90-2	1157-06-90-4			
	350 kgs (770 lbs)	Recilent Rubber on AL Core	1157-06-89-1	1157-06-89-2	1157-06-89-4			
	400 kgs (880 lbs)	WMRC	1157-06-45-1	1157-06-45-2	1157-06-45-4			

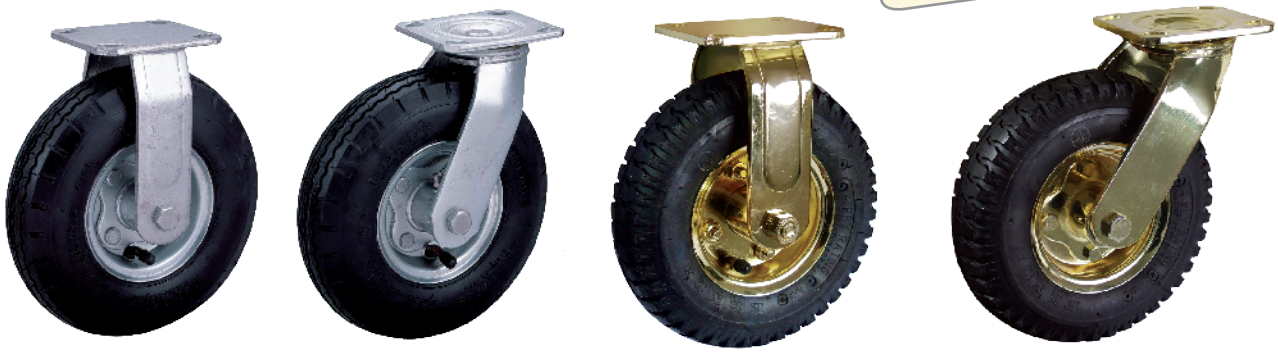
Diameter x Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
150mm x 42mm (6"x1-5/8")	410 kgs (900 lbs)	PU on Cast	1157-06-33-1	1157-06-33-2	1157-06-33-4	Ball Bearing	197mm (7-3/4")	Swivel 119mm Swivel W/AK Lock Brake 160mm
	400 kgs (880 lbs)	PU on AL Core (Round)	1157-06-108-1	1157-06-108-2	1157-06-108-4			
	450 kgs (990 lbs)	QPU on AL Core (Round)	1157-06-87-1	1157-06-87-2	1157-06-87-4			
	550 kgs (1200 lbs)	QPU (Round)	1157-06-80-1	1157-06-80-2	1157-06-80-4			
	600 kgs (1320 lbs)	QPU(Flat)	1157-06-80-1	1157-06-80-2	1157-06-80-4			
	500 kgs (1100 lbs)	VPU (Round)	1157-06-82-1	1157-06-82-2	1157-06-82-4			
	670 kgs (1475 lbs)	VQPU (Round Shape)	1157-06-83-1	1157-06-83-2	1157-06-83-4			
	750 kgs (1650 lbs)	XPU on Iron Core (Round)	1157-06-91-1	1157-06-91-2	1157-06-91-4			
	410 kgs (900 lbs)	EPU (Round)	1157-06-78-1	1157-06-78-2	1157-06-78-4			
	460 kgs (1010 lbs)	EPU (Flat)	1157-06-78-1	1157-06-78-2	1157-06-78-4			
	550 kgs (1200 lbs)	EQPU (Round)	1157-06-81-1	1157-06-81-2	1157-06-81-4			
	600 kgs (1320 lbs)	EQPU (Flat)	1157-06-81-1	1157-06-81-2	1157-06-81-4			
150mm x 45.5mm (6"x1-13/16")	260 kgs (570 lbs)	Rubber on Cast	1157-06-03-1	1157-06-03-2	1157-06-03-4			
150mm x 50mm (6" x 2")	450 kgs (990 lbs)	PU on AL Core (Flat)	1157-06(50)-108-1	1157-06(50)-108-2	1157-06(50)-108-4			
	500 kgs (1100 lbs)	QPU on AL Core (Flat)	1157-06(50)-87-1	1157-06(50)-87-2	1157-06(50)-87-4			
150mm x 51mm	550 kgs (1210 lbs)	ZQPU (Dual Wheels)	1157-06-101-1	1157-06-101-2	1157-06-101-4	Ball Bearing	238mm (9-3/8")	Swivel 47mm Swivel W/AK Lock Brake 179mm
180mm x 44mm (7" x 1-3/4")	450 kgs (990 lbs)	PU on AL Core (Round)	1157-07-108-1	1157-07-108-2	1157-07-108-4			
	600 kgs (1320 lbs)	QPU on AL Core (Round)	1157-07-87-1	1157-07-87-2	1157-07-87-4			
180mm x 50mm (7" x 2")	450 kgs (990 lbs)	PU on Cast	1157-07-33-1	1157-07-33-2	1157-07-33-4			
	600 kgs (1320 lbs)	QPU(Round)	1157-07-80-1	1157-07-80-2	1157-07-80-4			
	650 kgs (1430 lbs)	VPU (Round)	1157-07-82-1	1157-07-82-2	1157-07-82-4			
	650 kgs (1430 lbs)	XPU on Iron Core (Round)	1157-07-91-1	1157-07-91-2	1157-07-91-4			
	650 kgs (1430 lbs)	VQPU (Round Shape)	1157-07-83-1	1157-07-83-2	1157-07-83-4			
193mm x 46mm (7-3/5"x1-13/16")	300 kgs (660 lbs)	Rubber on Cast	1157-08-03-1	1157-08-03-2	—	Ball Bearing	244.5mm (9-5/8")	Swivel 159mm
200mm x 44mm (8"x1-3/4")	350 kgs (770 lbs)	NBR Rubber on Cast	1157-08-04-1	1157-08-04-2	1157-08-04-4	Ball Bearing	248mm (9-3/4")	Swivel 157mm Swivel W/AK Lock Brake 178mm
	350 kgs (770 lbs)	Non-marking Rubber on Cast	1157-08-11-1	1157-08-11-2	1157-08-11-4			
	350 kgs (770 lbs)	Non-marking NBR Rubber on Cast	1157-08-90-1	1157-08-90-2	1157-08-90-4			
	400 kgs (880 lbs)	Recilent rubber on AL Core	1157-08-89-1	1157-08-89-2	1157-08-89-4			
200mm x 45.5mm (8"x1-13/16")	550 kgs (1200 lbs)	Cast Iron	1157-08-14-1	1157-08-14-2	1157-08-14-4			

Diameter x Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
200mm x 50mm (8" x 2")	450 kgs (990 lbs)	PU on Cast	1157-08-33-1	1157-08-33-2	1157-08-33-4	Ball Bearing	248mm (9-3/4")	Swivel 157mm Swivel W/AK Lock Brake 178mm
	450 kgs (990 lbs)	Nylon	1157-08-07-1	1157-08-07-2	1157-08-07-4			
	750 kgs (1650 lbs)	PU on Cast (2050A/2050B)	1157-08-62-1	1157-08-62-2	1157-08-62-4			
	400 kgs (880 lbs)	CPD	1157-08-49-1	1157-08-49-2	1157-08-49-4			
	450 kgs (990 lbs)	WMRC	1157-08-45-1	1157-08-45-2	1157-08-45-4			
	500 kgs (1100 lbs)	PU on AL Core (Round)	1157-08-108-1	1157-08-108-2	1157-08-108-4			
	550 kgs (1200 lbs)	PU on AL Core (Flat)	1157-08-108-1	1157-08-108-2	1157-08-108-4			
	650 kgs (1430 lbs)	QPU on AL Core (Flat)	1157-08-87-1	1157-08-87-2	1157-08-87-4			
	700 kgs (1540 lbs)	QPU on AL Core (Round)	1157-08-87-1	1157-08-87-2	1157-08-87-4			
	670 kgs (1475 lbs)	QPU (Round)	1157-08-80-1	1157-08-80-2	1157-08-80-4			
	720 kgs (1580 lbs)	QPU (Flat)	1157-08-80-1	1157-08-80-2	1157-08-80-4			
	670 kgs (1475 lbs)	VPU (Round)	1157-08-82-1	1157-08-82-2	1157-08-82-4			
	750 kgs (1650 lbs)	VQPU (Round)	1157-08-83-1	1157-08-83-2	1157-08-83-4			
	750 kgs (1650 lbs)	XPU on Iron Core (Round)	1157-08-91-1	1157-08-91-2	1157-08-91-4			
	650 kgs (1430 lbs)	EPU (Round Shape)	1157-08-78-1	1157-08-78-2	1157-08-78-4			
	700 kgs (1540 lbs)	EPU (Flat Shape)	1157-08-78-1	1157-08-78-2	1157-08-78-4			
	750 kgs (1650 lbs)	EQPU (Round Shape)	1157-08-81-1	1157-08-81-2	1157-08-81-4			
	750 kgs (1650 lbs)	EQPU (Flat Shape)	1157-08-81-1	1157-08-81-2	1157-08-81-4			
200mm x 51mm (8" x 2")	650 kgs (1430 lbs)	ZQPU (Dual Wheels)	1157-08-101-1	1157-08-101-2	1157-08-101-4			

1101 Series D Type Pneumatic Caster (American Style)

- Double ball bearing swivel raceway,
  Yoke:bright zinc-plated or chrome-plated.

Load
100-125 kg



Wheel Options



Pneumatic with painted steel rim | Pneumatic with plastic rim | Pneumatic with plated steel rim | Solid Rubber wheel with painted steel rim | Solid Rubber wheel with painted steel rim



Ball Bearing

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	115 x 100 mm (4-1/2"x 3-15/16")	85 x 70 mm (3-5/16"X 2-3/4")	11 mm (7/16")
2	115 x 159 mm (4-1/2"x 6-1/4")	75 x 130mm (2-7/16"~3-3/8"x 4-15/16"~5-1/4")	12.7 mm (1/2")
3	100 x 144 mm (3-15/16"x 4-1/2")	75 x 120 mm (3"x 4-3/4")	12 mm (1/2")

Diameter×Width	Load	Material	Item No.			Bearing	Oceraall Height	Swivel Radius
			Fixed	Swivel	Brake			
214 x 59mm (8-7/16" x 2-5/16")	100 kgs (220 lbs)	Pneumatic	1101-08-01-1	1101-08-01-2	–	Ball Bearing	245mm (9-5/8")	Swivel 181mm
200 x 52mm (8" x 2")	100 kgs (220 lbs)	Solid Rubber	1101-08-02-1	1101-08-02-2	–	Ball Bearing	238mm (9-3/8")	Swivel 174mm
262 x 82mm (10-5/16" x 3-1/4")	125 kgs (275 lbs)	Pneumatic	1101-10-01-1	1101-10-01-2	–	Ball Bearing	309mm (12-3/16")	Swivel 190mm
250 x 68mm (10" x 2-11/16")	125 kgs (275 lbs)	Solid Rubber	1101-10-02-1	1101-10-02-2	–	Ball Bearing	303mm (11-15/16")	Swivel 184mm

1102-P Series B Type Pneumatic Caster

- Swivel easily under heavy load;
  ideal for heavy-duty workshop trucks
  in automobile, glass, textile industries, etc.



Load
100-350 kg



Ball Bearing

Features



Center Lock Brake

Wheel Options



Pneumatic with painted steel rim



Pneumatic with plastic rim



Pneumatic with plated steel rim



Solid Rubber wheel with painted steel rim



Flate Freee Tire



W Resolute Rubber



Resolute Rubber



NBR Rubber on Cast



Solid Rubber wheel with painted steel rim

TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
8" caster	110 x 140mm (4-1/3" x 5-1/2")	75~80 x 110mm (3-1/8" x 4-5/16")	12.7mm (1/2")
10" caster,12" caster	130 x 172mm (5-1/8" x 6-3/4")	100 x 140mm (3-15/16" x 5-1/2")	12.7mm (1/2")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius	輪子樣式
			Fixed	Swivel	Brake				
200mm x 53mm (8" x 2-1/8")	120 kgs (265 lbs)	Solid Rubber	1102-P-08-02-1	1102-P-08-02-2	1102-P-08-02-4	Ball Bearing	248mm (9-3/4")	Swivel 160.5mm Swivel W/Brake 160.5mm	
202mm x 51mm (8" x 2")	180 kgs (400 lbs)	Resolute Rubber	1102-P-08-53-1	1102-P-08-53-2	1102-P-08-53-4	Ball Bearing	249mm (9-13/16")	Swivel 161.5mm Swivel W/Brake 161.5mm	
208mm x 55mm (8-3/16" x 2-9/16")	100 kgs (220 lbs)	Flat Free Tire	1102-P-08-05-1	1102-P-08-05-2	1102-P-08-05-4	Ball Bearing	252mm (9-15/16")	Swivel 164.5mm Swivel W/Brake 164.5mm	
216mm x 65mm (8-1/2" x 2-9/16")	150 kgs (330 lbs)	Pneumatic	1102-P-08-01-1	1102-P-08-01-2	1102-P-08-01-4	Ball Bearing	256mm (10-1/16")	Swivel 168.5mm Swivel W/Brake 168.5mm	
246mm x 74mm (10" x 2-15/16")	230 kgs (505 lbs)	W Resolute Rubber	1102-P-10-95-1	1102-P-10-95-2	1102-P-10-95-4	Ball Bearing	314mm (12-3/8")	Swivel 195.5mm Swivel W/Brake 195.5mm	
250mm x 74mm (10" x 2-15/16")	180 kgs (395 lbs)	Solid Rubber	1102-P-10-02-1	1102-P-10-02-2	1102-P-10-02-4	Ball Bearing	316mm (12-7/16")	Swivel 197.5mm Swivel W/Brake 197.5mm	
252mm x 71mm (10" x 2-13/16")	300 kgs (660 lbs)	NBR Rubber on Cast	1102-P-10-04-1	1102-P-10-04-2	1102-P-10-04-4	Ball Bearing	317mm (12-1/2")	Swivel 198.5mm Swivel W/Brake 198.5mm	
260mm x 85mm (10-1/4" x 3-3/8")	150 kgs (330 lbs)	Flat Free Tire	1102-P-10-05-1	1102-P-10-05-2	1102-P-10-05-4	Ball Bearing	321mm (12-5/8")	Swivel 202.5mm Swivel W/Brake 202.5mm	
270mm x 86mm (10-5/8" x 3-3/8")	200 kgs (440 lbs)	Pneumatic	1102-P-10-01-1	1102-P-10-01-2	1102-P-10-01-4	Ball Bearing	326mm (12-7/8")	Swivel 207.5mm Swivel W/Brake 207.5mm	
307mm x 85mm (12-1/8" x 3-3/8")	250 kgs (550 lbs)	Pneumatic	1102-P-12-01-1	1102-P-12-01-2	1102-P-12-01-4	Ball Bearing	363.5mm (14-5/6")	Swivel 224.5mm Swivel W/Brake 224.5mm	
308mm x 76mm (12-1/8" x 3")	350 kgs (770 lbs)	NBR Rubber on Cast	1102-P-12-04-1	1102-P-12-04-2	1102-P-12-04-4	Ball Bearing	363.5mm (14-5/6")	Swivel 224.5mm Swivel W/Brake 224.5mm	

1103 Series C Type Caster (Japanese Style)

- Swivel easily under heavy load, for workshop carts. Patented thread guards prevent swivel failute caused by build-up of strings between the wheel and fork legs, as well as the dust in the wheel bearing.

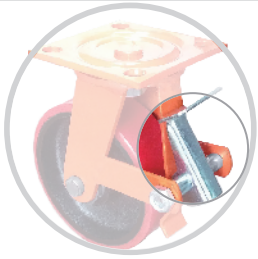
Load
200-500kg



Features



Swivel W/Center Lock Brake



Swivel W/Center Lock(K type)



Thread guard specially for textile industry



Thread guard

Wheel Options

PU on Cast



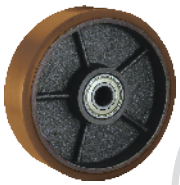
CPD



WMRC



QPU





Ball Bearing



Rubber on Cast



Nylon



Cast Iron



EPU

TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
4"Caster	100 x 115 mm (3-15/16"x 4-1/2")	75 x 75 mm (3"x 3")	10 mm (3/8")
5"Caster	100 x 115 mm (3-15/16"x 4-1/2")	75 x 75 mm (3"x 3")	10 mm (3/8")
6"Caster	125 x 125 mm (4-15/16"x 4-15/16")	105 x 105 mm (4-1/8"x 4-1/8")	10 mm (3/8")
8"Caster	125 x 125 mm (4-15/16"x 4-15/16")	105 x 105 mm (4-1/8"x 4-1/8")	10 mm (3/8")
10",12"Caster	160 x 160 mm (6-5/16"x 6-5/16")	130 x 130 mm (5-1/8"x 5-1/8")	M12

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100mm x 34mm (4" x 1-3/8")	250 kgs (550 lbs)	QPU	1103-04-80-1	1103-04-80-2	1103-04-80-4	Ball Bearing	145mm (5-11/16")	Swivel 75mm Swivel W/Center lock(K type) 75mm Swivel W/Center lock 105mm
100mm x 38mm (4" x 1-1/2")	200 kgs (440 lbs)	PU on Cast	1103-04-33-1	1103-04-33-2	1103-04-33-4			
	200 kgs (440 lbs)	Rubber on Cast	1103-04-03-1	1103-04-03-2	1103-04-03-4			
	200 kgs (440 lbs)	CPD	1103-04-49-1	1103-04-49-2	1103-04-49-4			
	250 kgs (550 lbs)	Nylon	1103-04-07-1	1103-04-07-2	1103-04-07-4			
	250 kgs (550 lbs)	Cast Iron	1103-04-14-1	1103-04-14-2	1103-04-14-4			
125mm x 40mm (5" x 1-9/16")	300 kgs (660 lbs)	QPU	1103-05-80-1	1103-05-80-2	1103-05-80-4	Ball Bearing	168.5mm (6-5/8")	Swivel 91mm Swivel W/Center lock(K type) 91mm Swivel W/Center lock 106mm
	300 kgs (660 lbs)	EPU	1103-05-78-1	1103-05-78-2	1103-05-78-4			
125mm x 42mm (5" x 1-5/8")	250 kgs (550 lbs)	PU on Cast	1103-05-33-1	1103-05-33-2	1103-05-33-4			
	220 kgs (485 lbs)	Rubber on Cast	1103-05-03-1	1103-05-03-2	1103-05-03-4			
	250 kgs (550 lbs)	CPD	1103-05-49-1	1103-05-49-2	1103-05-49-4			
	300 kgs (660 lbs)	Nylon	1103-05-07-1	1103-05-07-2	1103-05-07-4			
	300 kgs (660 lbs)	Cast Iron	1103-05-14-1	1103-05-14-2	1103-05-14-4			
150mm x 42mm (6" x 1-5/8")	350 kgs (770 lbs)	QPU	1103-06-80-1	1103-06-80-2	1103-06-80-4	Ball Bearing	197mm (7-3/4")	Swivel 106mm Swivel W/Center lock(K type) 106mm Swivel W/Center lock 166mm
	350 kgs (770 lbs)	EPU	1103-06-78-1	1103-06-78-2	1103-06-78-4			
150mm x 48mm (6" x 1-7/8")	300 kgs (660 lbs)	PU on Cast	1103-06-33-1	1103-06-33-2	1103-06-33-4			
	260 kgs (570 lbs)	Rubber on Cast	1103-06-03-1	1103-06-03-2	1103-06-03-4			
	300 kgs (660 lbs)	CPD	1103-06-49-1	1103-06-49-2	1103-06-49-4			
	350 kgs (770 lbs)	Nylon	1103-06-07-1	1103-06-07-2	1103-06-07-4			
	350 kgs (770 lbs)	Cast Iron	1103-06-14-1	1103-06-14-2	1103-06-14-4			
	350 kgs (770 lbs)	WMRC	1103-06-45-1	1103-06-45-2	1103-06-45-4			

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
200mm x 45mm (8" x 1-6/8")	400 kgs (880 lbs)	QPU	1103-08-80-1	1103-08-80-2	1103-08-80-4	Ball Bearing	244mm (9-5/8")	Swivel 147mm Swivel W/Center lock(K type) 147mm Swivel W/Center lock 168mm
200mm x 48mm (8" x 1-7/8")	350 kgs (770 lbs)	PU on Cast	1103-08-33-1	1103-08-33-2	1103-08-33-4			
	300 kgs (660 lbs)	Rubber on Cast	1103-08-03-1	1103-08-03-2	1103-08-03-4			
	350 kgs (770 lbs)	CPD	1103-08-49-1	1103-08-49-2	1103-08-49-4			
	400 kgs (880 lbs)	Nylon	1103-08-07-1	1103-08-07-2	1103-08-07-4			
	400 kgs (880 lbs)	Cast Iron	1103-08-14-1	1103-08-14-2	1103-08-14-4			
	400 kgs (880 lbs)	WMRC	1103-08-45-1	1103-08-45-2	1103-08-45-4			
200mm x 50mm (8" x 2")	400 kgs (880 lbs)	QPU	1103-08-80-1	1103-08-80-2	1103-08-80-4			
	400 kgs (880 lbs)	EPU	1103-08-78-1	1103-08-78-2	1103-08-78-4			
254mm x 50mm (10" x 2")	450 kgs (990 lbs)	Nylon	1103-10-07-1	1103-10-07-2	—	Ball Bearing	320mm (12-5/8")	Swivel 181mm
254mm x 62mm (10" x 2-7/16")	450 kgs (990 lbs)	PU on Cast	1103-10-33-1	1103-10-33-2	—			
	450 kgs (990 lbs)	QPU	1103-10-80-1	1103-10-80-2	—			
300mm x 70mm (12" x 2-3/4")	500 kgs (1100 lbs)	PU on Cast	1103-12-33-1	1103-12-33-2	—	Ball Bearing	350mm (13-3/4")	Swivel 221mm

1108-H Series

Heavy Duty General Purposes Caster (Japanese Style)

- Reinforce fork design to further improve load rating and impact resistance, Side lock brake is available.

Load 140-300kg






Features


Side Lock Brake


Swiel Dust Cover


Metal Thread Guard

Wheel Options


Rubber on Steel Core


Nylon


PU on PA Core


W Resolute


Ball Bearing


QPU on AL Core


EQPU


Rubber on AL Core


WMRC

SWIVEL TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
4", 5", 6" Swivel plate	101x101 mm (4"x 4")	78 x 78 mm (3-1/16"x 3-1/16")	10 mm (3/8")

RIGID TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
5", 6" Rigid plate	91 x 140 mm (3-9/16"x5-1/2")	55 x 105 mm (2-1/8"x 4-1/8")	10 mm (3/8")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100mmx32mm (4"x1-1/4")	250 kgs(550 lbs)	Nylon	—	1108-H-04-07-2	1108-H-04-07-4	Ball Bearing	138mm (5-7/16")	Swivel 87.5mm Swivel W/Side brake 87.5mm
100mmx36mm (4"x1-7/16")	270 kgs(594 lbs)	QPU on AL Core (Round)	—	1108-H-04-87-2	1108-H-04-87-4			
	140 kgs(308 lbs)	W Resolute	—	1108-H-04-64-2	1108-H-04-64-4			
100mmx40mm (4"x1-9/16")	300 kgs(660 lbs)	QPU on AL Core (Round)	—	1108-H-04-87(40)-2	1108-H-04-87(40)-4			
	200 kgs(440 lbs)	Rubber on AL Core	—	1108-H-04-22-2	1108-H-04-22-4			
125mmx38mm (5"x1-1/2")	160 kgs(352 lbs)	W Resolute	1108-H-05-64-1	1108-H-05-64-2	1108-H-05-64-4	Ball Bearing	168mm (6-5/8")	Swivel 98.5mm Swivel W/Side brake 98.5mm
125mmx40mm (5"x1-9/16")	300 kgs(660 lbs)	Nylon	1108-H-05-07-1	1108-H-05-07-2	1108-H-05-07-4			
	300 kgs(660 lbs)	QPU on AL Core (Round)	1108-H-05-87-1	1108-H-05-87-2	1108-H-05-87-4			
	300 kgs(660 lbs)	EQPU (Round)	1108-H-05-81-1	1108-H-05-81-2	1108-H-05-81-4			
	250 kgs(550 lbs)	Rubber on AL Core	1108-H-05-22-1	1108-H-05-22-2	1108-H-05-22-4			
150mmx38mm (6"x1-1/2")	180 kgs(396 lbs)	W Resolute	1108-H-06-64-1	1108-H-06-64-2	1108-H-06-64-4	Ball Bearing	191mm (7-1/2")	Swivel 113mm Swivel W/Side brake 113mm
150mmx40mm (6"x1-9/16")	160 kgs(352 lbs)	Rubber on Steel Core	1108-H-06-18-1	1108-H-06-18-2	1108-H-06-18-4			
	300 kgs(660 lbs)	WMRC	1108-H-06-45-1	1108-H-06-45-2	1108-H-06-45-4			
	280 kgs(616 lbs)	Rubber on AL Core	1108-H-06-22-1	1108-H-06-22-2	1108-H-06-22-4			
150mmx42mm (6"x1-5/8")	300 kgs(660 lbs)	QPU on AL Core (Round)	1108-H-06-87-1	1108-H-06-87-2	1108-H-06-87-4			
	300 kgs(660 lbs)	EQPU (Round)	1108-H-06-81-1	1108-H-06-81-2	1108-H-06-81-4			
150mmx44mm (6"x1-3/4")	200 kgs(440 lbs)	PU on PA Core	1108-H-06-34-1	1108-H-06-34-2	1108-H-06-34-4			

1112 Series

2" Wide General Purposes Caster (American Style)

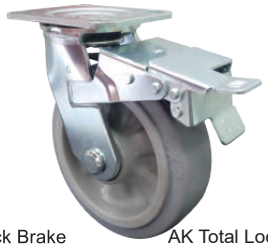
Load 120-450 kg

- Swivel easily under heavy load, good for workshop carts. Patented thread guards and dust covers prevent swivel failure caused by build-up of strings between the wheel and fork legs, as well as the dust in the wheel bearing.



Features


Side Lock Brake

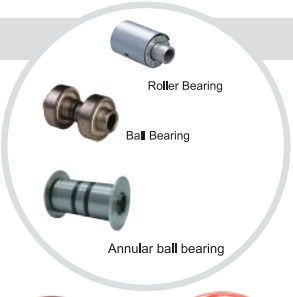

AK Total Lock Brake


Thread guard


Directional Lock


Different PU tread handness available

Wheel Options



TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	100 x 115 mm (4"x 4-1/2")	70 x 85 mm (2-5/8"~3"x3"~3-5/8")	9.5 mm (3/8")
2	115 x 159 mm (4-1/2"x 6-1/4")	75 x 130mm (2-7/16"~3-3/8" x4-15/16"~5-1/4")	12.7 mm (1/2")

THREADED STEM SPECIFICATION

Suffix	Threaded Size
4" 5" 6" 8"	M24 x 150mm

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100mm×50mm (4" × 2")	270 kgs (600 lbs)	PU on PP Core(Round Shape)	1112-04-43-1	1112-04-43-2	1112-04-43-4	Ball Bearing	142mm (5-5/8")	Swivel 74.5mm Swivel W/Side Brake 78.5mm AK Total Lock Brake 136.5mm
	200 kgs (440 lbs)	PU on Cast (Round Shape)	1112-04-42-1	1112-04-42-2	1112-04-42-4			
	150 kgs (325 lbs)	NBR Rubber on Cast	1112-04-04-1	1112-04-04-2	1112-04-04-4	Roller Bearing		
	270 kgs (600 lbs)	PU on Cast	1112-04-33-1	1112-04-33-2	1112-04-33-4			
	360 kgs (800 lbs)	Phenolic	1112-04-25-1	1112-04-25-2	1112-04-25-4			
	270 kgs (600 lbs)	PU on PP Core	1112-04-31-1	1112-04-31-2	1112-04-31-4			
	360 kgs (800 lbs)	Cast Iron	1112-04-21-1	1112-04-21-2	1112-04-21-4			
	360 kgs (800 lbs)	V Groove	1112-04-28-1	1112-04-28-2	1112-04-28-4			
	120 kgs (265 lbs)	TPR on PP Core (Round Shape)	1112-04-26-1	1112-04-26-2	1112-04-26-4	Roller Bearing Annular ball bearing		
	150 kgs (330 lbs)	TPR on PP Core (Flat Shape)	1112-04-52-1	1112-04-52-2	1112-04-52-4			
	150 kgs (330 lbs)	WPPR	1112-04-47-1	1112-04-47-2	1112-04-47-4			
	181 kgs (400 lbs)	W Resolute	1112-04-48-1	1112-04-48-2	1112-04-48-4			
	181 kgs (400 lbs)	Resolute(Flat Shape)	1112-04-51-1	1112-04-51-2	1112-04-51-4			
	136 kgs (300 lbs)	Resolute(Round Shape)	1112-04-44-1	1112-04-44-2	1112-04-44-4			
	228 kgs (500 lbs)	HD Resolute Wheel(Round Shape)	1112-04-54-1	1112-04-54-2	1112-04-54-4			
	270 kgs (600 lbs)	WHDR	1112-04-55-1	1112-04-55-2	1112-04-55-4			
125mm×50mm (5" × 2")	340 kgs (750 lbs)	PU on PP Core (Round Shape)	1112-05-43-1	1112-05-43-2	1112-05-43-4	Ball Bearing	167mm (6-1/2")	Swivel 92.5mm Swivel W/Side Brake 92.5mm AK Total Lock Brake 140mm
	230 kgs (500 lbs)	PU on Cast (Round Shape)	1112-05-42-1	1112-05-42-2	1112-05-42-4			
	340 kgs (750 lbs)	CPU on PP core	1112-05-63-1	1112-05-63-2	1112-05-63-4			
	360 kgs (790 lbs)	EPU	1112-05-78-1	1112-05-78-2	1112-05-78-4			
	450 kgs (990 lbs)	EQPU	1112-05-81-1	1112-05-81-2	1112-05-81-4			
	200 kgs (440 lbs)	NBR Rubber on Cast	1112-05-04-1	1112-05-04-2	1112-05-04-4	Roller Bearing		
	360 kgs (790 lbs)	PU on Cast	1112-05-33-1	1112-05-33-2	1112-05-33-4			
	400 kgs (880 lbs)	Phenolic	1112-05-25-1	1112-05-25-2	1112-05-25-4			
	340 kgs (750 lbs)	PU on PP Core	1112-05-31-1	1112-05-31-2	1112-05-31-4			
	400 kgs (880 lbs)	Cast Iron	1112-05-21-1	1112-05-21-2	1112-05-21-4			
	400 kgs (880 lbs)	V Groove	1112-05-28-1	1112-05-28-2	1112-05-28-4			
	140 kgs (300 lbs)	TPR on PP Core (Round Shape)	1112-05-26-1	1112-05-26-2	1112-05-26-4	Roller Bearing Annular ball bearing		
	180 kgs (396 lbs)	TPR on PP Core (Flat Shape)	1112-05-52-1	1112-05-52-2	1112-05-52-4			
	180 kgs (396 lbs)	WPPR	1112-05-47-1	1112-05-47-2	1112-05-47-4			
	227 kgs (500 lbs)	W Resolute	1112-05-48-1	1112-05-48-2	1112-05-48-4			
	227 kgs (500 lbs)	Resolute(Flat Shape)	1112-05-51-1	1112-05-51-2	1112-05-51-4			
	170 kgs (375 lbs)	Resolute(Round Shape)	1112-05-44-1	1112-05-44-2	1112-05-44-4			
	261 kgs (575 lbs)	HD Resolute Wheel(Round Shape)	1112-05-54-1	1112-05-54-2	1112-05-54-4			
	340 kgs (750 lbs)	WHDR	1112-05-55-1	1112-05-55-2	1112-05-55-4			

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
150mm×50mm (6" × 2")	410 kgs (900 lbs)	PU on PP Core(Round Shape)	1112-06-43-1	1112-06-43-2	1112-06-43-4	Ball Bearing	190mm (7-1/2")	Swivel 111mm Swivel W/Side Brake 111mm AK Total Lock Brake 154mm
	260 kgs (570 lbs)	PU on Cast (Round Shape)	1112-06-42-1	1112-06-42-2	1112-06-42-4			
	410 kgs (900 lbs)	CPU on PP core	1112-06-63-1	1112-06-63-2	1112-06-63-4			
	450 kgs (990 lbs)	EPU	1112-06-78-1	1112-06-78-2	1112-06-78-4			
	450 kgs (990 lbs)	EQPU	1112-06-81-1	1112-06-81-2	1112-06-81-4			
	250 kgs (550 lbs)	NBR Rubber on Cast	1112-06-04-1	1112-06-04-2	1112-06-04-4	Roller Bearing		
	410 kgs (900 lbs)	PU on Cast	1112-06-33-1	1112-06-33-2	1112-06-33-4			
	420 kgs (925 lbs)	Phenolic	1112-06-25-1	1112-06-25-2	1112-06-25-4			
	410 kgs (900 lbs)	PU on PP Core	1112-06-31-1	1112-06-31-2	1112-06-31-4			
	420 kgs (925 lbs)	Cast Iron	1112-06-21-1	1112-06-21-2	1112-06-21-4			
	420 kgs (925 lbs)	V Groove	1112-06-28-1	1112-06-28-2	1112-06-28-4			
	160 kgs (350 lbs)	TPR on PP Core(Round Shape)	1112-06-26-1	1112-06-26-2	1112-06-26-4	Roller Bearing Annular ball bearing		
	210 kgs (462 lbs)	TPR on PP Core(Flat Shape)	1112-06-52-1	1112-06-52-2	1112-06-52-4			
	210 kgs (462 lbs)	WPPR	1112-06-47-1	1112-06-47-2	1112-06-47-4			
	272 kgs (600 lbs)	W Resolute	1112-06-48-1	1112-06-48-2	1112-06-48-4			
	272 kgs (600 lbs)	Resolute(Flat Shape)	1112-06-51-1	1112-06-51-2	1112-06-51-4			
	204 kgs (450 lbs)	Resolute (Round Shape)	1112-06-44-1	1112-06-44-2	1112-06-44-4			
	295 kgs (650 lbs)	HD Resolute Wheel(Round Shape)	1112-06-54-1	1112-06-54-2	1112-06-54-4			
	410 kgs (900 lbs)	WHDR	1112-06-55-1	1112-06-55-2	1112-06-55-4			
200mm×50mm (8" × 2")	420 kgs (925 lbs)	PU on PP Core(Round Shape)	1112-08-43-1	1112-08-43-2	1112-08-43-4	Ball Bearing	240mm (9-1/2")	Swivel 140mm Swivel W/Side Brake 140mm AK Total Lock Brake 160mm
	300 kgs (660 lbs)	PU on Cast (Round Shape)	1112-08-42-1	1112-08-42-2	1112-08-42-4			
	420 kgs (925 lbs)	CPU on PP core	1112-08-63-1	1112-08-63-2	1112-08-63-4			
	450 kgs (990 lbs)	EPU	1112-08-78-1	1112-08-78-2	1112-08-78-4			
	450 kgs (990 lbs)	EQPU	1112-08-81-1	1112-08-81-2	1112-08-81-4			
	300 kgs (660 lbs)	NBR Rubber on Cast	1112-08-04-1	1112-08-04-2	1112-08-04-4	Roller Bearing		
	420 kgs (925 lbs)	PU on Cast	1112-08-33-1	1112-08-33-2	1112-08-33-4			
	450 kgs (990 lbs)	Phenolic	1112-08-25-1	1112-08-25-2	1112-08-25-4			
	420 kgs (925 lbs)	PU on PP Core	1112-08-31-1	1112-08-31-2	1112-08-31-4			
	450 kgs (990 lbs)	Cast Iron	1112-08-21-1	1112-08-21-2	1112-08-21-4			
	450 kgs (990 lbs)	V Groove	1112-08-28-1	1112-08-28-2	1112-08-28-4			
	185 kgs (400 lbs)	TPR on PP Core (Round Shape)	1112-08-26-1	1112-08-26-2	1112-08-26-4	Roller Bearing Annular ball bearing		
	230 kgs (506 lbs)	TPR on PP Core(Flat Shape)	1112-08-52-1	1112-08-52-2	1112-08-52-4			
	230 kgs (506 lbs)	WPPR	1112-08-47-1	1112-08-47-2	1112-08-47-4			
	306 kgs (675 lbs)	W Resolute	1112-08-48-1	1112-08-48-2	1112-08-48-4			
	306 kgs (675 lbs)	Resolute(Flat Shape)	1112-08-51-1	1112-08-51-2	1112-08-51-4			
	272 kgs (600 lbs)	Resolute(Round Shape)	1112-08-44-1	1112-08-44-2	1112-08-44-4			
	318 kgs (700 lbs)	HD Resolute Wheel(Round Shape)	1112-08-54-1	1112-08-54-2	1112-08-54-4			
	430 kgs (950 lbs)	WHDR	1112-08-55-1	1112-08-55-2	1112-08-55-4			

1117 Series Blue Fork Pneumatic Caster

- Heavy-duty, good for cement ground and uneven floor. Wheel options include pueumatic wheels and solid rubber wheels, made of quality rubber to withstand abrasion and impact under heavy load.







Load
100-250 kg

Features



Center Lock Brake

Wheel Options



Pneumatic with painted steel rim



Pneumatic with plastic rim



Pneumatic with plated steel rim



Flat Free Tire



Resolute Rubber



W Resolute Rubber



Solid Rubber wheel with plated steel rim



Solid Rubber wheel with painted steel rim



Ball Bearing

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
8"Caster	105 mm x 144 mm (4-1/8" x 5-11/16")	75 mm x 120 mm (3" x 4-3/4")	12 mm (1/2")
10"Caster	130 mm x 167 mm (5-1/8" x 6-11/16")	100 mm x 140 mm (4" x 5-1/2")	12 mm (1/2")
12"Caster	130 mm x 167 mm (5-1/8" x 6-11/16")	100 mm x 140 mm (4" x 5-1/2")	12 mm (1/2")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius	輪子樣式
			Fixed	Swivel	Brake				
200mm x 53mm (8" x 2-1/8")	120 kgs (265 lbs)	Solid Rubber	1117-08-02-1	1117-08-02-2	1117-08-02-4	Ball Bearing	245 mm (9-5/8")	Swivel 163 mm Swivel W/Brake 163 mm	
202mm x 51mm (8" x 2")	180 kgs (400 lbs)	Resolute Rubber	1117-08-53-1	1117-08-53-2	1117-08-53-4	Ball Bearing	246 mm (9-5/8")	Swivel 164 mm Swivel W/Brake 164 mm	
208mm x 55mm (8-3/16" x 2-3/16")	100 kgs (220 lbs)	Flat Free Tire	1117-08-05-1	1117-08-05-2	1117-08-05-4	Ball Bearing	249 mm (9-13/16")	Swivel 167 mm Swivel W/Brake 167 mm	
216mm x 65mm (8-1/2" x 2-9/16")	150 kgs (330 lbs)	Pneumatic	1117-08-01-1	1117-08-01-2	1117-08-01-4	Ball Bearing	253 mm (10")	Swivel 171 mm Swivel W/Brake 171 mm	
246mm x 74mm (10" x 2-15/16")	230 kgs (505 lbs)	W Resolute Rubber	1117-10-95-1	1117-10-95-2	1117-10-95-4	Ball Bearing	296 mm (11-11/16")	Swivel 199 mm Swivel W/Brake 199 mm	
250mm x 74mm (10" x 2-15/16")	180 kgs (395 lbs)	Solid Rubber	1117-10-02-1	1117-10-02-2	1117-10-02-4	Ball Bearing	298 mm (11-3/4")	Swivel 201 mm Swivel W/Brake 201 mm	
260mm x 85mm (10-1/4" x 3-3/8")	150 kgs (330 lbs)	Flat Free Tire	1117-10-05-1	1117-10-05-2	1117-10-05-4	Ball Bearing	303 mm (11-15/16")	Swivel 206 mm Swivel W/Brake 206 mm	
270mm x 86mm (10-5/8" x 3-3/8")	200 kgs (440 lbs)	Pneumatic	1117-10-01-1	1117-10-01-2	1117-10-01-4	Ball Bearing	308 mm (12-3/16")	Swivel 211 mm Swivel W/Brake 211 mm	
307mm x 85mm (12-1/8" x 3-3/8")	250 kgs (550 lbs)	Pneumatic	1117-12-01-1	1117-12-01-2	1117-12-01-4	Ball Bearing	350 mm (13-13/16")	Swivel 230 mm Swivel W/Brake 230 mm	

1119 Series Scaffolding Caster

- Design for Scaffolds.

Load
350-420 kg



Features



Center Lock Brake

Wheel Options



NBR Rubber on Cast



PU on PP Core



Roller Bearing



Ball Bearing

STEM SIZE AND BOLT HOLE SPACING

Suffix	Stem Size	Stem Height x Hole Height	Bore Size
1	35 mm (1-3/8")	100 mm x 60 mm (3-15/16x 2-3/8")	11 mm (7/16")

Diameter×Width	Load	Material	Item No.			Bearing	Swivel radius
			Fixed	Swivel	Brake		
150mm×50mm (6"×2")	350 kgs (770 lbs)	NBR Rubber on Cast	--	--	1119-06-04-4	Roller Bearing	Swivel W/Center lock 120mm
	350 kgs (770 lbs)	PU on PP Core	--	--	1119-06-31-4		
200mm×45mm (8"×1-3/4")	420 kgs (925 lbs)	NBR Rubber on Cast	--	–	1119-08-04-4	Ball Bearing	Swivel W/Center lock 143.5mm
200mm×50mm (8"×2")	420 kgs (925 lbs)	NBR Rubber on Cast	--	–	1119-08-04-4	Roller Bearing	Swivel W/Center lock 152mm
	420 kgs (925 lbs)	PU on PP Core	--	–	1119-08-31-4		

1124 Series 1-1/2" Wide General Purposes Caster (American Style)

- Swivel easily under heavy load, for workshop carts. Patented thread guards prevent swivel failure caused by build-up of strings between the wheel and fork legs, as well as the dust in the wheel bearing.

Load
140-400 kg





Features


Side Lock Brake


Center Lock Brake


Thread guard

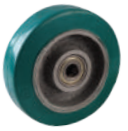

Different PU tread handness available

Wheel Options


NBR Rubber on Cast


PU on Cast


Rubber on Cast


Non-marking Rubber on Cast


W Resolute


WCPD


QPU


Nylon


Cast Iron


CPD


Resolute


WMRC


EPU


EQPU


QPU on AL Core


King Kong Wheel


Ball Bearing

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	100 x 115 mm (4"x 4-1/2")	70 x 85 mm (2-5/8"~3"x3"~3-5/8")	9.5 mm (3/8")
2	108 x 84 mm (4-1/4"x 3-5/16")	87.5 x 63.5 mm (3-7/16x 2-1/2")	M8 (5/16")
3	115 x 159 mm (4-1/2"x 6-1/4")	75 x 130 mm (2-7/16"~3-3/8" x4-15/16"~5-1/4")	12.7 mm (1/2")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
50mm x 45mm (2" x 1-3/4")	* 275 kgs(606 lbs)	King Kong Wheel	11240200711013	11240200712013	—	Ball Bearing	82mm (3-1/4")	Swivel 51mm (2")
93mm x 28mm (3-21/32" x 1-3/32")	175 kgs(385 lbs)	Cast Iron	1124-04-14-1	1124-04-14-2	—	Ball Bearing	138.5mm	Swivel 71.5mm
100mm x 32mm (4" x 1-1/4")	200 kgs(440 lbs)	Nylon	1124-04-07-1	1124-04-07-2	1124-04-07-4	Ball Bearing	142mm (5-5/8")	Swivel 75mm Swivel W/Side Brake 75mm Swivel W/Center lock 115mm
	150 kgs(330 lbs)	CPD	1124-04-49-1	1124-04-49-2	1124-04-49-4			
100mm x 34mm (4" x 1-1/3")	200 kgs(440 lbs)	PU on Cast	1124-04-33-1	1124-04-33-2	1124-04-33-4			
	300 kgs(660 lbs)	QPU	1124-04-80-1	1124-04-80-2	1124-04-80-4			
	150 kgs(330 lbs)	NBR Rubber on Cast	1124-04-04-1	1124-04-04-2	1124-04-04-4			
	150 kgs(330 lbs)	Non-marking Rubber on Cast	1124-04-11-1	1124-04-11-2	1124-04-11-4			
100mm x 35mm (4" x 1-1/8")	150 kgs(330 lbs)	Rubber on Cast	1124-04-03-1	1124-04-03-2	1124-04-03-4			
100mm x 36mm (4" x 1-7/16")	325 kgs(715 lbs)	QPU on AL Core (Round)	1124-04-87-1	1124-04-87-2	1124-04-87-4			
100mm x 37.5mm (4" x 1-1/2")	140 kgs(308 lbs)	W Resolute	1124-04-64-1	1124-04-64-2	1124-04-64-4			
100mm x 40mm (4" x 1-9/16")	350 kgs(770 lbs)	QPU on AL Core (Round)	1124-04(40)-87-1	1124-04(40)-87-2	1124-04(40)-87-4			
122mm x 36mm (4-13/16" x 1-7/16")	250 kgs(550 lbs)	Cast Iron	1124-05-14-1	1124-05-14-2	—	Ball Bearing	165.5mm	Swivel 91.5mm
125mm x 37.5mm (5" x 1-1/2")	250 kgs(550 lbs)	W Resolute	1124-05-64-1	1124-05-64-2	1124-05-64-4	Ball Bearing	167mm (6-1/2")	Swivel 93mm Swivel W/Side Brake 93mm Swivel W/Center lock 112mm
125mm x 40mm (5" x 1-9/16")	250 kgs(550 lbs)	PU on Cast	1124-05-33-1	1124-05-33-2	1124-05-33-4			
	350 kgs(770 lbs)	QPU	1124-05-80-1	1124-05-80-2	1124-05-80-4			
	350 kgs(770 lbs)	QPU on AL Core (Round)	1124-05-87-1	1124-05-87-2	1124-05-87-4			
	250 kgs(550 lbs)	EPU	1124-05-78-1	1124-05-78-2	1124-05-78-4			
	300 kgs(660 lbs)	EQPU	1124-05-81-1	1124-05-81-2	1124-05-81-4			
	200 kgs(440 lbs)	Rubber on Cast	1124-05-03-1	1124-05-03-2	1124-05-03-4			
	200 kgs(440 lbs)	NBR Rubber on Cast	1124-05-04-1	1124-05-04-2	1124-05-04-4			
	200 kgs(440 lbs)	Non-marking Rubber on Cast	1124-05-11-1	1124-05-11-2	1124-05-11-4			
125mm x 41mm (5" x 1-5/8")	250 kgs(550 lbs)	Nylon	1124-05-07-1	1124-05-07-2	1124-05-07-4			
	200 kgs(440 lbs)	CPD	1124-05-49-1	1124-05-49-2	1124-05-49-4			
138mm x 42mm (5-7/16" x 1-5/8")	300 kgs(660 lbs)	Cast Iron	1124-06-14-1	1124-06-14-2	—	Ball Bearing	184mm	Swivel 104mm
150mm x 37.5mm (6" x 1-1/2")	180 kgs(396 lbs)	W Resolute	1124-06-64-1	1124-06-64-2	1124-06-64-4	Ball Bearing	190mm (7-1/2")	Swivel 110mm Swivel W/Side Brake 110mm Swivel W/Center lock 160mm
150mm x 40mm (6" x 1-9/16")	250 kgs(550 lbs)	NBR Rubber on Cast	1124-06-04-1	1124-06-04-2	1124-06-04-4			
	250 kgs(550 lbs)	Non-marking Rubber on Cast	1124-06-11-1	1124-06-11-2	1124-06-11-4			
	350 kgs(770 lbs)	Nylon	1124-06-07-1	1124-06-07-2	1124-06-07-4			
	250 kgs(550 lbs)	CPD	1124-06-49-1	1124-06-49-2	1124-06-49-4			
	350 kgs(770 lbs)	WMRC	1124-06-45-1	1124-06-45-2	1124-06-45-4			
	250 kgs(550 lbs)	WCPD	1124-06-79-1	1124-06-79-2	1124-06-79-4			

* 50mm x 45mm (2" x 1-3/4") Static load capacity:550kg (1212.5 lbs)

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
150mm x 42mm (6" x 1-5/8")	350 kgs(770 lbs)	PU on Cast	1124-06-33-1	1124-06-33-2	1124-06-33-4	Ball Bearing	190mm (7-1/2")	Swivel 110mm Swivel W/Side Brake 110mm Swivel W/Center lock 160mm
	400 kgs(880 lbs)	QPU	1124-06-80-1	1124-06-80-2	1124-06-80-4			
	350 kgs(770 lbs)	EPU	1124-06-78-1	1124-06-78-2	1124-06-78-4			
	400 kgs(880 lbs)	EQPU	1124-06-81-1	1124-06-81-2	1124-06-81-4			
	400 kgs(880 lbs)	QPU on AL Core (Round)	1124-06-87-1	1124-06-87-2	1124-06-87-4			
150mm x 45.5mm (6" x 1-13/16")	220 kgs(485 lbs)	Rubber on Cast	1124-06-03-1	1124-06-03-2	1124-06-03-4			
200mm x 44mm (8" x 1-3/4")	300 kgs(660 lbs)	NBR Rubber on Cast	1124-08-04-1	1124-08-04-2	1124-08-04-4	Ball Bearing	240mm (9-1/2")	Swivel 145mm Swivel W/Side Brake 145mm Swivel W/Center lock 162.5mm
	300 kgs(660 lbs)	Non-marking Rubber on Cast	1124-08-11-1	1124-08-11-2	1124-08-11-4			
200mm x 45mm (8" x 1-13/16")	350 kgs(770 lbs)	Cast Iron	1124-08-14-1	1124-08-14-2	1124-08-14-4			
200mm x 50mm (8" x 2")	400 kgs(880 lbs)	PU on Cast	1124-08-33-1	1124-08-33-2	1124-08-33-4			
	400 kgs(880 lbs)	QPU	1124-08-80-1	1124-08-80-2	1124-08-80-4			
	400 kgs(880 lbs)	EPU	1124-08-78-1	1124-08-78-2	1124-08-78-4			
	400 kgs(880 lbs)	EQPU	1124-08-81-1	1124-08-81-2	1124-08-81-4			
	260 kgs(570 lbs)	Rubber on Cast	1124-08-03-1	1124-08-03-2	1124-08-03-4			
	300 kgs(660 lbs)	NBR Rubber on Cast	1124-08-04-1	1124-08-04-2	1124-08-04-4			
	300 kgs(660 lbs)	Non-marking Rubber on Cast	1124-08-11-1	1124-08-11-2	1124-08-11-4			
	400 kgs(880 lbs)	Nylon	1124-08-07-1	1124-08-07-2	1124-08-07-4			
	300 kgs(660 lbs)	CPD	1124-08-49-1	1124-08-49-2	1124-08-49-4			
	180 kgs(396 lbs)	Resolute	1124-08-53-1	1124-08-53-2	1124-08-53-4			
	400 kgs(880 lbs)	WMRC	1124-08-45-1	1124-08-45-2	1124-08-45-4			
	300 kgs(660 lbs)	WCPD	1124-08-79-1	1124-08-79-2	1124-08-79-4			
	400 kgs(880 lbs)	QPU on AL Core (Round)	1124-08-87-1	1124-08-87-2	1124-08-87-4			
	400 kgs(880 lbs)	QPU on AL Core (Flat)	1124-08-87-1	1124-08-87-2	1124-08-87-4			

112S Series Heavy Duty Institutional Caster

- Pressed steel yoke with good outlook and added strength; ideal for application requiring both aesthetic and heavy load.

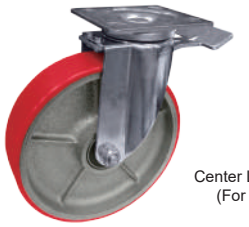
Load
140-400 kg







Features



Center Lock Brake
(For 8" only)



Side Lock Brake
(For 4",5",6" only)



Thread guard

Wheel Options

QPU On AL Core



QPU



PU on Cast



NBR Rubber on Cast



Nylon





W Resolute



CPD



Rubber on Cast



Resilent Rubber on PA core



WMRC



Ball Bearing

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	105 x 115mm (4-1/8" x 4-1/2")	70 x 85 mm (2-5/8"~3"x3"~3-5/8")	9.5mm (3/8")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100mm x 32mm (4" x 1-1/4")	200 kgs (440 lbs)	Nylon	1125-04-07-1	1125-04-07-2	1125-04-07-4	Ball Bearing	136.5mm (5-3/8")	Swivel 87mm Swivel W/Brake 99.5mm
	150 kgs (330 lbs)	CPD	1125-04-49-1	1125-04-49-2	1125-04-49-4			
100mm x 34mm (4" x 1-1/3")	200 kgs (440 lbs)	PU on Cast	1125-04-33-1	1125-04-33-2	1125-04-33-4	Ball Bearing	136.5mm (5-3/8")	Swivel 87mm Swivel W/Brake 99.5mm
	300 kgs (660 lbs)	QPU	1125-04-80-1	1125-04-80-2	1125-04-80-4			
	150 kgs (330 lbs)	Resilent Rubber on PA core	1125-04-10-1	1125-04-10-2	1125-04-10-4			
100mm x 36mm (4" x 1-7/16")	325 kgs (715 lbs)	QPU on AL Core (Round)	1125-04-87-1	1125-04-87-2	1125-04-87-4	Ball Bearing	136.5mm (5-3/8")	Swivel 87mm Swivel W/Brake 99.5mm
100mm x 38mm (4" x 1-1/2")	150 kgs (330 lbs)	Rubber on Cast	1125-04-03-1	1125-04-03-2	1125-04-03-4	Ball Bearing	136.5mm (5-3/8")	Swivel 87mm Swivel W/Brake 99.5mm
	140 kgs (308 lbs)	W Resolute	1125-04-64-1	1125-04-64-2	1125-04-64-4			
	150 kgs (330 lbs)	NBR Rubber on Cast	1125-04-04-1	1125-04-04-2	1125-04-04-4			
100mm x 40mm (4" x 1-9/16")	350 kgs (770 lbs)	QPU on AL Core (Round)	1125-04(40)-87-1	1125-04(40)-87-2	1125-04(40)-87-4	Ball Bearing	136.5mm (5-3/8")	Swivel 87mm Swivel W/Brake 99.5mm
125mm x 38mm (5" x 1-1/2")	170 kgs (375 lbs)	Resilent Rubber on PA core	1125-05-10-1	1125-05-10-2	1125-05-10-4	Ball Bearing	136.5mm (6-7/16")	Swivel 101.5mm Swivel W/Brake 101.5mm
	250 kgs (550 lbs)	W Resolute	1125-05-64-1	1125-05-64-2	1125-05-64-4			
125mm x 40mm (5" x 1-9/16")	250 kgs (550 lbs)	Nylon	1125-05-07-1	1125-05-07-2	1125-05-07-4	Ball Bearing	163mm (6-7/16")	Swivel 101.5mm Swivel W/Brake 101.5mm
	200 kgs (440 lbs)	CPD	1125-05-49-1	1125-05-49-2	1125-05-49-4			
	250 kgs (550 lbs)	PU on Cast	1125-05-33-1	1125-05-33-2	1125-05-33-4			
	350 kgs (770 lbs)	QPU	1125-05-80-1	1125-05-80-2	1125-05-80-4			
	200 kgs (440 lbs)	NBR Rubber on Cast	1125-05-04-1	1125-05-04-2	1125-05-04-4			
	350 kgs (770 lbs)	QPU on AL Core (Round)	1125-05-87-1	1125-05-87-2	1125-05-87-4			
	200 kgs (440 lbs)	Rubber on Cast	1125-05-03-1	1125-05-03-2	1125-05-03-4			
150mm x 38mm (6" x 1-1/2")	190 kgs (415 lbs)	Resilent Rubber on PA core	1125-06-10-1	1125-06-10-2	1125-06-10-4	Ball Bearing	187mm (7-3/8")	Swivel 113mm Swivel W/Brake 113mm
	180 kgs (396 lbs)	W Resolute	1125-06-64-1	1125-06-64-2	1125-06-64-4			

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
150mm x 40mm (6" x 1-9/16")	350 kgs (770 lbs)	Nylon	1125-06-07-1	1125-06-07-2	1125-06-07-4	Ball Bearing	187mm (7-3/8")	Swivel 113mm Swivel W/Brake 113mm
	350 kgs (770 lbs)	WMRC	1125-06-45-1	1125-06-45-2	1125-06-45-4			
	250 kgs (550 lbs)	CPD	1125-06-49-1	1125-06-49-2	1125-06-49-4			
150mm x 42mm (6" x 1-11/16")	350 kgs (770 lbs)	PU on Cast	1125-06-33-1	1125-06-33-2	1125-06-33-4	Ball Bearing	187mm (7-3/8")	Swivel 113mm Swivel W/Brake 113mm
	400 kgs (880 lbs)	QPU	1125-06-80-1	1125-06-80-2	1125-06-80-4			
	400 kgs (880 lbs)	QPU on AL Core (Round)	1125-06-87-1	1125-06-87-2	1125-06-87-4			
	250 kgs (550 lbs)	NBR Rubber on Cast	1125-06-04-1	1125-06-04-2	1125-06-04-4			
150mm x 45mm (6" x 1-3/4")	220 kgs (485 lbs)	Rubber on Cast	1125-06-03-1	1125-06-03-2	1125-06-03-4	Ball Bearing	187mm (7-3/8")	Swivel 113mm Swivel W/Brake 113mm
200mm x 44mm (8" x 1-3/4")	300 kgs (660 lbs)	NBR Rubber on Cast	1125-08-04-1	1125-08-04-2	1125-08-04-4	Ball Bearing	240mm (9-7/16")	Swivel 140.5mm Swivel W/Brake 140.5mm
200mm x 48mm (8" x 1-7/8")	260 kgs (570 lbs)	Rubber on Cast	1125-08-03-1	1125-08-03-2	1125-08-03-4	Ball Bearing	240mm (9-7/16")	Swivel 140.5mm Swivel W/Brake 140.5mm
	300 kgs (660 lbs)	Resilent Rubber on PA core	1125-08-10-1	1125-08-10-2	1125-08-10-4			
200mm x 50mm (8" x 2")	400 kgs (880 lbs)	PU on Cast	1125-08-33-1	1125-08-33-2	1125-08-33-4	Ball Bearing	240mm (9-7/16")	Swivel 140.5mm Swivel W/Brake 140.5mm
	400 kgs (880 lbs)	QPU	1125-08-80-1	1125-08-80-2	1125-08-80-4			
	306 kgs (675 lbs)	W Resolute	1125-08-64-1	1125-08-64-2	1125-08-64-4			
	400 kgs (880 lbs)	Nylon	1125-08-07-1	1125-08-07-2	1125-08-07-4			
	400 kgs (880 lbs)	WMRC	1125-08-45-1	1125-08-45-2	1125-08-45-4			
	400 kgs (880 lbs)	QPU on AL Core (Round)	1125-08-87-1	1125-08-87-2	1125-08-87-4			
	400 kgs (880 lbs)	QPU on AL Core (Flat)	1125-08-87-1	1125-08-87-2	1125-08-87-4			
	300 kgs (660 lbs)	CPD	1125-08-49-1	1125-08-49-2	1125-08-49-4			

1151 Series

1-1/2" Wide General Purposes Caster (American Style)

- Extreme heavy-duty, made of 3.5mm thick steel, swivel easily with high performance total lock brake, suitable for medium and heavy duty logistic equipment.

Load
140-450kg





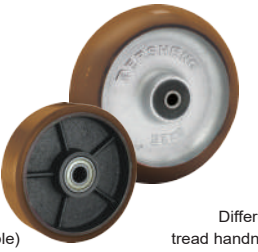
Features



Total Lock Brake with
Extra Big Pedal (standard)



Total Lock Brake with
Short Pedal (also available)



Different PU
tread handness available

Wheel Options



NBR Rubber on Cast



PU on Cast



Rubber on Cast



Non-marking Rubber on Cast



W Resolute



EPU



Ball Bearing



Nylon



Cast Iron



CPD



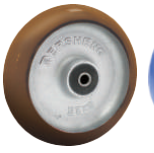
WMRC



WCPD



QPU



EQPU



QPU on AL Core

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	100 x 115 mm (4"x 4-1/2")	70 x 85 mm (2-5/8"~3"x3"~3-5/8")	9.5 mm (3/8")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
93mm x 28mm (3-21/32" x 1-3/32")	250 kgs (550 lbs)	Cast Iron	1151(D)-03-14-1	1151(D)-03-14-2	-	Ball Bearing	126.5mm (5")	Swivel 86.5mm
100mm x 32mm (4" x 1-1/4")	200 kgs (440 lbs)	Nylon	1151(D)-04-07-1	1151(D)-04-07-2	1151(D)-04-07-4	Ball Bearing	130mm (5-1/16")	Swivel 90mm Swivel W/Brake 137mm (Short Pedal) Swivel W/Brake 160mm (Extra Big Pedal)
	150 kgs (330 lbs)	CPD	1151(D)-04-49-1	1151(D)-04-49-2	1151(D)-04-49-4			
100mm x 34mm (4" x 1-1/3")	200 kgs (440 lbs)	PU on Cast	1151(D)-04-33-1	1151(D)-04-33-2	1151(D)-04-33-4			
	300 kgs (660 lbs)	QPU	1151(D)-04-80-1	1151(D)-04-80-2	1151(D)-04-80-4			
	150 kgs (330 lbs)	NBR Rubber on Cast	1151(D)-04-04-1	1151(D)-04-04-2	1151(D)-04-04-4			
	150 kgs (330 lbs)	Non-marking Rubber on Cast	1151(D)-04-11-1	1151(D)-04-11-2	1151(D)-04-11-4			
100mm x 35mm (4" x 1-1/8")	150 kgs (330 lbs)	Rubber on Cast	1151(D)-04-03-1	1151(D)-04-03-2	1151(D)-04-03-4			
100mm x 36mm (4" x 1-1/2")	325 kgs (715 lbs)	QPU on AL Core (Round)	1151(D)-04-87-1	1151(D)-04-87-2	1151(D)-04-87-4	Ball Bearing	130mm (5-1/16")	Swivel 90mm Swivel W/Brake 137mm (Short Pedal) Swivel W/Brake 160mm (Extra Big Pedal)
100mm x 37.5mm (4" x 1-1/2")	140 kgs (308 lbs)	W Resolute	1151(D)-04-64-1	1151(D)-04-64-2	1151(D)-04-64-4			
100mm x 40mm (4" x 1-9/16")	350 kgs (770 lbs)	QPU on AL Core (Round)	1151(D)-04(40)-87-1	1151(D)-04(40)-87-2	1151(D)-04(40)-87-4	Ball Bearing	130mm (5-1/16")	Swivel 90mm Swivel W/Brake 137mm (Short Pedal) Swivel W/Brake 160mm (Extra Big Pedal)
122mm x 36mm (4-13/16" x 1-7/16")	350 kgs (770 lbs)	Cast Iron	1151(D)-04-14-1	1151(D)-04-14-2	-	Ball Bearing	153.5mm (6-1/16")	Swivel 101mm
125mm x 37.5mm (5" x 1-1/2")	160 kgs (350 lbs)	W Resolute	1151(D)-05-64-1	1151(D)-05-64-2	1151(D)-05-64-4			
125mm x 40mm (5" x 1-9/16")	350 kgs (770 lbs)	QPU on AL Core (Round)	1151(D)-05-87-1	1151(D)-05-87-2	1151(D)-05-87-4	Ball Bearing	155mm (6-1/8")	Swivel 103mm Swivel W/Brake 137mm (Short Pedal) Swivel W/Brake 160mm (Extra Big Pedal)

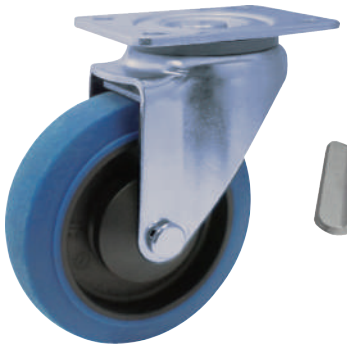
Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
125mm x 40mm (5" x 1-9/16")	250 kgs (550 lbs)	PU on Cast	1151(D)-05-33-1	1151(D)-05-33-2	1151(D)-05-33-4	Ball Bearing	155mm (6-1/8")	Swivel 103mm Swivel W/Brake 137mm (Short Pedal) Swivel W/Brake 160mm (Extra Big Pedal)
	350 kgs (770 lbs)	QPU	1151(D)-05-80-1	1151(D)-05-80-2	1151(D)-05-80-4			
	250 kgs (550 lbs)	EPU	1151(D)-05-78-1	1151(D)-05-78-2	1151(D)-05-78-4			
	300 kgs (660 lbs)	EQPU	1151(D)-05-81-1	1151(D)-05-81-2	1151(D)-05-81-4			
	200 kgs (440 lbs)	Rubber on Cast	1151(D)-05-03-1	1151(D)-05-03-2	1151(D)-05-03-4			
	200 kgs (440 lbs)	NBR Rubber on Cast	1151(D)-05-04-1	1151(D)-05-04-2	1151(D)-05-04-4			
	200 kgs (440 lbs)	Non-marking Rubber on Cast	1151(D)-05-11-1	1151(D)-05-11-2	1151(D)-05-11-4			
125mm x 41mm (5" x 1-5/8")	250 kgs (550 lbs)	Nylon	1151(D)-05-07-1	1151(D)-05-07-2	1151(D)-05-07-4			
	200 kgs (440 lbs)	CPD	1151(D)-05-49-1	1151(D)-05-49-2	1151(D)-05-49-4			
138mm x 42mm (5-7/16" x 1-5/8")	350 kgs (770 lbs)	Cast Iron	1151(D)-05-14-1	1151(D)-05-14-2	-	Ball Bearing	182mm (7-1/5")	Swivel 109mm
150mm x 37.5mm (6" x 1-1/2")	180 kgs (396 lbs)	W Resolute	1151(D)-06-64-1	1151(D)-06-64-2	1151(D)-06-64-4	Ball Bearing	188mm (7-1/2")	Swivel 115mm Swivel W/Brake 137mm (Short Pedal) Swivel W/Brake 160mm (Extra Big Pedal)
150mm x 40mm (6" x 1-9/16")	250 kgs (550 lbs)	NBR Rubber on Cast	1151(D)-06-04-1	1151(D)-06-04-2	1151(D)-06-04-4			
	350 kgs (770 lbs)	Nylon	1151(D)-06-07-1	1151(D)-06-07-2	1151(D)-06-07-4			
	250 kgs (550 lbs)	CPD	1151(D)-06-49-1	1151(D)-06-49-2	1151(D)-06-49-4			
	250 kgs (550 lbs)	Non-marking Rubber on Cast	1151(D)-06-11-1	1151(D)-06-11-2	1151(D)-06-11-4			
	350 kgs (770 lbs)	WMRC	1151(D)-06-45-1	1151(D)-06-45-2	1151(D)-06-45-4			
	250 kgs (550 lbs)	WCPD	1151(D)-06-79-1	1151(D)-06-79-2	1151(D)-06-79-4			
150mm x 42mm (6" x 1-5/8")	350 kgs (770 lbs)	PU on Cast	1151(D)-06-33-1	1151(D)-06-33-2	1151(D)-06-33-4	Ball Bearing	188mm (7-1/2")	Swivel 115mm Swivel W/Brake 137mm (Short Pedal) Swivel W/Brake 160mm (Extra Big Pedal)
	450 kgs (990 lbs)	QPU	1151(D)-06-80-1	1151(D)-06-80-2	1151(D)-06-80-4			
	350 kgs (770 lbs)	EPU	1151(D)-06-78-1	1151(D)-06-78-2	1151(D)-06-78-4			
	400 kgs (880 lbs)	EQPU	1151(D)-06-81-1	1151(D)-06-81-2	1151(D)-06-81-4			
	350 kgs (770 lbs)	QPU on AL Core (Round)	1151(D)-06-87-1	1151(D)-06-87-2	1151(D)-06-87-4			
150mm x 45.5mm (6" x 1-13/16")	220 kgs (485 lbs)	Rubber on Cast	1151(D)-06-03-1	1151(D)-06-03-2	-			

1151 Series

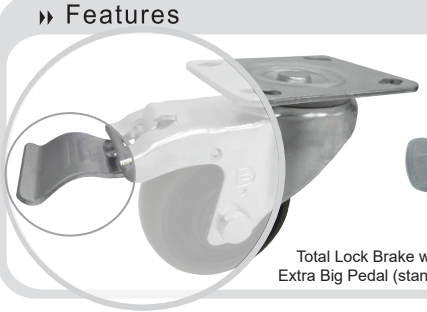
Heavy Duty 1.5" Wide General Purposes Caster (European Style)

- Pressed steel caster horn/ housing design for European market. Extreme heavy-duty, made of 3.5mm thick steel, swivel easily with high performance total lock brake, suitable for medium and heavy duty logistic equipment.

Load
80-350 kg


Features

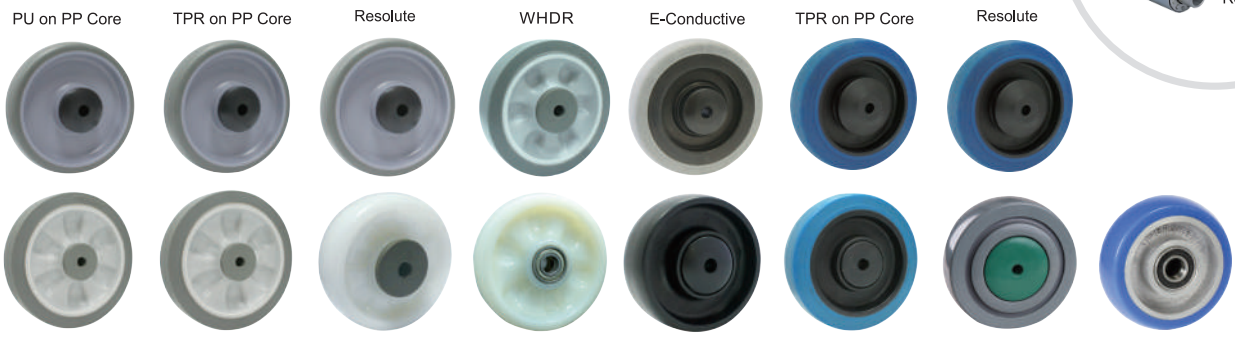

Total Lock Brake with
Extra Big Pedal (standard)


Swivel Dust Cover


Total Lock Brake
with Short Pedal
(also available)



Wheel Options



TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	85 x 105 mm (3-5/16" x 4-1/8")	60x80 mm 2-3/8"x3-1/8"(European Plate)	8 mm (5/16")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100mm x 31mm (4" x 1-1/4")	120kgs (265lbs)	PU on PP Core	1151-04-31-1	1151-04-31-2	1151-04-31-4	Ball Bearing	130mm (5-1/16")	Swivel 90mm Swivel W/Brake 137mm (Short Pedal) Swivel W/Brake 160mm (Extra Big Pedal)
	100kgs (220lbs)	TPR on PP Core	1151-04-75-1	1151-04-75-2	1151-04-75-4			
	125kgs (275lbs)	Resolute	1151-04-68-1	1151-04-68-2	1151-04-68-4			
	80kgs (176lbs)	E-Conductive	1151-04-17-1	1151-04-17-2	1151-04-17-4			
	180kgs (400lbs)	WHDR	1151-04-66-1	1151-04-66-2	1151-04-66-4			
	135kgs (300lbs)	W Resolute	1151-04-48-1	1151-04-48-2	1151-04-48-4			
	100kgs (220lbs)	WPPR	1151-04-47-1	1151-04-47-2	1151-04-47-4			
	130kgs (285lbs)	WPP	1151-04-46-1	1151-04-46-2	1151-04-46-4			
	180kgs (396lbs)	WMRC	1151-04-45-1	1151-04-45-2	1151-04-45-4			
100mm x 36mm (4" x 1-1/2")	160kgs (352lbs)	CPD	1151-04-71-1	1151-04-71-2	1151-04-71-4	Ball Bearing	130mm (5-1/16")	Swivel 90mm Swivel W/Brake 137mm (Short Pedal) Swivel W/Brake 160mm (Extra Big Pedal)
	160kgs (352lbs)	Blue Resilient Rubber Wheel	1151-04-50-1	1151-04-50-2	1151-04-50-4			
	140kgs (308lbs)	TPR on PP Core	1151-04-77-1	1151-04-77-2	1151-04-77-4			
	160kgs (352lbs)	Resolute	1151-04-76-1	1151-04-76-2	1151-04-76-4			
	325kgs (715lbs)	QPU on AL Core(Round)	1151-04-87-1	1151-04-87-2	1151-04-87-4			
100mm x 40mm (4" x 1-9/16")	350kgs (770lbs)	QPU on AL Core(Round)	1151-04(40)-87-1	1151-04(40)-87-2	1151-04(40)-87-4	Ball Bearing	130mm (5-1/16")	Swivel 90mm Swivel W/Brake 137mm (Short Pedal) Swivel W/Brake 160mm (Extra Big Pedal)
125mm x 31mm (5" x 1-1/4")	130kgs (285lbs)	PU on PP Core	1151-05-31-1	1151-05-31-2	1151-05-31-4	Ball Bearing	155mm (6-1/8")	Swivel 103mm Swivel W/Brake 137mm (Short Pedal) Swivel W/Brake 160mm (Extra Big Pedal)
	110kgs (240lbs)	TPR on PP Core	1151-05-75-1	1151-05-75-2	1151-05-75-4			
	147kgs (325lbs)	Resolute	1151-05-68-1	1151-05-68-2	1151-05-68-4			
	90kgs (198lbs)	E-Conductive	1151-05-17-1	1151-05-17-2	1151-05-17-4			
	200kgs (440lbs)	WHDR	1151-05-66-1	1151-05-66-2	1151-05-66-4			
	147kgs (325lbs)	W Resolute	1151-05-48-1	1151-05-48-2	1151-05-48-4			
	110kgs (240lbs)	WPPR	1151-05-47-1	1151-05-47-2	1151-05-47-4			
	150kgs (330lbs)	WPP	1151-05-46-1	1151-05-46-2	1151-05-46-4			
	200kgs (440lbs)	WMRC	1151-05-45-1	1151-05-45-2	1151-05-45-4			
125mm x 36mm (5" x 1-1/2")	200kgs (440lbs)	CPD	1151-05-71-1	1151-05-71-2	1151-05-71-4	Ball Bearing	155mm (6-1/8")	Swivel 103mm Swivel W/Brake 137mm (Short Pedal) Swivel W/Brake 160mm (Extra Big Pedal)
	250kgs (550lbs)	Blue Resilient Rubber Wheel	1151-05-50-1	1151-05-50-2	1151-05-50-4			
	160kgs (352lbs)	TPR on PP Core	1151-05-77-1	1151-05-77-2	1151-05-77-4			
	180kgs (400lbs)	Resolute	1151-05-76-1	1151-05-76-2	1151-05-76-4			
	250kgs (550lbs)	Sandwich Wheel	1151-05-40-1	1151-05-40-2	1151-05-40-4	Roller Bearing		

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
125mm x 40mm (5" x 1-9/16")	350kgs (770lbs)	QPU on AL Core(Round)	1151-05-87-1	1151-05-87-2	1151-05-87-4	Ball Bearing	155mm (6-1/8")	Swivel 103mm Swivel W/Brake 137mm (Short Pedal) Swivel W/Brake 160mm (Extra Big Pedal)
150mm x 31mm (6" x 1-1/4")	130kgs (285lbs)	PU on PP Core	1151-06-31-1	1151-06-31-2	1151-06-31-4	Ball Bearing	188mm (7-1/2")	Swivel 115mm Swivel W/Brake 137mm (Short Pedal) Swivel W/Brake 160mm (Extra Big Pedal)
	110kgs (240lbs)	TPR on PP Core	1151-06-75-1	1151-06-75-2	1151-06-75-4			
	147kgs (325lbs)	Resolute	1151-06-68-1	1151-06-68-2	1151-06-68-4			
	90kgs (198lbs)	E-Conductive	1151-06-17-1	1151-06-17-2	1151-06-17-4			
	200kgs (440lbs)	WHDR	1151-06-66-1	1151-06-66-2	1151-06-66-4			
	147kgs (325lbs)	W Resolute	1151-06-48-1	1151-06-48-2	1151-06-48-4			
	110kgs (240lbs)	WPPR	1151-06-47-1	1151-06-47-2	1151-06-47-4			
150mm x 42mm (6" x 1-5/8")	350kgs (770lbs)	QPU on AL Core(Round)	1151-06-87-1	1151-06-87-2	1151-06-87-4	Ball Bearing	188mm (7-1/2")	Swivel 115mm Swivel W/Brake 137mm (Short Pedal) Swivel W/Brake 160mm (Extra Big Pedal)

1153 Series

Heavy Duty 2" Wide General Purposes Caster (European Style)

- Pressed steel caster horn/ housing designed for European market. Swivel easily with high performance total lock brake, suitable for medium and heavy duty logistic equipment.

Load 125-350 kg





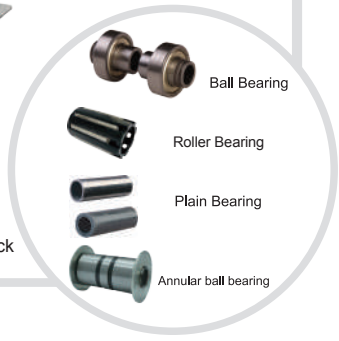

Features


Rear Total Lock


Front Total Lock


Swivel with Central, Total Lock


Directional Lock



Wheel Options


QPU on AL Core


EQPU


VQPU


Rubber on AL Core


Nylon Wheel


Resilient Resolute Wheel (Blue Tread)


Resilient Resolute Wheel (Gray Tread)


Black Rubber Wheel (Steel Core)


Gray Rubber Wheel (Steel Core)


Black Rubber Wheel (Plastic Core)


Gray Rubber Wheel (Plastic Core)

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	137 x 105mm(5-3/8" x 4-1/8")	105 x 80/75mm(4-1/8" x 3-1/8")	10mm (3/8")
2	137 x 105mm(5-3/8" x 4-1/8")	92.5 x 84.5mm(3-5/8" x 3-5/16")	M10 (3/8")
3	137 x 105mm(5-3/8" x 4-1/8")	118 x 75mm(4-11/16" x 3")	M10 (3/8")

SINGLE BOLT HOLE

Suffix	Centre Hole
1	13mm

Diameter×Width	Load	Material	Item NO.			Bearing	Overall Height	Offset (mm)	Swivel radius (mm)
			Fixed	Swivel	Brake				
150 x 40mm (6" x 1-9/16")	280kgs (615 lbs)	Rubber on Aluminum Core	1153-06-22-1	1153-06-22-2	1153-06-22-4	Ball Bearing	190mm (7-1/2")	55mm	Swivel 131mm Swivel W/Rear total lock 131mm Swivel W/Front total lock 165mm
	350kgs (770 lbs)	Nylon Wheel	1153-06-45-1	1153-06-45-2	1153-06-45-4	Ball Bearing			
	125kgs (275 lbs)	Black Rubber Wheel(Steel Core)	1153-06-103-1	1153-06-103-2	1153-06-103-4	Roller Bearing			
	125kgs (275 lbs)	Black Rubber Wheel(Plastic Core)	1153-06-104-1	1153-06-104-2	1153-06-104-4	Roller Bearing Plain Bearing			
	125kgs (275 lbs)	Gray Rubber Wheel(Steel Core)	1153-06-106-1	1153-06-106-2	1153-06-106-4	Roller Bearing			
	125kgs (275 lbs)	Gray Rubber Wheel(Plastic Core)	1153-06-107-1	1153-06-107-2	1153-06-107-4	Roller Bearing Plain Bearing			
150 x 42mm (6" x 1-5/8")	350kgs (770 lbs)	QPU on AL Core (Round)	1153-06-87-1	1153-06-87-2	1153-06-87-4	Ball Bearing	190mm (7-1/2")	55mm	Swivel 131mm Swivel W/Rear total lock 131mm Swivel W/Front total lock 165mm
	350kgs (770 lbs)	EQPU (Round)	1153-06-81-1	1153-06-81-2	1153-06-81-4				
	350kgs (770 lbs)	EQPU (Flat)	1153-06-81-1	1153-06-81-2	1153-06-81-4				
	350kgs (770 lbs)	VQPU (Round)	1153-06-83-1	1153-06-83-2	1153-06-83-4				
150 x 50mm (6" x 2")	350kgs (770 lbs)	QPU on AL Core (Flat)	1153-06-87-1	1153-06-87-2	1153-06-87-4	Ball Bearing	190mm (7-1/2")	55mm	Swivel 131mm Swivel W/Rear total lock 131mm Swivel W/Front total lock 165mm
160 x 40mm (6-5/16" x 1-9/16")	350kgs (770 lbs)	Nylon Wheel	1153-65-45-1	1153-65-45-2	1153-65-45-4	Ball Bearing Plain Bearing Roller Bearing Annular ball bearing	200mm (7-7/8")	55mm	Swivel 136mm Swivel W/Rear total lock 136mm Swivel W/Front total lock 165mm
	135kgs (295 lbs)	Black Rubber Wheel(Steel Core)	1153-65-103-1	1153-65-103-2	1153-65-103-4	Roller Bearing			
	135kgs (295 lbs)	Black Rubber Wheel(Plastic Core)	1153-65-104-1	1153-65-104-2	1153-65-104-4	Roller Bearing Plain Bearing			
	135kgs (295 lbs)	Gray Rubber Wheel(Steel Core)	1153-65-106-1	1153-65-106-2	1153-65-106-4	Roller Bearing			
	135kgs (295 lbs)	Gray Rubber Wheel(Plastic Core)	1153-65-107-1	1153-65-107-2	1153-65-107-4	Roller Bearing Plain Bearing			
160 x 42mm (6-5/16" 1-5/8")	350kgs (770 lbs)	QPU on AL Core (Round)	1153-65-87-1	1153-65-87-2	1153-65-87-4	Ball Bearing	200mm (7-7/8")	55mm	Swivel 136mm Swivel W/Rear total lock 136mm Swivel W/Front total lock 165mm
	300kgs (660 lbs)	Rubber on Aluminum Core	1153-65-22-1	1153-65-22-2	1153-65-22-4	Ball Bearing			
160 x 48mm (6-5/16" x 1-7/8")	300kgs (660 lbs)	Resilient Resolute Wheel (Gray tread)	1153-65-105-1	1153-65-105-2	1153-65-105-4	Ball Bearing Roller Bearing Annular ball bearing	200mm (7-7/8")	55mm	Swivel 136mm Swivel W/Rear total lock 136mm Swivel W/Front total lock 165mm
	300kgs (660 lbs)	Resilient Resolute Wheel (Blue tread)	1153-65-50-1	1153-65-50-2	1153-65-50-4	Ball Bearing Roller Bearing Annular ball bearing			

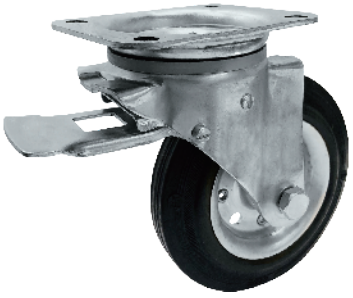
Diameter×Width	Load	Material	Item NO.			Bearing	Overall Height	Offset (mm)	Swivel radius (mm)
			Fixed	Swivel	Brake				
160 x 50mm (6-5/16" x 2")	350kgs (770 lbs)	QPU on AL Core (Flat)	1153-65-87-1	1153-65-87-2	1153-65-87-4	Ball Bearing	200mm (7-7/8")	55mm	Swivel 136mm Swivel W/Rear total lock 136mm Swivel W/Front total lock 165mm
180 x 44mm (7" x 1-3/4")	350kgs (770 lbs)	QPU on AL Core (Round)	1153-07-87-1	1153-07-87-2	1153-07-87-4	Ball Bearing	220mm (8-11/16")	55mm	Swivel 145mm Swivel W/Rear total lock 145mm Swivel W/Front total lock 165mm
180 x 50mm (7" x 2")	175kgs (385 lbs)	Black Rubber Wheel(Steel Core)	1153-07-103-1	1153-07-103-2	1153-07-103-4	Roller Bearing	220mm (8-11/16")	55mm	Swivel 145mm Swivel W/Rear total lock 145mm Swivel W/Front total lock 165mm
	175kgs (385 lbs)	Black Rubber Wheel(Plastic Core)	1153-07-104-1	1153-07-104-2	1153-07-104-4	Roller Bearing Plain Bearing			
	175kgs (385 lbs)	Gray Rubber Wheel(Steel Core)	1153-07-106-1	1153-07-106-2	1153-07-106-4	Roller Bearing			
	175kgs (385 lbs)	Gray Rubber Wheel(Plastic Core)	1153-07-107-1	1153-07-107-2	1153-07-107-4	Roller Bearing Plain Bearing			
200 x 44mm (8" x 1-3/4")	350kgs (770 lbs)	Rubber on Aluminum Core	1153-08-22-1	1153-08-22-2	1153-08-22-4	Ball Bearing	240mm (9-1/2")	55mm	Swivel 155mm Swivel W/Rear total lock 155mm Swivel W/Front total lock 165mm
200 x 48mm (8" x 1-7/8")	325kgs (715 lbs)	Resilient Resolute Wheel (Gray tread)	1153-08-105-1	1153-08-105-2	1153-08-105-4	Ball Bearing Roller Bearing Annular ball bearing	240mm (9-1/2")	55mm	Swivel 155mm Swivel W/Rear total lock 155mm Swivel W/Front total lock 165mm
	325kgs (715 lbs)	Resilient Resolute Wheel (Blue tread)	1153-08-50-1	1153-08-50-2	1153-08-50-4	Ball Bearing Roller Bearing Annular ball bearing			
200 x 50mm (8" x 2")	350kgs (770 lbs)	QPU on AL Core (Flat)	1153-08-87-1	1153-08-87-2	1153-08-87-4	Ball Bearing	240mm (9-1/2")	55mm	Swivel 155mm Swivel W/Rear total lock 155mm Swivel W/Front total lock 165mm
	350kgs (770 lbs)	QPU on AL Core (Round)	1153-08-87-1	1153-08-87-2	1153-08-87-4				
	350kgs (770 lbs)	EQPU (Round)	1153-08-81-1	1153-08-81-2	1153-08-81-4				
	350kgs (770 lbs)	EQPU (Flat)	1153-08-81-1	1153-08-81-2	1153-08-81-4				
	350kgs (770 lbs)	VQPU (Round)	1153-08-83-1	1153-08-83-2	1153-08-83-4				
	350kgs (770 lbs)	Nylon Wheel	1153-08-45-1	1153-08-45-2	1153-08-45-4	Ball Bearing Plain Bearing Roller Bearing Annular ball bearing			
	205kgs (450 lbs)	Black Rubber Wheel(Steel Core)	1153-08-103-1	1153-08-103-2	1153-08-103-4	Roller Bearing			
	205kgs (450 lbs)	Black Rubber Wheel(Plastic Core)	1153-08-104-1	1153-08-104-2	1153-08-104-4	Roller Bearing Plain Bearing			
	205kgs (450 lbs)	Gray Rubber Wheel(Steel Core)	1153-08-106-1	1153-08-106-2	1153-08-106-4	Roller Bearing			
	205kgs (450 lbs)	Gray Rubber Wheel(Plastic Core)	1153-08-107-1	1153-08-107-2	1153-08-107-4	Roller Bearing Plain Bearing			

1153-1 Series

Heavy Duty 2" Wide General Purposes Caster (European Style)

- Pressed steel caster horn/ housing designed for European market. Swivel easily with high performance total lock brake, suitable for medium and heavy duty logistic equipment.

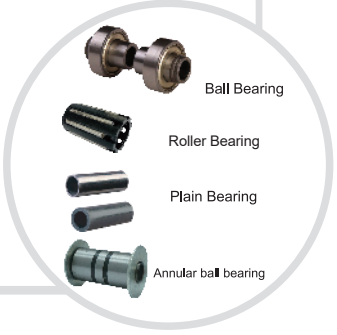
Load 125-300 kg


Features


Rear Total Lock


Directional Lock



Wheel Options


QPU on AL Core


EQPU


VQPU


Rubber on AL Core


Nylon Wheel


Resilient Resolute Wheel (Blue Tread)


Resilient Resolute Wheel (Gray Tread)


Black Rubber Wheel (Steel Core)


Gray Rubber Wheel (Steel Core)


Black Rubber Wheel (Plastic Core)


Gray Rubber Wheel (Plastic Core)

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	137 x 105mm(5-3/8" x 4-1/8")	105 x 80/75mm(4-1/8" x 3-1/8")	10mm (3/8")
2	137 x 105mm(5-3/8" x 4-1/8")	92.5 x 84.5mm(3-5/8" x 3-5/16")	M10 (3/8")
3	137 x 105mm(5-3/8" x 4-1/8")	118 x 75mm(4-11/16" x 3")	M10 (3/8")

SINGLE BOLT HOLE

Suffix	Centre Hole
1	13mm

Diameter×Width	Load	Material	Item NO.			Bearing	Overall Height	Offset (mm)	Swivel radius (mm)
			Fixed	Swivel	Brake				
150 x 40mm (6" x 1-9/16")	250kgs (550 lbs)	Rubber on Aluminum Core	1153-06-22-1	1153-06-22-2	1153-06-22-4	Ball Bearing	190mm (7-1/2")	55mm	Swivel 131mm Swivel W/Rear total lock 131mm
	250kgs (550 lbs)	Nylon Wheel	1153-06-45-1	1153-06-45-2	1153-06-45-4	Ball Bearing			
	125kgs (275 lbs)	Black Rubber Wheel(Steel Core)	1153-06-103-1	1153-06-103-2	1153-06-103-4	Roller Bearing			
	125kgs (275 lbs)	Black Rubber Wheel(Plastic Core)	1153-06-104-1	1153-06-104-2	1153-06-104-4	Roller Bearing Plain Bearing			
	125kgs (275 lbs)	Gray Rubber Wheel(Steel Core)	1153-06-106-1	1153-06-106-2	1153-06-106-4	Roller Bearing			
	125kgs (275 lbs)	Gray Rubber Wheel(Plastic Core)	1153-06-107-1	1153-06-107-2	1153-06-107-4	Roller Bearing Plain Bearing			
150 x 42mm (6" x 1-5/8")	300kgs (660 lbs)	QPU on AL Core (Round)	1153-06-87-1	1153-06-87-2	1153-06-87-4	Ball Bearing	190mm (7-1/2")	55mm	Swivel 131mm Swivel W/Rear total lock 131mm
	300kgs (660 lbs)	EQPU (Round)	1153-06-81-1	1153-06-81-2	1153-06-81-4				
	300kgs (660 lbs)	EQPU (Flat)	1153-06-81-1	1153-06-81-2	1153-06-81-4				
	300kgs (660 lbs)	VQPU (Round)	1153-06-83-1	1153-06-83-2	1153-06-83-4				
150 x 50mm (6" x 2")	300kgs (660 lbs))	QPU on AL Core (Flat)	1153-06-87-1	1153-06-87-2	1153-06-87-4	Ball Bearing	190mm (7-1/2")	55mm	Swivel 131mm Swivel W/Rear total lock 131mm
160 x 40mm (6-5/16" x 1-9/16")	250kgs (550 lbs)	Nylon Wheel	1153-65-45-1	1153-65-45-2	1153-65-45-4	Ball Bearing Plain Bearing Roller Bearing Annular ball bearing	200mm (7-7/8")	55mm	Swivel 136mm Swivel W/Rear total lock 136mm
	135kgs (295 lbs)	Black Rubber Wheel(Steel Core)	1153-65-103-1	1153-65-103-2	1153-65-103-4	Roller Bearing			
	135kgs (295 lbs)	Black Rubber Wheel(Plastic Core)	1153-65-104-1	1153-65-104-2	1153-65-104-4	Roller Bearing Plain Bearing			
	135kgs (295 lbs)	Gray Rubber Wheel(Steel Core)	1153-65-106-1	1153-65-106-2	1153-65-106-4	Roller Bearing			
	135kgs (295 lbs)	Gray Rubber Wheel(Plastic Core)	1153-65-107-1	1153-65-107-2	1153-65-107-4	Roller Bearing Plain Bearing			
160 x 42mm (6-5/16" 1-5/8")	300kgs (660 lbs)	QPU on AL Core (Round)	1153-65-87-1	1153-65-87-2	1153-65-87-4	Ball Bearing	200mm (7-7/8")	55mm	Swivel 136mm Swivel W/Rear total lock 136mm
	280kgs (615 lbs)	Rubber on Aluminum Core	1153-65-22-1	1153-65-22-2	1153-65-22-4	Ball Bearing			
160 x 48mm (6-5/16" x 1-7/8")	250kgs (550 lbs)	Resilient Resolute Wheel (Gray tread)	1153-65-105-1	1153-65-105-2	1153-65-105-4	Ball Bearing Roller Bearing Annular ball bearing	200mm (7-7/8")	55mm	Swivel 136mm Swivel W/Rear total lock 136mm
	250kgs (550 lbs)	Resilient Resolute Wheel (Blue tread)	1153-65-50-1	1153-65-50-2	1153-65-50-4	Ball Bearing Roller Bearing Annular ball bearing			

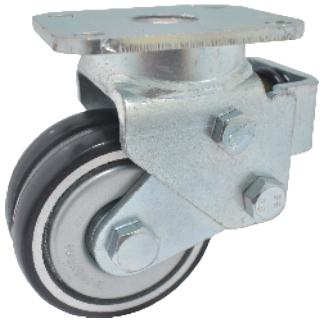
Diameter×Width	Load	Material	Item NO.			Bearing	Overall Height	Offset (mm)	Swivel radius (mm)
			Fixed	Swivel	Brake				
160 x 50mm (6-5/16" x 2")	300kgs (660 lbs)	QPU on AL Core (Flat)	1153-65-87-1	1153-65-87-2	1153-65-87-4	Ball Bearing	200mm (7-7/8")	55mm	Swivel 136mm Swivel W/Rear total lock 136mm
180 x 44mm (7" x 1-3/4")	300kgs (660 lbs)	QPU on AL Core (Round)	1153-07-87-1	1153-07-87-2	1153-07-87-4	Ball Bearing	220mm (8-11/16")	55mm	Swivel 145mm Swivel W/Rear total lock 145mm
180 x 50mm (7" x 2")	175kgs (385 lbs)	Black Rubber Wheel(Steel Core)	1153-07-103-1	1153-07-103-2	1153-07-103-4	Roller Bearing	220mm (8-11/16")	55mm	Swivel 145mm Swivel W/Rear total lock 145mm
	175kgs (385 lbs)	Black Rubber Wheel(Plastic Core)	1153-07-104-1	1153-07-104-2	1153-07-104-4	Roller Bearing Plain Bearing			
	175kgs (385 lbs)	Gray Rubber Wheel(Steel Core)	1153-07-106-1	1153-07-106-2	1153-07-106-4	Roller Bearing			
	175kgs (385 lbs)	Gray Rubber Wheel(Plastic Core)	1153-07-107-1	1153-07-107-2	1153-07-107-4	Roller Bearing Plain Bearing			
200 x 44mm (8" x 1-3/4")	300kgs (660 lbs)	Rubber on Aluminum Core	1153-08-22-1	1153-08-22-2	1153-08-22-4	Ball Bearing	240mm (9-1/2")	55mm	Swivel 155mm Swivel W/Rear total lock 155mm
200 x 48mm (8" x 1-7/8")	250kgs (550 lbs)	Resilient Resolute Wheel (Gray tread)	1153-08-105-1	1153-08-105-2	1153-08-105-4	Ball Bearing Roller Bearing Annular ball bearing	240mm (9-1/2")	55mm	Swivel 155mm Swivel W/Rear total lock 155mm
	250kgs (550 lbs)	Resilient Resolute Wheel (Blue tread)	1153-08-50-1	1153-08-50-2	1153-08-50-4	Ball Bearing Roller Bearing Annular ball bearing			
200 x 50mm (8" x 2")	300kgs (660 lbs)	QPU on AL Core (Flat)	1153-08-87-1	1153-08-87-2	1153-08-87-4	Ball Bearing	240mm (9-1/2")	55mm	Swivel 155mm Swivel W/Rear total lock 155mm
	300kgs (660 lbs)	QPU on AL Core (Round)	1153-08-87-1	1153-08-87-2	1153-08-87-4				
	300kgs (660 lbs)	EQPU (Round)	1153-08-81-1	1153-08-81-2	1153-08-81-4				
	300kgs (660 lbs)	EQPU (Flat)	1153-08-81-1	1153-08-81-2	1153-08-81-4				
	300kgs (660 lbs)	VQPU (Round)	1153-08-83-1	1153-08-83-2	1153-08-83-4				
	250kgs (550 lbs)	Nylon Wheel	1153-08-45-1	1153-08-45-2	1153-08-45-4	Ball Bearing Plain Bearing Roller Bearing Annular ball bearing			
	205kgs (450 lbs)	Black Rubber Wheel(Steel Core)	1153-08-103-1	1153-08-103-2	1153-08-103-4	Roller Bearing			
	205kgs (450 lbs)	Black Rubber Wheel(Plastic Core)	1153-08-104-1	1153-08-104-2	1153-08-104-4	Roller Bearing Plain Bearing			
	205kgs (450 lbs)	Gray Rubber Wheel(Steel Core)	1153-08-106-1	1153-08-106-2	1153-08-106-4	Roller Bearing			
	205kgs (450 lbs)	Gray Rubber Wheel(Plastic Core)	1153-08-107-1	1153-08-107-2	1153-08-107-4	Roller Bearing Plain Bearing			

116S Series Heavy Duty AMR/AGV Spring-Loading Caster

Load
70 - 500 kg

- Caster fork is made of high tensile steel with harden raceway to provide long lasting service life and extreme high load capacity while maintaining low profile and overall height. It is suitable for application like AMR/AGV and robotic industry products. High quality spring design with excellent shock-absorbing capabilities keep machines carried by the caster stable while traveling across uneven surface.



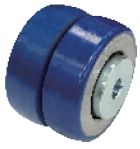


Features



Metal Thread Guard(optinal)

Wheel Options



ZQPU(Dual Wheels)



QPU



Ball Bearing



QPU(Dual Anti-Static Wheels)



King Kong Wheel

*Other Anti-Statuc Wheels Available, Please Contact The Factory

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
2", 2.5"	51 x 65 mm (2" x 2-9/16")	36 x 51.5 mm (1-13/32" x 2-1/32")	6 mm (1/4")
	51 x 84 mm (2" x 3-5/16")	37 x 70 mm (1-15/32" x 2-3/4")	6 mm (1/4")
	60 x 60 mm (2-3/8" x 2-3/8")	42.5 x 42.5 mm (1-11/16" x 1-11/16")	6 mm (1/4")
	60 x 90 mm (2-3/8" x 3-17/32")	44.5 x 73 mm (1-3/14" x 2-7/8")	8 mm (5/16")
3", 4",5",6"	85 x 110 mm (3-11/32" x 4-11/23")	60 x 80~86 mm (2-3/8" x 3-5/32"~3-3/8")	8 mm (5/16")

Diameter×Width	* Load	** Guarantee 2000 KM/ 1250 Miles	Material	Item No.			Bearing	Overall Height	Swivel radius
				Fixed	Swivel	Brake			
50mm x 20mm (41.5) (2" x 3/4")	70 kgs (154 lbs)	50 kgs (110 lbs)	ZQPU(Dual Wheels)	1165-02-101-1	1165-02-101-2	—	Ball Bearing	78mm (3-5/64")	Swivel 55 mm
	70 kgs (154 lbs)	50 kgs (110 lbs)	QPU(Dual Anti-Static Wheels)	1165-02-101-1	1165-02-101-2	—			
50mm x 40mm (2" x 1-9/16")	70 kgs (154 lbs)	50 kgs (110 lbs)	QPU	1165-02-53-1	1165-02-53-2	—			
50mm x 45mm (2" x 1-13/16")	70 kgs (154 lbs)	—	King Kong Wheel	1165-02-100-1	1165-02-100-2	—			
62.5mm x 20mm (41.5) (2-1/2" x 3/4")	250 kgs (551 lbs)	84 kgs (185 lbs)	ZQPU(Dual Wheels)	1165-25-101-1	1165-25-101-2	—	Ball Bearing	100mm (4")	Swivel 60 mm
	200 kgs (440 lbs)	67 kgs (147 lbs)	QPU(Dual Anti-Static Wheels)	1165-25-101-1	1165-25-101-2	—			
62.5mm x 45mm (2-1/2" x 1-13/16")	250 kgs (551 lbs)	—	King Kong Wheel	1165-25-100-1	1165-25-100-2	—			
	200 kgs (440 lbs)	67 kgs (147 lbs)	QPU	1165-25-80-1	1165-25-80-2	—			
75mm x 20mm (41.5) (3" x 3/4")	300 kgs (661 lbs)	100 kgs (220 lbs)	ZQPU(Dual Wheels)	1165-03-101-1	1165-03-101-2	—	Ball Bearing	116mm (4-9/16")	Swivel 65 mm
	250 kgs (551 lbs)	84 kgs (185 lbs)	QPU(Dual Anti-Static Wheels)	1165-03-101-1	1165-03-101-2	—			
75mm x 45mm (3" x 1-13/16")	300 kgs (661 lbs)	—	King Kong Wheel	1165-03-100-1	1165-03-100-2	—			
	250 kgs (551 lbs)	84 kgs (185 lbs)	QPU	1165-03-80-1	1165-03-80-2	—			
100mm x 22mm (41.5) (4" x 7/8")	400 kgs (881 lbs)	134 kgs (295 lbs)	ZQPU(Dual Wheels)	1165-04-101-1	1165-04-101-2	—	Ball Bearing	145mm (5-45/64")	Swivel 84 mm
	350 kgs (771 lbs)	117 kgs (257 lbs)	QPU(Dual Anti-Static Wheels)	1165-04-101-1	1165-04-101-2	—			
125mm x 24mm (41.5) (5" x 1")	500 kgs (1100 lbs)	167 kgs (368 lbs)	ZQPU(Dual Wheels)	1165-05-101-1	1165-05-101-2	—	Ball Bearing	175mm (7-1/8")	Swivel 102 mm
	450 kgs (992 lbs)	150 kgs (330 lbs)	QPU(Dual Anti-Static Wheels)	1165-05-101-1	1165-05-101-2	—			
150mm x 24mm (41.5) (6" x 1")	350 kgs (771 lbs)	117 kgs (257 lbs)	ZQPU(Dual Wheels)	1165-06-101-1	1165-06-101-2	—	Ball Bearing	200mm (8-1/8")	Swivel 130mm
	300 kgs (661 lbs)	100 kgs (220 lbs)	QPU(Dual Anti-Static Wheels)	1165-06-101-1	1165-06-101-2	—			

*The load is tested according to the ISO test standard

** Guarantee 2000 km life span on the selected AGV caster models under normal field application.
Dersheng reserves the right of the final interpretation on the caster test method and 2000 km guarantee.

116S Series Heavy Duty AMR/AGV-2 Caster

Load
70 - 400 kg

- Caster fork is made of high tensile steel with harden raceway to provide long lasting service life and extreme high load capacity while maintaining low profile and overall height. It is suitable for application like AMR/AGV and robotic industry products.



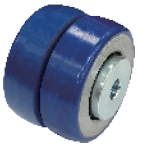


Features



Metal Thread Guard(optinal)

Wheel Options



ZQPU(Dual Wheels)



QPU



Ball Bearing



QPU(Dual Anti-Static Wheels)



King Kong Wheel

*Other Anti-Statuc Wheels Available, Please Contact The Factory

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1.5", 2"	51 x 65 mm (2" x 2-9/16")	36 x 51.5 mm (1-13/32" x 2-1/32")	6 mm (1/4")
	51 x 84 mm (2" x 3-5/16")	37 x 70 mm (1-15/32" x 2-3/4")	6 mm (1/4")
	60 x 60 mm (2-3/8" x 2-3/8")	42.5 x 42.5 mm (1-11/16" x 1-11/16")	6 mm (1/4")
	60 x 90 mm (2-3/8" x 3-17/32")	44.5 x 73 mm (1-3/14" x 2-7/8")	8 mm (5/16")
2.5", 3", 4"	85 x 110 mm (3-11/32" x 4-11/23")	60 x 80~86 mm (2-3/8" x 3-5/32"~3-3/8")	8 mm (5/16")

Diameter×Width	Load	** Guarantee 2000 KM/ 1250 Miles	Material	Item No.			Bearing	Overall Height	Swivel radius
				Fixed	Swivel	Brake			
34mm x 15mm (33) (1-21/64" x 19/32")	70 kgs (154 lbs)	50 kgs (110 lbs)	ZQPU(Dual Wheels)	1165-15-101-1(2)	1165-15-101-2(2)	—	Ball Bearing	52mm (2-3/64")	Swivel 40 mm
	70 kgs (154 lbs)	50 kgs (110 lbs)	QPU(Dual Anti-Static Wheels)	1165-15-101-1(2)	1165-15-101-2(2)	—			
50mm x 20mm (41.5) (2" x 3/4")	70 kgs (154 lbs)	50 kgs (110 lbs)	ZQPU(Dual Wheels)	1165-02-101-1(2)	1165-02-101-2(2)	—	Ball Bearing	79mm (3-7/64")	Swivel 46 mm
	70 kgs (154 lbs)	50 kgs (110 lbs)	QPU(Dual Anti-Static Wheels)	1165-02-101-1(2)	1165-02-101-2(2)	—			
50mm x 40mm (2" x 1-9/16")	70 kgs (154 lbs)	50 kgs (110 lbs)	QPU	1165-02-53-1(2)	1165-02-53-2(2)	—			
50mm x 45mm (2" x 1-13/16")	70 kgs (154 lbs)	—	King Kong Wheel	1165-02-100-1(2)	1165-02-100-2(2)	—			
62.5mm x 20mm (41.5) (2-1/2" x 3/4")	250 kgs (551 lbs)	84 kgs (185 lbs)	ZQPU(Dual Wheels)	1165-25-101-1(2)	1165-25-101-2(2)	—	Ball Bearing	87mm (3-27/64")	Swivel 65 mm
	200 kgs (440 lbs)	67 kgs (147 lbs)	QPU(Dual Anti-Static Wheels)	1165-25-101-1(2)	1165-25-101-2(2)	—			
62.5mm x 45mm (2-1/2" x 1-13/16")	250 kgs (551 lbs)	—	King Kong Wheel	1165-25-100-1(2)	1165-25-100-2(2)	—			
	200 kgs (440 lbs)	67 kgs (147 lbs)	QPU	1165-25-80-1(2)	1165-25-80-2(2)	—			
62.5mm x 20mm (41.5) (2-1/2" x 3/4")	250 kgs (551 lbs)	84 kgs (185 lbs)	ZQPU(Dual Wheels)	1165-25-101-1(2)	1165-25-101-2(2)	—	Ball Bearing	94mm (3-45/64")	Swivel 62 mm
	200 kgs (440 lbs)	67 kgs (147 lbs)	QPU(Dual Anti-Static Wheels)	1165-25-101-1(2)	1165-25-101-2(2)	—			
62.5mm x 45mm (2-1/2" x 1-13/16")	250 kgs (551 lbs)	—	King Kong Wheel	1165-25-71-1(2)	1165-25-71-2(2)	—			
	200 kgs (440 lbs)	67 kgs (147 lbs)	QPU	1165-25-53-1(2)	1165-25-53-2(2)	—			
75mm x 20mm (41.5) (3" x 3/4")	300 kgs (661 lbs)	100 kgs (220 lbs)	ZQPU(Dual Wheels)	1165-03-101-1(2)	1165-03-101-2(2)	—	Ball Bearing	105.5mm (4-5/32")	Swivel 72.5 mm
	250 kgs (551 lbs)	84 kgs (185 lbs)	QPU(Dual Anti-Static Wheels)	1165-03-101-1(2)	1165-03-101-2(2)	—			
75mm x 45mm (3" x 1-13/16")	300 kgs (661 lbs)	—	King Kong Wheel	1165-03-100-1(2)	1165-03-100-2(2)	—			
	250 kgs (551 lbs)	84 kgs (185 lbs)	QPU	1165-03-80-1(2)	1165-03-80-2(2)	—			
75mm x 20mm (41.5) (3" x 3/4")	300 kgs (661 lbs)	100 kgs (220 lbs)	ZQPU(Dual Wheels)	1165-03-101-1(2)	1165-03-101-2(2)	—	Ball Bearing	115.5mm (4-17/32")	Swivel 72.5 mm
	250 kgs (551 lbs)	84 kgs (185 lbs)	QPU(Dual Anti-Static Wheels)	1165-03-101-1(2)	1165-03-101-2(2)	—			
75mm x 45mm (3" x 1-13/16")	300 kgs (661 lbs)	—	King Kong Wheel	1165-03-71-1(2)	1165-03-71-2(2)	—			
	300 kgs (661 lbs)	100 kgs (661 lbs)	QPU	1165-03-53-1(2)	1165-03-53-2(2)	—			
100mm x 22mm (41.5) (4" x 7/8")	400 kgs (881 lbs)	134 kgs (295 lbs)	ZQPU(Dual Wheels)	1165-04-101-1(2)	1165-04-101-2(2)	—	Ball Bearing	125mm (4-59/64")	Swivel 90 mm
	350 kgs (771 lbs)	117 kgs (157 lbs)	QPU(Dual Anti-Static Wheels)	1165-04-101-1(2)	1165-04-101-2(2)	—			

*The load is tested according to the ISO test standard

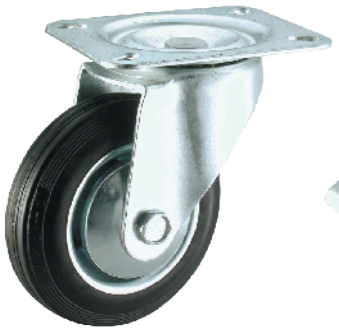
** Guarantee 2000 km life span on the selected AGV caster models under normal field application.
Dersheng reserves the right of the final interpretation on the caster test method and 2000 km guarantee.

1105 Series E Type Caster

- European style casters, sizes from 80mm to 200mm.

Load 50-210 kg







Features



Center Lock Brake



Thread guard

Wheel Options



Rubber Wheel European Style Steel rim



Rubber Wheel European Style Plactic rim



Nylon

TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
3-1/2" Plate	85 x 105 mm (3-5/16"x 4-1/8")	60 x 80 mm (2-3/8"x3-1/8")	8 mm (5/16")
4", 5" Plate	85 x 105 mm (3-5/16"x 4-1/8")	60 x 80 mm (2-3/8"x 3-1/8")	8 mm (5/16")
6", 8" Plate	110 x 140 mm (4-1/3"x5-1/2")	75 x 105 mm (3"x4-1/8")	10mm (3/8")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
80mm×35mm (3-1/2"×1-3/8")	50 kgs (110lbs)	Rubber Wheel European Style	1105-35-36-1	1105-35-36-2	1105-35-36-4	Roller Bearing	106mm (4-3/16")	Swivel 67mm Swivel W/Brake 96mm
		Nylon	1105-35-07-1	1105-35-07-2	1105-35-07-4	Plain Bearing		
100mm×30mm (4"x1-3/16")	70 kgs (155lbs)	Rubber Wheel European Style	1105-04-36-1	1105-04-36-2	1105-04-36-4	Roller Bearing	128mm (5")	Swivel 88mm Swivel W/Brake 125mm
		Nylon	1105-04-07-1	1105-04-07-2	1105-04-07-4	Plain Bearing		
125mm×37.5mm (5" x1-1/2")	100 kgs (220lbs)	Rubber Wheel European Style	1105-05-36-1	1105-05-36-2	1105-05-36-4	Roller Bearing	150mm (6")	Swivel 103mm Swivel W/Brake 124mm
		Nylon	1105-05-07-1	1105-05-07-2	1105-05-07-4	Plain Bearing		
160mm×40mm (6"x1-9/16")	155 kgs (340lbs)	Rubber Wheel European Style	1105-06-36-1	1105-06-36-2	1105-06-36-4	Roller Bearing	195mm (7-11/16")	Swivel 120mm Swivel W/Brake 160mm
		Nylon	1105-06-07-1	1105-06-07-2	1105-06-07-4	Plain Bearing		
200mm×50mm (8"x2")	210 kgs (462lbs)	Rubber Wheel European Style	1105-08-36-1	1105-08-36-2	1105-08-36-4	Roller Bearing	235mm (9-1/4")	Swivel 148mm Swivel W/Brake 161mm
		Nylon	1105-08-07-1	1105-08-07-2	1105-08-07-4	Plain Bearing		

1108-M Series

Medium Duty General Purposes Caster (Japanese Style)

- Easy swivel, quiet operation. Total lock and side lock brake are available.

Load
140-180 kg





Features

Total Lock Brake



Side Lock Brake
For 4"(136.5mm height only)



Swivel Dust Cover



Metal Thread Guard(Optional)



Wheel Options

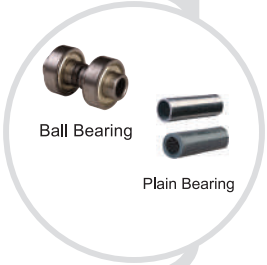

QPU on AL Core


Rubber on AL Core


Recilent rubber on AL Core


Nylon


W Resolute



SWIVEL TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
4" 5" Swivel plate	92 x 92 mm (3-5/8"x 3-5/8")	70 x 70 mm (2-3/4"x 2-3/4")	8 mm (5/16")
4" 5" Swivel plate	101x101 mm (4"x 4")	78 x 78 mm (3-1/16"x 3-1/16")	10 mm (3/8")

RIGID TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
4" 5" Rigid plate	92 x 92 mm (3-5/8"x 3-5/8")	70 x 70 mm (2-3/4"x 2-3/4")	8 mm (5/16")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100mm x 32mm (4" x 1-1/4")	160 kgs(352 lbs)	Nylon	1108-M-04-07-1	1108-M-04-07-2	1108-M-04-07-4 (Total lock)	Ball Bearing	134.5mm (5-1/4")	Swivel 85.5mm Swivel W/Total Lock Brake 117mm
	160 kgs(352 lbs)					Plain Bearing		
	140 kgs(308 lbs)	Recilent rubber on AL Core	1108-M-04-89-1	1108-M-04-89-2	1108-M-04-89-4 (Total lock)	Ball Bearing		
	140 kgs(308 lbs)	QPU on AL Core	1108-M-04-87-1	1108-M-04-87-2	1108-M-04-87-4 (Total lock)			
100mm x 36mm (4" x 1-7/16")	140 kgs(308 lbs)	W Resolute Wheel	1108-M-04(36)-64-1	1108-M-04(36)-64-2	1108-M-04(36)-64-4 (Total lock)	Ball Bearing	134.5mm (5-1/4")	Swivel 85.5mm Swivel W/Total Lock Brake 117mm
	160 kgs(352 lbs)	QPU on AL Core	1108-M-04(36)-87-1	1108-M-04(36)-87-2	1108-M-04(36)-87-4 (Total lock)			
100mm x 40mm (4" x 1-9/16")	160 kgs(352 lbs)	QPU on AL Core	1108-M-04(40)-87-1	1108-M-04(40)-87-2	1108-M-04(40)-87-4 (Total lock)			
	160 kgs(352 lbs)	Recilent rubber on AL Core	1108-M-04(40)-89-1	1108-M-04(40)-89-2	1108-M-04(40)-89-4 (Total lock)			
	160 kgs(352 lbs)	Rubber on AL Core	1108-M-04(40)-22-1	1108-M-04(40)-22-2	1108-M-04(40)-22-4 (Total lock)			
100mm x 32mm (4" x 1-1/4")	160 kgs(352 lbs)	Nylon	1108-M-04-07-1	1108-M-04-07-2	1108-M-04-07-4 (Side Brake)	Ball Bearing	136.5mm (5-3/8")	Swivel 93.5mm Swivel W/Side Brake 93.5mm
	160 kgs(352 lbs)					Plain Bearing		
	140 kgs(308 lbs)	Recilent rubber on AL Core	1108-M-04-89-1	1108-M-04-89-2	1108-M-04-89-4 (Side Brake)	Ball Bearing		
	140 kgs(308 lbs)	QPU on AL Core	1108-M-04-87-1	1108-M-04-87-2	1108-M-04-87-4 (Side Brak)			
100mm x 36mm (4" x 1-7/16")	140 kgs(308 lbs)	W Resolute Wheel	1108-M-04(36)-64-1	1108-M-04(36)-64-2	1108-M-04(36)-64-4 (Side Brake)	Ball Bearing	136.5mm (5-3/8")	Swivel 93.5mm Swivel W/Side Brake 93.5mm
	160 kgs(352 lbs)	QPU on AL Core	1108-M-04(36)-87-1	1108-M-04(36)-87-2	1108-M-04(36)-87-4 (Side Brake)			
100mm x 40mm (4" x 1-9/16")	160 kgs(352 lbs)	QPU on AL Core	1108-M-04(40)-87-1	1108-M-04(40)-87-2	1108-M-04(40)-87-4 (Side Brake)			
	160 kgs(352 lbs)	Recilent rubber on AL Core	1108-M-04(40)-89-1	1108-M-04(40)-89-2	1108-M-04(40)-89-4 (Side Brake)			
	160 kgs(352 lbs)	Rabber on AL Core	1108-M-04(40)-22-1	1108-M-04(40)-22-2	1108-M-04(40)-22-4 (Side Brake)			
125mm x 31mm (5" x 1-1/4")	160 kgs(352 lbs)	QPU on AL Core	1108-M-05-87-1	1108-M-05-87-2	1108-M-05-87-4 (Total lock)	Ball Bearing	159.5mm (6-1/4")	Swivel 99.5mm Swivel W/Total Lock Brake 117mm
	150 kgs(330 lbs)	Recilent rubber on AL Core	1108-M-05-89-1	1108-M-05-89-2	1108-M-05-89-4 (Total lock)			
125mm x 38mm (5" x 1-1/2")	160 kgs(352 lbs)	W Resolute Wheel	1108-M-05(38)-64-1	1108-M-05(38)-64-2	1108-M-05(38)-64-4 (Total lock)			
	160 kgs(352 lbs)	Nylon	1108-M-05(38)-07-1	1108-M-05(38)-07-2	1108-M-05(38)-07-4 (Total lock)	Plain Bearing		
125mm x 40mm (5" x 1-9/16")	180 kgs(396 lbs)	Recilent rubber on AL Core	1108-M-05(40)-89-1	1108-M-05(40)-89-2	1108-M-05(40)-89-4 (Total lock)	Ball Bearing	159.5mm (6-1/4")	Swivel 99.5mm Swivel W/Total Lock Brake 117mm
	180 kgs(396 lbs)	Rubber on AL Core	1108-M-05(40)-22-1	1108-M-05(40)-22-2	1108-M-05(40)-22-4 (Total lock)			
	180 kgs(396 lbs)	QPU on AL Core	1108-M-05(40)-87-1	1108-M-05(40)-87-2	1108-M-05(40)-87-4 (Total lock)			
	180 kgs(396 lbs)	Nylon	1108-M-05(40)-07-1	1108-M-05(40)-07-2	1108-M-05(40)-07-4 (Total lock)			

111 Series Institutional Caster

- Special yoke design with easy swivel; Good performance side brake.

Load 30-250kg





Features


Side Lock Brake

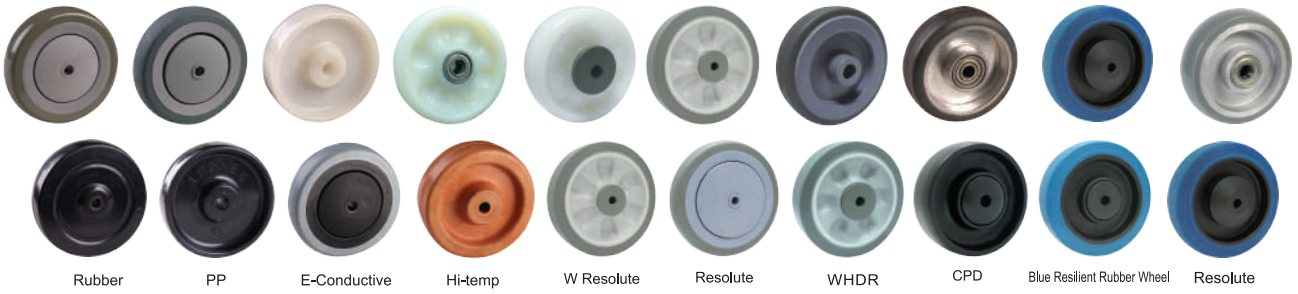

Swivel Dust Cover


Ball Bearing


Ball Bearing


Plain Bearing

Wheel Options



TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	50 x 50 mm(2"x 2")	38 x 38 mm (TW)(CN) 1-1/2" x 1-1/2" (2" Caster only)	6 mm (7/32")
2	69 x 96 mm(2-23/32"x 3-25/32")	45 x 75 mm (TW)(CN) 1-3/4" x 3"	6.35 mm (1/4")
3	77 x 66.5 mm(3"x 2-5/8")	59 x 49 mm (TW) 2-5/16" x 1-15/16"	6.35 mm (1/4")
4	93 x 110 mm(3-5/8"x 4-3/8")	70 x 85 mm (TW) 2-5/8"~3" x 3"~3-5/8" (Heavy Duty Plate)	9.5 mm (3/8")

CYLINDRICAL STEM SPECIFICATION

Suffix	Diameter x Length	Suffix	Diameter x Length
1	11 x 22mm(2") (TW)(CN) 7/16" diameter x 7/8" (2" Caster only)	2	21.6 x 56mm (CN) 0.845" diameter x 2-3/16" (For 3"~5" Casters)
3	21.9 x 56mm (TW) 0.862" diameter x 2-3/16"	4	22.8 x 45mm (CN) 0.897" diameter x 1-3/4"
5	27 x 63mm (TW) 1-1/16" diameter x 2-31/64"	6	27.2 x 45mm (CN) 1-5/64" diameter x 1-3/4"
7	28 x 30mm (CN) 1-7/64" diameter x 1-3/16"	8	28 x 45mm (TW) 1-7/64" diameter x 1-49/64"

THREADED STEM SPECIFICATION

Suffix	Threaded Size	Suffix	Threaded Size
1	3/8-16UNC x 19mm (2") (TW)(CN) (2" Caster only)	2	3/8-16UNC x 25mm (CN)
3	3/8-16UNC x 32mm (TW)	4	M10 x 35mm (CN)
5	M12 x 29mm (CN)	6	1/2-12UNC x 27.5mm (CN)
7	1/2-12UNC x 32mm (TW)	8	1/2-13UNC x 25mm (CN)
9	5/8-11UNC x 32mm (TW)	10	M16 x 30mm (CN)

SINGLE BOLT HOLE

Suffix	Centre Hole	Suffix	Centre Hole
3~5"	10.5mm	3~5"	12.5mm

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
50mm x 22mm (2" x 7/8")	30 kgs (66 lbs)	PVC	1111-02-70-1	1111-02-70-2	1111-02-70-4	Ball Bearing	Plate version OAH: 67 mm (2-5/8")	Swivel 47mm
	30 kgs (66 lbs)	TPR on PP Core	1111-02-94-1	1111-02-94-2	1111-02-94-4			
	30 kgs (66 lbs)	TPR on PP Core	1111-02-75-1	1111-02-75-2	1111-02-75-4	Plain Bearing	Cylindrical Stem Version OAH: 65 mm (2-9/16")	Posi Lock Brake 67.5 mm
	30 kgs (66 lbs)	Resolute	1111-02-68-1	1111-02-68-2	1111-02-68-4			
	30 kgs (66 lbs)	Rubber	1111-02-06-1	1111-02-06-2	1111-02-06-4		Threaded Stem Version OAH: 70 mm (2-3/4")	Swivel W/Total Lock 81.5 mm
	35 kgs (77 lbs)	PP	1111-02-29-1	1111-02-29-2	1111-02-29-4			
	40 kgs (88 lbs)	Nylon	1111-02-07-1	1111-02-07-2	1111-02-07-4			

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
75mm x 32mm (3" x 1/4")	90 kgs (198 lbs)	TPR on PP Core	1111-03-75-1	1111-03-75-2	1111-03-75-4	Ball Bearing	Plate version OAH: 111.5 mm (4-3/8") Threaded Stem Version OAH: 112.5 mm (4-7/16")	Swivel 73.5mm Swivel W/Side Brake 90 mm
	90 kgs (198 lbs)	Resolute	1111-03-68-1	1111-03-68-2	1111-03-68-4			
	160 kgs (352 lbs)	WMRC	1111-03-45-1	1111-03-45-2	1111-03-45-4			
	100kgs (220 lbs)	WPP	1111-03-46-1	1111-03-46-2	1111-03-46-4			
	90kgs (198 lbs)	WPPR	1111-03-47-1	1111-03-47-2	1111-03-47-4			
	110kgs (250 lbs)	W Resolute	1111-03-48-1	1111-03-48-2	1111-03-48-4			
	140kgs (310 lbs)	WHDR	1111-03-66-1	1111-03-66-2	1111-03-66-4			
	160kgs (352 lbs)	QPU on AL Core	1111-03-87-1	1111-03-87-2	1111-03-87-4			
	80 kgs (175 lbs)	E-Conductive	1111-03-17-1	1111-03-17-2	1111-03-17-4			
	100 kgs (220 lbs)	Nylon	1111-03-07-1	1111-03-07-2	1111-03-07-4	Plain Bearing		
	70 kgs (155 lbs)	Rubber	1111-03-06-1	1111-03-06-2	1111-03-06-4			
	90 kgs (198 lbs)	PP	1111-03-29-1	1111-03-29-2	1111-03-29-4			
100mm x 32mm (4" x 1-1/4")	120 kgs (265 lbs)	PU on PP Core	1111-04-31-1	1111-04-31-2	1111-04-31-4	Ball Bearing	Plate version OAH: 137 mm (5-3/8") Threaded Stem Version OAH: 138 mm (5-7/16")	Swivel 88 mm Swivel W/Side Brake 92 mm
	100 kgs (220 lbs)	TPR on PP Core	1111-04-75-1	1111-04-75-2	1111-04-75-4	Plain Bearing		
	125 kgs (275 lbs)	Resolute	1111-04-68-1	1111-04-68-2	1111-04-68-4	Ball Bearing		
	180 kgs (396 lbs)	WMRC	1111-04-45-1	1111-04-45-2	1111-04-45-4			
	130 kgs (285 lbs)	WPP	1111-04-46-1	1111-04-46-2	1111-04-46-4			
	100 kgs (220 lbs)	WPPR	1111-04-47-1	1111-04-47-2	1111-04-47-4			
	135 kgs (300 lbs)	W Resolute	1111-04-48-1	1111-04-48-2	1111-04-48-4			
	180 kgs (400 lbs)	WHDR	1111-04-66-1	1111-04-66-2	1111-04-66-4			
	80 kgs (176 lbs)	E-Conductive	1111-04-17-1	1111-04-17-2	1111-04-17-4			
	135 kgs (300 lbs)	Rubber on Aluminum Core	1111-04-22-1	1111-04-22-2	1111-04-22-4			
	230 kgs (506 lbs)	QPU on AL Core	1111-04-87-1	1111-04-87-2	1111-04-87-4			
	70 kgs (154 lbs)	NPPR	1111-04-67-1	1111-04-67-2	1111-04-67-4	Plain Bearing		
	120 kgs (265 lbs)	Nylon	1111-04-07-1	1111-04-07-2	1111-04-07-4			
	135 kgs (300 lbs)	Hi-temp	1111-04-25-1	1111-04-25-2	1111-04-25-4			
	80 kgs (176 lbs)	Rubber	1111-04-06-1	1111-04-06-2	1111-04-06-4			
	90 kgs (198 lbs)	PP	1111-04-29-1	1111-04-29-2	1111-04-29-4			
100mm x 36mm (4" x 1-1/2")	160 kgs (352 lbs)	CPD	1111-04-71-1	1111-04-71-2	1111-04-71-4	Ball Bearing	Plate version OAH: 137 mm (5-3/8") Threaded Stem Version OAH: 138 mm (5-7/16")	Swivel 88 mm Swivel W/Side Brake 92 mm
	160 kgs (352 lbs)	Blue Resilient Rubber Wheel	1111-04-50-1	1111-04-50-2	1111-04-50-4			
	140 kgs (308 lbs)	TPR on PP Core	1111-04-77-1	1111-04-77-2	1111-04-77-4			
	160 kgs (352 lbs)	Resolute	1111-04-76-1	1111-04-76-2	1111-04-76-4			
	250 kgs (550 lbs)	QPU on AL Core	1111-04(36)-87-1	1111-04(36)-87-2	1111-04(36)-87-4			

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
125mm x 32mm (5" x 1-1/4")	130 kgs (285 lbs)	PU on PP Core	1111-05-31-1	1111-05-31-2	1111-05-31-4	Ball Bearing	Plate version OAH: 162 mm (6-3/8") Threaded Stem Version OAH: 163 mm (6-7/16")	Swivel 99 mm Swivel W/Side Brake 99 mm
	110 kgs (240 lbs)	TPR on PP Core	1111-05-75-1	1111-05-75-2	1111-05-75-4	Plain Bearing		
	147kgs (325 lbs)	Resolute	1111-05-68-1	1111-05-68-2	1111-05-68-4	Ball Bearing		
	200kgs (440 lbs)	WMRC	1111-05-45-1	1111-05-45-2	1111-05-45-4			
	150kgs (330 lbs)	WPP	1111-05-46-1	1111-05-46-2	1111-05-46-4			
	110kgs (240 lbs)	WPPR	1111-05-47-1	1111-05-47-2	1111-05-47-4			
	147kgs (325 lbs)	W Resolute	1111-05-48-1	1111-05-48-2	1111-05-48-4			
	200 Kgs (440 lbs)	WHDR	1111-05-66-1	1111-05-66-2	1111-05-66-4			
	250 Kgs (550 lbs)	QPU on AL Core	1111-05-87-1	1111-05-87-2	1111-05-87-4			
	90 kgs (198 lbs)	E-Conductive	1111-05-17-1	1111-05-17-2	1111-05-17-4			
	140 kgs (305 lbs)	Nylon	1111-05-07-1	1111-05-07-2	1111-05-07-4	Plain Bearing		
	90 kgs (198 lbs)	Rubber	1111-05-06-1	1111-05-06-2	1111-05-06-4			
	100 kgs (220 lbs)	PP	1111-05-29-1	1111-05-29-2	1111-05-29-4			
125mm x 36mm (5" x 1-1/2")	200 kgs (440 lbs)	CPD	1111-05-71-1	1111-05-71-2	1111-05-71-4	Ball Bearing	Plate version OAH: 162 mm (6-3/8") Threaded Stem Version OAH: 163 mm (6-7/16")	Swivel 99 mm Swivel W/Side Brake 99 mm
	250 kgs (550 lbs)	Blue Resilient Rubber Wheel	1111-05-50-1	1111-05-50-2	1111-05-50-4			
	160 kgs (352 lbs)	TPR on PP Core	1111-05-77-1	1111-05-77-2	1111-05-77-4			
	180 kgs (400 lbs)	Resolute	1111-05-76-1	1111-05-76-2	1111-05-76-4			

111-TC Series

2" Wide Institutional Caster (American Style Tool Cart Caster)

- Appealing exterior design with great load capacity to compliment tool carts both functionally and aesthetically.

Load
80-130 kg



Features



Extra Clerance Between Top Plate and Body



Center Lock Brake(double pedals)



Center Lock Brake(single pedal)



Side Lock Brake

Wheel Options



PP



TPR on PP Core



Designed PP Wheel



PP



HDR



Plain Bearing



Ball Bearing Flanged Ball Bearing

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	69 x 96 mm (2-23/32"x 3-25/32")	45 x 75 mm (Plate) (1-3/4" x 3")	6.35 mm (1/4")
2	105 x 115 mm (4-1/8" x 4-1/2")	70 x 85 mm (Big Plate) (2-5/8"~3" x 3"~3-5/8")	9.5 mm (3/8")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100mm x 48mm (4" x 1-7/8")	80kgs (176 lbs)	PP	1111-TC-04-29-1	1111-TC-04-29-2	1111-TC-04-29-4	Plain Bearing	Plate OAH: 138.5mm (5-7/16") Big Plate OAH: 139.5mm (5-1/2")	Swivel 91mm Swivel W/Side Brake 94mm Swivel W/Center lock 118.5mm (single pedal)
100mm x 50mm (4" x 2")	130kgs (286 lbs)	HDR	1111-TC-04-74-1	1111-TC-04-74-2	1111-TC-04-74-4	Ball Bearing		
125mm x 49mm (5" x 1-15/16")	100kgs (220 lbs)	PP	1111-TC-05-29-1	1111-TC-05-29-2	1111-TC-05-29-4	Plain Bearing	Plate OAH: 158mm (6-1/4") Plate with extra clerance OAH: 176.5mm (6-15/16") Big Plate OAH: 165mm (6-1/2")	Swivel 97.5mm Swivel W/Side Brake 97.5mm Swivel W/Center lock 118.5mm (single pedal) Swivel W/Center lock 132.5mm (double pedals)
	100kgs (220 lbs)	Designed PP Wheel	1111-TC-05-65-1	1111-TC-05-65-2	1111-TC-05-65-4	Plain Bearing		
	100kgs (220 lbs)	PP	1111-TC-05-73-1	1111-TC-05-73-2	1111-TC-05-73-4	Plain Bearing		
125mm x 50mm (5" x 2")	90kgs (198 lbs)	TPR on PP Core	1111-TC-05-26-1	1111-TC-05-26-2	1111-TC-05-26-4	Ball Bearing Flanged Ball Bearing		
	130kgs (286 lbs)	HDR	1111-TC-05-74-1	1111-TC-05-74-2	1111-TC-05-74-4	Ball Bearing		
150mm x 50mm (6" x 2")	130kgs (286 lbs)	TPR on PP Core	1111-TC-06-26-1	1111-TC-06-26-2	1111-TC-06-26-4	Ball Bearing	Plate with extra clerance OAH:201mm (7-15/16") Big Plate OAH: 187mm (7-3/8")	Swivel 111.5mm Swivel W/Center lock 132.5mm (double pedals)
	130kgs (286 lbs)	HDR	1111-TC-06-74-1	1111-TC-06-74-2	1111-TC-06-74-4	Ball Bearing		

1115-L Series TW Institutional Spring-loaded Caster

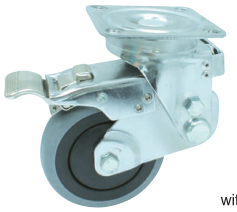
- Institutional version of spring-loaded caster. Ideal for chip industry and tool cart.

Load
60-150 kg





Features



Total Lock Brake
with Aluminum Alloy Pedal



Thread guard

Wheel Options



E-Conductive



TPR on PP Core



W Resolute Wheel



Resolute



QPU on AL Core



Ball Bearing

TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
4", 5"	91 x 91 mm (3-9/16"x 3-9/16")	68 x 68 mm (2-11/16"x 2-11/16")	10 mm (3/8")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100mm×32mm (4"×1-1/4")	60 kgs (130 lbs)	E-Conductive	–	1115-04-17-2-L	1115-04-17-4-L	Ball Bearing	155.5mm (6-1/8")	Swivel82.5mm Swivel W/Center lock105mm
	90 kgs (198 lbs)	TPR on PP Core	–	1115-04-75-2-L	1115-04-75-4-L			
	130 kgs (286 lbs)	W Resolute Wheel	–	1115-04-48-2-L	1115-04-48-4-L			
	120 kgs (264 lbs)	Resolute	–	1115-04-68-2-L	1115-04-68-4-L			
	140 kgs (308 lbs)	**QPU on AL Core**	–	**1115-04-87-2-L**	**1115-04-87-4-L**			
125mm×32mm (5"x1-1/4")	70 kgs (150 lbs)	E-Conductive	–	1115-05-17-2-L	1115-05-17-4 -L	Ball Bearing	193 mm (7-5/8")	Swivel91.5mm Swivel W/Center lock 105 mm
	100 kgs (200 lbs)	TPR on PP Core	–	1115-05-75-2-L	1115-05-75-4-L			
	147 kgs (323 lbs)	W Resolute Wheel	–	1115-05-48-2-L	1115-05-48-4-L			
	140 kgs (308 lbs)	Resolute	–	1115-05-68-2-L	1115-05-68-4-L			
	150 kgs (330 lbs)	**QPU on AL Core**	–	**1115-05-87-2-L**	**1115-05-87-4-L**			

1123 Series Shopping Cart Casters (European/Asian Style)

- Made for shopping trolleys. Specially designed for elevator, the two-or-three-track wheels can be automatically stationed in the groove of the elevator to prevent the carts from slipping, ideal for supermarket and airport. Also featuring wheels for regular floor mobility purpose.



Load
50 -100kg

Features



Wheel Options



PU on PP Core | TPR on PP Core | Two Discs | Three Discs | Two Discs Accommodate Three Discs Fork



Single Drop Disc | FRICTION WHEEL | E-Conductive | Super Wheel (large cap) | Super Wheel (small cap)

SINGLE BOLT HOLE

Suffix	Centre Hole
1	M12

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100mm x 32mm (4" x 1-1/4")	90kgs(198lbs)	TPR on PP Core	--	1123-04-26-2	--	Ball Bearing	133 mm (5-1/8")	88mm
	90kgs(198lbs)	PU on PP Core	--	1123-04-39-2	--			
125mm x 21mm (5" x 13/16")	80kgs(176lbs)	Three Discs	--	1123-05-60-2	--	Ball Bearing	150 mm (5-7/8")	106mm
125mm x 22mm (5" x 7/8")	50kgs(110lbs)	Two Discs Accommodate Three Discs Fork	--	1123-05-61-2	--			
125mm x 32mm (5" x 1-1/4")	100kgs(220lbs)	Single Drop Disc	--	1123-05-59-2	--	Ball Bearing	158 mm (6-1/8")	110mm
	50kgs(110lbs)	Two Discs	--	1123-05-13-2	--			
	100kgs(220lbs)	PU on PP Core	--	1123-05-39-2	--			
	100kgs(220lbs)	TPR on PP Core	--	1123-05-56-2	--			
	100kgs(220lbs)	FRICTION WHEEL	--	1123-05-72-2	--			
	100kgs(220lbs)	E-Conductive	--	1123-05-17-2	--			
	100kgs(220lbs)	Super Wheel(large cap)	--	1123-05-98-2	--			
	100kgs(220lbs)	Super Wheel(small cap)	--	1123-05-99-2	--			

1106 Series Medical Caster

Load 50-250 kg

- Special yoke design to swivel easily. High performance total lock brake to be activated easily and effectively. Brake pedals are made of fibre-filled plastic with brake mechanism made of high tensile steel to ensure minimum distortion during the long service life.



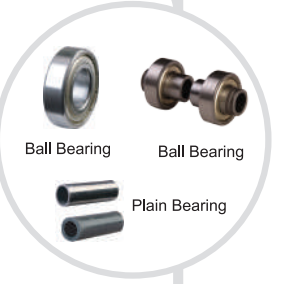


Features


Reinforced Rigid Fork(consult factory)


90° Directional Lock


180° Directional Lock




Total Lock Brake
with Dual Nylon Pedals


Total Lock Brake (Long Pedal)


Angle Bar Plate

Wheel Options



TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	69 x 96 mm (2-23/32"x 3-25/32")	45 x 75 mm 1-3/4"x 3"	6.35 mm (1/4")
2	72 x 91 mm (2-13/16"x 3-19/32")	53 x 72 mm 2-1/8"x 2-7/8"	6.35 mm (1/4")
3	77 x 66.5 mm (3" x 2-5/8")	59 x 49 mm (TW) 2-5/16" x 1-15/16"	6.35 mm (1/4")
4	69 x 96 mm (2-23/32" x 3-25/32")	49 x 74.5 mm (1-15/16" x 2-15/16")	8 mm (5/16")
5	93 x 110 mm (3"-5/8" x 4-3/8")	70 x 85 mm 2-5/8"~3" x 3"~3-5/8" (Heavy Duty Plate)	9.5 mm (3/8")

CYLINDRICAL STEM SPECIFICATION

Suffix	Diameter x Length	Suffix	Diameter x Length
3"~6"	11 x 38mm (TW)	3"~6"	21.9 x 56mm (TW) 0.862" diameter x 2-3/16"
3"~6"	27 x 63mm (TW) 1-1/16" diameter x 2-31/64"	3"~6"	28 x 45mm (TW) 1-7/64" diameter x 1-49/64"

THREADED STEM SPECIFICATION

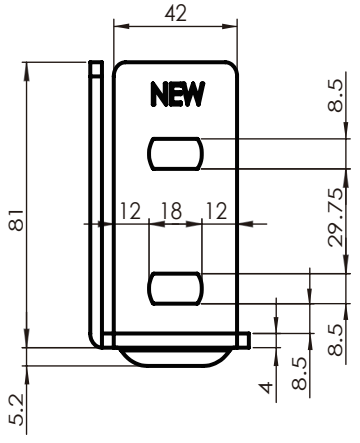
Suffix	Threaded Size	Suffix	Threaded Size
3"~6"	3/8-16UNC x 32mm (TW)	3"~6"	1/2-12UNC x 32mm (TW)
3"~6"	5/8-11UNC x 32mm (TW)	3"~6"	M12-1.75 x 32mm (TW)

SINGLE BOLT HOLE

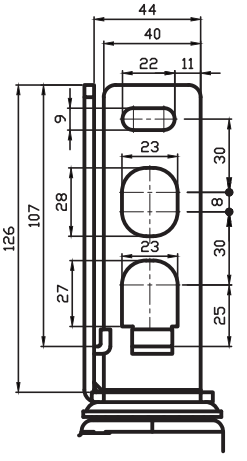
Suffix	Centre Hole	Suffix	Centre Hole
3"~6"	10.5mm (TW)(for 3/8" & M10 shaft)	3"~6"	12.5mm (TW)(for M12 shaft)
3"~6"	13mm (TW)(for 1/2" shaft)		

ANGLE BAR PLATE SPECIFICATION

Two Holes Specification



Three Holes Specification



Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
75mm x 24mm (3" x 1 ")	40 kgs (88 lbs)	TPR on PP Core	1106-R-03-75-1	1106-R-03-75-2	1106-R-03-75-4	Ball Bearing	Plate Version OAH: 112mm (4-7/16")	Swivel 74mm Swivel W/Total lock(regular pedal) 107mm Swivel W/Total lock(long pedal) 123mm
	50 kgs (110 lbs)	Resolute	1106-R-03-68-1	1106-R-03-68-2	1106-R-03-68-4			
75mm x 32mm (3"-1-1/4")	90 kgs (198 lbs)	TPR on PP Core	1106-03-75-1	1106-03-75-2	1106-03-75-4	Plain Bearing Ball Bearing	Threaded Stem OAH: 113mm (4-29/64")	
	160 kgs (352 lbs)	QPU on AL Core	1106-03-87-1	1106-03-87-2	1106-03-87-4	Ball Bearing	Cylindrical Stem OAH: 110mm (4-21/64")	
	90 kgs (198 lbs)	WPPR	1106-03-47-1	1106-03-47-2	1106-03-47-4		Two holes angle bar plate OAH: 110mm (4-21/64")	
	90 kgs (198 lbs)	Resolute	1106-03-68-1	1106-03-68-2	1106-03-68-4		Three holes angle bar plate OAH: 139mm (5-15/32")	
	110 kgs (250 lbs)	W Resolute	1106-03-48-1	1106-03-48-2	1106-03-48-4			
	80 kgs (175 lbs)	E-Conductive	1106-03-17-1	1106-03-17-2	1106-03-17-4			
	160 kgs (352 lbs)	WMRC	1106-03-45-1	1106-03-45-2	1106-03-45-4			
	70 kgs (155 lbs)	Rubber	1106-03-06-1	1106-03-06-2	1106-03-06-4	Plain Bearing		
	90 kgs (198 lbs)	PP	1106-03-29-1	1106-03-29-2	1106-03-29-4			
100mm x 24mm (4" x 1")	50 kgs (110 lbs)	TPR on PP Core	1106-R-04-75-1	1106-R-04-75-2	1106-R-04-75-4	Ball Bearing	Plate Version OAH: 137mm (5-25/64")	Swivel 89mm Swivel W/Total lock(regular pedal) 106mm Swivel W/Total lock(long pedal) 122mm Swivel W/Side Brake 95mm
	55 kgs (121 lbs)	Resolute	1106-R-04-68-1	1106-R-04-68-2	1106-R-04-68-4			
100mm×32mm (4"×1-1/4")	120 kgs (265 lbs)	PU on PP Core	1106-04-31-1	1106-04-31-2	1106-04-31-4	Ball Bearing Plain Bearing	Threaded Stem OAH: 138mm (5-7/16")	
	100 kgs (220 lbs)	TPR on PP Core	1106-04-75-1	1106-04-75-2	1106-75-31-4		Cylindrical Stem OAH: 135mm (5-5/16")	
	80kgs (175lbs)	TPR on PP Core (Donut)	1106-04-110-1	1106-04-110-2	1106-04-110-4		Two holes angle bar plate OAH: 136mm (5-23/64")	
	90kgs (198lbs)	Resolute (Donut)	1106-04-111-1	1106-04-111-2	1106-04-111-4		Three holes angle bar plate OAH: 155mm (6-7/64")	
	125kgs (275 lbs)	Resolute	1106-04-68-1	1106-04-68-2	1106-04-68-4	Ball Bearing		
	80 kgs (176 lbs)	E-Conductive	1106-04-17-1	1106-04-17-2	1106-04-17-4			
	135kgs (300 lbs)	W Resolute	1106-04-48-1	1106-04-48-2	1106-04-48-4			
	180kgs (400 lbs)	WHDR	1106-04-66-1	1106-04-66-2	1106-04-66-4			
	100kgs (220 lbs)	WPPR	1106-04-47-1	1106-04-47-2	1106-04-47-4			
	180kgs (396 lbs)	WMRC	1106-04-45-1	1106-04-45-2	1106-04-45-4			
	130kgs (285 lbs)	WPP	1106-04-46-1	1106-04-46-2	1106-04-46-4			
	135 kgs (300 lbs)	Rubber on Aluminum Core	1106-04-22-1	1106-04-22-2	1106-04-22-4			
	200kgs (440 lbs)	QPU on AL Core	1106-04-87-1	1106-04-87-2	1106-04-87-4			
	70kgs (154lbs)	NPPR	1106-04-67-1	1106-04-67-2	1106-04-67-4	Plain Bearing		
	120 kgs (265 lbs)	Nylon	1106-04-07-1	1106-04-07-2	1106-04-07-4			
	135 kgs (300 lbs)	Hi-temp	1106-04-25-1	1106-04-25-2	1106-04-25-4			
	80 kgs (175 lbs)	Rubber	1106-04-06-1	1106-04-06-2	1106-04-06-4			
	90 kgs (198 lbs)	PP	1106-04-29-1	1106-04-29-2	1106-04-29-4			





Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100mm x 36mm (4" x 1-1/2")	160kgs (352lbs)	CPD	1106-04-71-1	1106-04-71-2	1106-04-71-4	Ball Bearing	Plate Version OAH: 137mm (5-25/64") Threaded Stem OAH: 138mm (5-7/16") Cylindrical Stem OAH: 135mm (5-5/16") Two holes angle bar plate OAH: 136mm (5-23/64") Three holes angle bar plate OAH: 155mm (6-7/64")	Swivel 89mm Swivel W/Total lock(regular pedal) 106mm Swivel W/Total lock(long pedal) 122mm Swivel W/Side Brake 95mm
	160kgs (352lbs)	Blue Resilient Rubber Wheel	1106-04-50-1	1106-04-50-2	1106-04-50-4			
	140 kgs (305 lbs)	TPR on PP Core	1106-04-77-1	1106-04-77-2	1106-04-77-4			
	160kgs (352lbs)	Resolute	1106-04-76-1	1106-04-76-2	1106-04-76-4			
	200kgs (440 lbs)	QPU on AL Core	1106-04-87-1	1106-04-87-2	1106-04-87-4			
125mm x 24.5mm (5" x 1")	70 kgs (155 lbs)	TPR on PP Core	1106-R-05-75-1	1106-R-05-75-2	1106-R-05-75-4	Ball Bearing	Plate Version OAH: 162mm (6-3/8") Threaded Stem OAH: 163mm (6-27/64") Cylindrical Stem OAH: 160mm (6-19/64") Two holes angle bar plate OAH: 160mm (6-19/64") Three holes angle bar plate OAH: 188mm (7-13/32")	Swivel 101mm Swivel W/Total lock(regular pedal) 109mm Swivel W/Total lock(long pedal) 125mm Swivel W/Side Brake 101mm
	80 kgs (175 lbs)	Resolute	1106-R-05-68-1	1106-R-05-68-2	1106-R-05-68-4			
125mm×32mm (5"×1-1/4")	130kgs (285lbs)	PU on PP Core	1106-05-31-1	1106-05-31-2	1106-05-31-4	Ball Bearing Plain Bearing		
	110 kgs (240 lbs)	TPR on PP Core	1106-05-75-1	1106-05-75-2	1106-05-75-4			
	100kgs (220lbs)	TPR on PP Core (Donut)	1106-05-110-1	1106-05-110-2	1106-05-110-4			
	120kgs (265lbs)	Resolute (Donut)	1106-05-111-1	1106-05-111-2	1106-05-111-4			
	147 kgs (325 lbs)	Resolute	1106-05-68-1	1106-05-68-2	1106-05-68-4	Ball Bearing		
	90 kgs (198 lbs)	E-Conductive	1106-05-17-1	1106-05-17-2	1106-05-17-4			
	147 kgs (325 lbs)	W Resolute	1106-05-48-1	1106-05-48-2	1106-05-48-4			
	180 kgs (400 lbs)	WHDR	1106-05-66-1	1106-05-66-2	1106-05-66-4			
	110 kgs (240 lbs)	WPPR	1106-05-47-1	1106-05-47-2	1106-05-47-4			
	200 kgs (440 lbs)	WMRC	1106-05-45-1	1106-05-45-2	1106-05-45-4			
	150 kgs (330 lbs)	WPP	1106-05-46-1	1106-05-46-2	1106-05-46-4			
	200kgs (440 lbs)	QPU on AL Core	1106-05-87-1	1106-05-87-2	1106-05-87-4			
	140 kgs (305 lbs)	Nylon	1106-05-07-1	1106-05-07-2	1106-05-07-4	Plain Bearing		
	90 kgs (198 lbs)	Rubber	1106-05-06-1	1106-05-06-2	1106-05-06-4			
	100 kgs (220 lbs)	PP	1106-05-29-1	1106-05-29-2	1106-05-29-4			
125mmx36mm (5"x1-1/2")	200 kgs (440 lbs)	CPD	1106-05-71-1	1106-05-71-2	1106-05-71-4	Ball Bearing		
	250 kgs (550 lbs)	Blue Resilient Rubber Wheel	1106-05-50-1	1106-05-50-2	1106-05-50-4			
	160kgs (352lbs)	TPR on PP Core	1106-05-77-1	1106-05-77-2	1106-05-77-4			
	180kgs (400lbs)	Resolute	1106-05-76-1	1106-05-76-2	1106-05-76-4			





Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
150mm×32mm (6"×1-1/4")	110 kgs (240 lbs)	TPR on PP Core	1106-06-75-1	1106-06-75-2	1106-06-75-4	Ball Bearing	Plate Version OAH: 187mm (7-23/64")	Swivel 113mm Swivel W/Total lock(regular pedal) 113mm Swivel W/Total lock(long pedal) 125mm Swivel W/Side Brake 113mm
	147 kgs (325 lbs)	Resolute	1106-06-68-1	1106-06-68-2	1106-06-68-4		Threaded Stem OAH: 188mm (7-13/32")	
	147 kgs (325 lbs)	W Resolute	1106-06-48-1	1106-06-48-2	1106-06-48-4		Cylindrical Stem OAH: 185mm (7-9/32")	
	200kgs (440 lbs)	WHDR	1106-06-66-1	1106-06-66-2	1106-06-66-4		Two holes angle bar plate OAH: 184mm (7-1/4")	
	110 kgs (240 lbs)	WPPR	1106-06-47-1	1106-06-47-2	1106-06-47-4		Three holes angle bar plate OAH: 204mm (8-1/32")	



1129 Series Medical Caster

- Special yoke design to swivel easily. High performance total lock brake to be actiated easily and effectively. Brake pedals are made of fibre-filled plastic on strength-enhanced aluminum alloy. Stainless steel brake chips are of good rust resistance.

Load
50-250 kg





Features


90° Directional Lock


180° Directional Lock


Total Lock Brake
with Dual Nylon Pedals

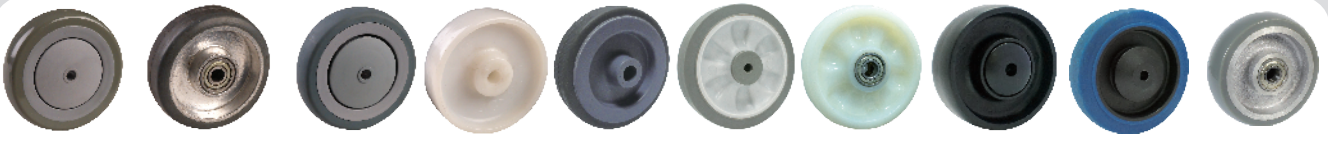

Total Lock Brake
with Aluminum Alloy Pedal


Swivel Dust Cover


Housing Cover



Wheel Options



TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	64 x 64 mm (2-1/2"x 2-1/2")	48 x 48 mm 1-7/8"x1-7/8"(3"Caster only)	6 mm (3/16")
2	69 x 96 mm (2-23/32"x 3-25/32")	45 x 75 mm 1-3/4"x 3"	6.35 mm (1/4")
3	72 x 91 mm (2-13/16"x 3-19/32")	53 x 72 mm 2-1/8"x 2-7/8"	6.35 mm (1/4")
4	80 x 105 mm (3-1/8"x 4-1/8")	60 x 85 mm 2-3/8"x 3-7/16"(American Plate)	8 mm (5/16")
5	85 x 105 mm (3-5/16"x 4-1/8")	60 x 80 mm 2-3/8"x 3-1/8"(European Plate)	8 mm (5/16")
6	93 x 110 mm (3-5/8" x 4-3/8")	70 x 85 mm 2-5/8"~3" x 3"~3-5/8" (Heavy Duty Plate)	9.5 mm (3/8")

CYLINDRICAL STEM SPECIFICATION

Suffix	Diameter x Length	Suffix	Diameter x Length
3"	11 x 22mm (CN) 7/16" diameter x 7/8"	3"	11 x 50mm (CN) 7/16" diameter x 1-31/32"
4"~6"	21.6 x 56mm (CN) 0.845" diameter x 2-3/16" (For 3"~5" Casters)	4"~6"	22.8 x 45mm (CN) 0.897" diameter x 1-3/4"
4"~6"	27.2 x 45mm (CN) 1-5/64" diameter x 1-3/4"	4"~6"	28 x 30mm (CN) 1-7/64" diameter x 1-3/16"

THREADED STEM SPECIFICATION

Suffix	Threaded Size	Suffix	Threaded Size
3"	3/8-16UNC x 25mm (CN)	3"	M10 x 15mm (CN)
3"	M10 x 25mm (CN)	3"	M12 x 25mm (CN)
4"~6"	3/8-16UNC x 25mm (CN)	4"~6"	M10 x 35mm (CN)
4"~6"	M12 x 29mm (CN)	4"~6"	1/2-12UNC x 27.5mm (CN)
4"~6"	1/2-13UNC x 25mm (CN)	4"~6"	M16 x 30mm (CN)

SINGLE BOLT HOLE

Suffix	Centre Hole	Suffix	Centre Hole
3"	10.2mm (CN)	4"~6"	10.5mm (CN)
4"~6"	12.5mm (CN)		

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
75mm×27mm (3"×1")	70 kgs (155 lbs)	PU on PP Core	1129-03-31-1	1129-03-31-2	1129-03-31-4	Ball Bearing	Plate Version OAH: 106mm (4-1/8")	Swivel 67mm Swivel W/Total lock 91mm
	70 kgs (155 lbs)	TPR on PP Core	1129-03-75-1	1129-03-75-2	1129-03-75-4	Plain Bearing		
	56 kgs (125 lbs)	Resolute	1129-03-68-1	1129-03-68-2	1129-03-68-4	Ball Bearing	Threaded Stem OAH: 110mm (4-21/64")	
	60 kgs (132 lbs)	NPPR	1129-03-67-1	1129-03-67-2	1129-03-67-4			
	80 kgs (175 lbs)	E-Conductive	1129-03-17-1	1129-03-17-2	1129-03-17-4			
	70 kgs (155 lbs)	Nylon	1129-03-07-1	1129-03-07-2	1129-03-07-4	Plain Bearing	Single Bolt Hole/ Cylindrical Stem OAH: 104mm (4-3/32")	
	50 kgs (110 lbs)	Rubber	1129-03-06-1	1129-03-06-2	1129-03-06-4			
	60 kgs (132 lbs)	PP	1129-03-29-1	1129-03-29-2	1129-03-29-4			
100mm x 24mm (4" x 1")	50 kgs (110 lbs)	TPR on PP Core	1129-R-04-75-1	1129-R-04-75-2	1129-R-04-75-4	Ball Bearing	Plate Version OAH: 136mm (5-3/8") Threaded Stem OAH: 136mm (5-3/8") Single Bolt Hole/ Cylindrical Stem OAH: 132mm (5-13/64")	Swivel 91mm Swivel W/Total lock 98mm Swivel W/Side Brake 95mm
	55 kgs (121 lbs)	Resolute	1129-R-04-68-1	1129-R-04-68-2	1129-R-04-68-4			
100mm×32mm (4"×1-1/4")	120kgs (265 lbs)	PU on PP Core	1129-04-31-1	1129-04-31-2	1129-04-31-4	Ball Bearing		
	100kgs (220 lbs)	TPR on PP Core	1129-04-75-1	1129-04-75-2	1129-04-75-4			
	80kgs (175lbs)	TPR on PP Core (Donut)	1129-04-110-1	1129-04-110-2	1129-04-110-4	Plain Bearing		
	90kgs (198lbs)	Resolute (Donut)	1129-04-111-1	1129-04-111-2	1129-04-111-4			
	125kgs (275 lbs)	Resolute	1129-04-68-1	1129-04-68-2	1129-04-68-4	Ball Bearing		
	80 kgs (176 lbs)	E-Conductive	1129-04-17-1	1129-04-17-2	1129-04-17-4			
	135kgs (300 lbs)	W Resolute	1129-04-48-1	1129-04-48-2	1129-04-48-4			
	180kgs (400 lbs)	WHDR	1129-04-66-1	1129-04-66-2	1129-04-66-4			
	100kgs (220 lbs)	WPPR	1129-04-47-1	1129-04-47-2	1129-04-47-4			
	180kgs (396 lbs)	WMRC	1129-04-45-1	1129-04-45-2	1129-04-45-4			
	130kgs (285 lbs)	WPP	1129-04-46-1	1129-04-46-2	1129-04-46-4			
	135 kgs (300 lbs)	Rubber on Aluminum Core	1129-04-22-1	1129-04-22-2	1129-04-22-4			
	200kgs (440 lbs)	QPU on AL Core	1129-04-87-1	1129-04-87-2	1129-04-87-4			
	70kgs (154 lbs)	NPPR	1129-04-67-1	1129-04-67-2	1129-04-67-4	Plain Bearing		
	120 kgs (265 lbs)	Nylon	1129-04-07-1	1129-04-07-2	1129-04-07-4			
	135 kgs (300 lbs)	Hi-temp	1129-04-25-1	1129-04-25-2	1129-04-25-4			
	80 kgs (175 lbs)	Rubber	1129-04-06-1	1129-04-06-2	1129-04-06-4			
	90 kgs (198 lbs)	PP	1129-04-29-1	1129-04-29-2	1129-04-29-4			



Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100mmx36mm (4"x1-1/2")	160 kgs (352 lbs)	CPD	1129-04-71-1	1129-04-71-2	1129-04-71-4	Ball Bearing	Plate Version OAH: 136mm (5-3/8") Threaded Stem OAH: 136mm (5-3/8") Single Bolt Hole/ Cylindrical Stem OAH: 132mm (5-13/64")	Swivel 91mm Swivel W/Total lock 98mm Swivel W/Side Brake 95mm
	160 kgs (352 lbs)	Blue Resilient Rubber Wheel	1129-04-50-1	1129-04-50-2	1129-04-50-4			
	140kgs (308 lbs)	TPR on PP Core	1129-04-77-1	1129-04-77-2	1129-04-77-4			
	160kgs (352 lbs)	Resolute	1129-04-76-1	1129-04-76-2	1129-04-76-4			
	200kgs (440 lbs)	QPU on AL Core	1129-04-87-1	1129-04-87-2	1129-04-87-4			
125mm x 24.5mm (5" x 1")	70 kgs (155 lbs)	TPR on PP Core	1129-R-05-75-1	1129-R-05-75-2	1129-R-05-75-4	Ball Bearing	Plate Version OAH: 162mm (6-3/8") Threaded Stem OAH: 162mm (6-3/8") Single Bolt Hole/ Cylindrical Stem OAH: 156mm (6-9/64")	Swivel 101mm Swivel W/Total lock 101mm Swivel W/Side Brake 101mm
	80 kgs (175 lbs)	Resolute	1129-R-05-68-1	1129-R-05-68-2	1129-R-05-68-4			
125mm×32mm (5"×1-1/4")	130kgs (285 lbs)	PU on PP Core	1129-05-31-1	1129-05-31-2	1129-05-31-4	Ball Bearing Plain Bearing		
	110kgs (240 lbs)	TPR on PP Core	1129-05-75-1	1129-05-75-2	1129-05-75-4			
	100kgs (220lbs)	TPR on PP Core (Donut)	1129-05-110-1	1129-05-110-2	1129-05-110-4			
	120kgs (265lbs)	Resolute (Donut)	1129-05-111-1	1129-05-111-2	1129-05-111-4			
	147 kgs (325 lbs)	Resolute	1129-05-68-1	1129-05-68-2	1129-05-68-4	Ball Bearing		
	90 kgs (198 lbs)	E-Conductive	1129-05-17-1	1129-05-17-2	1129-05-17-4			
	147 kgs (325 lbs)	W Resolute	1129-05-48-1	1129-05-48-2	1129-05-48-4			
	180 kgs (400 lbs)	WHDR	1129-05-66-1	1129-05-66-2	1129-05-66-4			
	110kgs (240 lbs)	WPPR	1129-05-47-1	1129-05-47-2	1129-05-47-4			
	200 kgs (440 lbs)	WMRC	1129-05-45-1	1129-05-45-2	1129-05-45-4			
	150 kgs (330 lbs)	WPP	1129-05-46-1	1129-05-46-2	1129-05-46-4			
	200kgs (440 lbs)	QPU on AL Core	1129-05-87-1	1129-05-87-2	1129-05-87-4			
	140 kgs (305 lbs)	Nylon	1129-05-07-1	1129-05-07-2	1129-05-07-4	Plain Bearing		
	90 kgs (198 lbs)	Rubber	1129-05-06-1	1129-05-06-2	1129-05-06-4			
	100 kgs (220 lbs)	PP	1129-05-29-1	1129-05-29-2	1129-05-29-4			
125mmx36mm (5"x1-1/2")	200 kgs (440 lbs)	CPD	1129-05-71-1	1129-05-71-2	1129-05-71-4	Ball Bearing	Plate Version OAH: 162mm (6-3/8") Threaded Stem OAH: 162mm (6-3/8") Single Bolt Hole/ Cylindrical Stem OAH: 156mm (6-9/64")	Swivel 101mm Swivel W/Total lock 101mm Swivel W/Side Brake 101mm
	250 kgs (550 lbs)	Blue Resilient Rubber Wheel	1129-05-50-1	1129-05-50-2	1129-05-50-4			
	160kgs (352 lbs)	TPR on PP Core	1129-05-77-1	1129-05-77-2	1129-05-77-4			
	180kgs (400 lbs)	Resolute	1129-05-76-1	1129-05-76-2	1129-05-76-4			



Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
150mm×32mm (6"×1-1/4")	110 kgs (240 lbs)	TPR on PP Core	1129-06-75-1	1129-06-75-2	1129-06-75-4	Ball Bearing	Plate Version OAH: 186mm (7-3/8") Threaded Stem OAH: 186mm (7-3/8") Single Bolt Hole/ Cylindrical Stem OAH: 181mm (7-1/8")	Swivel 113mm Swivel W/Total lock 113mm Swivel W/Side Brake 113mm
	147 kgs (325 lbs)	Resolute	1129-06-68-1	1129-06-68-2	1129-06-68-4			
	147 kgs (325 lbs)	W Resolute	1129-06-48-1	1129-06-48-2	1129-06-48-4			
	200 kgs (440 lbs)	WHDR	1129-06-66-1	1129-06-66-2	1129-06-66-4			
	110 kgs (240 lbs)	WPPR	1129-06-47-1	1129-06-47-2	1129-06-47-4			



1130 Series

Medium Duty General Purposes Caster (American Style)

Load
70 -250 kg

- Pressed steel caster horn/ housing design to swivel easily under load.
  Good performance side brake and total lock brake for options.



Features



Reinforced Rigid Fork
(consult factory)



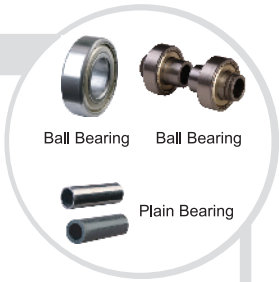
Total Lock Brake
with Extra Big Pedal



Posi Lock Brake



Swivel Dust Cover



Please consult the factory.



Total Lock Brake
with Long Pedal (standard)



Total Lock Brake
with Short Pedal



Side Lock Brake



Angle Bar Plate



Adjustable Top Plate

Wheel Options



PU on PP Core



TPR on PP Core



Nylon



WMRC



WPP



WPPR



NPPR



Rubber on Aluminum Core



TPR on PP Core



QPU on AL Core



Rubber



PP



E-Conductive



Hi-temp



W Resolute



Resolute



WHDR



CPD



Blue Resilient Rubber Wheel



Resolute



Rubber on Steel Core



TPR on PP Core
(Donut)



Resolute
(Donut)

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	69 x 96 mm (2-3/4" x 3-3/4")	45x75 mm 1 -3/4"x3"	6.35 mm (1/4")
2	72 x 91 mm (2-13/16" x 3-19/32")	53x72 mm 2-1/8"x2-7/8"	6.35 mm (1/4")
3	93 x 110 mm (3-5/8" x 4-3/8")	70 x 85 mm (Big Plate) 2-5/8"~3"x3"~3-5/8"	9.5 mm (3/8")

CYLINDRICAL STEM SPECIFICATION

Suffix	Diameter x Length	Suffix	Diameter x Length
1	11X38mm (7/16"diameter X 1-1/2")	2	21.6X56mm (0.845"diameter X 2-3/16")
3	22X56mm (0.865"diameter X 2-3/16")		

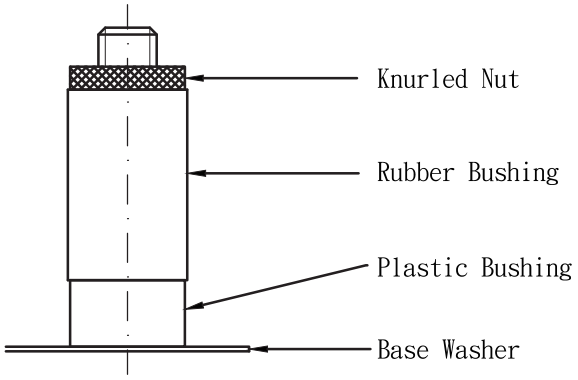
THREADED STEM SPECIFICATION

Suffix	Threaded Size	Suffix	Threaded Size	Suffix	Threaded Size
1	3/8-16UNCx19 **	2	3/8-16UNCx25 **	3	3/8-16UNCx32 *
4	3/8-16UNCx38 **	5	1/2-12UNCx19 **	6	1/2-12UNCx25 **
7	1/2-12UNCx32 *	8	1/2-12UNCx38 **	9	1/2-13UNCx19 **
10	1/2-13UNCx25 **	11	1/2-13UNCx32 *	12	1/2-13UNCx38 **
13	1/2-13UNCx70 **	14	5/8-11UNCx25 **	15	5/8-11UNCx32 *
16	M16-2.0x20 *				

* Hexagon Head ** Round Head

RUBBER EXPANDING ADAPTERS SPECIFICATION

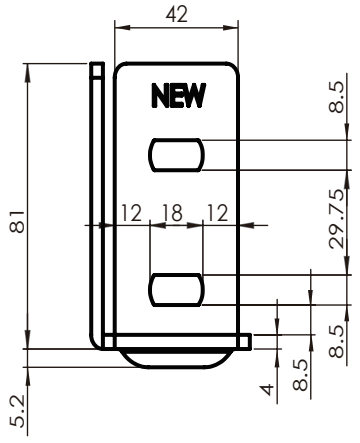
Adapter Number	ID of Round or Square Tube	Tube Size Range	Adapter Kit Parts			
			Rubber Bushing	Top Knurled Nut	Plastic Bushing	Base Washer
9	3/4	0.720-0.851	1644-00	1421-02	1429-02	1709-02
11*	7/8	0.852-0.927	1645-00	1435-02	1432-02	1709-02
13	1	0.928-1.029	1646-00	1435-02	1432-02	1709-02
15	1-1/8	1.030-1.140	1647-00	1436-02	1431-02	1709-02
17B	1-3/16	1.178-1.303	1651-00	1441-02	1430-02	1709-02
19C*	1-3/8	1.360-1.425	1648-00	1438-02	1433-02	1709-02
19A	1-1/2	1.426-1.589	1649-00	1437-02	1434-02	1709-02
21	1-7/8	1.790-1.850	1650-00	1422-02	1440-02	1473-02



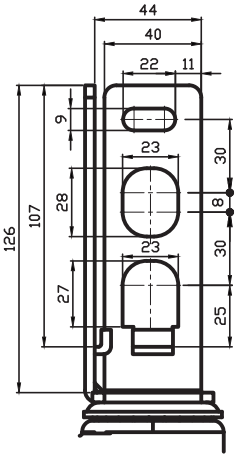
Rubber Expanding Adapters

ANGLE BAR PLATE SPECIFICATION

Two Holes Specification



Three Holes Specification



Diameter×Width	Load	Material	Item No. Fixed	Item No. Swivel	Item No. Brake	Bearing	Overall Height	Swivel radius
75mmx32mm (3"x1-1/4")	90kgs (198lbs)	TPR on PP Core	1130-03-75-1	1130-03-75-2	1130-03-75-4	Ball Bearing	Plate Version OAH: with dust cover 106mm(4-3/16") without dust cover 105mm(4-1/8")	Swivel 73 mm Swivel W/Side Brake 73 mm Swivel W/Brake (Shorter pedal) 111 mm Swivel W/Brake (Long pedal) 121 mm Swivel W/Brake (Extra Big Pedal) 140 mm Posi Lock Brake 105 mm
	90kgs (198lbs)	Resolute	1130-03-68-1	1130-03-68-2	1130-03-68-4			
	80kgs (175lbs)	E-Conductive	1130-03-17-1	1130-03-17-2	1130-03-17-4			
	160kgs (352lbs)	WMRC	1130-03-45-1	1130-03-45-2	1130-03-45-4			
	100kgs (220lbs)	WPP	1130-03-46-1	1130-03-46-2	1130-03-46-4		Stem Version OAH: with dust cover 102mm(4-1/16") without dust cover 101mm(4")	
	90kgs (198lbs)	WPPR	1130-03-47-1	1130-03-47-2	1130-03-47-4			
	110kgs (250lbs)	W Resolute	1130-03-48-1	1130-03-48-2	1130-03-48-4			
	140kgs (310lbs)	WHDR	1130-03-66-1	1130-03-66-2	1130-03-66-4		Two holes angle bar plate OAH: 106mm(4-3/16")	
	160kgs (352lbs)	QPU on AL core	1130-03-87-1	1130-03-87-2	1130-03-87-4			
	100kgs (220lbs)	Nylon	1130-03-07-1	1130-03-07-2	1130-03-07-4	Plain Bearing	Three holes angle bar plate OAH: 125mm(4-59/64")	
	70kgs (155lbs)	Rubber	1130-03-06-1	1130-03-06-2	1130-03-06-4			
	90kgs (198lbs)	PP	1130-03-29-1	1130-03-29-2	1130-03-29-4			

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
88mmx32mm (3.5"x1-1/4")	95kgs (209lbs)	WPPR	1130-35-47-1	1130-35-47-2	1130-35-47-4	Ball Bearing	Plate Version OAH: with dust cover 117mm(4-5/8") without dust cover 116mm(4-9/16")	Swivel 80 mm Swivel W/Side Brake 80 mm Swivel W/Brake (Shorter pedal) 111 mm Swivel W/Brake (Long pedal) 121 mm Swivel W/Brake (Extra Big Pedal) 140 mm Posi Lock Brake 114 mm
	120kgs (264lbs)	W Resolute	1130-35-48-1	1130-35-48-2	1130-35-48-4		Stem Version OAH: with dust cover 113mm(4-7/16") without dust cover 112mm(4-3/8")	
	160kgs (350lbs)	WHDR	1130-35-66-1	1130-35-66-2	1130-35-66-4		Two holes angle bar plate OAH: 117mm(4-39/64")	
100mmx32mm (4"x1-1/4")	120kgs (265lbs)	PU on PP Core	1130-04-31-1	1130-04-31-2	1130-04-31-4	Ball Bearing Plain Bearing	Plate Version OAH: with dust cover 130mm(5-1/8") without dust cover 129mm(5-1/16")	Swivel 85 mm Swivel W/Side Brake 85 mm Swivel W/Brake (Shorter pedal) 111 mm Swivel W/Brake (Long pedal) 121 mm Swivel W/Brake (Extra Big Pedal) 140 mm Posi Lock Brake 115 mm
	100kgs (220lbs)	TPR on PP Core	1130-04-75-1	1130-04-75-2	1130-04-75-4			
	80kgs (175lbs)	TPR on PP Core (Donut)	1130-04-110-1	1130-04-110-2	1130-04-110-4			
	90kgs (198lbs)	Resolute (Donut)	1130-04-111-1	1130-04-111-2	1130-04-111-4			
	125kgs (275lbs)	Resolute	1130-04-68-1	1130-04-68-2	1130-04-68-4	Ball Bearing	Stem Version OAH: with dust cover 126mm(5") with out dust cover 125mm(4-15/16")	
	80kgs (176lbs)	E-Conductive	1130-04-17-1	1130-04-17-2	1130-04-17-4			
	180kgs (396lbs)	WMRC	1130-04-45-1	1130-04-45-2	1130-04-45-4			
	130kgs (285lbs)	WPP	1130-04-46-1	1130-04-46-2	1130-04-46-4			
	100kgs (220lbs)	WPPR	1130-04-47-1	1130-04-47-2	1130-04-47-4			
	135kgs (300lbs)	W Resolute	1130-04-48-1	1130-04-48-2	1130-04-48-4			
	180kgs (400lbs)	WHDR	1130-04-66-1	1130-04-66-2	1130-04-66-4			
	135kgs (300lbs)	Rubber on Aluminum Core	1130-04-22-1	1130-04-22-2	1130-04-22-4		Two holes angle bar plate OAH: 129mm(5-1/16")	
	230kgs (506lbs)	QPU on AL Core	1130-04-87-1	1130-04-87-2	1130-04-87-4			
	70kgs (154lbs)	NPPR	1130-04-67-1	1130-04-67-2	1130-04-67-4	Plain Bearing	Three holes angle bar plate OAH: 148mm(5-53/64")	
	120kgs (265lbs)	Nylon	1130-04-07-1	1130-04-07-2	1130-04-07-4			
	80kgs (176lbs)	Rubber	1130-04-06-1	1130-04-06-2	1130-04-06-4			
	90kgs (198lbs)	PP	1130-04-29-1	1130-04-29-2	1130-04-29-4			
	135kgs (300lbs)	Hi-temp	1130-04-25-1	1130-04-25-2	1130-04-25-4			

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100mmx36mm (4"x1-1/2")	120kgs (265 lbs)	Rubber on Steel Core	1130-04-03-1	1130-04-03-2	1130-04-03-4	Ball Bearing	Plate Version OAH: with dust cover 130mm(5-1/8") without dust cover 129mm(5-1/16") Stem Version OAH: with dust cover 126mm(5") without dust cover 125mm(4-15/16") Two holes angle bar plate OAH: 129mm(5-1/16") Three holes angle bar plate OAH: 148mm(5-53/64")	Swivel 85 mm Swivel W/Side Brake 85 mm Swivel W/Brake (Shorter pedal) 111 mm Swivel W/Brake (Long pedal) 121 mm Swivel W/Brake (Extra Big Pedal) 140 mm Posi Lock Brake 115 mm
	160kgs (352 lbs)	CPD	1130-04-71-1	1130-04-71-2	1130-04-71-4			
	160kgs (352 lbs)	Blue Resilient Rubber Wheel	1130-04-50-1	1130-04-50-2	1130-04-50-4			
	140kgs (308 lbs)	TPR on PP Core	1130-04-77-1	1130-04-77-2	1130-04-77-4			
	160kgs (352 lbs)	Resolute	1130-04-76-1	1130-04-76-2	1130-04-76-4			
	250kgs (550 lbs)	QPU on AL core	1130-04-87-1	1130-04-87-2	1130-04-87-4			
125mmx32mm (5"x1-1/4")	130kgs (285lbs)	PU on PP Core	1130-05-31-1	1130-05-31-2	1130-05-31-4	Ball Bearing Plain Bearing	Plate Version OAH: with dust cover 158mm(6-1/4") without dust cover 157mm(6-3/16") Stem Version OAH: with dust cover 154mm(6-1/16") without dust cover 153mm(6") Two holes angle bar plate OAH: 157mm(6-3/16") Three holes angle bar plate OAH: 176mm(6-59/64")	Swivel 97 mm Swivel W/Side Brake 97 mm Swivel W/Brake (Shorter pedal) 111 mm Swivel W/Brake (Long pedal) 121 mm Swivel W/Brake (Extra Big Pedal) 140 mm Posi Lock Brake 112 mm
	110kgs (240lbs)	TPR on PP Core	1130-05-75-1	1130-05-75-2	1130-05-75-4			
	100kgs (220lbs)	TPR on PP Core (Donut)	1130-05-110-1	1130-05-110-2	1130-05-110-4			
	120kgs (265lbs)	Resolute (Donut)	1130-05-111-1	1130-05-111-2	1130-05-111-4			
	147kgs (325lbs)	Resolute	1130-05-68-1	1130-05-68-2	1130-05-68-4	Ball Bearing		
	90kgs (198lbs)	E-Conductive	1130-05-17-1	1130-05-17-2	1130-05-17-4			
	200kgs (440lbs)	WMRC	1130-05-45-1	1130-05-45-2	1130-05-45-4			
	150kgs (330lbs)	WPP	1130-05-46-1	1130-05-46-2	1130-05-46-4			
	110kgs (240lbs)	WPPR	1130-05-47-1	1130-05-47-2	1130-05-47-4			
	147kgs (325lbs)	W Resolute	1130-05-48-1	1130-05-48-2	1130-05-48-4			
	200kgs (440lbs)	WHDR	1130-05-66-1	1130-05-66-2	1130-05-66-4			
	250kgs (550lbs)	QPU on AL core	1130-05-87-1	1130-05-87-2	1130-05-87-4			
	140kgs (305lbs)	Nylon	1130-05-07-1	1130-05-07-2	1130-05-07-4	Plain Bearing		
	90kgs (198lbs)	Rubber	1130-05-06-1	1130-05-06-2	1130-05-06-4			
	100kgs (220lbs)	PP	1130-05-29-1	1130-05-29-2	1130-05-29-4			

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
125mmx36mm (5"x1-1/2")	140kgs (308 lbs)	Rubber on Steel Core	1130-05-03-1	1130-05-03-2	1130-05-03-4	Ball Bearing	Plate Version OAH: with dust cover 158mm(6-1/4") without dust cover 157mm(6-3/16") Stem Version OAH: with dust cover 154mm(6-1/16") without dust cover 153mm(6") Two holes angle bar plate OAH: 157mm(6-3/16") Three holes angle bar plate OAH: 176mm(6-59/64")	Swivel 97 mm Swivel W/Side Brake 97 mm Swivel W/Brake (Shorter pedal) 111 mm Swivel W/Brake (Long pedal) 121 mm Swivel W/Brake (Extra Big Pedal) 140 mm Posi Lock Brake 112 mm
	200kgs (440 lbs)	CPD	1130-05-71-1	1130-05-71-2	1130-05-71-4			
	250kgs (550 lbs)	Blue Resilient Rubber Wheel	1130-05-50-1	1130-05-50-2	1130-05-50-4			
	160kgs (352lbs)	TPR on PP Core	1130-05-77-1	1130-05-77-2	1130-05-77-4			
	180kgs (400lbs)	Resolute	1130-05-76-1	1130-05-76-2	1130-05-76-4			

1130-TC Series

30 Series 2" Wide Caster (American Style Tool Cart Caster)

Load 90-130 kg

- Appealing exterior design with great load capacity to compliment tool carts both functionally and aesthetically.



Features



Extra Clerance Between Top Plate and Body



Side Lock Brake



Total Lock Brake with Extra Big Pedal



Total Lock Brake with Long Pedal

Wheel Options



PP



TPR on PP Core



Designed PP Wheel



PP



HDR



TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	69 x 96 mm (2-23/32"x 3-25/32")	45 x 75 mm (Plate) (1-3/4" x 3")	6.35 mm (1/4")
2	93 x 110 mm (3-5/8" x 4-3/8")	70 x 85 mm (Big Plate) (2-5/8"~3" x 3"~3-5/8")	9.5 mm (3/8")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
125mm x 49mm (5" x 1-15/16")	100kgs (220 lbs)	PP	1130-TC-05-29-1	1130-TC-05-29-2	1130-TC-05-29-4	Plain Bearing	Plate OAH: 158mm (6-1/4") Plate with extra clerance OAH: 176.5mm (6-15/16") Plate with extra clearance (w/o washer) OAH: 170.5mm (6-15/16") Big Plate OAH: 159mm (6-1/4")	Swivel 93.5mm Swivel W/Side Brake 93.5mm Swivel W/Total lock brake (Extra Big Pedal) 140.5mm Swivel W/Total lock brake (Long pedal) 119mm
	100kgs (220 lbs)	Designed PP Wheel	1130-TC-05-65-1	1130-TC-05-65-2	1130-TC-05-65-4	Plain Bearing		
	100kgs (220 lbs)	PP	1130-TC-05-73-1	1130-TC-05-73-2	1130-TC-05-73-4	Plain Bearing		
125mm x 50mm (5" x 2")	90kgs (198 lbs)	TPR on PP Core	1130-TC-05-26-1	1130-TC-05-26-2	1130-TC-05-26-4	Ball Bearing Flanged Ball Bearing		
	130kgs (286 lbs)	HDR	1130-TC-05-74-1	1130-TC-05-74-2	1130-TC-05-74-4			

1133 Series Shopping Cart Caster (American Style)

- Special yoke design with easy swivel; Good performance side brake.

Load 70-200kg



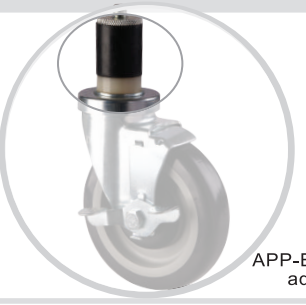




Features



Side Lock Brake



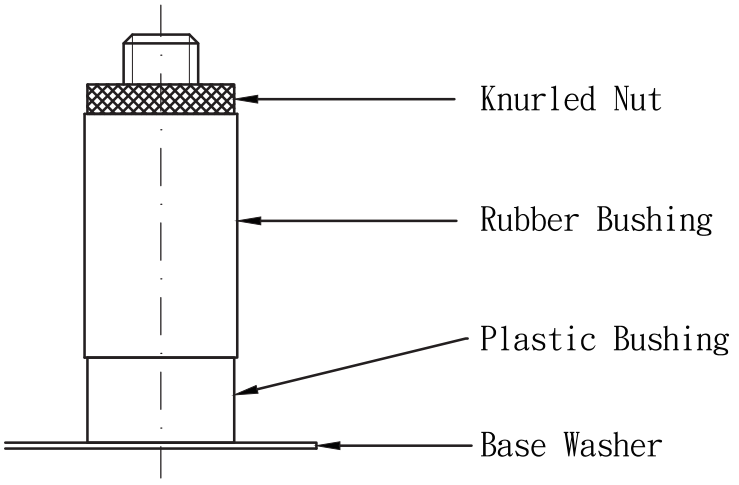
APP-Expanding adapters



Swivel Dust Cover

RUBBER EXPANDING ADAPTERS SPECIFICATION

Adapter Number	ID of Round or Square Tube	Tube Size Range	Adapter Kit Parts			
			Rubber Bushing	Top Knurled Nut	Plastic Bushing	Base Washer
9	3/4	0.720-0.851	1644-00	1421-02	1429-02	1709-02
11*	7/8	0.852-0.927	1645-00	1435-02	1432-02	1709-02
13	1	0.928-1.029	1646-00	1435-02	1432-02	1709-02
15	1-1/8	1.030-1.140	1647-00	1436-02	1431-02	1709-02
17B	1-3/16	1.178-1.303	1651-00	1441-02	1430-02	1709-02
19C*	1-3/8	1.360-1.425	1648-00	1438-02	1433-02	1709-02
19A	1-1/2	1.426-1.589	1649-00	1437-02	1434-02	1709-02
21	1-7/8	1.790-1.850	1650-00	1422-02	1440-02	1473-02



Rubber Expanding Adapters

Wheel Options





TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	69 x 96 mm (2-23/32"x 3-25/32")	45 x 75 mm 1-3/4"x 3"	6.35 mm (1/4")
2	80 x 105 mm (3-1/8"x 4-1/8")	60 x 85 mm 2-3/8"x 3-7/16"(American Plate)	8 mm (5/16")

CYLINDRICAL STEM SPECIFICATION

Suffix	Diameter x Length	Hole Height	Bore Size
4" 5"	21.6X56mm	—	Grip Ring
4" 5"	18x21.6x51L SQ	31.7	10.5mm
4" 5"	21.6x21.6x51L SQ	26	8.5mm

THREADED STEM SPECIFICATION

Suffix	Threaded Size	Suffix	Threaded Size	Suffix	Threaded Size
1	1/2 x 13UNC x 25 mm	2	1/2 x 13UNC x 45 mm	3	1/2 x 13UNC x 70 mm

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
75mmx32mm (3"x1-1/4")	160kgs (352 lbs)	WMRC	1133-03-45-1	1133-03-45-2	1133-03-45-4	Ball Bearing	Total height (Threaded stem) 103cm Total height (Cylindrical stem) 102.5cm Total height (Top plate stem) 107cm	Swivel 71mm Swivel W/Side Brake 73mm Posi lock Brake 102mm
	100 kgs (220 lbs)	WPP	1133-03-46-1	1133-03-46-2	1133-03-46-4			
	90 kgs (198 lbs)	WPPR	1133-03-47-1	1133-03-47-2	1133-03-47-4			
	110 kgs (250 lbs)	W Resolute	1133-03-48-1	1133-03-48-2	1133-03-48-4			
	140 kgs (310 lbs)	WHDR	1133-03-66-1	1133-03-66-2	1133-03-66-4			
	100 kgs (220 lbs)	PU on PP Core	1133-03-31-1	1133-03-31-2	1133-03-31-4	Ball Bearing Plain Bearing		
	90 kgs (198 lbs)	TPR on PP Core	1133-03-75-1	1133-03-75-2	1133-03-75-4			
	80 kgs (175 lbs)	E-Conductive	1133-03-17-1	1133-03-17-2	1133-03-17-4			
	100 kgs (220 lbs)	Nylon	1133-03-07-1	1133-03-07-2	1133-03-07-4	Plain Bearing		
	70 kgs (155 lbs)	Rubber	1133-03-06-1	1133-03-06-2	1133-03-06-4			
	90 kgs (198 lbs)	PP	1133-03-29-1	1133-03-29-2	1133-03-29-4			
100mmx32mm (4"x1-1/4")	180 kgs (396 lbs)	WMRC	1133-04-45-1	1133-04-45-2	1133-04-45-4	Ball Bearing	Total height (Threaded stem) 126cm Total height (Cylindrical stem) 125.5cm Total height (Top plate stem) 130cm	Swivel 82mm Swivel W/Side Brake 83mm Posi lock Brake 108mm
	130 kgs (285 lbs)	WPP	1133-04-46-1	1133-04-46-2	1133-04-46-4			
	100 kgs (220 lbs)	WPPR	1133-04-47-1	1133-04-47-2	1133-04-47-4			
	135 kgs (300 lbs)	W Resolute	1133-04-48-1	1133-04-48-2	1133-04-48-4			
	180 kgs (400 lbs)	WHDR	1133-04-66-1	1133-04-66-2	1133-04-66-4			
	120 kgs (265 lbs)	PU on PP Core	1133-04-31-1	1133-04-31-2	1133-04-31-4	Ball Bearing Plain Bearing		
	100 kgs (220 lbs)	TPR on PP Core	1133-04-75-1	1133-04-75-2	1133-04-75-4			
	80 kgs (176 lbs)	E-Conductive	1133-04-17-1	1133-04-17-2	1133-04-17-4			
	120 kgs (265 lbs)	Nylon	1133-04-07-1	1133-04-07-2	1133-04-07-4	Plain Bearing		
	135 kgs (300 lbs)	Hi-temp	1133-04-25-1	1133-04-25-2	1133-04-25-4			
	80 kgs (175 lbs)	Rubber	1133-04-06-1	1133-04-06-2	1133-04-06-4			
	90 kgs (198 lbs)	PP	1133-04-29-1	1133-04-29-2	1133-04-29-4			
100mmx34mm (4"x1-1/2")	140 kgs (310lbs)	Blue Resilient Resolute Rubber	1133-04-76-1	1133-04-76-2	1133-04-76-4	Ball Bearing	129mm (5-1/8")	
125mmx32mm (5"x1-1/4")	113 kgs (250 lbs)	FRICTION WHEEL	1133-05-72-1	1133-05-72-2	1133-05-72-4	Ball Bearing	Total height (Threaded stem) 150cm Total height (Cylindrical stem) 149.5cm Total height (Top plate stem) 154cm	Swivel 96mm Swivel W/Side Brake 96mm Posi lock Brake 114mm
	200 kgs (440 lbs)	WMRC	1133-05-45-1	1133-05-45-2	1133-05-45-4			
	150 kgs (330 lbs)	WPP	1133-05-46-1	1133-05-46-2	1133-05-46-4			
	110 kgs (240 lbs)	WPPR	1133-05-47-1	1133-05-47-2	1133-05-47-4			
	147 kgs (325 lbs)	W Resolute	1133-05-48-1	1133-05-48-2	1133-05-48-4			
	200 kgs (440 lbs)	WHDR	1133-05-66-1	1133-05-66-2	1133-05-66-4			
	113 kgs (250 lbs)	PU on PP Core	1133-05-39-1	1133-05-39-2	1133-05-39-4			
	113 kgs (250lbs)	Super Wheel (Rubber)	11330500511	11330500512	11330500514			
	113 kgs (250lbs)	Super Friction Wheel(Rubber)	11330500511	11330500512	11330500514			
	130 kgs (285 lbs)	PU on PP Core	1133-05-31-1	1133-05-31-2	1133-05-31-4	Ball Bearing Plain Bearing		
	110 kgs (240 lbs)	TPR on PP Core	1133-05-75-1	1133-05-75-2	1133-05-75-4			
	113 kgs (250 lbs)	E-Conductive	1133-05-17-1	1133-05-17-2	1133-05-17-4			
	140 kgs (305 lbs)	Nylon	1133-05-07-1	1133-05-07-2	1133-05-07-4	Plain Bearing		
	90 kgs (198 lbs)	Rubber	1133-05-06-1	1133-05-06-2	1133-05-06-4			
	100 kgs (220 lbs)	PP	1133-05-29-1	1133-05-29-2	1133-05-29-4			
125mmx36mm (5"x1-1/2")	160 kgs (352lbs)	Blue Resilient Resolute Rubber	1133-05-76-1	1133-05-76-2	1133-05-76-4	Ball Bearing	155mm (6-1/8")	

1139 Series Medium Duty General Purposes Caster (American Style)

Pressed steel caster horn/ housing design to swivel easily under load.
Good performance side brake and total lock brake for options.

Load
70 -250 kg



Features



Total Lock Brake
with steel Pedals



Side Lock Brake



Swivel Dust Cover



Wheel Options



TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	62 x 92 mm (2-3/8" x 3-5/8")	45x75 mm 1 -3/4"x3"	6.35 mm (1/4")

CYLINDRICAL STEM SPECIFICATION

Suffix	Diameter x Length	Hole Height	Bore Size
1	21.4X63mm(square)	43mm	5/16"-18UNC
2	21.6X56mm	—	Grip Ring
3	22.1X56mm	—	Grip Ring

THREADED STEM SPECIFICATION

Suffix	Threaded Size	Suffix	Threaded Size	Suffix	Threaded Size
1	3/8-16UNCx25 **	2	M12x25 *	3	M12x25 **
4	1/2-13UNCx25 **	5	M16x25 *		

* Hexagon Head ** Round Head

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
75mm x 24mm (3" x 1 ")	40 kgs (88 lbs)	TPR on PP Core	1139-R-03-75-1	1139-R-03-75-2	1139-R-03-75-4	Ball Bearing	Plate Version OAH: 105mm (4-1/8") Round Head Threaded Stem OAH: 101mm (3-31/32") Hexagon Head Threaded Stem OAH: 105mm (4-1/8") Cylindrical Stem OAH: 101mm (3-31/32")	Swivel 76mm Swivel W/Side Brake 82mm Swivel W/Total lock 114mm
	50 kgs (110 lbs)	Resolute	1139-R-03-68-1	1139-R-03-68-2	1139-R-03-68-4			
75mmx32mm (3"x1-1/4")	90kgs (198lbs)	TPR on PP Core	1139-03-75-1	1139-03-75-2	1139-03-75-4	Ball Bearing		
	90kgs (198lbs)	Resolute	1139-03-68-1	1139-03-68-2	1139-03-68-4			
	80kgs (175lbs)	E-Conductive	1139-03-17-1	1139-03-17-2	1139-03-17-4			
	160kgs (352lbs)	WMRC	1139-03-45-1	1139-03-45-2	1139-03-45-4			
	100kgs (220lbs)	WPP	1139-03-46-1	1139-03-46-2	1139-03-46-4			
	90kgs (198lbs)	WPPR	1139-03-47-1	1139-03-47-2	1139-03-47-4			
	110kgs (250lbs)	W Resolute	1139-03-48-1	1139-03-48-2	1139-03-48-4			
	140kgs (310lbs)	WHDR	1139-03-66-1	1139-03-66-2	1139-03-66-4			
	160kgs (352lbs)	QPU on AL Core	1139-03-87-1	1139-03-87-2	1139-03-87-4			
	100kgs (220lbs)	Nylon	1139-03-07-1	1139-03-07-2	1139-03-07-4	Plain Bearing		
	70kgs (155lbs)	Rubber	1139-03-06-1	1139-03-06-2	1139-03-06-4			
	90kgs (198lbs)	PP	1139-03-29-1	1139-03-29-2	1139-03-29-4			

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100mm x 24mm (4" x 1")	50kgs (110lbs)	TPR on PP Core	1139-R-04-75-1	1139-R-04-75-2	1139-R-04-75-4	Ball Bearing	Plate Version OAH: 130mm (5-1/8") Round Head Threaded Stem OAH: 126mm (4-61/64") Hexagon Head Threaded Stem OAH: 130mm (5-1/8") Cylindrical Stem OAH: 126mm (4-61/64")	Swivel 88mm Swivel W/Side Brake 88mm Swivel W/Total lock 114mm
	55kgs (121lbs)	Resolute	1139-R-04-68-1	1139-R-04-68-2	1139-R-04-68-4			
100mmx32mm (4"x1-1/4")	120kgs (265lbs)	PU on PP Core	1139-04-31-1	1139-04-31-2	1139-04-31-4	Ball Bearing Plain Bearing		
	100kgs (220lbs)	TPR on PP Core	1139-04-75-1	1139-04-75-2	1139-04-75-4			
	80kgs (175lbs)	TPR on PP Core (Donut)	1139-04-110-1	1139-04-110-2	1139-04-110-4			
	90kgs (198lbs)	Resolute (Donut)	1139-04-111-1	1139-04-111-2	1139-04-111-4			
	125kgs (275lbs)	Resolute	1139-04-68-1	1139-04-68-2	1139-04-68-4	Ball Bearing		
	80kgs (176lbs)	E-Conductive	1139-04-17-1	1139-04-17-2	1139-04-17-4			
	180kgs (396 lbs)	WMRC	1139-04-45-1	1139-04-45-2	1139-04-45-4			
	130kgs (285lbs)	WPP	1139-04-46-1	1139-04-46-2	1139-04-46-4			
	100kgs (220lbs)	WPPR	1139-04-47-1	1139-04-47-2	1139-04-47-4			
	135kgs (300lbs)	W Resolute	1139-04-48-1	1139-04-48-2	1139-04-48-4			
	180kgs (400lbs)	WHDR	1139-04-66-1	1139-04-66-2	1139-04-66-4			
	135kgs (300lbs)	Rubber on Aluminum Core	1139-04-22-1	1139-04-22-2	1139-04-22-4			
	200kgs (440lbs)	QPU on AL Core	1139-04-87-1	1139-04-87-2	1139-04-87-4			
100mmx32mm (4"x1-1/4")	70kgs (154lbs)	NPPR	1139-04-67-1	1139-04-67-2	1139-04-67-4	Plain Bearing	Plate Version OAH: 130mm (5-1/8") Round Head Threaded Stem OAH: 126mm (4-61/64") Hexagon Head Threaded Stem OAH: 130mm (5-1/8") Cylindrical Stem OAH: 126mm (4-61/64")	Swivel 88mm Swivel W/Side Brake 88mm Swivel W/Total lock 114mm
	120kgs (265lbs)	Nylon	1139-04-07-1	1139-04-07-2	1139-04-07-4			
	80kgs (176lbs)	Rubber	1139-04-06-1	1139-04-06-2	1139-04-06-4			
	90kgs (198lbs)	PP	1139-04-29-1	1139-04-29-2	1139-04-29-4			
	135kgs (300lbs)	Hi-temp	1139-04-25-1	1139-04-25-2	1139-04-25-4			
100mmx36mm (4"x1-1/2")	160kgs (352 lbs)	CPD	1139-04-71-1	1139-04-71-2	1139-04-71-4	Ball Bearing		
	160kgs (352 lbs)	Blue Resilient Rubber Wheel	1139-04-50-1	1139-04-50-2	1139-04-50-4			
	140kgs (308 lbs)	TPR on PP Core	1139-04-77-1	1139-04-77-2	1139-04-77-4			
	160kgs (352 lbs)	Resolute	1139-04-76-1	1139-04-76-2	1139-04-76-4			
	250kgs (550lbs)	QPU on AL Core	1139-04-87-1	1139-04-87-2	1139-04-87-4			

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
125mm x 24.5mm (5" x 1")	70kgs (155lbs)	TPR on PP Core	1139-R-05-75-1	1139-R-05-75-2	1139-R-05-75-4	Ball Bearing	Plate Version OAH: 158mm (6-1/5") Round Head Threaded Stem OAH: 154mm (6-1/16") Hexagon Head Threaded Stem OAH: 158mm (6-1/5") Cylindrical Stem OAH: 154mm (6-1/16")	Swivel 101mm Swivel W/Side Brake 101mm Swivel W/Total lock 114mm
	80kgs (175lbs)	Resolute	1139-R-05-68-1	1139-R-05-68-2	1139-R-05-68-4			
125mmx32mm (5"x1-1/4")	130kgs (285lbs)	PU on PP Core	1139-05-31-1	1139-05-31-2	1139-05-31-4	Ball Bearing		
	110kgs (240lbs)	TPR on PP Core	1139-05-75-1	1139-05-75-2	1139-05-75-4			
	100kgs (220lbs)	TPR on PP Core (Donut)	1139-05-110-1	1139-05-110-2	1139-05-110-4	Plain Bearing		
	120kgs (265lbs)	Resolute (Donut)	1139-05-111-1	1139-05-111-2	1139-05-111-4			
	147kgs (325lbs)	Resolute	1139-05-68-1	1139-05-68-2	1139-05-68-4	Ball Bearing		
	90kgs (198lbs)	E-Conductive	1139-05-17-1	1139-05-17-2	1139-05-17-4			
	200kgs (440lbs)	WMRC	1139-05-45-1	1139-05-45-2	1139-05-45-4			
	150kgs (330lbs)	WPP	1139-05-46-1	1139-05-46-2	1139-05-46-4			
	110kgs (240lbs)	WPPR	1139-05-47-1	1139-05-47-2	1139-05-47-4			
	147kgs (325lbs)	W Resolute	1139-05-48-1	1139-05-48-2	1139-05-48-4			
	200kgs (440lbs)	WHDR	1139-05-66-1	1139-05-66-2	1139-05-66-4			
	230kgs (506lbs)	QPU on AL Core	1139-05-87-1	1139-05-87-2	1139-05-87-4	Plain Bearing		
	140kgs (305lbs)	Nylon	1139-05-07-1	1139-05-07-2	1139-05-07-4			
	90kgs (198lbs)	Rubber	1139-05-06-1	1139-05-06-2	1139-05-06-4			
	100kgs (220lbs)	PP	1139-05-29-1	1139-05-29-2	1139-05-29-4			
125mmx36mm (5"x1-1/2")	200kgs (440 lbs)	CPD	1139-05-71-1	1139-05-71-2	1139-05-71-4	Ball Bearing		
	250kgs (550 lbs)	Blue Resilient Rubber Wheel	1139-05-50-1	1139-05-50-2	1139-05-50-4			
	160kgs (352lbs)	TPR on PP Core	1139-05-77-1	1139-05-77-2	1139-05-77-4			
	180kgs (400lbs)	Resolute	1139-05-76-1	1139-05-76-2	1139-05-76-4			

1150 Series

Medium Duty General Purposes Caster (European Style)

- Pressed steel caster horn/ housing design for European market. Swivel easily with high performance total lock brake, suitable for medium and light duty logistic equipment.

Load
80-250 kg







Features



Total Lock Brack



Swivel Dust Cover



Ball Bearing



Roller Bearing

Wheel Options



TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	80 x 105 mm (3-1/2" x 4-1/8")	60x80 mm 2-3/8"x3-1/8"(European Plate)	8 mm (5/16")

SINGLE BOLT HOLE

Suffix	Centre Hole	Suffix	Centre Hole
1	10.5mm	2	12.5mm

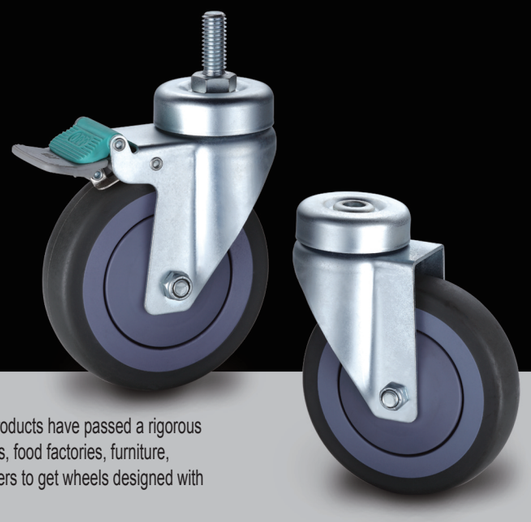
Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100mmx32mm (4"x1-1/4")	120kgs (265lbs)	PU on PP Core	1150-04-31-1	1150-04-31-2	1150-04-31-4	Ball Bearing	128mm (5-1/16")	Swivel 90mm Swivel W/Brake 115mm
	100kgs (220lbs)	TPR on PP Core	1150-04-75-1	1150-04-75-2	1150-04-75-4			
	125kgs (275lbs)	Resolute	1150-04-68-1	1150-04-68-2	1150-04-68-4			
	80kgs (176lbs)	E-Conductive	1150-04-17-1	1150-04-17-2	1150-04-17-4			
	180kgs (400lbs)	WHDR	1150-04-66-1	1150-04-66-2	1150-04-66-4			
	135kgs (300lbs)	W Resolute	1150-04-48-1	1150-04-48-2	1150-04-48-4			
	100kgs (220lbs)	WPPR	1150-04-47-1	1150-04-47-2	1150-04-47-4			
	130kgs (285lbs)	WPP輪 WPP	1150-04-46-1	1150-04-46-2	1150-04-46-4			
	180kgs (396lbs)	WMRC	1150-04-45-1	1150-04-45-2	1150-04-45-4			
	230kgs (506lbs)	QPU on AL Core	1150-04-87-1	1150-04-87-2	1150-04-87-4			
	135kgs (300lbs)	Hi-temp	1150-04-25-1	1150-04-25-2	1150-04-25-4			
100mmx36mm (4"x1-1/2")	160kgs (352lbs)	CPD	1150-04-71-1	1150-04-71-2	1150-04-71-4	Ball Bearing	128mm (5-1/16")	Swivel 90mm Swivel W/Brake 115mm
	160kgs (352lbs)	Blue Resilient Rubber Wheel	1150-04-50-1	1150-04-50-2	1150-04-50-4			
	140kgs (308lbs)	TPR on PP Core	1150-04-77-1	1150-04-77-2	1150-04-77-4			
	160kgs (352lbs)	Resolute	1150-04-76-1	1150-04-76-2	1150-04-76-4			
	250kgs (550lbs)	QPU on AL Core	1150-04-87-1	1150-04-87-2	1150-04-87-4			
	200kgs (440lbs)	Sandwich Wheel	1150-04-40-1	1150-04-40-2	1150-04-40-4	Ball Bearing		
						Roller Bearing		
100mm x 40 mm (4" x 1-3/5")	250kgs (550lbs)	QPU on AL Core	1150-04-87-1	1150-04-87-2	1150-04-87-4	Ball Bearing	128mm (5-1/16")	Swivel 90mm Swivel W/Brake 115mm
125mmx32mm (5"x1-1/4")	130kgs (285lbs)	PU on PP Core	1150-05-31-1	1150-05-31-2	1150-05-31-4	Ball Bearing	155mm (6-1/8")	Swivel 102.5mm Swivel W/Brake 115mm
	110kgs (240lbs)	TPR on PP Core	1150-05-75-1	1150-05-75-2	1150-05-75-4			
	147kgs (325lbs)	Resolute	1150-05-68-1	1150-05-68-2	1150-05-68-4			
	90kgs (198lbs)	E-Conductive	1150-05-17-1	1150-05-17-2	1150-05-17-4			
	200kgs (440lbs)	WHDR	1150-05-66-1	1150-05-66-2	1150-05-66-4			
	147kgs (325lbs)	W Resolute	1150-05-48-1	1150-05-48-2	1150-05-48-4			
	110kgs (240lbs)	WPPR	1150-05-47-1	1150-05-47-2	1150-05-47-4			
	150kgs (330lbs)	WPP	1150-05-46-1	1150-05-46-2	1150-05-46-4			
	200kgs (440lbs)	WMRC	1150-05-45-1	1150-05-45-2	1150-05-45-4			
	250kgs (550lbs)	QPU on AL Core	1150-05-87-1	1150-05-87-2	1150-05-87-4			
125mmx36mm (5"x1-1/2")	200kgs (440lbs)	CPD	1150-05-71-1	1150-05-71-2	1150-05-71-4	Ball Bearing	155mm (6-1/8")	Swivel 102.5mm Swivel W/Brake 115mm
	250kgs (550lbs)	Blue Resilient Rubber Wheel	1150-05-50-1	1150-05-50-2	1150-05-50-4			
	160kgs (352lbs)	TPR on PP Core	1150-05-77-1	1150-05-77-2	1150-05-77-4			
	180kgs (400lbs)	Resolute	1150-05-76-1	1150-05-76-2	1150-05-76-4			
	250kgs (550lbs)	Sandwich Wheel	1150-05-40-1	1150-05-40-2	1150-05-40-4	Ball Bearing		
						Roller Bearing		
125mm x 40 mm (5" x 1-3/5")	250kgs (550lbs)	QPU on AL Core	1150-05-87-1	1150-05-87-2	1150-05-87-4	Ball Bearing	155mm (6-1/8")	Swivel 102.5mm Swivel W/Brake 115mm



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We provide high quality, economical, and highly humanized products. All products have passed a rigorous testing system, suitable for use on trolleys and use in medical environments, food factories, furniture, logistics, machinery, stores and other industries. Making it easy for customers to get wheels designed with high performance and outstanding quality.

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Institutional Caster with Precision Ball Bearing Swivel Head

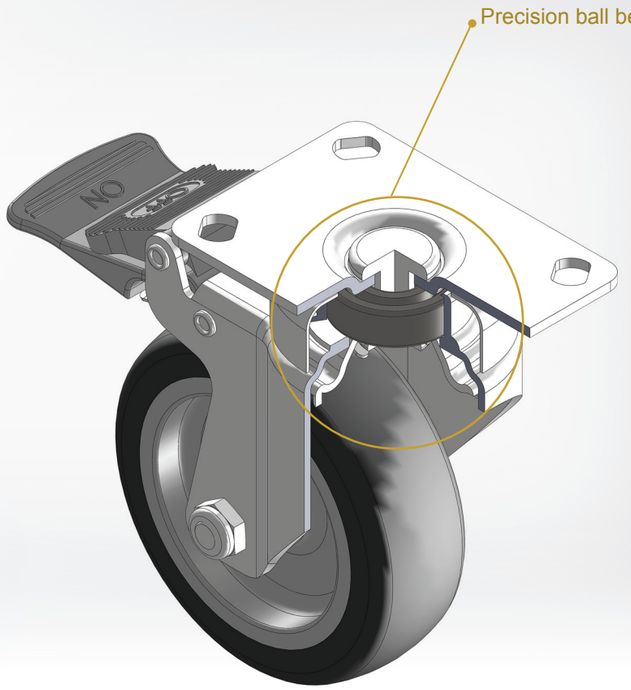


Institutional Caster with Precision Ball Bearing Swivel Head

- Precision ball bearing in swivel head, providing smooth swivel play
- Nice appearance with dust cover and housing cover design
- Housing cover made of synthetic material
- Can choose from PPR or Resolute wheel, which offer silent drive function
- Specifically designed for environments where silence is essential







Top Plate

Specification	Wheel Diameter	Wheel Width	Overall Height	Offset	Top Plate Size	Bolt Hole Spacing	Load
Swivel Caster	4"(100mm)	1-1/4"(32mm)	140.5mm	43.4mm	96x69mm	75x45mm	100kgs / 220lbs
	5"(125mm)	1-1/4"(32mm)	164.5mm	38.6mm	96x69mm	75x45mm	110kgs / 242lbs
	6"(150mm)	1-1/4"(32mm)	192.0mm	39.0mm	96x69mm	75x45mm	120kgs / 264lbs
Swivel caster with total lock	4"(100mm)	1-1/4"(32mm)	140.5mm	43.4mm	96x69mm	75x45mm	100kgs / 220lbs
	5"(125mm)	1-1/4"(32mm)	164.5mm	38.6mm	96x69mm	75x45mm	110kgs / 242lbs
	6"(150mm)	1-1/4"(32mm)	192.0mm	39.0mm	96x69mm	75x45mm	120kgs / 264lbs
Swivel caster with 90° directional lock	4"(100mm)	1-1/4"(32mm)	140.5mm	43.4mm	96x69mm	75x45mm	100kgs / 220lbs
	5"(125mm)	1-1/4"(32mm)	164.5mm	38.6mm	96x69mm	75x45mm	110kgs / 242lbs
	6"(150mm)	1-1/4"(32mm)	192.0mm	39.0mm	96x69mm	75x45mm	120kgs / 264lbs
Swivel caster with 180° directional lock	4"(100mm)	1-1/4"(32mm)	140.5mm	43.4mm	96x69mm	75x45mm	100kgs / 220lbs
	5"(125mm)	1-1/4"(32mm)	164.5mm	38.6mm	96x69mm	75x45mm	110kgs / 242lbs
	6"(150mm)	1-1/4"(32mm)	192.0mm	39.0mm	96x69mm	75x45mm	120kgs / 264lbs
Swivel caster with 360° directional lock	4"(100mm)	1-1/4"(32mm)	140.5mm	43.4mm	96x69mm	75x45mm	100kgs / 220lbs
	5"(125mm)	1-1/4"(32mm)	164.5mm	38.6mm	96x69mm	75x45mm	110kgs / 242lbs
	6"(150mm)	1-1/4"(32mm)	192.0mm	39.0mm	96x69mm	75x45mm	120kgs / 264lbs

Threaded Stem

Specification	Wheel Diameter	Wheel Width	Overall Height	Offset	Threaded Stem	Load
Swivel Caster	4"(100mm)	1-1/4"(32mm)	140.5mm	43.4mm	1/2"x29mm	100kgs / 220lbs
	5"(125mm)	1-1/4"(32mm)	164.5mm	38.6mm	1/2"x29mm	110kgs / 242lbs
	6"(150mm)	1-1/4"(32mm)	192.0mm	39.0mm	1/2"x29mm	120kgs / 264lbs
Swivel caster with total lock	4"(100mm)	1-1/4"(32mm)	140.5mm	43.4mm	1/2"x29mm	100kgs / 220lbs
	5"(125mm)	1-1/4"(32mm)	164.5mm	38.6mm	1/2"x29mm	110kgs / 242lbs
	6"(150mm)	1-1/4"(32mm)	192.0mm	39.0mm	1/2"x29mm	120kgs / 264lbs
Swivel caster with 180° directional lock	4"(100mm)	1-1/4"(32mm)	140.5mm	43.4mm	1/2"x29mm	100kgs / 220lbs
	5"(125mm)	1-1/4"(32mm)	164.5mm	38.6mm	1/2"x29mm	110kgs / 242lbs
	6"(150mm)	1-1/4"(32mm)	192.0mm	39.0mm	1/2"x29mm	120kgs / 264lbs

Cylindrical Stem

Specification	Wheel Diameter	Wheel Width	Overall Height	Offset	Cylindrical Stem	Load
Swivel Caster	4"(100mm)	1-1/4"(32mm)	140.5mm	43.4mm	Ø28x30	100kgs / 220lbs
	5"(125mm)	1-1/4"(32mm)	164.5mm	38.6mm	Ø28x30	110kgs / 242lbs
	6"(150mm)	1-1/4"(32mm)	192.0mm	39.0mm	Ø28x30	120kgs / 264lbs
Swivel caster with total lock	4"(100mm)	1-1/4"(32mm)	140.5mm	43.4mm	Ø28x30	100kgs / 220lbs
	5"(125mm)	1-1/4"(32mm)	164.5mm	38.6mm	Ø28x30	110kgs / 242lbs
	6"(150mm)	1-1/4"(32mm)	192.0mm	39.0mm	Ø28x30	120kgs / 264lbs
Swivel caster with 180° directional lock	4"(100mm)	1-1/4"(32mm)	140.5mm	43.4mm	Ø28x30	100kgs / 220lbs
	5"(125mm)	1-1/4"(32mm)	164.5mm	38.6mm	Ø28x30	110kgs / 242lbs
	6"(150mm)	1-1/4"(32mm)	192.0mm	39.0mm	Ø28x30	120kgs / 264lbs

(The load above is for installing Resolute Wheel, and will be different when installing other wheels)

Single Bolt Hole

Specification	Wheel Diameter	Wheel Width	Overall Height	Offset	Single Bolt Hole	Load
Swivel Caster	4"(100mm)	1-1/4"(32mm)	140.5mm	43.4mm	Ø 12.5	100kgs / 220lbs
	5"(125mm)	1-1/4"(32mm)	164.5mm	38.6mm	Ø 12.5	110kgs / 242lbs
	6"(150mm)	1-1/4"(32mm)	192.0mm	39.0mm	Ø 12.5	120kgs / 264lbs
Swivel caster with total lock	4"(100mm)	1-1/4"(32mm)	140.5mm	43.4mm	Ø 12.5	100kgs / 220lbs
	5"(125mm)	1-1/4"(32mm)	164.5mm	38.6mm	Ø 12.5	110kgs / 242lbs
	6"(150mm)	1-1/4"(32mm)	192.0mm	39.0mm	Ø 12.5	120kgs / 264lbs
Swivel caster with 180° directional lock	4"(100mm)	1-1/4"(32mm)	140.5mm	43.4mm	Ø 12.5	100kgs / 220lbs
	5"(125mm)	1-1/4"(32mm)	164.5mm	38.6mm	Ø 12.5	110kgs / 242lbs
	6"(150mm)	1-1/4"(32mm)	192.0mm	39.0mm	Ø 12.5	120kgs / 264lbs

(The load above is for installing Resolute Wheel, and will be different when installing other wheels)

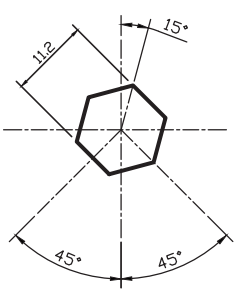
1138 Series 38 Series Central Locking Caster

- Pressed steel housing. Precision ball bearings in both swivel head and wheel. Wheel tread with two options, TPR on PP core and Resolute rubber on PP core. Housing cover made of synthetic material. Swivel without central lock model is available, please consult factory.

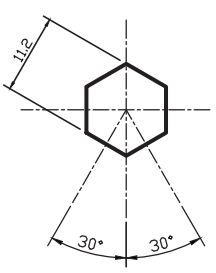


Brake type	Wheel diameter (mm)	Width of Tread (mm)	Stem diameter (mm)	Stem length (mm)	Offset (mm)	Overall height (mm)	Load capacity (kg)	Swivel radius (mm)	Hole height (mm)	Hole diameter (mm)	Angle	Wheel Tread Material	ITEM NO.
Swivel caster with total lock	100	31	28	96	43.4	138.8	90	93.4	78.5	11.2	A	TPR on PP Core	11380400268010
											B		11380400268020
	100	31	32	50	43.4	138.8	90	93.4	34	11.2	A		11380400268030
											B		11380400268040
	125	31	28	96	38	162.5	125	100.5	78.5	11.2	A		11380500268040
											B		11380500268110
	125	31	32	50	38	162.5	125	100.5	34	11.2	A		11380500268130
											B		11380500268120
	150	31	28	96	39	190	125	114	78.5	11.2	A		11380600268010
											B		11380600268020
	150	31	32	50	39	190	125	114	34	11.2	A		11380600268040
											B		11380600268030
	100	31	28	96	43.4	138.8	90	93.4	78.5	11.2	A	Resolute Rubber	11380400458010
											B		11380400458020
	100	31	32	50	43.4	138.8	90	93.4	34	11.2	A		11380400458030
											B		11380400458040
	125	31	28	96	38	162.5	125	100.5	78.5	11.2	A		11380500458030
											B		11380500458050
	125	31	32	50	38	162.5	125	100.5	34	11.2	A		11380500458080
											B		11380500458090
	150	31	28	96	39	190	125	114	78.5	11.2	A		11380600458010
											B		11380600458020
	150	31	32	50	39	190	125	114	34	11.2	A		11380600458030
											B		11380600458040

Brake type	Wheel diameter (mm)	Width of Tread (mm)	Stem diameter (mm)	Stem length (mm)	Offset (mm)	Overall height (mm)	Load capacity (kg)	Swivel radius (mm)	Hole height (mm)	Hole diameter (mm)	Angle	Wheel Tread Material	ITEM NO.
Swivel caster with total and directional lock	100	31	28	96	43.4	138.8	90	93.4	78.5	11.2	A	TPR on PP Core	11380400268050
											B		11380400268060
	100	31	32	50	43.4	138.8	90	93.4	34	11.2	A		11380400268070
											B		11380400268080
	125	31	28	96	38	162.5	125	100.5	78.5	11.2	A		11380500268030
											B		11380500268010
	125	31	32	50	38	162.5	125	100.5	34	11.2	A		11380500268140
											B		11380500268020
	150	31	28	96	39	190	125	114	78.5	11.2	A		11380600268050
											B		11380600268060
	150	31	32	50	39	190	125	114	34	11.2	A		11380600268080
											B		11380600268070
	100	31	28	96	43.4	138.8	90	93.4	78.5	11.2	A	Resolute Rubber	11380400458050
											B		11380400458060
	100	31	32	50	43.4	138.8	90	93.4	34	11.2	A		11380400458080
											B		11380400458070
	125	31	28	96	38	162.5	125	100.5	78.5	11.2	A		11380500458040
											B		11380500458010
	125	31	32	50	38	162.5	125	100.5	34	11.2	A		11380500458100
											B		11380500458020
	150	31	28	96	39	190	125	114	78.5	11.2	A		11380600458050
											B		11380600458060
	150	31	32	50	39	190	125	114	34	11.2	A		11380600458080
											B		11380600458070



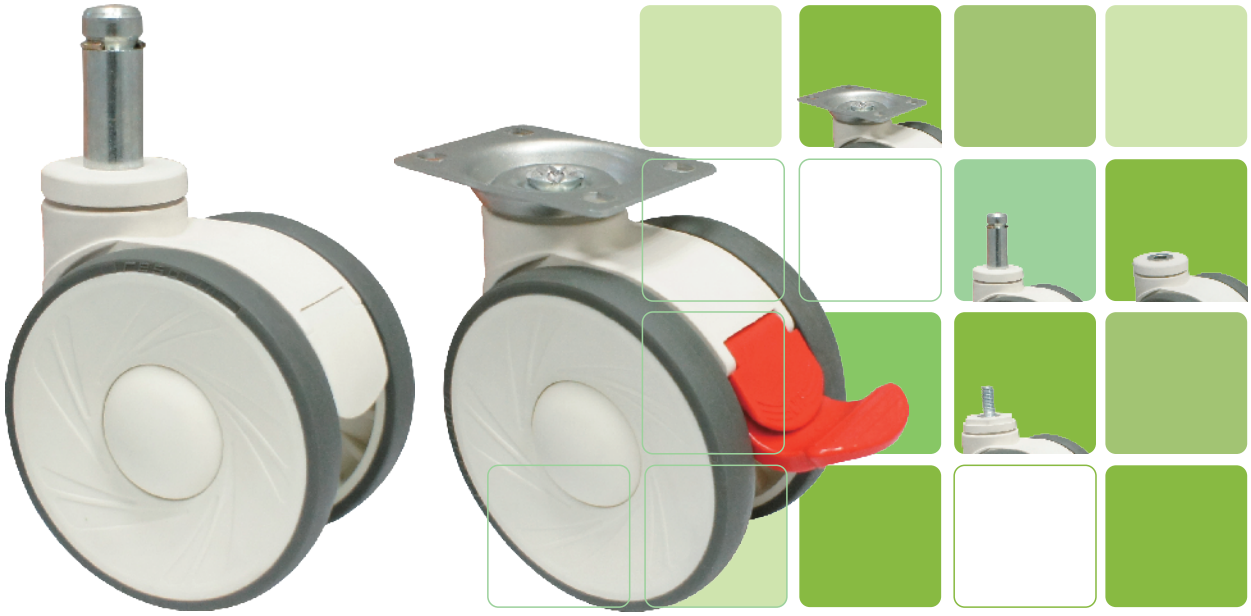
A



B

1146 Series Ascendant Series Caster (All Plastic)

- Frame made from high grade synthetic material, precision ball bearings in swivel head and wheels. Dual brake pedals for easy activation and deactivation. Stainless steel components are also available. Magnetic Free Caster also available.



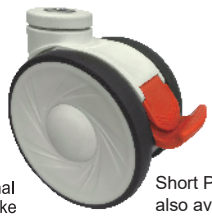
Features



Total Lock Brake



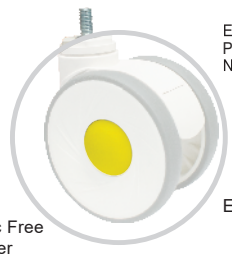
Directional Lock Brake



Short Pedal also available (for 4" & 5" caster only)



Magnetic Free Caster



E-conductive wheel, Precision ball bearing, Non-marking

E-Conductive

Wheel Options



Resolute



TPR on PP Core



E-Conductive



Ball Bearing



TOP PLATE SIZE AND BOLT HOLE SPACING

Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
3",4"(narrow)	42X42mm	32X32mm *	M4/M5
3",4"(narrow)	60X60mm	42.5X42.5mm *	M6
3",4"(narrow)	62X94mm	45X75mm *	M8
4",5"	69X96mm	45X75mm *	M8
3",4"(narrow),4",5"	69X96mm	49X74.5mm *	M8

* Fixed Caster and Directional Swivel Caster is available. Please consult the factory.

CYLINDRICAL STEM SPECIFICATION

Size	Diameter x Length	Hole Height	Bore Size
3",4"(narrow)	11X22mm	—	Grip Ring
3",4"(narrow)	11X38mm	—	Grip Ring
4",5"	21.6X56mm	—	Grip Ring
4",5"	21.5X44.5mm	25.4mm *	#10 X 24UNC+Grip Ring
4",5"	28X30mm	19mm *	M8
4",5"	28X40mm	19mm *	M8

* Fixed Caster and Directional Swivel Caster is available. Please consult the factory.

THREADED STEM SPECIFICATION

Size	Threaded Size	Size	Threaded Size
3",4"(narrow)	3/8-16UNCX25mm	3",4"(narrow)	M10X15mm
3",4"(narrow),4",5"	M12X25mm	4",5"	3/8-16UNCX32mm
4",5"	M12X25mm (SS)	4",5"	1/2-12UNCX25mm
4",5"	1/2-20UNCX25mm (SS)	4",5"	M16X30mm

SINGLE BOLT HOLE

Size	Centre Hole	Size	Centre Hole
3",4"(narrow),4",5"	10.5mm	4",5"	12.5mm

Diameter×Width	Specification	Load	Material	Item No.				Bearing	Overall Height	Offset	Swivel radius
				Fixed	Swivel	Total Lock Brack	Directional Lock				
Width of Tread 75mm x 14mm (3" x 0.55") / Caster width 75mm x 59mm (3" x 2.3")	Plate	90kgs (198lbs)	Resolute	1146-03-84-1	1146-03-84-2	1146-03-84-4	1146-03-84-9	Ball Bearing	91 mm	23mm	Swivel 67mm Swivel W/Brake (Long pedal) 99.5mm Swivel W/Brake (Short pedal) 89.5mm
		90kgs (198lbs)	E-conductive	1146-03-85-1	1146-03-85-2	1146-03-85-4	1146-03-85-9				
		90kgs (198lbs)	TPR on PP Core	1146-03-86-1	1146-03-86-2	1146-03-86-4	1146-03-86-9				
	Threaded Stem	90kgs (198lbs)	Resolute	—	1146-03-84-2	1146-03-84-4	—		84 mm		
		90kgs (198lbs)	E-conductive	—	1146-03-85-2	1146-03-85-4	—				
		90kgs (198lbs)	TPR on PP Core	—	1146-03-86-2	1146-03-86-4	—				
	Single Bolt Hole	90kgs (198lbs)	Resolute	—	1146-03-84-2	1146-03-84-4	—		81 mm		
		90kgs (198lbs)	E-conductive	—	1146-03-85-2	1146-03-85-4	—				
		90kgs (198lbs)	TPR on PP Core	—	1146-03-86-2	1146-03-86-4	—				
	Cylindrical Stem	90kgs (198lbs)	Resolute	—	1146-03-84-2	1146-03-84-4	—		81 mm		
		90kgs (198lbs)	E-conductive	—	1146-03-85-2	1146-03-85-4	—				
		90kgs (198lbs)	TPR on PP Core	—	1146-03-86-2	1146-03-86-4	—				
(Narrow Version) Width of Tread 100mm x 14mm (4" x 0.55") / Caster width 100mm x 60.5mm (4" x 2.4")	Plate	90kgs (198lbs)	Resolute	1146-04-84-1(1)	1146-04-84-2(1)	1146-04-84-4(1)	1146-04-84-9(1)	Ball Bearing	122 mm	28mm	Swivel 83mm Swivel W/Brake (Long pedal) 112.5mm Swivel W/Brake (Short pedal) 102.5mm
		90kgs (198lbs)	E-conductive	1146-04-85-1(1)	1146-04-85-2(1)	1146-04-85-4(1)	1146-04-85-9(1)				
		90kgs (198lbs)	TPR on PP Core	1146-04-86-1(1)	1146-04-86-2(1)	1146-04-86-4(1)	1146-04-86-9(1)				
	Threaded Stem	90kgs (198lbs)	Resolute	—	1146-04-84-5(1)	1146-04-84-6(1)	—		115 mm		
		90kgs (198lbs)	E-conductive	—	1146-04-85-5(1)	1146-04-85-6(1)	—				
		90kgs (198lbs)	TPR on PP Core	—	1146-04-86-5(1)	1146-04-86-6(1)	—				
	Single Bolt Hole	90kgs (198lbs)	Resolute	—	1146-04-84-5(1)	1146-04-84-6(1)	—		112 mm		
		90kgs (198lbs)	E-conductive	—	1146-04-85-5(1)	1146-04-85-6(1)	—				
		90kgs (198lbs)	TPR on PP Core	—	1146-04-86-5(1)	1146-04-86-6(1)	—				
	Cylindrical Stem	90kgs (198lbs)	Resolute	—	1146-04-84-7(1)	1146-04-84-8(1)	—		112 mm		
		90kgs (198lbs)	E-conductive	—	1146-04-85-7(1)	1146-04-85-8(1)	—				
		90kgs (198lbs)	TPR on PP Core	—	1146-04-86-7(1)	1146-04-86-8(1)	—				
Width of Tread 100mm x 18mm (4" x 0.7") / Caster width 100mm x 82mm (4" x 3.2")	Plate	100kgs (220lbs)	Resolute	1146-04-84-1	1146-04-84-2	1146-04-84-4	1146-04-84-9	Ball Bearing	122 mm	32mm	Swivel 91mm Swivel W/Brake (Long pedal) 125mm Swivel W/Brake (Short pedal) 111mm
		100kgs (220lbs)	E-conductive	1146-04-85-1	1146-04-85-2	1146-04-85-4	1146-04-85-9				
		100kgs (220lbs)	TPR on PP Core	1146-04-86-1	1146-04-86-2	1146-04-86-4	1146-04-86-9				
	Threaded Stem	100kgs (220lbs)	Resolute	—	1146-04-84-2	1146-04-84-4	—		120 mm		
		100kgs (220lbs)	E-conductive	—	1146-04-85-2	1146-04-85-4	—				
		100kgs (220lbs)	TPR on PP Core	—	1146-04-86-2	1146-04-86-4	—				
	Single Bolt Hole	100kgs (220lbs)	Resolute	—	1146-04-84-2	1146-04-84-4	—		120 mm		
		100kgs (220lbs)	E-conductive	—	1146-04-85-2	1146-04-85-4	—				
		100kgs (220lbs)	TPR on PP Core	—	1146-04-86-2	1146-04-86-4	—				
	Cylindrical Stem	100kgs (220lbs)	Resolute	1146-04-84-1	1146-04-84-2	1146-04-84-4	1146-04-84-9		120 mm		
		100kgs (220lbs)	E-conductive	1146-04-85-1	1146-04-85-2	1146-04-85-4	1146-04-85-9				
		100kgs (220lbs)	TPR on PP Core	1146-04-86-1	1146-04-86-2	1146-04-86-4	1146-04-86-9				



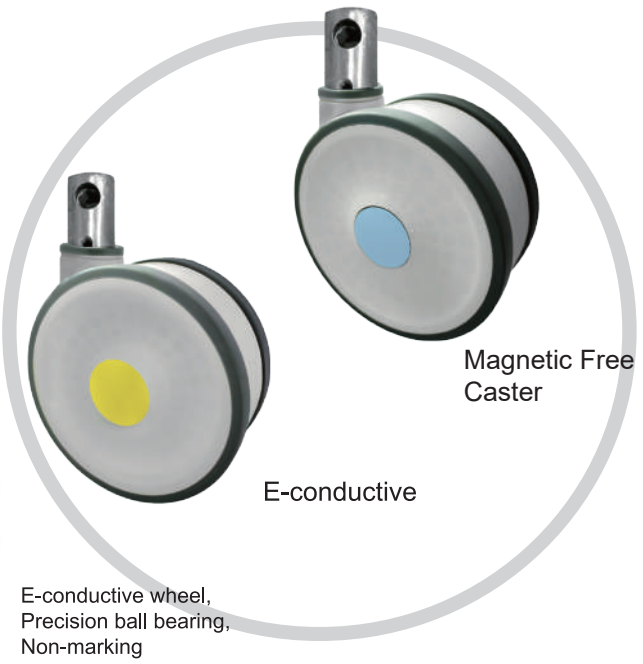
Diameter×Width	Specification	Load	Material	Item No.				Bearing	Overall Height	Offset	Swivel radius
				Fixed	Swivel	Total Lock Brack	Directional Lock				
Width of Tread 125mm x 18mm (5" x 0.7") Caster width 125mm x 84.5mm (5" x 3.3")	Plate	110kgs (242lbs)	Resolute	1146-05-84-1	1146-05-84-2	1146-05-84-4	1146-05-84-9	Ball Bearing	146 mm	40mm	Swivel 110mm Swivel W/Brake (Long pedal)141mm Swivel W/Brake (Short pedal)127mm
		110kgs (242lbs)	E-conductive	1146-05-85-1	1146-05-85-2	1146-05-85-4	1146-05-85-9				
		110kgs (242lbs)	TPR on PP Core	1146-05-86-1	1146-05-86-2	1146-05-86-4	1146-05-86-9				
	Threaded Stem	110kgs (242lbs)	Resolute	—	1146-05-84-2	1146-05-84-4	—		144 mm		
		110kgs (242lbs)	E-conductive	—	1146-05-85-2	1146-05-85-4	—				
		110kgs (242lbs)	TPR on PP Core	—	1146-05-86-2	1146-05-86-4	—				
	Single Bolt Hole	110kgs (242lbs)	Resolute	—	1146-05-84-2	1146-05-84-4	—		143 mm		
		110kgs (242lbs)	E-conductive	—	1146-05-85-2	1146-05-85-4	—				
		110kgs (242lbs)	TPR on PP Core	—	1146-05-86-2	1146-05-86-4	—				
	Cylindrical Stem	110kgs (242lbs)	Resolute	1146-05-84-1	1146-05-84-2	1146-05-84-4	1146-05-84-9		143 mm		
		110kgs (242lbs)	E-conductive	1146-05-85-1	1146-05-85-2	1146-05-85-4	1146-05-85-9				
		110kgs (242lbs)	TPR on PP Core	1146-05-86-1	1146-05-86-2	1146-05-86-4	1146-05-86-9				

1148 Series 48 Series Central Locking Caster (All Plastic)

- Frame made from high grade synthetic material, low height, two precision ball bearings in swivel head. Wheels embedded with precision ball bearings. Wheel tread with two options, TPR on PP core and Resolute rubber on PP core. Swivel without central lock model is available, please consult factory. Magnetic Free Caster also available.



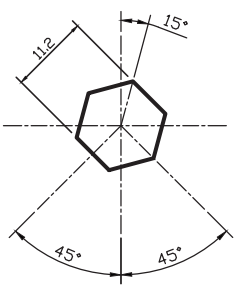




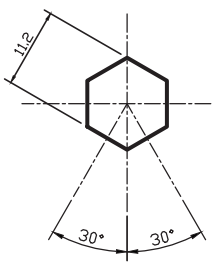
E-conductive wheel,
Precision ball bearing,
Non-marking

Brake type	Wheel diameter (mm)	Width of Tread (mm)	Stem diameter (mm)	Stem length (mm)	Offset (mm)	Overall height (mm)	Load capacity (kg)	Swivel radius (mm)	Hole height (mm)	Hole diameter (mm)	Angle	Wheel Tread Material	ITEM NO.
Swivel caster with total lock	125	15	28	96	40	130	125	102.5	78.5	11	A	TPR on PP Core	11480500268010
											B		11480500268020
	125	15	32	50	40	130	125	102.5	34	11	A		11480500268030
											B		11480500268040
	150	15	28	96	47.5	155	125	122.5	78.5	11	A		11480600268010
											B		11480600268020
	150	15	32	50	47.5	155	125	122.5	34	11	A		11480600268030
											B		11480600268040
	125	15	28	96	40	130	150	102.5	78.5	11	A	Resolute Rubber	11480500458060
											B		11480500458020
	125	15	32	50	40	130	150	102.5	34	11	A		11480500458070
											B		11480500458040
	150	15	28	96	47.5	155	150	122.5	78.5	11	A		11480600458090
											B		11480600458020
	150	15	32	50	47.5	155	150	122.5	34	11	A		11480600458100
											B		11480600458040

Brake type	Wheel diameter (mm)	Width of Tread (mm)	Stem diameter (mm)	Stem length (mm)	Offset (mm)	Overall height (mm)	Load capacity (kg)	Swivel radius (mm)	Hole height (mm)	Hole diameter (mm)	Angle	Wheel Tread Material	ITEM NO.
Swivel caster with total and directional lock	125	15	28	96	40	130	125	102.5	78.5	11	A	TPR on PP Core	11480500268050
											B		11480500268060
	125	15	32	50	40	130	125	102.5	34	11	A		11480500268070
											B		11480500268080
	150	15	28	96	47.5	155	125	122.5	78.5	11	A		11480600268050
											B		11480600268060
	150	15	32	50	47.5	155	125	122.5	34	11	A		11480600268070
											B		11480600268080
	125	15	28	96	40	130	150	102.5	78.5	11	A	Resolute Rubber	11480500458080
											B		11480500458010
	125	15	32	50	40	130	150	102.5	34	11	A		11480500458090
											B		11480500458030
	150	15	28	96	47.5	155	150	122.5	78.5	11	A		11480600458050
											B		11480600458010
	150	15	32	50	47.5	155	150	122.5	34	11	A		11480600458060
											B		11480600458030



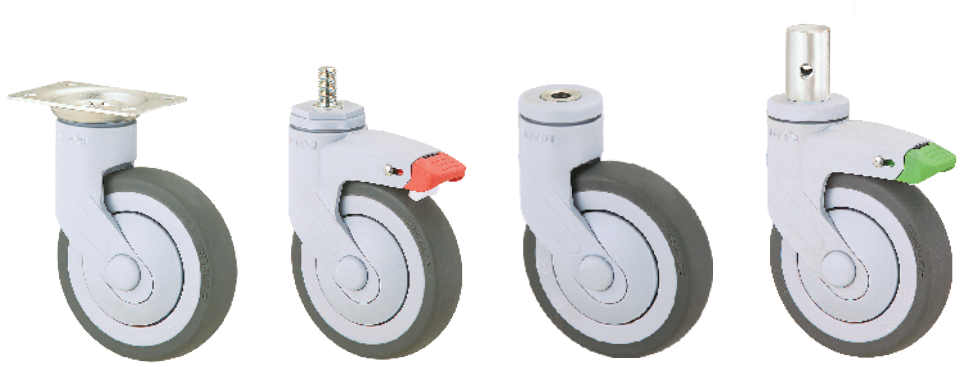
A



B

1155 Series STAT Series Caster (All Plastic)

- High grade synthetic housing
  Smooth and easy rolling, these casters noticeably reduce the effort to operate equipment
  Highly effective Thread guards prevent failure from strings and other debris.
  Specifically designed for healthcare and institutional applications where silence is essential.
  Corrosion resistant with non-marking wheels
  Ball bearing swivel head
  Directional lock also available
  Stainless steel components are also available
  Magnetic Free Caster also available



Features



Total Lock Brake



Directional Lock Brake



Long Pedal



Extra Long Pedal



Magnetic Free Caster



E-Conductive

E-conductive wheel, Precision ball bearing, Non-marking

Wheel Options



Resolute



TPR on PP Core



E-Conductive



QPU on AL Core





TPR on PP Core (Dount)



Resolute (Dount)

TOP PLATE SIZE AND BOLT HOLE SPACING

Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
3"	42X42mm	32X32mm *	M4/M5
3"	60X60mm	42.5X42.5mm *	M6
3"	62X94mm	45X75mm *	M8
3"	69X96mm	49X74.5mm *	M8
4" 5"	69X96mm	45X75mm *	M8
3" 4" 5"	69X96mm	49X74.5mm *	M8

* Fixed Caster and Directional Swivel Caster is available. Please consult the factory.

CYLINDRICAL STEM SPECIFICATION

Size	Diameter x Length	Hole Height	Bore Size
3"	11X22mm	—	Grip Ring
3"	11X38mm	—	Grip Ring
4" 5"	21.6X56mm	—	Grip Ring
4" 5"	21.5X44.5mm	25.4mm *	#10 X 24UNC+Grip Ring
4" 5"	28X30mm	19mm *	M8
4" 5"	28X40mm	19mm *	M8

* Fixed Caster and Directional Swivel Caster is available. Please consult the factory.

THREADED STEM SPECIFICATION

Size	Threaded Size	Size	Threaded Size
3"	3/8-16UNCX25mm	3"	M10X15mm
3"	M12X25mm	4" 5"	3/8-16UNCX32mm
4" 5"	M12X25mm	4" 5"	M12X25mm (SS)
4" 5"	1/2-12UNCX25mm	4" 5"	1/2-20UNCX25mm (SS)
4" 5"	M16X30mm		

SINGLE BOLT HOLE

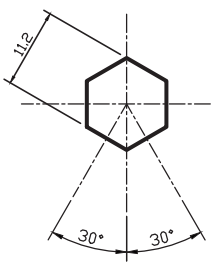
Size	Centre Hole	Size	Centre Hole
3" 4" 5"	10.5mm	4" 5"	12.5mm

Diameter×Width	Specification	Load	Material	Item No.				Bearing	Overall Height	Offset	Swivel radius
				Fixed	Swivel	Total Lock Brack	Directional Lock				
75mmx25mm (3"x1")	Plate	75kgs (165lbs)	Resolute	1155-03-68-1	1155-03-68-2	1155-03-68-4	—	Ball Bearing	113mm	27mm	Swivel 64.5mm Swivel W/Brake (Short pedal) 75mm Swivel W/Brake (Long pedal) 88mm
		65kgs (143lbs)	E-conductive	1155-03-17-1	1155-03-17-2	1155-03-17-4	—	Ball Bearing			
		75kgs (165lbs)	TPR on PP Core	1155-03-75-1	1155-03-75-2	1155-03-75-4	—	Ball Bearing			
	Threaded Stem	75kgs (165lbs)	Resolute	—	1155-03-68-2	1155-03-68-4	—	Ball Bearing	107mm		
		65kgs (143lbs)	E-conductive	—	1155-03-17-2	1155-03-17-4	—	Ball Bearing			
		75kgs (165lbs)	TPR on PP Core	—	1155-03-75-2	1155-03-75-4	—	Ball Bearing			
	Single Bolt Hole	75kgs (165lbs)	Resolute	—	1155-03-68-2	1155-03-68-4	—	Ball Bearing	104mm		
		65kgs (143lbs)	E-conductive	—	1155-03-17-2	1155-03-17-4	—	Ball Bearing			
		75kgs (165lbs)	TPR on PP Core	—	1155-03-75-2	1155-03-75-4	—	Ball Bearing			
	Cylindrical Stem	75kgs (165lbs)	Resolute	1155-03-68-1	1155-03-68-2	1155-03-68-4	—	Ball Bearing	104mm		
		65kgs (143lbs)	E-conductive	1155-03-17-1	1155-03-17-2	1155-03-17-4	—	Ball Bearing			
		75kgs (165lbs)	TPR on PP Core	1155-03-75-1	1155-03-75-2	1155-03-75-4	—	Ball Bearing			
100mmx31mm (4"x1-1/4")	Plate	90kgs (198lbs)	Resolute	1155-04-68-1	1155-04-68-2	1155-04-68-4	1155-04-68-9	Ball Bearing	141mm	36mm	Swivel 86mm Swivel W/Brake (Short pedal) 102mm Swivel W/Brake (Long pedal) 113mm Swivel W/Brake (Extra long pedal) 126mm
		90kgs (198lbs)	E-conductive	1155-04-17-1	1155-04-17-2	1155-04-17-4	1155-04-17-9	Ball Bearing			
		90kgs (198lbs)	TPR on PP Core	1155-04-75-1	1155-04-75-2	1155-04-75-4	1155-04-75-9	Ball Bearing Plain Bearing			
		90kgs (198lbs)	QPU on AL Core	1155-04-87-1	1155-04-87-2	1155-04-87-4	1155-04-87-9	Ball Bearing			
		80kgs (176lbs)	TPR on PP Core(Dount)	1155-04-110-1	1155-04-110-2	1155-04-110-4	1155-04-110-9	Ball Bearing			
		90kgs (198lbs)	Resolute(Dount)	1155-04-111-1	1155-04-111-2	1155-04-111-4	1155-04-111-9	Ball Bearing			
	Threaded Stem	90kgs (198lbs)	Resolute	—	1155-04-68-2	1155-04-68-4	—	Ball Bearing	139mm		
		90kgs (198lbs)	E-conductive	—	1155-04-17-2	1155-04-17-4	—	Ball Bearing			
		90kgs (198lbs)	TPR on PP Core	—	1155-04-75-2	1155-04-75-4	—	Ball Bearing Plain Bearing			
		90kgs (198lbs)	QPU on AL Core	—	1155-04-87-2	1155-04-87-4	—	Ball Bearing			
		80kgs (176lbs)	TPR on PP Core(Dount)	—	1155-04-110-2	1155-04-110-4	—	Ball Bearing			
		90kgs (198lbs)	Resolute (Dount)	—	1155-04-111-2	1155-04-111-4	—	Ball Bearing			
	Single Bolt Hole	90kgs (198lbs)	Resolute	—	1155-04-68-2	1155-04-68-4	—	Ball Bearing	138mm		
		90kgs (198lbs)	E-conductive	—	1155-04-17-2	1155-04-17-4	—	Ball Bearing			
		90kgs (198lbs)	TPR on PP Core	—	1155-04-75-2	1155-04-75-4	—	Ball Bearing Plain Bearing			
		90kgs (198lbs)	QPU on AL Core	—	1155-04-87-2	1155-04-87-4	—	Ball Bearing			
		80kgs (176lbs)	TPR on PP Core(Dount)	—	1155-04-110-2	1155-04-110-4	—	Ball Bearing			
		90kgs (198lbs)	Resolute(Dount)	—	1155-04-111-2	1155-04-111-4	—	Ball Bearing			
	Cylindrical Stem	90kgs (198lbs)	Resolute	1155-04-68-1	1155-04-68-2	1155-04-68-4	1155-04-68-9	Ball Bearing	138mm		
		90kgs (198lbs)	E-conductive	1155-04-17-1	1155-04-17-2	1155-04-17-4	1155-04-17-9	Ball Bearing			
		90kgs (198lbs)	TPR on PP Core	1155-04-75-1	1155-04-75-2	1155-04-75-4	1155-04-75-9	Ball Bearing Plain Bearing			
		90kgs (198lbs)	QPU on AL Core	1155-04-87-1	1155-04-87-2	1155-04-87-4	1155-04-87-9	Ball Bearing			
		80kgs (176lbs)	TPR on PP Core(Dount)	1155-04-110-1	1155-04-110-2	1155-04-110-4	1155-04-110-9	Ball Bearing			
		90kgs (198lbs)	Resolute(Dount)	1155-04-111-1	1155-04-111-2	1155-04-111-4	1155-04-111-9	Ball Bearing			

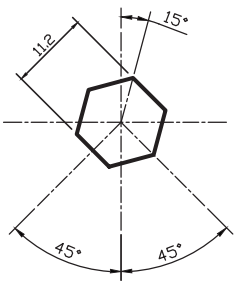
Diameter×Width	Specification	Load	Material	Item No.				Bearing	Overall Height	Offset	Swivel radius
				Fixed	Swivel	Total Lock Brack	Directional Lock				
125mmx31mm (5"x1-1/4")	Plate	100kgs (220lbs)	Resolute	1155-05-68-1	1155-05-68-2	1155-05-68-4	1155-05-68-9	Ball Bearing	166mm	38mm	Swivel 100.5mm Swivel W/Brake (Short pedal) 102mm Swivel W/Brake (Long pedal) 113mm Swivel W/Brake (Extra long pedal) 126mm
		100kgs (220lbs)	E-conductive	1155-05-17-1	1155-05-17-2	1155-05-17-4	1155-05-17-9	Ball Bearing			
		100kgs (220lbs)	TPR on PP Core	1155-05-75-1	1155-05-75-2	1155-05-75-4	1155-05-75-9	Ball Bearing Plain Bearing			
		100kgs (220lbs)	QPU on AL Core	1155-05-87-1	1155-05-87-2	1155-05-87-4	1155-05-87-9	Ball Bearing			
		90kgs (198lbs)	TPR on PP Core(Dount)	1155-05-110-1	1155-05-110-2	1155-05-110-4	1155-05-110-9	Ball Bearing			
		100kgs (220lbs)	Resolute(Dount)	1155-05-111-1	1155-05-111-2	1155-05-111-4	1155-05-111-9	Ball Bearing			
	Threaded Stem	100kgs (220lbs)	Resolute	–	1155-05-68-2	1155-05-68-4	–	Ball Bearing	164mm		
		100kgs (220lbs)	E-conductive	–	1155-05-17-2	1155-05-17-4	–	Ball Bearing			
		100kgs (220lbs)	TPR on PP Core	–	1155-05-75-2	1155-05-75-4	–	Ball Bearing Plain Bearing			
		100kgs (220lbs)	QPU on AL Core	–	1155-05-87-2	1155-05-87-4	–	Ball Bearing			
		90kgs (198lbs)	TPR on PP Core(Dount)	–	1155-05-110-2	1155-05-110-4	–	Ball Bearing			
		100kgs (220lbs)	Resolute(Dount)	–	1155-05-111-2	1155-05-111-4	–	Ball Bearing			
	Single Bolt Hole	100kgs (220lbs)	Resolute	–	1155-05-68-2	1155-05-68-4	–	Ball Bearing	163mm		
		100kgs (220lbs)	E-conductive	–	1155-05-17-2	1155-05-17-4	–	Ball Bearing			
		100kgs (220lbs)	TPR on PP Core	–	1155-05-75-2	1155-05-75-4	–	Ball Bearing Plain Bearing			
		100kgs (220lbs)	QPU on AL Core	–	1155-05-87-2	1155-05-87-4	–	Ball Bearing			
		90kgs (198lbs)	TPR on PP Core(Dount)	–	1155-05-110-2	1155-05-110-4	–	Ball Bearing			
		100kgs (220lbs)	Resolute(Dount)	–	1155-05-111-2	1155-05-111-4	–	Ball Bearing			
	Cylindrical Stem	100kgs (220lbs)	Resolute	1155-05-68-1	1155-05-68-2	1155-05-68-4	1155-05-68-9	Ball Bearing	163mm		
		100kgs (220lbs)	E-conductive	1155-05-17-1	1155-05-17-2	1155-05-17-4	1155-05-17-9	Ball Bearing			
		100kgs (220lbs)	TPR on PP Core	1155-05-75-1	1155-05-75-2	1155-05-75-4	1155-05-75-9	Ball Bearing Plain Bearing			
		100kgs (220lbs)	QPU on AL Core	1155-05-87-1	1155-05-87-2	1155-05-87-4	1155-05-87-9	Ball Bearing			
		90kgs (198lbs)	TPR on PP Core(Dount)	1155-05-110-1	1155-05-110-2	1155-05-110-4	1155-05-110-9	Ball Bearing			
		100kgs (220lbs)	Resolute(Dount)	1155-05-111-1	1155-05-111-2	1155-05-111-4	1155-05-111-9	Ball Bearing			

1156 Series 56 Series Central Locking Caster

- Housing made of pressed steel. Precision ball bearings in both swivel head and wheel. Resolute wheel offers cushion ride, silient drive and debris rejection functions. Housing cover made of synthetic material.



A



B





Brake type	Wheel diameter (mm)	Width of Tread (mm)	Stem diameter (mm)	Stem length (mm)	Offset (mm)	Overall height (mm)	Load capacity (kg)	Swivel radius (mm)	Hole height (mm)	Hole diameter (mm)	Angle	Wheel Tread Material	ITEM NO.
Swivel caster with total lock	125	31	28	96	35	158.5	120	98	78.5	11.2	A	Resolute Rubber	11560500458033
	125	31	28	96	35	158.5	120	98	78.5	11.2	B		11560500458233
	125	31	32	50	35	158.5	120	98	34	11.2	A		11560500458133
	125	31	32	50	35	158.5	120	98	34	11.2	B		11560500458333
Swivel caster with total and directional lock	125	31	28	96	35	158.5	120	98	78.5	11.2	A	Resolute Rubber	11560500458023
	125	31	28	96	35	158.5	120	98	78.5	11.2	B		11560500458223
	125	31	32	50	35	158.5	120	98	34	11.2	A		11560500458123
	125	31	32	50	35	158.5	120	98	34	11.2	B		11560500458323
Swivel caster with total lock	150	31	28	96	40	183	150	115	78.5	11.2	A	Resolute Rubber	11560600458033
	150	31	28	96	40	183	150	115	78.5	11.2	B		11560600458233
	150	31	32	50	40	183	150	115	34	11.2	A		11560600458133
	150	31	32	50	40	183	150	115	34	11.2	B		11560600458333
Swivel caster with total and directional lock	150	31	28	96	40	183	150	115	78.5	11.2	A	Resolute Rubber	11560600458023
	150	31	28	96	40	183	150	115	78.5	11.2	B		11560600458223
	150	31	32	50	40	183	150	115	34	11.2	A		11560600458123
	150	31	32	50	40	183	150	115	34	11.2	B		11560600458323
Swivel caster with total lock	200	31	28	96	60	229	150	160	78.5	11.2	A	Resolute Rubber	11560800458033
	200	31	28	96	60	229	150	160	78.5	11.2	B		11560800458233
	200	31	32	50	60	229	150	160	34	11.2	A		11560800458133
	200	31	32	50	60	229	150	160	34	11.2	B		11560800458333
Swivel caster with total and directional lock	200	31	28	96	60	229	150	160	78.5	11.2	A	Resolute Rubber	11560800458023
	200	31	28	96	60	229	150	160	78.5	11.2	B		11560800458223
	200	31	32	50	60	229	150	160	34	11.2	A		11560800458123
	200	31	32	50	60	229	150	160	34	11.2	B		11560800458333

1135 Series Med-Glide Series Caster (All Plastic)

- High grade synthetic housing
- Smooth and easy rolling, these casters noticeably reduce the effort to operate equipment
- Highly effective Thread guards prevent failure from strings and other debris.
- Specifically designed for healthcare and institutional applications where silence is essential.
- Corrosion resistant with non-marking wheels
- Ball bearing swivel head
- Directional lock also available
- Stainless steel components are also available
- Magnetic Free Caster also available



Features


Total Lock Brake


Directional Lock Brake


Magnetic Free Caster

Wheel Options


Resolute


TPR on PP Core


QPU on AL Core


Ball Bearing

TOP PLATE SIZE AND BOLT HOLE SPACING

Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
4" 5"	69X96mm	45X75mm *	M8
4" 5"	69X96mm	49X74.5mm *	M8

* Fixed Caster is available. Please consult the factory.

CYLINDRICAL STEM SPECIFICATION

Size	Diameter x Length	Hole Height	Bore Size
4" 5"	21.6X56mm	—	Grip Ring
4" 5"	21.5X44.5mm	25.4mm *	#10 X 24UNC+Grip Ring
4" 5"	28X30mm	19mm *	M8
4" 5"	28X40mm	19mm *	M8

* Fixed Caster is available. Please consult the factory.

THREADED STEM SPECIFICATION

Size	Threaded Size	Size	Threaded Size
4" 5"	3/8-16UNCX32mm	4" 5"	M12X25mm
4" 5"	M12X25mm (SS)	4" 5"	1/2-12UNCX25mm
4" 5"	1/2-20UNCX25mm (SS)	4" 5"	M16X30mm

SINGLE BOLT HOLE

Size	Centre Hole	Size	Centre Hole
4" 5"	10.5mm	4" 5"	12.5mm

Diameter×Width	Specification	Load	Material	Item No. Fixed	Swivel	Total Lock Brake	Directional Lock	Bearing	Overall Height	Offset	Swivel radius
100mmx31mm (4"x1-1/4")	Plate	90kgs (198lbs)	Resolute	11350400451013	11350400452013	11350400454013	11350400454213	滾珠軸承 Ball Bearing	146mm (5"-3/4")	34mm (1"-11/32")	活動 84mm 活煞 105.5mm Swivel 84mm Swivel W/Total Lock Brake 105.5mm
		90kgs (198lbs)	TPR on PP Core	11350400261013	11350400262013	11350400264013	11350400264213				
	Threaded Stem	90kgs (198lbs)	Resolute	—	11350400455013	11350400456013	—		145mm (5"-45/65")		
		90kgs (198lbs)	TPR on PP Core	—	11350400265013	11350400266013	—				
	Single Bolt Hole	90kgs (198lbs)	Resolute	—	11350400459213	11350400459413	—		144mm (5"-43/64")		
		90kgs (198lbs)	TPR on PP Core	—	11350400269213	11350400269413	—				
	Cylindrical Stem	90kgs (198lbs)	Resolute	11350400457313	11350400457013	11350400458013	11350400458213		144mm (5"-43/64")		
		90kgs (198lbs)	TPR on PP Core	11350400267313	11350400267013	11350400268013	11350400268213				
125mmx31mm (5"x1-1/4")	Plate	100kgs (220lbs)	Resolute	11350500451013	11350500452013	11350500454013	11350500454213	滾珠軸承 Ball Bearing	175mm (6"-57/64")	44.5mm (1"-3/4")	活動 107mm 活煞 124.5mm Swivel 107mm Swivel W/Total Lock Brake 124.5mm
		100kgs (220lbs)	TPR on PP Core	11350500261013	11350500262013	11350500264013	11350500264213				
		100kgs (220lbs)	QPU on AL Core	1135-05-87-1	1135-05-87-2	1135-05-87-4	1135-05-87-9				
	Threaded Stem	100kgs (220lbs)	Resolute	—	11350500455013	11350500456013	—		174mm (6"-27/32")		
		100kgs (220lbs)	TPR on PP Core	—	11350500265013	11350500266013	—				
		100kgs (220lbs)	QPU on AL Core	—	1135-05-87-2	1135-05-87-4	—				
	Single Bolt Hole	100kgs (220lbs)	Resolute	—	11350500459213	11350500459413	—		173mm (6"-13/16")		
		100kgs (220lbs)	TPR on PP Core	—	11350500269213	11350500269413	—				
		100kgs (220lbs)	QPU on AL Core	—	1135-05-87-2	1135-05-87-4	—				
	Cylindrical Stem	100kgs (220lbs)	Resolute	11350500457313	11350500457013	11350500458013	11350500458213		173mm (6"-13/16")		
		100kgs (220lbs)	TPR on PP Core	11350500267313	11350500267013	11350500268013	11350500268213				
		100kgs (220lbs)	QPU on AL Core	1135-05-87-1	1135-05-87-2	1135-05-87-4	1135-05-87-9				

1160 Series UNI Series-Light Duty Caster (All Plastic)

- Housing made from high grade synthetic material, equipped with smooth and easy rolling non-marking wheel. Center brake pedal for easy activation and deactivation. Stainless steel components are also available.



Features



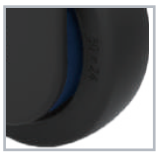
Center Brake



E-conductive wheel,
Plain bearing,
Non-marking

E-Conductive

Wheel Options



TPR on PP Core



Plain Bearing

TOP PLATE SIZE AND BOLT HOLE SPACING

Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
42X42mm	32X32mm	M4/M5
60X60mm	42.5X42.5mm	M6

CYLINDRICAL STEM SPECIFICATION

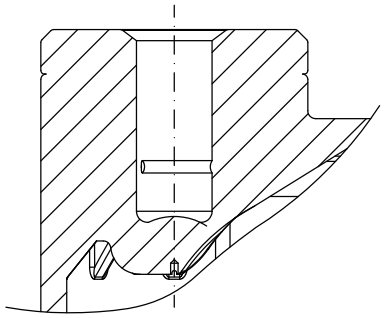
Diameter x Length	Hole Height	Bore Size
11X38mm	–	Grip Ring
11X22mm	–	Grip Ring

THREADED STEM SPECIFICATION

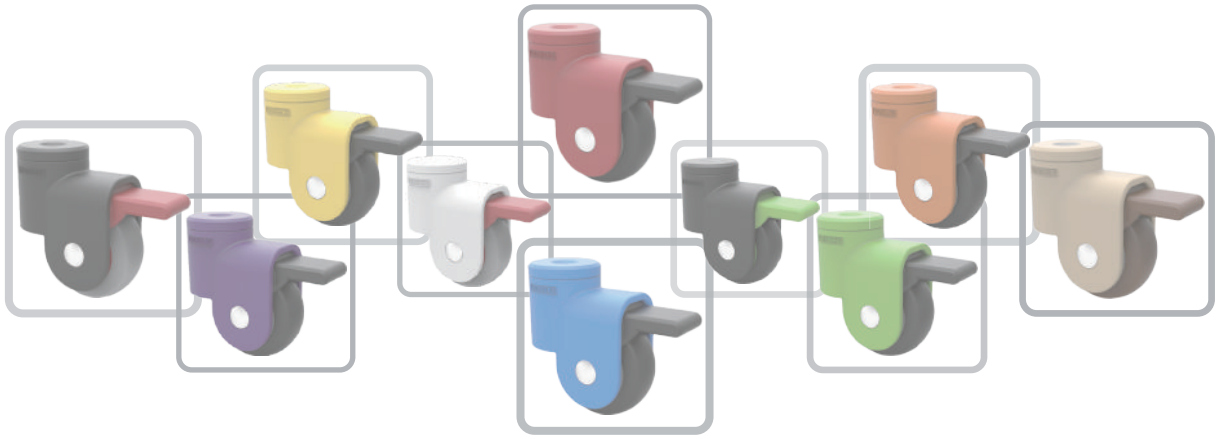
M8X15mm	M8X25mm	3/8-16UNCX15mm	3/8-16UNCX25mm
M10X25mm	M12X25mm	1/2-12UNCX25mm	–

BLIND HOLE

Center Hole
10mm



Diameter×Width	Specification	Load	Material	Item No.		Bearing	Overall Height	Offset	Swivel radius
				Swivel	Center Brake				
51mmx20mm (2"x13/16")	Plate	30kgs(66lbs)	TPR on PP Core	11600200262013	11600200264013	Plain Bearing	86.5mm	24mm	Swivel 50mm Swivel W/Brake 71mm
				11600200262023	11600200264023				
	Threaded Stem	30kgs(66lbs)	TPR on PP Core	11600200265043	11600200266043		79.5mm		
				11600200265033	11600200266033				
				11600200265023	11600200266023				
				11600200265223	11600200266223				
				11600200265013	11600200266013				
				11600200265293	11600200266293				
				11600200265213	11600200266213				
	Blind Hole	30kgs(66lbs)	TPR on PP Core	11600200269213	11600200269413		74mm		
	Cylindrical Stem	30kgs(66lbs)	TPR on PP Core	11600200267023	11600200268023		79.5mm		
				11600200267043	11600200268043				
80mmx24mm (3.2"x1")	Plate	40kgs(88lbs)	TPR on PP Core	11602300262013	11602300264013	Plain Bearing	116.5mm	34mm	Swivel 74.5mm Swivel W/Brake 105mm
				11602300262023	11602300264023				
	Threaded Stem	40kgs(88lbs)	TPR on PP Core	11602300265043	11602300266043		109.5mm		
				11602300265033	11602300266033				
				11602300265023	11602300266023				
				11602300265223	11602300266223				
				11602300265013	11602300266013				
				11602300265293	11602300266293				
				11602300265213	11602300266213				
	Blind Hole	40kgs(88lbs)	TPR on PP Core	11602300269213	11602300269413		104mm		
	Cylindrical Stem	40kgs(88lbs)	TPR on PP Core	11602300267023	11602300268023		109.5mm		
				11602300267043	11602300268043				



1161 Series Automatic Cable Locking Caster

- This self-locking caster is designed to immobilize the casters/wheels automatically when the casters and the cart they carried are in a non-operated condition. With a connection of a cable and lever system, the caster locks automatically when the users release a handle of the trolley/carts, which increases the safety of the products in use.







Features



Swivel W/Automatic locking



E-conductive wheel,
Precision ball bearing,
Non-marking

E-Conductive

Wheel Options



Resolute



TPR on PP Core



E-Conductive



Ball Bearing

TOP PLATE SIZE AND BOLT HOLE SPACING

Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
3"	42 x 42 mm (1-21/32" x 1-21/32")	32 x 32 mm (1-1/4" x 1-1/4") *	M4/M5
3"	60 x 60 mm (2-3/8" x 2-3/8")	42.5 x 42.5 mm (1-11/16" x 1-11/16") *	M6
4"5"	69 x 96 mm (2-23/32" x 3-25/32")	45 x 75 mm (1-25/32" x 2-15/16") *	M8
4"5"	69 x 96 mm (2-23/32" x 3-25/32")	49 x 74.5 mm (1-15/16" x 2-15/16") *	M8

* Fixed Caster is available. Please consult the factory.

THREADED STEM SPECIFICATION

Size	Threaded Size	Size	Threaded Size
3"4"5"	M12 x 25mm	4"5"	M16 x 30mm

Diameter×Width	Specification	Load	Material	Item No.			Bearing	Overall Height	Offset	Swivel radius
				Fixed	Swivel	Brake				
Width of Tread 75mmx14mm (3"x0.55") / Caster width 75mmx59mm (3"x2.3")	Plate	90kgs (198 lbs)	Resolute	1161-03-84-1	1161-03-84-2	1161-03-84-4	Ball Bearing	90mm (3-17/32")	23mm	Swivel 67mm Swivel W/Automatic locking 67mm
		90kgs (198 lbs)	E-conductive	1161-03-85-1	1161-03-85-2	1161-03-85-4				
		90kgs (198 lbs)	TPR on PP Core	1161-03-86-1	1161-03-86-2	1161-03-86-4				
	Threaded Stem	90kgs (198 lbs)	Resolute	-	1161-03-84-2	1161-03-84-4		82mm (3-7/32")		
		90kgs (198 lbs)	E-conductive	-	1161-03-85-2	1161-03-85-4				
		90kgs (198 lbs)	TPR on PP Core	-	1161-03-86-2	1161-03-86-4				
Width of Tread 100mmx18mm (4"x0.7") / Caster width 100mmx82mm (4"x3.2")	Plate	100kgs (220 lbs)	Resolute	1161-04-84-1	1161-04-84-2	1161-04-84-4	Ball Bearing	123mm (4-27/32")	32mm	Swivel 91mm Swivel W/Automatic locking 91mm
		100kgs (220 lbs)	E-conductive	1161-04-85-1	1161-04-85-2	1161-04-85-4				
		100kgs (220 lbs)	TPR on PP Core	1161-04-86-1	1161-04-86-2	1161-04-86-4				
	Threaded Stem	100kgs (220 lbs)	Resolute	-	1161-04-84-2	1161-04-84-4		121mm (4-3/4")		
		100kgs (220 lbs)	E-conductive	-	1161-04-85-2	1161-04-85-4				
		100kgs (220 lbs)	TPR on PP Core	-	1161-04-86-2	1161-04-86-4				
Width of Tread 125mmx18mm (5"x0.7") / Caster width 125mmx84.5mm (5"x3.3")	Plate	110kgs (242 lbs)	Resolute	1161-05-84-1	1161-05-84-2	1161-05-84-4	Ball Bearing	147mm (5-25/32")	40mm	Swivel 110mm Swivel W/Automatic locking 110mm
		110kgs (242 lbs)	E-conductive	1161-05-85-1	1161-05-85-2	1161-05-85-4				
		110kgs (242 lbs)	TPR on PP Core	1161-05-86-1	1161-05-86-2	1161-05-86-4				
	Threaded Stem	110kgs (242 lbs)	Resolute	-	1161-05-84-2	1161-05-84-4		145mm (5-23/32")		
		110kgs (242 lbs)	E-conductive	-	1161-05-85-2	1161-05-85-4				
		110kgs (242 lbs)	TPR on PP Core	-	1161-05-86-2	1161-05-86-4				

1110-YOYO Series

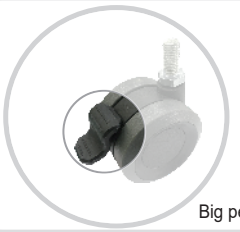
YOYO Series-Light Duty Twin Wheel Caster (All Plastic)

- Large caster width provide stability with soft PVC tread for quite operation. Customed exterior design provide great aesthetic value. Two types of brake pedals, big and small to choose from. Easy to maneuver.

Load
45-100kg



Features



Big pedal

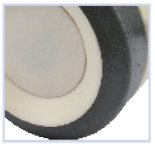


Small pedal



Two different colors
to choose from

Wheel Options



PVC on PP Core

TOP PLATE SIZE AND BOLT HOLE SPACING

Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
42X42mm	32X32mm	M4/M5
60X60mm	39X39mm / 46X46mm	M6
69X96mm	45X75mm	M8

CYLINDRICAL STEM SPECIFICATION

Diameter x Length	Hole Height	Bore Size
11X22mm	–	Grip Ring
11X31.8mm	–	Grip Ring
11X38mm	–	Grip Ring
11X50mm	–	Grip Ring

THREADED STEM SPECIFICATION

M8X15mm (With Flange)	M8X25mm	M10X15mm	M10X19mm
M10X25mm	M12X25mm	1/2-12UNCX25mm	1/2-13UNCX25mm
3/8-16UNCX25mm			

Diameter×Width	Specification	Load	Material	Item No.		Bearing	Overall Height	Offset	Swivel radius
				Swivel	Center Brake				
Width of Tread 65mm x 14.6mm (2.5" x 0.57") / Caster width 65mm x 59mm (2.5" x 2.3")	Plate	45kgs (110 lbs)	PVC on PP Core	1110-Y-25-113-2	1110-Y-25-113-4	—	81.5 mm	20 mm	Swivel 52.5mm Swivel W/Brake (Big pedal) 77mm Swivel W/Brake (Small pedal) 68.5mm
	Threaded Stem	45kgs (110 lbs)	PVC on PP Core	1110-Y-25-113-2	1110-Y-25-113-4		75 mm		
	Cylindrical Stem	45kgs (110 lbs)	PVC on PP Core	1110-Y-25-113-2(1)	1110-Y-25-113-4(1)		72 mm		
				1110-Y-25-113-2	1110-Y-25-113-4		79 mm		
Width of Tread 73mm x 16.3mm (3" x 0.64") / Caster width 73mm x 63mm (3" x 2.48")	Plate	45kgs (110 lbs)	PVC on PP Core	1110-Y-03-113-2	1110-Y-03-113-4	—	90 mm	24.5 mm	Swivel 61mm Swivel W/Brake (Big pedal) 85mm Swivel W/Brake (Small pedal) 77mm
	Threaded Stem	45kgs (110 lbs)	PVC on PP Core	1110-Y-03-113-2	1110-Y-03-113-4		83 mm		
	Cylindrical Stem	45kgs (110 lbs)	PVC on PP Core	1110-Y-03-113-2(1)	1110-Y-03-113-4(1)		80 mm		
				1110-Y-03-113-2	1110-Y-03-113-4		87 mm		
Width of Tread 100mm x 18mm (4" x 0.71") / Caster width 100mm x 72mm (4" x 2.83")	Plate	100kgs (220 lbs)	PVC on PP Core	1110-Y-04-113-2	1110-Y-04-113-4	Precision Ball Bearing	115 mm	32 mm	Swivel 82mm Swivel W/Brake (Big pedal) 105mm Swivel W/Brake (Small pedal) 99mm
	Threaded Stem	100kgs (220 lbs)	PVC on PP Core	1110-Y-04-113-2	1110-Y-04-113-4		108.5 mm		
	Cylindrical Stem	100kgs (220 lbs)	PVC on PP Core	1110-Y-04-113-2(1)	1110-Y-04-113-4(1)		105.5 mm		
				1110-Y-04-113-2	1110-Y-04-113-4		113 mm		



1110-1 Series Furniture Caster



Please consult factory for more detail specifications.

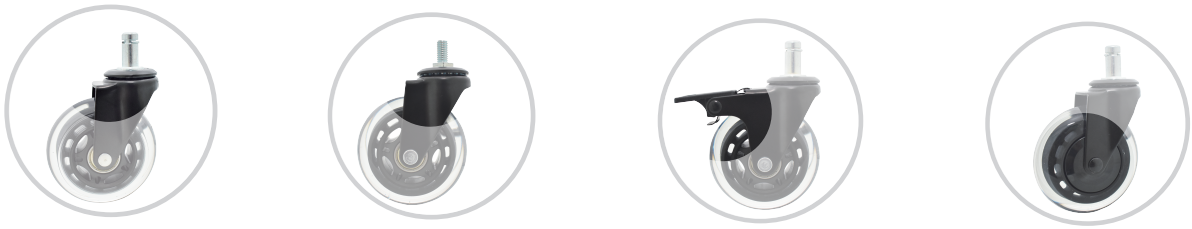
1110-2 Series Caster For Furniture

- Pressed steel caster horn/housing designed to swivel easily under load. Good performance center brake that lock the wheel securely. Equipped with high resilient Polyurethane wheel with hardness rated at 80±5 Shore A, these casters are mainly used on the office chair and other office equipments. These casters enable the chair/equipments glide smoothly on various floor surfaces.

Load
30 - 50 kg



Features



Cylndrical | Threaded | Center Brake | Thread Guard (optinal)



Various Color Available

Application

Apply to various floor surfaces



Wood Floor | Epoxy Floor | Carpets | Concrete Floor | Marble Floor | Tile Floor

- Swivel easily under load
- Quiet Rolling
- Smooth and easy rolling
- Apply to various floor surfaces
- The wheel comes in six colors.
- Center Lock Brake also avaiable.



Wheel Options



PU Wheel (Black) | PU Wheel (Grey) | PU Wheel (White) | PU Wheel (Blue) | PU Wheel (Red) | PU Wheel (Pink)

Ball Bearing

CYLINDRICAL STEM SPECIFICATION

Suffix	Diameter x Length	Hole Height	Bore Size
2", 2.5", 3"	11 x 22 mm	—	Grip Ring

THREADED STEM SPECIFICATION

Suffix	Threaded Size
2", 2.5", 3"	M8 x 15 mm

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
48mm x 23.5mm (1-7/8" x 7/8")	30 kgs (66 lbs)	PU Wheel(Black)	-	1110-2-02-116-2-BK	1110-2-02-116-3-BK	Ball Bearing	Total height (Threaded stem) 68 mm Total height (Cylindrical stem) 65 mm	Swivel 44 mm Swivel W/Side Brake 72 mm
		PU Wheel(Grey)	-	1110-2-02-116-2-G	1110-2-02-116-3-G			
		PU Wheel(White)	-	1110-2-02-116-2-W	1110-2-02-116-3-W			
		PU Wheel(Blue)	-	1110-2-02-116-2-BL	1110-2-02-116-3-BL			
		PU Wheel(Red)	-	1110-2-02-116-2-R	1110-2-02-116-3-R			
		PU Wheel(Pink)	-	1110-2-02-116-2-P	1110-2-02-116-3-P			
64mm x 23.5mm (2-1/2" x 7/8")	40 kgs (88 lbs)	PU Wheel(Black)	-	1110-2-25-116-2-BK	1110-2-25-116-3-BK	Ball Bearing	Total height (Threaded stem) 83 mm Total height (Cylindrical stem) 80 mm	Swivel 53 mm Swivel W/Side Brake 72 mm
		PU Wheel(Grey)	-	1110-2-25-116-2-G	1110-2-25-116-3-G			
		PU Wheel(White)	-	1110-2-25-116-2-W	1110-2-25-116-3-W			
		PU Wheel(Blue)	-	1110-2-25-116-2-BL	1110-2-25-116-3-BL			
		PU Wheel(Red)	-	1110-2-25-116-2-R	1110-2-25-116-3-R			
		PU Wheel(Pink)	-	1110-2-25-116-2-P	1110-2-25-116-3-P			
76mm x 23.5mm (3" x 7/8")	50 kgs (110 lbs)	PU Wheel(Black)	-	1110-2-03-116-2-BK	1110-2-03-116-3-BK	Ball Bearing	Total height (Threaded stem) 97 mm Total height (Cylindrical stem) 94 mm	Swivel 60 mm Swivel W/Side Brake 76 mm
		PU Wheel(Grey)	-	1110-2-03-116-2-G	1110-2-03-116-3-G			
		PU Wheel(White)	-	1110-2-03-116-2-W	1110-2-03-116-3-W			
		PU Wheel(Blue)	-	1110-2-03-116-2-BL	1110-2-03-116-3-BL			
		PU Wheel(Red)	-	1110-2-03-116-2-R	1110-2-03-116-3-R			
		PU Wheel(Pink)	-	1110-2-03-116-2-P	1110-2-03-116-3-P			



1110-TW-O Series

Light Duty Wire & Shelving/Display (Octagon Raceway) (Taiwan)

- Light-duty, economical choice, for display racks, etc.





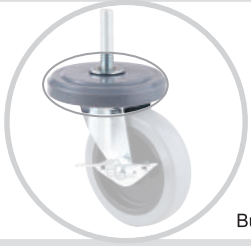


Load
35-90 kg

Features



Axle Lock Brake



Bumper



Octagon Raceway

Wheel Options



PU on PP Core



TPR on PP Core



Rubber



PVC on PP Core



Resolute



PP



PU



Ball Bearing



Plain Ball Bearing

CYLINDRICAL STEM SPECIFICATION

Suffix	Diameter x Length	Suffix	Diameter x Length
1	11X22mm (7/16"diameter X 7/8")	2	11X38mm (7/16"diameter X 1-1/2")

THREADED STEM SPECIFICATION

Suffix	Threaded Size	Suffix	Threaded Size	Suffix	Threaded Size
1	3/8-16UNCx25	2	3/8-16UNCx32	3	3/8-16UNCx40
4	7/16-14UNCx57	5	1/2-12UNCx25	6	1/2-12UNCx40
7	1/2-13UNCx25	8	1/2-13UNCx40		

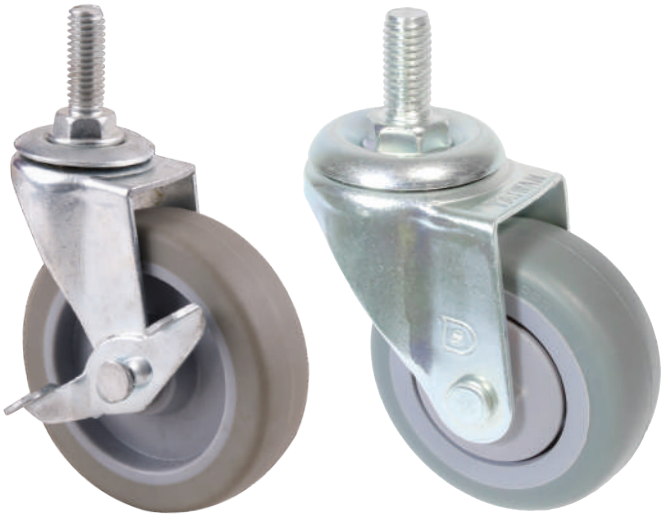
Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
62 mmx25 mm (2-1/2"x1")	35 kgs (77 lbs)	Resolute	–	1110-O-25-68-2	1110-O-25-68-4	Plain Bearing	84 mm (3-1/4")	Swivel 60mm Swivel W/Side Brake 64.5mm
75mmx21mm (3"x7/8")	50 kgs (110 lbs)	PU on PP Core	–	1110-O-03-31-2	1110-O-03-31-4	Plain Bearing	94 mm (3-11/16")	Swivel 66.5mm Swivel W/Side Brake 66.5mm
	50 kgs (110 lbs)	Rubber	–	1110-O-03-06-2	1110-O-03-06-4			
75mmx24mm (3"x15/16")	60 kgs (130 lbs)	PU	--	1110-O-03-88-2	–	Ball Bearing	94 mm (3-11/16")	Swivel 66.5mm
75mmx25 mm (3"x1")	70 kgs (155 lbs)	PVC on PP Core	–	1110-O-03-27-2	1110-O-03-27-4	Plain Bearing	94 mm (3-11/16")	Swivel 66.5mm Swivel W/Side Brake 66.5mm
	60 kgs (130 lbs)	Rubber	–	1110-O-03-06-2	1110-O-03-06-4			
	70 kgs (155 lbs)	TPR on PP Core	–	1110-O-03-75-2	1110-O-03-75-4			
	70 kgs (155 lbs)	PP	–	1110-O-03-29-2	1110-O-03-29-4			
	70 kgs (155 lbs)	TPR on PP Core	–	1110-O-03-75-2	–	Ball Bearing		Swivel 66.5mm
100mmx24mm (4"x15/16")	70 kgs (155 lbs)	PU	--	1110-O-04-88-2	–	Ball Bearing	117 mm (4-3/5")	Swivel 81mm
100mm×25mm (4"×1")	70 kgs (155 lbs)	PU on PP Core	–	1110-O-04-31-2	1110-O-04-31-4	Plain Bearing	117 mm (4-3/5")	Swivel 81mm Swivel W/Side Brake 81mm
	70 kgs (155 lbs)	TPR on PP Core	–	1110-O-04-75-2	1110-O-04-75-4			
	70 kgs (155 lbs)	Rubber	–	1110-O-04-06-2	1110-O-04-06-4			
	90 kgs (198 lbs)	PP	–	1110-O-04-29-2	1110-O-04-29-4			
	70 kgs (155 lbs)	TPR on PP Core	–	1110-O-04-75-2	–	Ball Bearing		Swivel 81mm
125mm×25mm (5"×1")	90 kgs (198 lbs)	PU on PP Core	–	1110-O-05-31-2	1110-O-05-31-4	Plain Bearing	142 mm (5-3/5")	Swivel 94.5mm Swivel W/Side Brake 94.5mm
	80 kgs (176 lbs)	TPR on PP Core	–	1110-O-05-75-2	1110-O-05-75-4			
	90 kgs (198 lbs)	Rubber	–	1110-O-05-06-2	1110-O-05-06-4			

1110-TW-R Series

Light Duty Wire & Shelving/Display (Round Raceway) (Taiwan)

- Light-duty, economical choice, for display racks, etc.

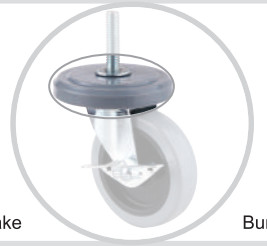
Load
35-90 kg



Features



Axle Lock Brake



Bumper

Wheel Options



PU on PP Core



TPR on PP Core



Rubber



PVC on PP Core



Resolute



PP



PU



Ball Bearing



Plain Ball Bearing

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	70 x 58 mm (2-3/4" x 2-1/4")	55.5 x 39.5 mm(2-3/16" x 1-9/16")	6.35 mm (1/4")
2	96 x 69 mm (3-3/4" x 2-11/16")	75 x 52 mm / 72 x 45 mm(3" x 1-3/4")	6.35 mm (1/4")

CYLINDRICAL STEM SPECIFICATION

Suffix	Diameter x Length	Suffix	Diameter x Length
1	11X22mm (7/16"diameter X 7/8")	2	11X38mm (7/16"diameter X 1-1/2")

THREADED STEM SPECIFICATION

Suffix	Threaded Size	Suffix	Threaded Size	Suffix	Threaded Size
1	3/8-16UNCx25	2	3/8-16UNCx40	3	1/2-12UNCx25
4	1/2-12UNCx38	5	1/2-12UNCx40	6	1/2-13UNCx25
7	1/2-13UNCx40				

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
62 mmx25 mm (2-1/2"x1")	35 kgs (77 lbs)	Resolute	–	1110-R-25-68-2	1110-R-25-68-4	Plain Bearing	87 mm (3-7/16")	Swivel 60mm Swivel W/Side Brake 64.5mm
75mmx21mm (3"x7/8")	50 kgs (110 lbs)	PU on PP Core	–	1110-R-03-31-2	1110-R-03-31-4	Plain Bearing	97 mm (3-13/16")	Swivel 66.5mm Swivel W/Side Brake 66.5mm
	50 kgs (110 lbs)	Rubber	–	1110-R-03-06-2	1110-R-03-06-4			
75mmx24mm (3"x15/16")	60 kgs (130 lbs)	PU	–	1110-R-03-88-2	–	Ball Bearing	97 mm (3-13/16")	Swivel 66.5mm
75mmx25 mm (3"x1")	70 kgs (155 lbs)	PVC on PP Core	–	1110-R-03-27-2	1110-R-03-27-4	Plain Bearing	97 mm (3-13/16")	Swivel 66.5mm Swivel W/Side Brake 66.5mm
	60 kgs (130 lbs)	Rubber	–	1110-R-03-06-2	1110-R-03-06-4			
	70 kgs (155 lbs)	TPR on PP Core	–	1110-R-03-75-2	1110-R-03-75-4			
	70 kgs (155 lbs)	PP	–	1110-R-03-29-2	1110-R-03-29-4			
	70 kgs (155 lbs)	TPR on PP Core	–	1110-R-03-75-2	–	Ball Bearing		Swivel 66.5mm
100mmx24mm (4"x15/16")	70 kgs (155 lbs)	PU	–	1110-R-04-88-2	–	Ball Bearing	120 mm (4-11/16")	Swivel 81mm
100mm×25mm (4"×1")	70 kgs (155 lbs)	PU on PP Core	–	1110-R-04-31-2	1110-R-04-31-4	Plain Bearing	120 mm (4-11/16")	Swivel 81mm Swivel W/Side Brake 81mm
	70 kgs (155 lbs)	TPR on PP Core	–	1110-R-04-75-2	1110-R-04-75-4			
	70 kgs (155 lbs)	Rubber	–	1110-R-04-06-2	1110-R-04-06-4			
	90 kgs (198 lbs)	PP	–	1110-R-04-29-2	1110-R-04-29-4			
	70 kgs (155 lbs)	TPR on PP Core	–	1110-R-04-75-2	–	Ball Bearing		Swivel 81mm
125mm×25mm (5"×1")	90 kgs (198 lbs)	PU on PP Core	–	1110-R-05-31-2	1110-R-05-31-4	Plain Bearing	145 mm (5-3/4")	Swivel 94.5mm Swivel W/Side Brake 94.5mm
	80 kgs (176 lbs)	TPR on PP Core	–	1110-R-05-75-2	1110-R-05-75-4			
	90 kgs (198 lbs)	Rubber	–	1110-R-05-06-2	1110-R-05-06-4			

1118 Series Caster Iron Fork Caster

- Can be used in a wide range of working temperature. Good resistance to corrosion and wheel wear-out.

Load
70-90 kg





TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
2"	57 x 72 mm (2-1/4"x 2-13/16")	40 x 55 mm (1-9/16"x 2-3/16")	8 mm (5/16")
3"	84 x 84 mm (3-1/3"x 3-1/3")	64 x 64 mm (2-1/2"x 2-1/2")	8 mm (5/16")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
50mm×21mm (2"×7/8")	70 kgs (155 lbs)	Cast Iron	–	1118-02-14-2	--	Plain Bearing	74mm (2-7/8")	Swivel 46mm
75mm×21mm (3"×7/8")	90 kgs (198 lbs)	Cast Iron	1118-03-14-1	1118-03-14-2	--	Ball Bearing	94mm (3-3/4")	Swivel 56mm

1120 Series Single Raceway, Light Duty Caster (Japanese Style)

- Light-duty, economical choice, for display racks, etc.

Load
20-40 kg



Wheel Options


Nylon


Rubber


PP


TPR on PP Core


Plain Bearing


Ball Bearing

SWIVEL TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1-1/2"	38 x 46mm (1-1/2" x 1-13/16")	28 x 36mm (1-1/8" x 1-1/2")	5mm (1/5")
2"	47 x 59mm (1-7/8" x 2-1/3")	35 x 46mm (1-3/8" x 1-13/16")	6mm (3/16")
2-1/2"	57 x 70mm (2-1/4" x 2-3/4")	42 x 55mm (1-5/8" x 2-3/16")	8mm (5/16")
3"	57 x 70mm (2-1/4" x 2-3/4")	42 x 55mm (1-5/8" x 2-3/16")	8mm (5/16")

RIGID TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1-1/2"	26 x 46mm (1" x 1-13/16")	15 x 36mm (3/5" x 1-7/16")	5mm (1/5")
2"	40 x 58mm (1 x 9/16" x 2-7/15")	25 x 45mm (1" x 1-3/4")	6mm (3/16")
2-1/2"	46 x 70mm (1-13/16" x 2-3/4")	28 x 55mm (1-1/8" x 2-3/16")	8mm (5/16")
3"	46 x 70mm (1-13/16" x 2-3/4")	28 x 55mm (1-1/8" x 2-3/16")	8mm (5/16")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
38mm x 16mm (1-1/2" x 5/8")	20 kgs (44 lbs)	PP	1120-15-29-1	1120-15-29-2	--	Plain Bearing	49mm (2")	Swivel 35mm
	20 kgs (44 lbs)	Rubber	1120-15-06-1	1120-15-06-2	--			
	25 kgs (55 lbs)	Nylon	1120-15-07-1	1120-15-07-2	--			
50mm x 20mm (2" x 13/16")	35 kgs (77 lbs)	TPR on PP Core	1120-02-94-1	1120-02-94-2	--	Ball Bearing	65mm (2-9/16")	Swivel 49mm
50mm x 22mm (2" x 7/8")	25 kgs (55 lbs)	PP	1120-02-29-1	1120-02-29-2	--	Plain Bearing	65mm (2-9/16")	Swivel 49mm
	30 kgs (66 lbs)	Nylon	1120-02-07-1	1120-02-07-2	--			
	25 kgs (55 lbs)	Rubber	1120-02-06-1	1120-02-06-2	--			
	35 kgs (77 lbs)	Resolute wheel	1120-02-68-1	1120-02-68-2	--			
63mm x 25mm (2-1/2" x 1")	30 kgs (66 lbs)	PP	1120-25-29-1	1120-25-29-2	--	Plain Bearing	80mm (3-1/8")	Swivel 52mm
	35 kgs (77 lbs)	Nylon	1120-25-07-1	1120-25-07-2	--			
75mm x 25mm (3" x 1")	35 kgs (77 lbs)	PP	1120-03-29-1	1120-03-29-2	--	Plain Bearing	90.5mm (3-9/16")	Swivel 59mm
	40 kgs (88 lbs)	Nylon	1120-03-07-1	1120-03-07-2	--			

1121 Series

Double Raceway, Light Duty Caster (Japanese Style)

- Light-duty, economical choice, for display racks, etc.

Load
25-90 kg







Features

Wheel Options



Axle Lock Brake



Total Lock



Nylon



PP



Rubber



TPR on PP Core



Plain Bearing

TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1-1/2"	31 x 51mm (1-7/32" x 2")	20 x 40mm (13/16" x 1-9/16")	5mm (3/16")
2"	42 x 70mm (1-5/8" x 2-3/4")	28 x 56mm (1-1/8" x 2-3/16")	6mm (7/32")
2-1/2"	42 x 70mm (1-5/8" x 2-3/4")	28 x 56mm (1-1/8" x 2-3/16")	6mm (7/32")
3"	42 x 70mm (1-5/8" x 2-3/4")	28 x 56mm (1-1/8" x 2-3/16")	6mm (7/32")
4"	58 x 100mm (2-9/32" x 3-15/16")	40 x 82mm (1-9/16" x 3-7/32")	8mm (5/16")
5"	58 x 100mm (2-9/32" x 3-15/16")	40 x 82mm (1-9/16" x 3-7/32")	8mm (5/16")

THREADED STEM SPECIFICATION

Suffix	Threaded Size	Suffix	Threaded Size	Suffix	Threaded Size
1-1/2"~3" casters	M8 x 15mm	1-1/2"~3" casters	3/8-16UNC x 19mm	1-1/2"~3" casters	M10 x 15mm
1-1/2"~3" casters	M10 x 25mm	4"~5"	M12 x 29mm		

CYLINDRICAL STEM SPECIFICATION

Suffix	Diameter x Length	Hole Height	Bore Size
1-1/2"~3" casters	11X22mm	—	Grip Ring

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
38mm x 22mm (1-1/2" x 7/8")	30 kgs (66 lbs)	Nylon	1121-15-07-1	1121-15-07-2	1121-15-07-4	Plain Bearing	58mm (2-5/16")	Swivel 39mm Swivel W/Side Brake 45mm
	25 kgs (55 lbs)	Rubber	1121-15-06-1	1121-15-06-2	1121-15-06-4			
	25 kgs (55 lbs)	PP	1121-15-29-1	1121-15-29-2	1121-15-29-4			
50mm x 20mm (2" x 13/16")	35 kgs (77 lbs)	TPR on PP Core	1121-02-94-1	1121-02-94-2	1121-02-94-4	Ball Bearing	65mm (2-9/16")	Swivel 50mm Swivel W/Side Brake 51mm
50mm x 22mm (2" x 7/8")	40 kgs (88 lbs)	Nylon	1121-02-07-1	1121-02-07-2	1121-02-07-4	Plain Bearing	65mm (2-9/16")	Swivel 50mm Swivel W/Side Brake 51mm
	35 kgs (77 lbs)	Rubber	1121-02-06-1	1121-02-06-2	1121-02-06-4			
	35 kgs (77 lbs)	PP	1121-02-29-1	1121-02-29-2	1121-02-29-4			
	35 kgs (77 lbs)	Resolute wheel	1121-02-68-1	1121-02-68-2	1121-02-68-4			
63mm x 22mm (2-1/2" x 7/8")	40 kgs(88 lbs)	Rubber	1121-25-06-1	1121-25-06-2	1121-25-06-4	Plain Bearing	82mm (3-7/32")	Swivel 64mm Swivel W/Side Brake 64mm
75mm x 22mm (3" x 7/8")	50 kgs (110 lbs)	Rubber	1121-03-06-1	1121-03-06-2	1121-03-06-4	Plain Bearing	93.5mm (3-5/8")	Swivel 72mm Swivel W/Side Brake 72mm
100mm x 25mm (4" x 1")	70 kgs (154 lbs)	Rubber	1121-04-06-1	1121-04-06-2	1121-04-06-4	Plain Bearing	126mm (5")	Swivel 83mm Swivel W/Side Brake 83mm Total lock 106mm
125mm x 25mm (5" x 1")	90 kgs (198 lbs)	Rubber	1121-05-06-1	1121-05-06-2	1121-05-06-4	Plain Bearing	149mm (5-7/8")	Swivel 101mm Swivel W/Side Brake 101mm Total lock 106mm

1126 Series

Light Duty General Purposes Caster (European Style)

- Light-medium duty, for various logistic equipments. Special yoke design with easy swivel.

Load
70 -120 kg





Wheel Options





TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	85 x 105 mm (3-5/16"x 4-1/8")	60 x 80 mm 2-3/8"x 3-1/8"(European Plate)	8 mm (5/16")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100mmx32mm (4"x1-1/4")	100kgs (220lbs)	PU on PP Core	1126-04-31-1	1126-04-31-2	--	Ball Bearing	128mm (5-1/16")	Swivel 90mm
	100kgs (220lbs)	TPR on PP Core	1126-04-75-1	1126-04-75-2	--	Plain Bearing		
	100kgs (220lbs)	Resolute	1126-04-68-1	1126-04-68-2	--			
	80kgs (176lbs)	E-Conductive	1126-04-17-1	1126-04-17-2	--			
	100kgs (220lbs)	WMRC	1126-04-45-1	1126-04-45-2	--			
	100kgs (220lbs)	WPP	1126-04-46-1	1126-04-46-2	--			
	100kgs (220lbs)	WPPR	1126-04-47-1	1126-04-47-2	--			
	100kgs (220lbs)	W Resolute	1126-04-48-1	1126-04-48-2	--			
	100kgs (220lbs)	WHDR	1126-04-66-1	1126-04-66-2	--			
	100kgs (220lbs)	Rubber on Aluminum Core	1126-04-22-1	1126-04-22-2	--			
	120kgs (264lbs)	QPU on AL Core	1126-04-87-1	1126-04-87-2	--			
	70kgs (154lbs)	NPPR	1126-04-67-1	1126-04-67-2	--	Plain Bearing		
	100kgs (220lbs)	Nylon	1126-04-07-1	1126-04-07-2	--			
	80kgs (176lbs)	Rubber	1126 -04-06-1	1126-04-06-2	--			
	90kgs (198lbs)	PP	1126-04-29-1	1126-04-29-2	--			
	100kgs (220lbs)	Hi-temp	1126-04-25-1	1126-04-25-2	--			
100mmx36mm (4"x1-1/2")	100 kgs (220 lbs)	CPD	1126-04-71-1	1126-04-71-2	--	Ball Bearing	128mm (5-1/16")	Swivel 90mm
	100 kgs (220 lbs)	Blue Resilient Rubber Wheel	1126-04-50-1	1126-04-50-2	--			
	120kgs (264lbs)	TPR on PP Core	1126-04-77-1	1126-04-77-2	--			
	120kgs (264lbs)	Resolute	1126-04-76-1	1126-04-76-2	--			
	120kgs (264lbs)	QPU on AL Core	1126-04-87-1	1126-04-87-2	--			
125mmx32mm (5"x1-1/4")	120kgs (264lbs)	PU on PP Core	1126-05-31-1	1126-05-31-2	--	Ball Bearing	149.5mm (5-15/16")	Swivel 91mm
	110kgs (240lbs)	TPR on PP Core	1126-05-75-1	1126-05-75-2	--	Plain Bearing		
	120kgs (264lbs)	Resolute	1126-05-68-1	1126-05-68-2	--			
	90kgs (198lbs)	E-Conductive	1126-05-17-1	1126-05-17-2	--			
	120kgs (264lbs)	WMRC	1126-05-45-1	1126-05-45-2	--			
	120kgs (264lbs)	WPP	1126-05-46-1	1126-05-46-2	--			
	110kgs (240lbs)	WPPR	1126-05-47-1	1126-05-47-2	--			
	120kgs (264lbs)	W Resolute	1126-05-48-1	1126-05-48-2	--			
	120kgs (264lbs)	WHDR	1126-05-66-1	1126-05-66-2	--			
	120kgs (264lbs)	QPU on AL Core	1126-05-87-1	1126-05-87-2	--			
	120kgs (264lbs)	Nylon	1126-05-07-1	1126-05-07-2	--	Plain Bearing		
	90kgs (198lbs)	Rubber	1126-05-06-1	1126-05-06-2	--			
	100kgs (220lbs)	PP	1126-05-29-1	1126-05-29-2	--			
125mmx36mm (5"x1-1/2")	120kgs (264 lbs)	CPD	1126-05-71-1	1126-05-71-2	--	Ball Bearing	149.5mm (5-15/16")	Swivel 91mm
	120kgs (264 lbs)	Blue Resilient Rubber Wheel	1126-05-50-1	1126-05-50-2	--			
	120kgs (264 lbs)	TPR on PP Core	1126-05-77-1	1126-05-77-2	--			
	120kgs (264 lbs)	Resolute	1126-05-76-1	1126-05-76-2	--			

1154-CN-O Series

Light Duty Wire & Shelving/Display (Octagon Raceway) (China)

- Light-duty, economical choice, for display racks, etc.

Load
35-90 kg

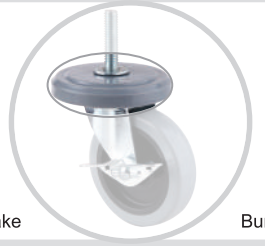




Features



Axle Lock Brake



Bumper



Octagon Raceway

Wheel Options



PU on PP Core



TPR on PP Core



Rubber



PVC on PP Core



Resolute



PP



PU



Ball Bearing



Plain Ball Bearing

THREADED STEM SPECIFICATION

Suffix	Threaded Size
3" 4" 5"	5/16 x 19mm

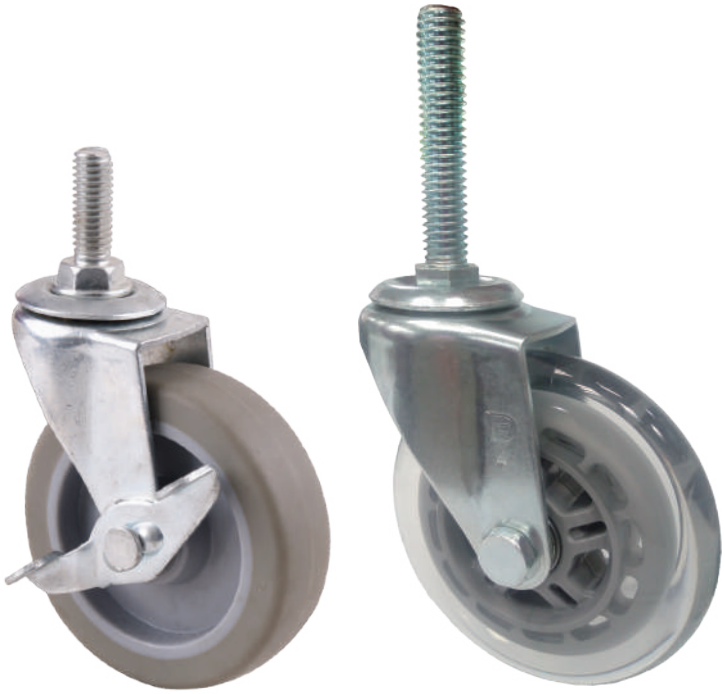
Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
75mmx21mm (3"x7/8")	50 kgs (110 lbs)	PU on PP Core	–	1154-O-03-31-2	1154-O-03-31-4	Plain Bearing	93 mm (3-11/16")	Swivel 68mm Swivel W/Side Brake 68mm
	50 kgs (110 lbs)	Rubber	–	1154-O-03-06-2	1154-O-03-06-4			
75mmx24mm (3"x15/16")	60 kgs (130 lbs)	**PU**	–	1154-O-03-88-2	–	Ball Bearing	93 mm (3-11/16")	Swivel 68mm
75mmx25 mm (3"x1")	70 kgs (155 lbs)	PVC on PP Core	–	1154-O-03-27-2	1154-O-03-27-4	Plain Bearing	93 mm (3-11/16")	Swivel 68mm Swivel W/Side Brake 68mm
	60 kgs (130 lbs)	Rubber	–	1154-O-03-06-2	1154-O-03-06-4			
	70 kgs (155 lbs)	TPR on PP Core	–	1154-O-03-75-2	1154-O-03-75-4			
	70 kgs (155 lbs)	PP	–	1154-O-03-29-2	1154-O-03-29-4			
100mmx24mm (4"x15/16")	70 kgs (155 lbs)	**PU**	–	1154-O-04-88-2	–	Ball Bearing	116 mm (4-3/5")	Swivel 81mm
100mm×25mm (4"×1")	70 kgs (155 lbs)	PU on PP Core	–	1154-O-04-31-2	1154-O-04-31-4	Plain Bearing	116 mm (4-3/5")	Swivel 81mm Swivel W/Side Brake 81mm
	70 kgs (155 lbs)	TPR on PP Core	–	1154-O-04-75-2	1154-O-04-75-4			
	70 kgs (155 lbs)	Rubber	–	1154-O-04-06-2	1154-O-04-06-4			
	90 kgs (198 lbs)	PP	–	1154-O-04-29-2	1154-O-04-29-4			
125mmx25mm (5"x1")	90 kgs (198 lbs)	PU on PP Core	–	1154-O-05-31-2	1154-O-05-31-4	Plain Bearing	142 mm (5-3/5")	Swivel 93mm Swivel W/Side Brake 93mm
	80 kgs (176 lbs)	TPR on PP Core	–	1154-O-05-75-2	1154-O-05-75-4			
	90 kgs (198 lbs)	Rubber	–	1154-O-05-06-2	1154-O-05-06-4			

1154-CN-R Series

Light Duty Wire & Shelving/Display (Round Raceway) (China)

- Light-duty, economical choice, for display racks, etc.

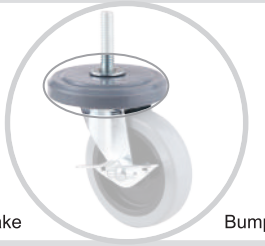
Load
35-90 kg



Features



Axle Lock Brake



Bumper

Wheel Options



PU on PP Core | TPR on PP Core | Rubber | PVC on PP Core | Resolute | PP | PU



Ball Bearing

Plain Ball Bearing

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
3" 4" 5"	58 x 70 mm (2-1/4" x 2-3/4")	40 x 50 mm(1-9/16" x 2-3/16")	8 mm (5/16")
3" 4" 5"	62 x 92 mm (2-3/8" x 3-5/8")	45 x 75 mm(1-3/4" x 3")	6.35 mm (1/4")

CYLINDRICAL STEM SPECIFICATION

Suffix	Diameter x Length	Hole Height	Bore Size
3" 4" 5"	11 x 38mm	–	Grip Ring

THREADED STEM SPECIFICATION

Suffix	Threaded Size	Suffix	Threaded Size	Suffix	Threaded Size
3" 4" 5"	3/8-16UNC x 32mm	3" 4" 5"	M10 x 25mm	3" 4" 5"	M12 x 25mm
3" 4" 5"	1/2-12UNC x 38mm				

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
75mmx21mm (3"x7/8")	50 kgs (110 lbs)	PU on PP Core	–	1154-R-03-31-2	1154-R-03-31-4	Plain Bearing	97 mm (3-13/16")	Swivel 68mm Swivel W/Side Brake 68mm
	50 kgs (110 lbs)	Rubber	–	1154-R-03-06-2	1154-R-03-06-4			
75mmx24mm (3"x15/16")	60 kgs (130 lbs)	**PU**	–	1154-R-03-88-2	–	Ball Bearing	97 mm (3-13/16")	Swivel 68mm
75mmx25 mm (3"x1")	70 kgs (155 lbs)	PVC on PP Core	–	1154-R-03-27-2	1154-R-03-27-4	Plain Bearing	97 mm (3-13/16")	Swivel 68mm Swivel W/Side Brake 68mm
	60 kgs (130 lbs)	Rubber	–	1154-R-03-06-2	1154-R-03-06-4			
	70 kgs (155 lbs)	TPR on PP Core	–	1154-R-03-75-2	1154-R-03-75-4			
	70 kgs (155 lbs)	PP	–	1154-R-03-29-2	1154-R-03-29-4			
100mmx24mm (4"x15/16")	70 kgs (155 lbs)	**PU**	–	1154-R-04-88-2	–	Ball Bearing	120 mm (4-11/16")	Swivel 81mm
100mm×25mm (4"×1")	70 kgs (155 lbs)	PU on PP Core	--	1154-R-04-31-2	1154-R-04-31-4	Plain Bearing	120 mm (4-11/16")	Swivel 81mm Swivel W/Side Brake 81mm
	70 kgs (155 lbs)	TPR on PP Core	--	1154-R-04-75-2	1154-R-04-75-4			
	70 kgs (155 lbs)	Rubber	--	1154-R-04-06-2	1154-R-04-06-4			
	90 kgs (198 lbs)	PP	–	1154-R-04-29-2	1154-R-04-29-4			
125mmx25mm (5"x1")	90 kgs (198 lbs)	PU on PP Core	–	1154-R-05-31-2	1154-R-05-31-4	Plain Bearing	146 mm (5-3/4")	Swivel 93mm Swivel W/Side Brake 93mm
	80 kgs (176 lbs)	TPR on PP Core	–	1154-R-05-75-2	1154-R-05-75-4			
	90 kgs (198 lbs)	Rubber	–	1154-R-05-06-2	1154-R-05-06-4			

1107 Series Institutional Caster

Load
30-55 kg

- Special yoke design to swivel easily. High performance total lock brake to be activated easily and effectively. Brake pedals are made of fibre-filled plastic with brake mechanism made of high tensile steel to ensure minimum distortion during the long service life.



Features



Total Lock Brake
with Dual Nylon Pedals



Ball Bearing



Plain Bearing

Wheel Options



TPR on PP Core



NPPR



Rubber



PP



Resolute Wheel

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	64 x 64mm (3" Caster Only) (2-1/2" x 2-1/2")	48 x 48mm (3" Casters only) (1-7/8" x 1-7/8")	(1/4") 6mm
2	75 x 65mm (2.5", 3" Caster Only) (3" x 2-9/16")	56 x 42mm (2.5", 3" Casters only) (2-3/16" x 1-5/8")	(5/16") 8mm
3	95 x 75mm (4" Caster Only) (3-3/4" x 3")	72.5 x 49.5mm (4" Casters only) (2-7/8" x 1-15/16")	(5/16") 8mm

CYLINDRICAL STEM SPECIFICATION

Suffix	Diameter x Length	Suffix	Diameter x Length
1	11 x 22mm (7/16" x 7/8")	2	11 x 38mm (7/16" x 1-1/2")

THREADED STEM SPECIFICATION

Suffix	Threaded Size	Suffix	Threaded Size
1	3/8-16UNC x 28mm	2	M12 x 28mm
3	1/2-12UNC x 28mm		

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
62.5 x 23.5mm (2-1/2" x 1")	30 kgs (66 lbs)	TPR on PP Core	1107-25-75-1	1107-25-75-2	1107-25-75-4	Plain Bearing	Plate version OAH 97mm(3-13/16") Threaded stem version OAH 98mm(3-7/8") Cylmdrical stem version OAH 98mm(3-13/16")	Swivel 66.5mm Swivel W/Brake 84.5mm
	36 kgs (79 lbs)	Resolute	1107-25-68-1	1107-25-68-2	1107-25-68-4			
	36 kgs (79 lbs)	TPR on PP Core	1107-25-75-1	1107-25-75-2	1107-25-75-4	Ball Bearing		
	40 kgs (88 lbs)	Resolute	1107-25-68-1	1107-25-68-2	1107-25-68-4			
75 x 24mm (3" x 1")	36 kgs (79 lbs)	TPR on PP Core	1107-03-75-1	1107-03-75-2	1107-03-75-4	Plain Bearing	Plate version OAH 107.5mm(4-1/4") Threaded stem version OAH 108.5mm(4-1/4") Cylmdrical stem version OAH 108.5mm(4-1/4")	
	40 kgs (88 lbs)	Resolute	1107-03-68-1	1107-03-68-2	1107-03-68-4			
	40 kgs (88 lbs)	TPR on PP Core	1107-03-75-1	1107-03-75-2	1107-03-75-4	Ball Bearing		
	50 kgs (110 lbs)	Resolute	1107-03-68-1	1107-03-68-2	1107-03-68-4			
100 x 24mm (4" x 1")	40 kgs (88 lbs)	NPPR	1107-04-75-1	1107-04-75-2	1107-04-75-4	Plain Bearing	Plate version OAH 137mm(5-3/8") Threaded stem version OAH 130mm(5-1/8") Cylmdrical stem version OAH 130.5mm(5-1/8")	
	50 kgs (110 lbs)	Resolute	1107-04-68-1	1107-04-68-2	1107-04-68-4			
	50 kgs (110 lbs)	Rubber	1107-04-06-1	1107-04-06-2	1107-04-06-4	Plain Bearing		
	55 kgs (121 lbs)	PP	1107-04-29-1	1107-04-29-2	1107-04-29-4			
	50 kgs (110 lbs)	TPR on PP Core	1107-04-75-1	1107-04-75-2	1107-04-75-4	Ball Bearing		
	55 kgs (121 lbs)	Resolute	1107-04-68-1	1107-04-68-2	1107-04-68-4			

1110-YOYO Series

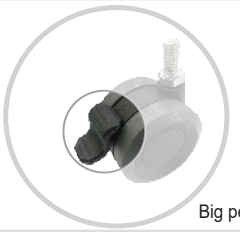
YOYO Series-Light Duty Twin Wheel Caster (All Plastic)

- Large caster width provide stability with soft PVC tread for quite operation. Customed exterior design provide great aesthetic value. Two types of brake pedals, big and small to choose from. Easy to maneuver.

Load
45-100kg



Features



Big pedal

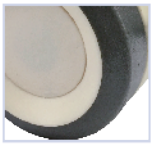


Small pedal



Two different colors
to choose from

Wheel Options



PVC on PP Core

TOP PLATE SIZE AND BOLT HOLE SPACING

Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
42X42mm	32X32mm	M4/M5
60X60mm	39X39mm / 46X46mm	M6
69X96mm	45X75mm	M8

CYLINDRICAL STEM SPECIFICATION

Diameter x Length	Hole Height	Bore Size
11X22mm	–	Grip Ring
11X31.8mm	–	Grip Ring
11X38mm	–	Grip Ring
11X50mm	–	Grip Ring

THREADED STEM SPECIFICATION

M8X15mm (With Flange)	M8X25mm	M10X15mm	M10X19mm
M10X25mm	M12X25mm	1/2-12UNCX25mm	1/2-13UNCX25mm
3/8-16UNCX25mm			

Diameter×Width	Specification	Load	Material	Item No.		Bearing	Overall Height	Offset	Swivel radius
				Swivel	Center Brake				
Width of Tread 65mm x 14.6mm (2.5" x 0.57") / Caster width 65mm x 59mm (2.5" x 2.3")	Plate	45kgs (110 lbs)	PVC on PP Core	1110-Y-25-113-2	1110-Y-25-113-4	—	81.5 mm	20 mm	Swivel 52.5mm Swivel W/Brake (Big pedal) 77mm Swivel W/Brake (Small pedal) 68.5mm
	Threaded Stem	45kgs (110 lbs)	PVC on PP Core	1110-Y-25-113-2	1110-Y-25-113-4		75 mm		
	Cylindrical Stem	45kgs (110 lbs)	PVC on PP Core	1110-Y-25-113-2(1)	1110-Y-25-113-4(1)		72 mm		
				1110-Y-25-113-2	1110-Y-25-113-4		79 mm		
Width of Tread 73mm x 16.3mm (3" x 0.64") / Caster width 73mm x 63mm (3" x 2.48")	Plate	45kgs (110 lbs)	PVC on PP Core	1110-Y-03-113-2	1110-Y-03-113-4	—	90 mm	24.5 mm	Swivel 61mm Swivel W/Brake (Big pedal) 85mm Swivel W/Brake (Small pedal) 77mm
	Threaded Stem	45kgs (110 lbs)	PVC on PP Core	1110-Y-03-113-2	1110-Y-03-113-4		83 mm		
	Cylindrical Stem	45kgs (110 lbs)	PVC on PP Core	1110-Y-03-113-2(1)	1110-Y-03-113-4(1)		80 mm		
				1110-Y-03-113-2	1110-Y-03-113-4		87 mm		
Width of Tread 100mm x 18mm (4" x 0.71") / Caster width 100mm x 72mm (4" x 2.83")	Plate	100kgs (220 lbs)	PVC on PP Core	1110-Y-04-113-2	1110-Y-04-113-4	Precision Ball Bearing	115 mm	32 mm	Swivel 82mm Swivel W/Brake (Big pedal) 105mm Swivel W/Brake (Small pedal) 99mm
	Threaded Stem	100kgs (220 lbs)	PVC on PP Core	1110-Y-04-113-2	1110-Y-04-113-4		108.5 mm		
	Cylindrical Stem	100kgs (220 lbs)	PVC on PP Core	1110-Y-04-113-2(1)	1110-Y-04-113-4(1)		105.5 mm		
				1110-Y-04-113-2	1110-Y-04-113-4		113 mm		



1116-SS-MJ Series

Medium Duty Stainless Steel Caster (Japanese Style)

- Stainless steel housing is of high temperature resistant and corrosion/rust resistant, ideal for textile industry, chemical industry, food processing industry and bakery.

Load
140-180kg







Features



Total Lock Brake



Swivel Dust Cover

Wheel Options



QPU on AL Core



Rubber on AL Core



Recilent rubber on AL Core



Nylon



W Resolute



Ball Bearing



Plain Bearing



Firecat wheel-H150

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	92 x 92 mm (3-5/8"x 3-5/8")	70 x 70 mm (2-3/4"x 2-3/4")	8mm (5/16")

1116-SS-MI Series

Medium Duty Institutional Stainless Steel Caster (American Style)

- Stainless steel housing is of high temperature resistant and corrosion/rust resistant, ideal for textile industry, chemical industry, food processing industry and bakery.

Load
90-150kg







Features



Total Lock Brake

Wheel Options



TPR on PP Core



Nylon



WMRC



TPR on PP Core



Ball Bearing



Plain Bearing



Hi-temp



NPPR



QPU on AL Core



High Temp Rubber Wheel



Firecat Wheel-H150



Blue Resilient Rubber Wheel

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	92 x 70 mm (3-5/8"x 2-3/4")	45 x 75 mm (1-3/4"x 3")	8mm (5/16")
2	92 x 70 mm (3-5/8"x 2-3/4")	54 x 72 mm (2-1/8"x 2-7/8")	8mm (5/16")

CYLINDRICAL STEM SPECIFICATION

Suffix	Diameter x Length	Bolt Hole Spacing	Attaching Bolt Size
1	21.6 x 56 mm (0.845 diameter x 2-3/16")	—	Grip Ring

THREADED STEM SPECIFICATION

Suffix	Threaded Size
1	1/2-12UNC x 28 mm
2	5/8-11UNC x 32 mm
3	M12-1.75 x 25 mm

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
75 mm x 32 mm (3" x 1-1/4")	90 kgs(198 lbs)	TPR on PP Core	1116-MI-03-75-1	1116-MI-03-75-2	1116-MI-03-75-4	Ball Bearing	112.5 mm (4-7/16")	Swivel 79.5mm Swivel W/Total Lock Brake 105.5mm
	90 kgs(198 lbs)	Resolute	1116-MI-03-68-1	1116-MI-03-68-2	1116-MI-03-68-4			
	90 kgs(198 lbs)	WPPR	1116-MI-03-47-1	1116-MI-03-47-2	1116-MI-03-47-4			
	110 kgs(250 lbs)	W Resolute	1116-MI-03-48-1	1116-MI-03-48-2	1116-MI-03-48-4			
	125 kgs(275 lbs)	QPU on AL Core	1116-MI-03-87-1	1116-MI-03-87-2	1116-MI-03-87-4			
	125 kgs(275 lbs)	WMRC	1116-MI-03-45-1	1116-MI-03-45-2	1116-MI-03-45-4			
	100 kgs(220 lbs)	Nylon	1116-MI-03-07-1	1116-MI-03-07-2	1116-MI-03-07-4	Plain Bearing		
80 mm x 30 mm (3-1/8" x 1-3/16")	100 kgs(220 lbs)	High Temp Rubber Wheel	1116-MI-32-92-1	1116-MI-32-92-2	—	Ball Bearing	115 mm (4-1/2")	Swivel 82mm
100 mm x 30 mm (4" x 1-3/16")	120 kgs(264 lbs)	High Temp Rubber Wheel	1116-MI-04-92-1	1116-MI-04-92-2	1116-MI-04-92-4	Ball Bearing	137 mm (5-3/8")	Swivel 89.5mm Swivel W/Total Lock Brake 105.5mm
100 mm x 32 mm (4" x 1-1/4")	100 kgs(220 lbs)	TPR on PP Core	1116-MI-04-75-1	1116-MI-04-75-2	1116-MI-04-75-4	Ball Bearing Plain Bearing	137 mm (5-3/8")	Swivel 89.5mm Swivel W/Total Lock Brake 105.5mm
	105 kgs(231 lbs)	Firecat Wheel-H150	1116-MI-04-109-1	1116-MI-04-109-2	1116-MI-04-109-4	Ball Bearing		
	125 kgs(275 lbs)	Resolute	1116-MI-04-68-1	1116-MI-04-68-2	1116-MI-04-68-4			
	100 kgs(220 lbs)	WPPR	1116-MI-04-47-1	1116-MI-04-47-2	1116-MI-04-47-4			
	135 kgs(300 lbs)	W Resolute	1116-MI-04-48-1	1116-MI-04-48-2	1116-MI-04-48-4			
	135 kgs(300 lbs)	QPU on AL Core	1116-MI-04-87-1	1116-MI-04-87-2	1116-MI-04-87-4			
	135 kgs(300 lbs)	WMRC	1116-MI-04-45-1	1116-MI-04-45-2	1116-MI-04-45-4			
	120 kgs(264 lbs)	Nylon	1116-MI-04-07-1	1116-MI-04-07-2	1116-MI-04-07-4			
	135 kgs(300 lbs)	Hi-temp	1116-MI-04-25-1	1116-MI-04-25-2	1116-MI-04-25-4			
100 mm x 36 mm (4" x 1-1/2")	150 kgs(330 lbs)	Blue Resilient Rubber Wheel	1116-MI-04-50-1	1116-MI-04-50-2	1116-MI-04-50-4	Ball Bearing	137 mm (5-3/8")	Swivel 89.5mm Swivel W/Total Lock Brake 105.5mm
125 mm x 32 mm (5" x 1-1/4")	110 kgs(250 lbs)	TPR on PP Core	1116-MI-05-75-1	1116-MI-05-75-2	1116-MI-05-75-4	Ball Bearing Plain Bearing	163.5 mm (6-7/16")	Swivel 104mm Swivel W/Total Lock Brake 105.5mm
	140 kgs(308 lbs)	Firecat Wheel-H150	1116-MI-05-109-1	1116-MI-05-109-2	1116-MI-05-109-4	Ball Bearing		
	150 kgs(330 lbs)	Resolute	1116-MI-05-68-1	1116-MI-05-68-2	1116-MI-05-68-4			
	150 kgs(330 lbs)	WMRC	1116-MI-05-45-1	1116-MI-05-45-2	1116-MI-05-45-4			
	110 kgs(250 lbs)	WPPR	1116-MI-05-47-1	1116-MI-05-47-2	1116-MI-05-47-4			
	150 kgs(330 lbs)	W Resolute	1116-MI-05-48-1	1116-MI-05-48-2	1116-MI-05-48-4			
	150 kgs(330 lbs)	QPU on AL Core	1116-MI-05-87-1	1116-MI-05-87-2	1116-MI-05-87-4			
125 mm x 36 mm (5" x 1-1/2")	150 kgs(330 lbs)	Blue Resilient Rubber Wheel	1116-MI-05-50-1	1116-MI-05-50-2	1116-MI-05-50-4	Ball Bearing	163.5 mm (6-7/16")	Swivel 104mm Swivel W/Total Lock Brake 105.5mm
150 mm x 32 mm (6" x 1-1/4")	110 kgs(250 lbs)	TPR on PP Core	1116-MI-06-75-1	1116-MI-06-75-2	1116-MI-06-75-4	Ball Bearing Plain Bearing	188 mm (7-7/16")	Swivel 107mm Swivel W/Total Lock Brake 107mm
	150 kgs(330 lbs)	Resolute	1116-MI-06-68-1	1116-MI-06-68-2	1116-MI-06-68-4	Ball Bearing		

1116-SS-LI Series Light Duty Stainless Steel Caster

- Stainless steel housing is of high temperature resistant and corrosion/rust resistant, ideal for textile industry, chemical industry, food processing industry and bakery.

Load 40-70kg







Features



Side Lock Brake

Wheel Options

PP

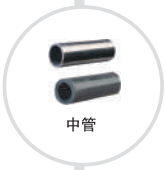


Nylon



Resolute





中管

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	58 x 70 mm (2-1/4"x 2-3/4")	38.5 x 55 mm (1-1/2"x 2-3/16")	8mm (5/16")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
50mm x 22mm (2" x 7/8")	40 kgs(88 lbs)	Resolute	1116-LI-02-68-1	1116-LI-02-68-2	—	Plain Bearing	70mm (2-3/4")	Swivel 49mm
50mm x 24.5mm (2" x 15/16")	70 kgs(154 lbs)	Nylon	1116-LI-02-07-1	1106-LI-02-07-2	1106-LI-02-07-4	Plain Bearing	70mm (2-3/4")	Swivel 49mm Swivel W/Side Brake 61.5mm
	50 kgs(110 lbs)	PP	1116-LI-02-29-1	1106-LI-02-29-2	1106-LI-02-29-4			
62.5mm x 23.5mm (2-1/2" x 15/16")	50 kgs(110 lbs)	Resolute	1116-LI-25-93-1	1116-LI-25-93-2	1116-LI-25-93-4	Plain Bearing	84.5mm (3-5/16")	Swivel 56.5mm Swivel W/Side Brake 63mm
62.5mm x 26mm (2-1/2" x 1-1/16")	70 kgs(154 lbs)	Nylon	1116-LI-25-07-1	1116-LI-25-07-2	1116-LI-25-07-4			
	50 kgs(110 lbs)	PP	1116-LI-25-29-1	1116-LI-25-29-2	1116-LI-25-29-4			

1153-SS Series

Heavy Duty 2" Wide General Purposes Stainless Steel Caster (European Style)

- Pressed stainless steel caster horn/ housing designed for European market. Swivel easily with high performance total lock brake, suitable for medium and heavy duty logistic equipment.

Load 125-350 kg







Features



Rear Total Lock

Wheel Options



QPU on AL Core



Rubber on AL Core



Nylon Wheel



Resilient Resolute Wheel (Gray Tread)



Black Rubber Wheel (Plastic Core)



Gray Rubber Wheel (Plastic Core)



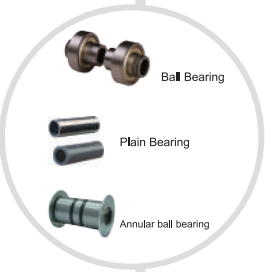
Resilient Resolute Wheel (Blue Tread)



W Resolute Wheel



Resolute(Round Shape)



TOP PLATE SIZE AND BOLT HOLE SPACING

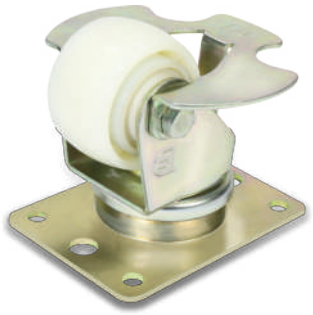
Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1	137 x 105mm(5-3/8" x 4-1/8")	105 x 80/75mm(4-1/8" x 3-1/8")	10mm (3/8")

SINGLE BOLT HOLE

Suffix	Centre Hole
1	13mm

Diameter×Width	Load	Material	Item NO.			Bearing	Overall Height	Offset (mm)	Swivel radius (mm)
			Fixed	Swivel	Brake				
150 x 40mm (6" x 1-9/16")	280kgs (615 lbs)	Rubber on Aluminum Core	1153-06-22-1	1153-06-22-2	1153-06-22-4	Ball Bearing	190mm (7-1/2")	55mm	Swivel 131mm Swivel W/Rear total lock 131mm
	350kgs (770 lbs)	Nylon Wheel	1153-06-45-1	1153-06-45-2	1153-06-45-4				
	125kgs (275 lbs)	Black Rubber Wheel(Plastic Core)	1153-06-104-1	1153-06-104-2	1153-06-104-4	Plain Bearing			
	125kgs (275 lbs)	Gray Rubber Wheel(Plastic Core)	1153-06-107-1	1153-06-107-2	1153-06-107-4				
150 x 42mm (6" x 1-5/8")	350kgs (770 lbs)	QPU on AL Core (Round)	1153-06-87-1	1153-06-87-2	1153-06-87-4	Ball Bearing			
150 x 50mm (6" x 2")	350kgs (770 lbs)	QPU on AL Core (Flat)	1153-06-87-1	1153-06-87-2	1153-06-87-4	Ball Bearing	190mm (7-1/2")	55mm	Swivel 131mm Swivel W/Rear total lock 131mm
	272 kgs (600 lbs)	W Resolute	1153-06-48-1	1153-06-48-2	1153-06-48-4	Annular ball bearing			
	204 kgs (450 lbs)	Resolute (Round Shape)	1153-06-44-1	1153-06-44-2	1153-06-44-4				
160 x 40mm (6-5/16" x 1-9/16")	350kgs (770 lbs)	Nylon Wheel	1153-65-45-1	1153-65-45-2	1153-65-45-4	Ball Bearing	200mm (7-7/8")	55mm	Swivel 136mm Swivel W/Rear total lock 136mm
	135kgs (295 lbs)	Black Rubber Wheel(Plastic Core)	1153-65-104-1	1153-65-104-2	1153-65-104-4	Plain Bearing			
	135kgs (295 lbs)	Gray Rubber Wheel(Plastic Core)	1153-65-107-1	1153-65-107-2	1153-65-107-4				
160 x 42mm (6-5/16" x 1-5/8")	350kgs (770 lbs)	QPU on AL Core (Round)	1153-65-87-1	1153-65-87-2	1153-65-87-4	Ball Bearing			
	300kgs (660 lbs)	Rubber on Aluminum Core	1153-65-22-1	1153-65-22-2	1153-65-22-4				
160 x 48mm (6-5/16" x 1-7/8")	300kgs (660 lbs)	Resilient Resolute Wheel (Gray tread)	1153-65-105-1	1153-65-105-2	1153-65-105-4	Ball Bearing Annular ball bearing	200mm (7-7/8")	55mm	Swivel 136mm Swivel W/Rear total lock 136mm
	300kgs (660 lbs)	Resilient Resolute Wheel (Blue tread)	1153-65-50-1	1153-65-50-2	1153-65-50-4				
160 x 50mm (6-5/16" x 2")	350kgs (770 lbs)	QPU on AL Core (Flat)	1153-65-87-1	1153-65-87-2	1153-65-87-4	Ball Bearing			
180 x 44mm (7" x 1-3/4")	350kgs (770 lbs)	QPU on AL Core (Round)	1153-07-87-1	1153-07-87-2	1153-07-87-4	Ball Bearing	220mm (8-11/16")	55mm	Swivel 145mm Swivel W/Rear total lock 145mm
180 x 50mm (7" x 2")	175kgs (385 lbs)	Black Rubber Wheel(Plastic Core)	1153-07-104-1	1153-07-104-2	1153-07-104-4	Plain Bearing			
	175kgs (385 lbs)	Gray Rubber Wheel(Plastic Core)	1153-07-107-1	1153-07-107-2	1153-07-107-4				
200 x 44mm (8" x 1-3/4")	350kgs (770 lbs)	Rubber on Aluminum Core	1153-08-22-1	1153-08-22-2	1153-08-22-4	Ball Bearing	240mm (9-1/2")	55mm	Swivel 155mm Swivel W/Rear total lock 155mm
200 x 48mm (8" x 1-7/8")	325kgs (715 lbs)	Resilient Resolute Wheel (Gray tread)	1153-08-105-1	1153-08-105-2	1153-08-105-4	Ball Bearing Annular ball bearing			
	325kgs (715 lbs)	Resilient Resolute Wheel (Blue tread)	1153-08-50-1	1153-08-50-2	1153-08-50-4				
200 x 50mm (8" x 2")	350kgs (770 lbs)	QPU on AL Core (Flat)	1153-08-87-1	1153-08-87-2	1153-08-87-4	Ball Bearing	240mm (9-1/2")	55mm	Swivel 155mm Swivel W/Rear total lock 155mm
	350kgs (770 lbs)	QPU on AL Core (Round)	1153-08-87-1	1153-08-87-2	1153-08-87-4				
	350kgs (770 lbs)	Nylon Wheel	1153-08-45-1	1153-08-45-2	1153-08-45-4				
	205kgs (450 lbs)	Black Rubber Wheel(Plastic Core)	1153-08-104-1	1153-08-104-2	1153-08-104-4	Plain Bearing			
	205kgs (450 lbs)	Gray Rubber Wheel(Plastic Core)	1153-08-107-1	1153-08-107-2	1153-08-107-4				
	306 kgs (675 lbs)	W Resolute	1153-08-48-1	1153-08-48-2	1153-08-48-4	Annular ball bearing			
	272 kgs (600 lbs)	Resolute(Round Shape)	1153-08-44-1	1153-08-44-2	1153-08-44-4				

1159 Series Air Cargo Caster







Features:

- Quiet Operation.
- Steel dust cap around swivel section of the fork to prevent contamination, resulting in longer service life.
- Shock resistant premium nylon wheel.
- Easy installation and replacement.

Bearing type:

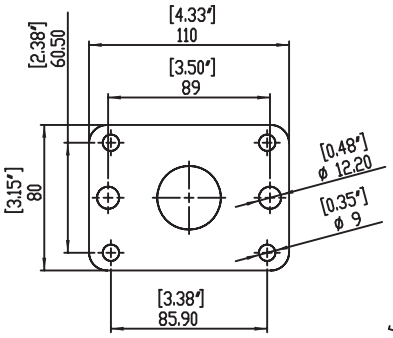
Precision Ball Bearing : Sealed precision ball bearing in both wheels and fork swivel section.
Wheel Material : Nylon
Finish : Yellow dichromate. / Zinc plated finish.
Temperature Range : -35℃ ~ +80℃
Capacity : 550 lbs

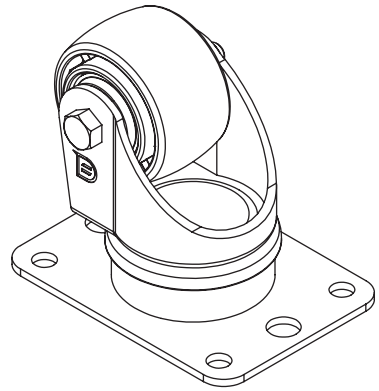
Applications:

- Cargo Conveyor Equipment.
- Cargo handling
- Textile industry
- Conveyor applications

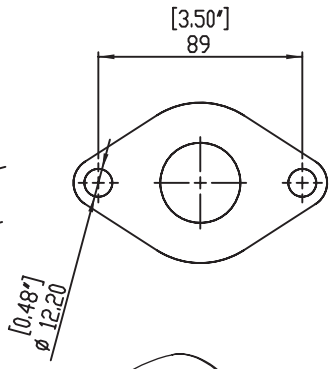
Top Plate Option

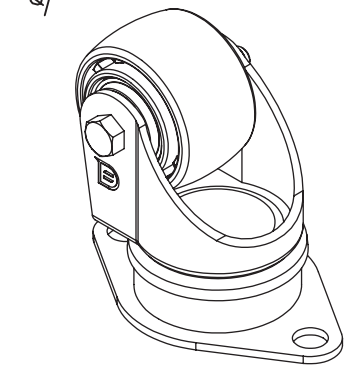
Rectangular



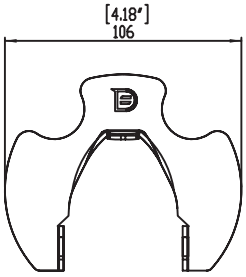


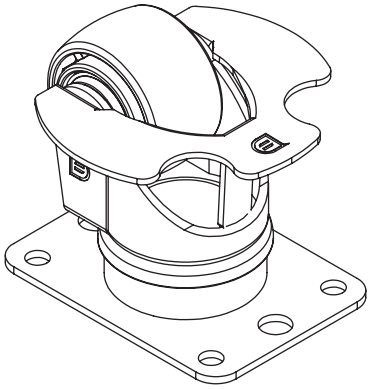
Diamond

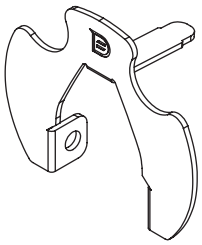


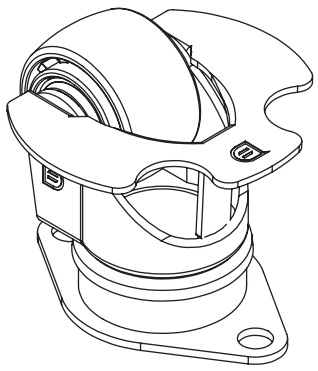


Toe Guard









Item No	Wheel Diameter	Tread Width	Overall Height	Load Cap (Lbs)	Top Plate	Toe Guard	Bearing Type
11590200202	2-1/4"(58mm)	1-3/4"(34mm)	3-3/4"(96mm)	250kgs(550 lbs)	Rectangular	with toe-guard	Ball Bearing
11590200204	2-1/4"(58mm)	1-3/4"(34mm)	3-3/4"(96mm)	250kgs(550 lbs)	Rectangular	---	
11590200201	2-1/4"(58mm)	1-3/4"(34mm)	3-3/4"(96mm)	250kgs(550 lbs)	Diamond	with toe-guard	
11590200203	2-1/4"(58mm)	1-3/4"(34mm)	3-3/4"(96mm)	250kgs(550 lbs)	Diamond	---	
11590280204	2-3/4"(70mm)	1-3/4"(34mm)	4"(102mm)	250kgs(550 lbs)	Rectangular	with toe-guard	
11590280203	2-3/4"(70mm)	1-3/4"(34mm)	4"(102mm)	250kgs(550 lbs)	Rectangular	---	
11590280202	2-3/4"(70mm)	1-3/4"(34mm)	4"(102mm)	250kgs(550 lbs)	Diamond	with toe-guard	
11590280201	2-3/4"(70mm)	1-3/4"(34mm)	4"(102mm)	250kgs(550 lbs)	Diamond	---	

DERSHENG

1109 Series Medium Duty/Low Profile Business Machine Caster

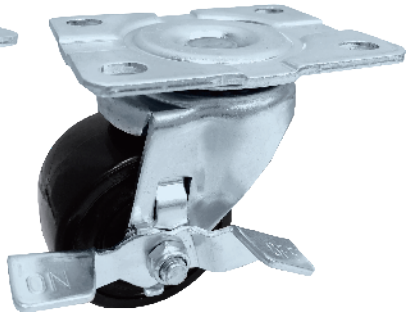
- Made of synthetic material with excellent abrasion resistance. Wide tread withstands heavy load, suitable for business machine. Item with floor lock is designed for extra heavy load and immobility function. Height is also adjustable for model with floor lock.





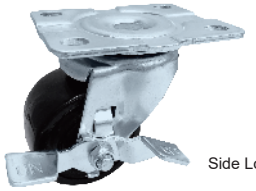
Load
50-400 kg







Features



Side Lock Brake



Glide

Wheel Options



Nylon



Phenolic



PP



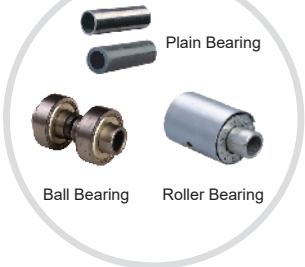
QPU(Dual Wheels)



QPU



King Kong Wheel



TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
2"x 1"	58 x 70 mm (2-1/4"x 2-3/4")	40 x 55 mm (1-9/16"x 2-3/16")	8 mm (5/16")
2"x1"-15/16"	65 x 95 mm (2-3/4"x 3-3/4")	45 x 75 mm (1-3/4"x 3")	8 mm (5/16")
2"x1"-15/16" Caster with floor Lock	120 x 120 mm (4-23/32"x 4-23/32")	95 x 95 mm (3-3/4"x 3-3/4")	10 mm (3/8")
2-1/2"x 1-15/16"	65 x 95 mm (2-3/4"x 3-3/4")	45 x 75 mm (1-3/4"x 3")	8 mm (5/16")
2-1/2"x 1-15/16" Caster with floor Lock	120 x 120 mm (4-23/32"x 4-23/32")	95 x 95 mm (3-3/4"x 3-3/4")	10 mm (3/8")
3"x1-15/16"	86 x 110 mm (3-3/8"x 4-5/16")	60 x 83 mm (2-3/8"x 3-1/4")	10 mm (3/8")
3"x1-15/16" Caster with floor Lock	120 x 120 mm (4-23/32"x 4-23/32")	95 x 95 mm (3-3/4"x 3-3/4")	10 mm (3/8")

THREADED STEM SPECIFICATION

Caster Size	Threaded Size	Caster Size	Threaded Size
2"x3/4"	M10 x 25 (CN) *	2"x1"	M12 x 25 (TW) *
2-1/2" x 1-15/16" 3" x 1-3/4"	M12 x 25 mm (CN) **	2-1/2" x 1-15/16" 3" x 1-3/4"	1/2-13UNC x 25mm (CN) **
2-1/2" x 1-15/16" 3" x 1-3/4"	1/2-12UNC x 32mm (TW) **	2-1/2"x1-15/16" 3" x 1-3/4"	5/8-11UNC x 25mm (TW) **

* Hexagon Head ** Round Head

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
50mm x 25mm (2" x 1")	70 kgs (150 lbs)	Nylon	--	1109-02-07-2	1109-02-07-4	Plain Bearing	70mm (2-3/4")	Swivel 47.5mm Swivel W/Brake 54mm
	50 kgs (110 lbs)	PP	--	1109-02-29-2	1109-02-29-4			
50mm x 45mm (2 x 1-3/4")	300 kgs (660 lbs)	QPU	1109-02-80-1	1109-02-80-1	--	Ball Bearing	73mm (2-7/8")	Swivel 44mm
	300 kgs (660 lbs)	ZQPU(Dual Wheels)	1109-02-101-1	1109-02-101-2	--			
	200 kgs (440 lbs)	Nylon	1109-02-07-1	1109-02-07-2	--	Ball Bearing Plain Bearing		
	250 kgs (550 lbs)	King Kong Wheel	1109-02-100-1	1109-02-100-2	--	Ball Bearing Plain Bearing		
62.5 mm x 45mm (2-1/2" x 1-3/4")	300 kgs (660 lbs)	QPU	1109-25-80-1	1109-25-80-2	1109-25-80-4	Ball Bearing	91mm (3-3/5")	Swivel 60.5mm Swivel W/Brake 65.5mm
	300 kgs (660 lbs)	ZQPU(Dual Wheels)	1109-25-101-1	1109-25-101-2	1109-25-101-4			
	250 kgs (550 lbs)	Nylon	1109-25-07-1	1109-25-07-2	1109-25-07-4			
	140 kgs (305 lbs)	PP	1109-25-29-1	1109-25-29-2	1109-25-29-4			
	350 kgs (770 lbs)	King Kong Wheel	1109-25-100-1	1109-25-100-2	1109-25-100-4	Ball Bearing Plain Bearing		
75mm x 45mm (3" x 1-3/4")	300 kgs (660 lbs)	QPU	1109-03-80-1	1109-03-80-2	1109-03-80-4	Ball Bearing	102.5mm (4-1/25")	Swivel 68.4mm Swivel W/Brake 68.4mm
	300 kgs (660 lbs)	ZQPU(Dual Wheels)	1109-03-101-1	1109-03-101-2	1109-03-101-4			
	300 kgs (660 lbs)	Nylon	1109-03-07-1	1109-03-07-2	1109-03-07-4	Ball Bearing Plain Bearing		
	185 kgs (405 lbs)	PP	1109-03-29-1	1109-03-29-2	1109-03-29-4	Ball Bearing		
	225 kgs (500 lbs)	Phenolic	1109-03-25-1	1109-03-25-2	1109-03-25-4	Roller Bearing		
	400 kgs (880 lbs)	King Kong Wheel	1109-03-100-1	1109-03-100-2	1109-03-100-4	Ball Bearing Plain Bearing		

1109-HD Series

Heavy Duty/Low Profile Business Machine Caster

- Caster fork is made of high tensile pressed steel with harden raceway to provide long lasting service life and extreme high load capacity while maintain low profile and over all height. It is suitable for application like business machine, server rack and AGV. Caster with floor lock is designed to further increase the load capability and immobility function. Height is also adjustable for model with floor lock. Also the E-coat finish on the fork provides better finish and offers better protection against the rust.

Load
250-500 kg





Features



Side Lock Brake

Wheel Options



Nylon



King Kong Wheel



QPU(Dual Wheels)



QPU



Plain Bearing



Ball Bearing

TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
2"x1"-15/16"	65 x 95 mm (2-3/4"x 3-3/4")	45 x 75 mm (1-3/4"x 3")	8 mm (5/16")
2-1/2"x 1-15/16"	65 x 95 mm (2-3/4"x 3-3/4")	45 x 75 mm (1-3/4"x 3")	8 mm (5/16")
3"x1-15/16"	86 x 110 mm (3-3/8"x 4-5/16")	60 x 83 mm (2-3/8"x 3-1/4")	10 mm (3/8")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
50 x 45mm (2" x 1-3/4")	350 kgs (770 lbs)	QPU	1109-02-80-1(H)	1109-02-80-2(H)	--	Ball Bearing	75mm (3")	Swivel 50mm
	350 kgs (770 lbs)	QPU (Dual Wheels)	1109-02-101-1(H)	1109-02-101-2(H)	--	Ball Bearing		
	250 kgs (550 lbs)	King Kong Wheel	1109-02-100-1(H)	1109-02-100-2(H)	--	Ball Bearing		
	200 kgs (440 lbs)	Nylon	1109-02-07-1(H)	1109-02-07-2(H)	--	Plain Bearing		

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
62.5 x 45mm (2-1/2" x 1-3/4")	400 kgs (880 lbs)	QPU	1109-25-80-1(H)	1109-25-80-2(H)	1109-25-80-4(H)	Ball Bearing	90.5mm (3-9/16")	Swivel 59.5mm Swivel W/Side Brake 77mm
	400 kgs (880 lbs)	QPU (Dual Wheels)	1109-25-101-1(H)	1109-25-101-2(H)	1109-25-101-4(H)	Ball Bearing		
	450 kgs (990 lbs)	King Kong Wheel	1109-25-100-1(H)	1109-25-100-2(H)	1109-25-100-4(H)	Ball Bearing Plain Bearing		
	250 kgs (550 lbs)	Nylon	1109-25-07-1(H)	1109-25-07-2(H)	1109-25-07-4(H)	Ball Bearing		
75 x 45mm (3" x 1-3/4")	450 kgs (990 lbs)	QPU	1109-03-80-1(H)	1109-03-80-2(H)	1109-03-80-4(H)	Ball Bearing	105.5mm (4-1/8")	Swivel 70mm Swivel W/Side Brake 85.5mm
	450 kgs (990 lbs)	QPU (Dual Wheels)	1109-03-101-1(H)	1109-03-101-2(H)	1109-03-101-4(H)	Ball Bearing		
	500 kgs (1100 lbs)	King Kong Wheel	1109-03-100-1(H)	1109-03-100-2(H)	1109-03-100-4(H)	Ball Bearing Plain Bearing		
	300 kgs (660 lbs)	Nylon	1109-03-07-1(H)	1109-03-07-2(H)	1109-03-07-4(H)			

1168 Series Levelling Caster

This levelling caster allows customers to move the wheel up and down by activating or deactivating the brake lever. When the lever engaged, the wheel moves down to turn into a swivel caster, allowing the equipment carried to be moved freely. When de-activated, the wheel moves up and turns into a levelling mechanism with secure foot to support the equipment. With the caster foot firmly standing on the ground, customers can adjust the height of the foot to reach the horizontal balance needed for the equipment. Levelling caster without brake level is also available.

Dynamic Load **200 - 320 kg**

Static Load with Foot up to **1000kgs**







Features



E-Conductive Rubber

Wheel Options



Nylon



King Kong Wheel



Nylon



Ball Bearing



QPU(Dual Wheels)



QPU



QPU on AL Core

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
* 1	85 x 105 mm (3-5/16" x 4-1/8")	60 x 80 mm (European Plate) 2-3/8"x3-1/8"	8 mm (5/16")
2	100 x 115 mm (4"x 4-1/2")	70 x 85 mm (2-5/8"~3"x3"~3-5/8")	10 mm (3/8")

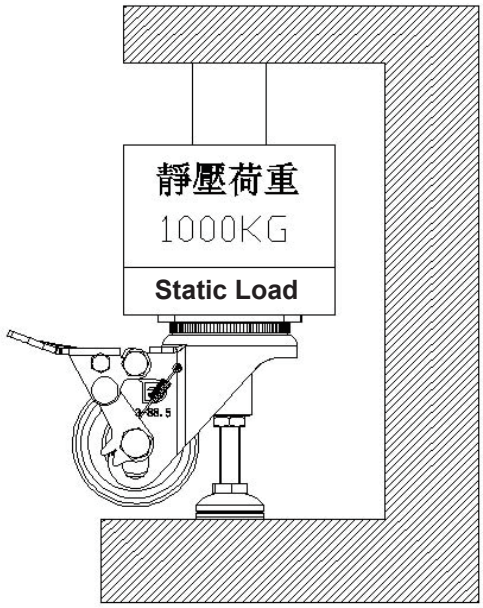
* 2.5" caster only fit with European Plate.



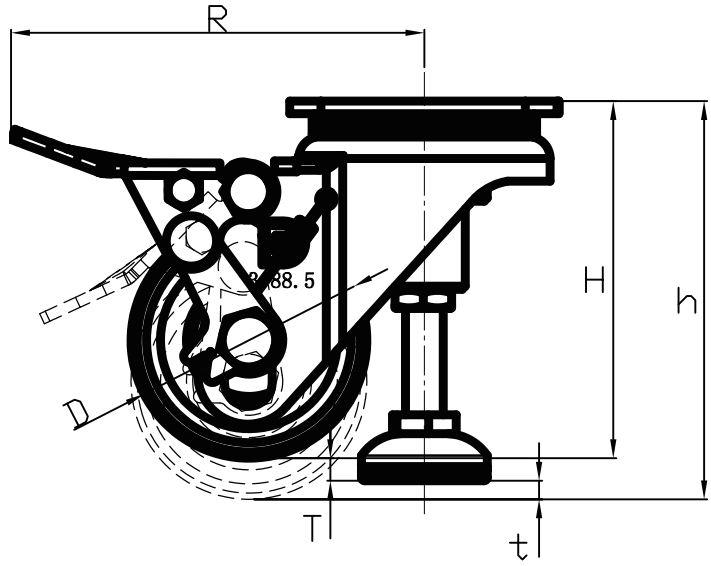
Caster With Foot & Brake Level

Size	Material	Wheel Diameter (mm) D	Wheel Width (mm)	Dynamic Load	Static Load with Foot	Bearing	Overall Height (mm) H	Max. Overall Height (mm) h	Lifting Distance (mm) T	Max Foot Floor Clearance (mm) t	Offset (mm)	Swivel Radius (mm) R	Item Number
2.5"	Nylon	64	45	200kgs (440lbs)	1000kgs (2200lbs)	Ball Bearing	96	108	6	6	56	Short pedal 135mm Long pedal 147mm	1168-25-07-10
	King Kong Wheel	62.5	45	200kgs (440lbs)			95	107	7	5	56		1168-25-100-10
	QPU	62.5	45	200kgs (440lbs)									1168-25-80-10
	ZQPU(Dual Wheels)	62.5	20x2	200kgs (440lbs)									1168-25-101-10
3"	Nylon	75	45	260kgs (570lbs)	1000kgs (2200lbs)	Ball Bearing	114	126	6	6	56	Short pedal 135mm Long pedal 147mm	1168-03-07-10
	King Kong Wheel	75	45	260kgs (570lbs)									1168-03-100-10
	QPU	75	45	260kgs (570lbs)									1168-03-80-10
	ZQPU(Dual Wheels)	75	20x2	260kgs (570lbs)									1168-03-101-10
4"	Nylon	100	32	320kgs (700lbs)	1000kgs (2200lbs)	Ball Bearing	136.5	148.5	6	6	65	Short pedal 142mm Long pedal 157mm	1168-04-07-10
	Nylon	100	36	250kgs (550lbs)									1168-04-07-10
	QPU on AL Core	100	40	320kgs (700lbs)									1168-04-87-10
	ZQPU(Dual Wheels)	100	22x2	320kgs (700lbs)									1168-04-101-10

Static Load with Foot



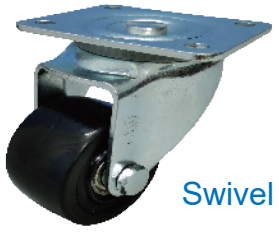
Levelling Caster





Caster With Foot

Size	Material	Wheel Diameter (mm)	Wheel Width (mm)	Load	Static Load with Foot	Item No. Swivel	Bearing	Overall Height	Offset	Swivel Radius
2.5"	Nylon	75	45	200kgs(440lbs)	1000kgs (2200lbs)	1168-25-07-2(1)	Ball Bearing	102mm	64mm	97mm
	King Kong Wheel	75	45	200kgs(440lbs)		1168-25-100-2(1)				
	QPU	75	45	200kgs(440lbs)		1168-25-80-2(1)				
	ZQPU(Dual Wheels)	75	20x2	200kgs(440lbs)		1168-25-101-2(1)				
3"	Nylon	75	45	220kgs(485lbs)	1000kgs (2200lbs)	1168-03-07-2(1)	Ball Bearing	120mm	69mm	107mm
	King Kong Wheel	75	45	220kgs(485lbs)		1168-03-100-2(1)				
	QPU	75	45	220kgs(485lbs)		1168-03-80-2(1)				
	ZQPU(Dual Wheels)	75	20x2	220kgs(485lbs)		1168-03-101-2(1)				
4"	Nylon	100	32	250kgs(550lbs)	1000kgs (2200lbs)	1168-04-07-2(1)	Ball Bearing	142.5mm	77mm	127mm
	Nylon	100	36	250kgs(550lbs)		1168-04-07-2(1)				
	QPU on AL Core	100	40	250kgs(550lbs)		1168-04-87-2(1)				
	ZQPU(Dual Wheels)	100	22x2	250kgs(550lbs)		1168-04-101-2(1)				



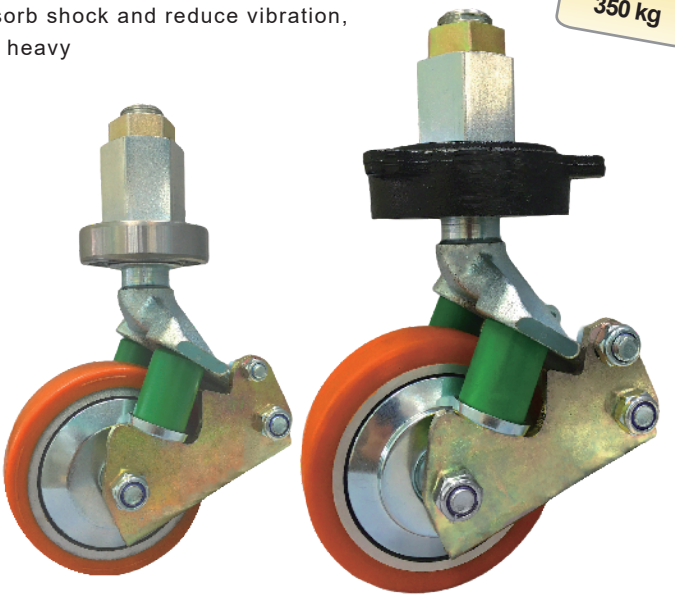
Swivel Caster Without Foot

Size	Material	Wheel Diameter (mm)	Wheel Width (mm)	Load	Item No. Fixed	Item No. Swivel	Bearing	Overall Height	Offset	Swivel Radius
*2.5"	Nylon	75	45	260kgs(570lbs)	1168-25-07-1	1168-25-07-2	Ball Bearing	102mm	31mm	68.5mm
	King Kong Wheel	75	45	260kgs(570lbs)	1168-25-100-1	1168-25-100-2				
	QPU	75	45	260kgs(570lbs)	1168-25-80-1	1168-25-80-2				
	ZQPU(Dual Wheels)	75	20x2	260kgs(570lbs)	1168-25-101-1	1168-25-101-2				
3"	Nylon	75	45	260kgs(570lbs)	1168-03-07-1	1168-03-07-2	Ball Bearing	120mm	40mm	77.5mm
	King Kong Wheel	75	45	260kgs(570lbs)	1168-03-100-1	1168-03-100-2				
	QPU	75	45	260kgs(570lbs)	1168-03-80-1	1168-03-80-2				
	ZQPU(Dual Wheels)	75	20x2	260kgs(570lbs)	1168-03-101-1	1168-03-101-2				
4"	Nylon	100	32	320kgs(700lbs)	1168-04-07-1	1168-04-07-2	Ball Bearing	142.5mm	40mm	90mm
	Nylon	100	36	250kgs(550lbs)	1168-04-07-1	1168-04-07-2				
	QPU on AL Core	100	40	320kgs(700lbs)	1168-04-87-1	1168-04-87-2				
	ZQPU(Dual Wheels)	100	22x2	320kgs(700lbs)	1168-04-101-1	1168-04-101-2				

* 2.5” caster only fit with European Plate.

1166 Series Stabilizing Caster

Load 350 kg

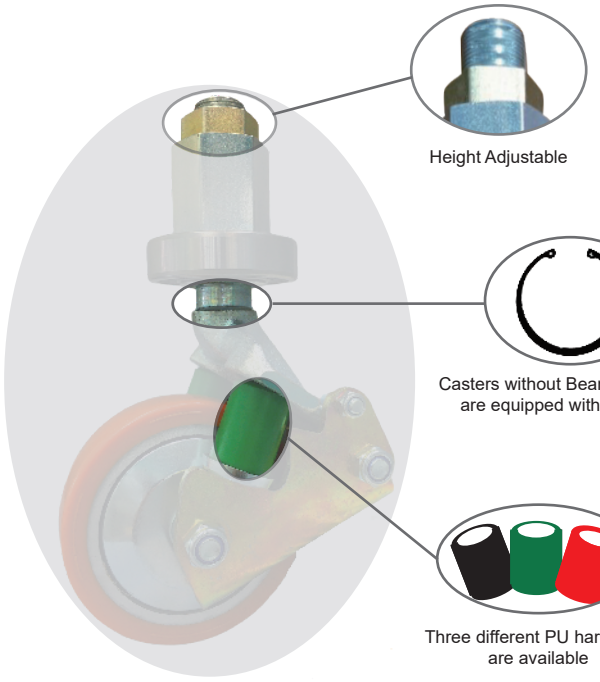


- Designed for various industrial environments, Dersheng's stabilizing casters provide stability and long life time for forklifts. The spring-loaded casters will absorb shock and reduce vibration, making it safer and more easy to operate when transporting heavy load or fragile materials.

Features and benefits include:

- Fork made of high-quality solid cast steel, no welds.
- Easy to install.
- Total height adjustable
- Engineered with high tech polyurethane spring, with three different hardness/tension to choose from
- Equipped with premium Xtremethane® compound wheel.
- Maintenance - free, sealed Wheel Bearings and Swivel Head Bearing

Features



Wheel Options



XPU on AL Core



XPU on Iron Core

HEXAGON HEAD THREADED STEM SPECIFICATION

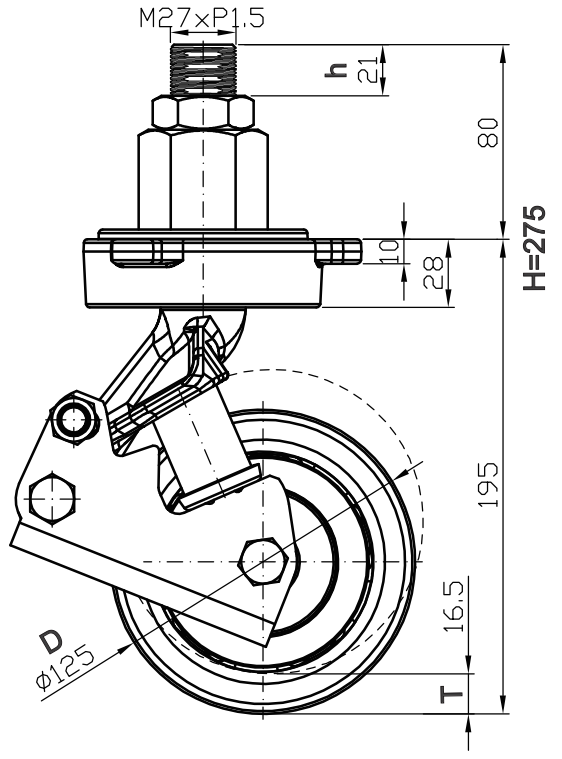
Threaded Size	Width Across Flats	Bearing	Bearing Thickness
M27-P1.5	46	6208	18
M27-P1.5	46	6307(special)	21

BEARING HOUSING

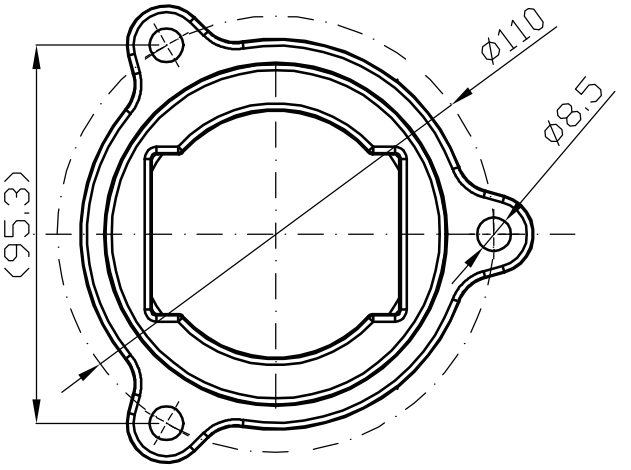
Housing Diameter	Housing Bolt Hole Diameter	Housing Bolt Hole Spacing
110	8.5	95.3

Size	Material	Wheel Diameter (mm) D	Wheel Width (mm)	Spring	Load	Bearing	Overall Height (mm) H	Height Adjustment (mm) h	Spring Travel (mm) T	Swivel Radius (mm)	Item Number
5"	AXPU	125	40	Green	350kgs	Ball Bearing	275	21	16.5	91	1166-05-114-2
5"	XPU	125	40	Green	350kgs	Ball Bearing	275	21	16.5	91	1166-05-96-2

Stabilizing Caster



Bearing Housing

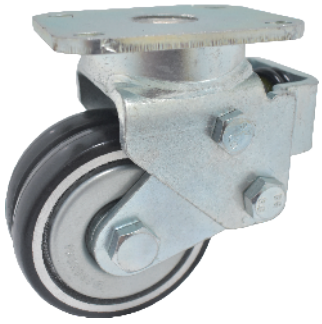


116S Series Heavy Duty AMR/AGV Spring-Loading Caster

Load
70 - 500 kg

- Caster fork is made of high tensile steel with harden raceway to provide long lasting service life and extreme high load capacity while maintaining low profile and overall height. It is suitable for application like AMR/AGV and robotic industry products. High quality spring design with excellent shock-absorbing capabilities keep machines carried by the caster stable while traveling across uneven surface.



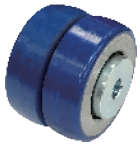


Features



Metal Thread Guard(optinal)

Wheel Options



ZQPU(Dual Wheels)



QPU



Ball Bearing



QPU(Dual Anti-Static Wheels)



King Kong Wheel

*Other Anti-Statuc Wheels Available, Please Contact The Factory

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
2", 2.5"	51 x 65 mm (2" x 2-9/16")	36 x 51.5 mm (1-13/32" x 2-1/32")	6 mm (1/4")
	51 x 84 mm (2" x 3-5/16")	37 x 70 mm (1-15/32" x 2-3/4")	6 mm (1/4")
	60 x 60 mm (2-3/8" x 2-3/8")	42.5 x 42.5 mm (1-11/16" x 1-11/16")	6 mm (1/4")
	60 x 90 mm (2-3/8" x 3-17/32")	44.5 x 73 mm (1-3/14" x 2-7/8")	8 mm (5/16")
3", 4",5",6"	85 x 110 mm (3-11/32" x 4-11/23")	60 x 80~86 mm (2-3/8" x 3-5/32"~3-3/8")	8 mm (5/16")

Diameter×Width	* Load	** Guarantee 2000 KM/ 1250 Miles	Material	Item No.			Bearing	Overall Height	Swivel radius
				Fixed	Swivel	Brake			
50mm x 20mm (41.5) (2" x 3/4")	70 kgs (154 lbs)	50 kgs (110 lbs)	ZQPU(Dual Wheels)	1165-02-101-1	1165-02-101-2	—	Ball Bearing	78mm (3-5/64")	Swivel 55 mm
	70 kgs (154 lbs)	50 kgs (110 lbs)	QPU(Dual Anti-Static Wheels)	1165-02-101-1	1165-02-101-2	—			
50mm x 40mm (2" x 1-9/16")	70 kgs (154 lbs)	50 kgs (110 lbs)	QPU	1165-02-53-1	1165-02-53-2	—			
50mm x 45mm (2" x 1-13/16")	70 kgs (154 lbs)	—	King Kong Wheel	1165-02-100-1	1165-02-100-2	—			
62.5mm x 20mm (41.5) (2-1/2" x 3/4")	250 kgs (551 lbs)	84 kgs (185 lbs)	ZQPU(Dual Wheels)	1165-25-101-1	1165-25-101-2	—	Ball Bearing	100mm (4")	Swivel 60 mm
	200 kgs (440 lbs)	67 kgs (147 lbs)	QPU(Dual Anti-Static Wheels)	1165-25-101-1	1165-25-101-2	—			
62.5mm x 45mm (2-1/2" x 1-13/16")	250 kgs (551 lbs)	—	King Kong Wheel	1165-25-100-1	1165-25-100-2	—			
	200 kgs (440 lbs)	67 kgs (147 lbs)	QPU	1165-25-80-1	1165-25-80-2	—			
75mm x 20mm (41.5) (3" x 3/4")	300 kgs (661 lbs)	100 kgs (220 lbs)	ZQPU(Dual Wheels)	1165-03-101-1	1165-03-101-2	—	Ball Bearing	116mm (4-9/16")	Swivel 65 mm
	250 kgs (551 lbs)	84 kgs (185 lbs)	QPU(Dual Anti-Static Wheels)	1165-03-101-1	1165-03-101-2	—			
75mm x 45mm (3" x 1-13/16")	300 kgs (661 lbs)	—	King Kong Wheel	1165-03-100-1	1165-03-100-2	—			
	250 kgs (551 lbs)	84 kgs (185 lbs)	QPU	1165-03-80-1	1165-03-80-2	—			
100mm x 22mm (41.5) (4" x 7/8")	400 kgs (881 lbs)	134 kgs (295 lbs)	ZQPU(Dual Wheels)	1165-04-101-1	1165-04-101-2	—	Ball Bearing	145mm (5-45/64")	Swivel 84 mm
	350 kgs (771 lbs)	117 kgs (257 lbs)	QPU(Dual Anti-Static Wheels)	1165-04-101-1	1165-04-101-2	—			
125mm x 24mm (41.5) (5" x 1")	500 kgs (1100 lbs)	167 kgs (368 lbs)	ZQPU(Dual Wheels)	1165-05-101-1	1165-05-101-2	—	Ball Bearing	175mm (7-1/8")	Swivel 102 mm
	450 kgs (992 lbs)	150 kgs (330 lbs)	QPU(Dual Anti-Static Wheels)	1165-05-101-1	1165-05-101-2	—			
150mm x 24mm (41.5) (6" x 1")	350 kgs (771 lbs)	117 kgs (257 lbs)	ZQPU(Dual Wheels)	1165-06-101-1	1165-06-101-2	—	Ball Bearing	200mm (8-1/8")	Swivel 130mm
	300 kgs (661 lbs)	100 kgs (220 lbs)	QPU(Dual Anti-Static Wheels)	1165-06-101-1	1165-06-101-2	—			

*The load is tested according to the ISO test standard

** Guarantee 2000 km life span on the selected AGV caster models under normal field application.
Dersheng reserves the right of the final interpretation on the caster test method and 2000 km guarantee.

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100mm x 32mm (4" x 1-1/4")	160 kgs(352 lbs)	Nylon	1116-MJ-04-07-1	1116-MJ-04-07-2	1116-MJ-04-07-4 (Total lock Brake)	Ball Bearing	134.5mm (5-1/4")	Swivel 92mm Swivel W/Total Lock Brake 117mm
	160 kgs(352 lbs)					Plain Bearing		
	140 kgs(308 lbs)	Recilent rubber on AL Core	1116-MJ-04-89-1	1116-MJ-04-89-2	1116-MJ-04-89-4 (Total lock Brake)	Ball Bearing		
	140 kgs(308 lbs)	QPU on AL Core	1116-MJ-04-87-1	1116-MJ-04-87-2	1116-MJ-04-87-4 (Total lock Brake)			
100mm x 36mm (4" x 1-7/16")	140 kgs(308 lbs)	W Resolute Wheel	1116-MJ-04(36)-64-1	1116-MJ-04(36)-64-2	1116-MJ-04(36)-64-4 (Total lock Brake)	Ball Bearing	134.5mm (5-1/4")	Swivel 92mm Swivel W/Total Lock Brake 117mm
	160 kgs(352 lbs)	QPU on AL Core	1116-MJ-04(36)-87-1	1116-MJ-04(36)-87-2	1116-MJ-04(36)-87-4 (Total lock Brake)			
100mm x 40mm (4" x 1-9/16")	140 kgs(308 lbs)	Firecate wheel-H150	1116-MJ-04(40)-109-1	1116-MJ-04(40)-109-2	1116-MJ-04(40)-109-4 (Total lock Brake)	Ball Bearing	134.5mm (5-1/4")	Swivel 92mm Swivel W/Total Lock Brake 117mm
	160 kgs(352 lbs)	QPU on AL Core	1116-MJ-04(40)-87-1	1116-MJ-04(40)-87-2	1116-MJ-04(40)-87-4 (Total lock Brake)			
	160 kgs(352 lbs)	Recilent rubber on AL Core	1116-MJ-04(40)-89-1	1116-MJ-04(40)-89-2	1116-MJ-04(40)-89-4 (Total lock Brake)			
	160 kgs(352 lbs)	Rubber on AL Core	1116-MJ-04(40)-22-1	1116-MJ-04(40)-22-2	1116-MJ-04(40)-22-4 (Total lock Brake)			
125mm x 32mm (5" x 1-1/4")	160 kgs(352 lbs)	QPU on AL Core	1116-MJ-05-87-1	1116-MJ-05-87-2	1116-MJ-05-87-4 (Total lock Brake)	Ball Bearing	158mm (6-1/4")	Swivel 102mm Swivel W/Total Lock Brake 117mm
	150 kgs(330 lbs)	Recilent rubber on AL Core	1116-MJ-05-89-1	1116-MJ-05-89-2	1116-MJ-05-89-4 (Total lock Brake)			
125mm x 38mm (5" x 1-1/2")	160 kgs(352 lbs)	W Resolute Wheel	1116-MJ-05(38)-64-1	1116-MJ-05(38)-64-2	1116-MJ-05(38)-64-4 (Total lock Brake)	Ball Bearing	158mm (6-1/4")	Swivel 102mm Swivel W/Total Lock Brake 117mm
	160 kgs(352 lbs)	Nylon	1116-MJ-05(38)-07-1	1116-MJ-05(38)-07-2	1116-MJ-05(38)-07-4 (Total lock Brake)	Plain Bearing		
125mm x 40mm (5" x 1-9/16")	175 kgs(385 lbs)	Firecate wheel-H150	1116-MJ-05(40)-109-1	1116-MJ-05(40)-109-2	1116-MJ-05(40)-109-4 (Total lock Brake)	Ball Bearing	158mm (6-1/4")	Swivel 102mm Swivel W/Total Lock Brake 117mm
	180 kgs(396 lbs)	Recilent rubber on AL Core	1116-MJ-05(40)-89-1	1116-MJ-05(40)-89-2	1116-MJ-05(40)-89-4 (Total lock Brake)			
	180 kgs(396 lbs)	Rubber on AL Core	1116-MJ-05(40)-22-1	1116-MJ-05(40)-22-2	1116-MJ-05(40)-22-4 (Total lock Brake)			
	180 kgs(396 lbs)	QPU on AL Core	1116-MJ-05(40)-87-1	1116-MJ-05(40)-87-2	1116-MJ-05(40)-87-4 (Total lock Brake)			
	180 kgs(396 lbs)	Nylon	1116-MJ-05(40)-07-1	1116-MJ-05(40)-07-2	1116-MJ-05(40)-07-4 (Total lock Brake)			

116S Series Heavy Duty AMR/AGV-2 Caster

Load
70 - 400 kg

- Caster fork is made of high tensile steel with harden raceway to provide long lasting service life and extreme high load capacity while maintaining low profile and overall height. It is suitable for application like AMR/AGV and robotic industry products.



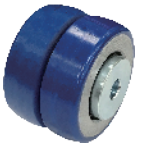


Features



Metal Thread Guard(optinal)

Wheel Options



ZQPU(Dual Wheels)



QPU



Ball Bearing



QPU(Dual Anti-Static Wheels)



King Kong Wheel

*Other Anti-Statuc Wheels Available, Please Contact The Factory

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
1.5", 2"	51 x 65 mm (2" x 2-9/16")	36 x 51.5 mm (1-13/32" x 2-1/32")	6 mm (1/4")
	51 x 84 mm (2" x 3-5/16")	37 x 70 mm (1-15/32" x 2-3/4")	6 mm (1/4")
	60 x 60 mm (2-3/8" x 2-3/8")	42.5 x 42.5 mm (1-11/16" x 1-11/16")	6 mm (1/4")
	60 x 90 mm (2-3/8" x 3-17/32")	44.5 x 73 mm (1-3/14" x 2-7/8")	8 mm (5/16")
2.5", 3", 4"	85 x 110 mm (3-11/32" x 4-11/23")	60 x 80~86 mm (2-3/8" x 3-5/32"~3-3/8")	8 mm (5/16")

Diameter×Width	Load	** Guarantee 2000 KM/ 1250 Miles	Material	Item No.			Bearing	Overall Height	Swivel radius
				Fixed	Swivel	Brake			
34mm x 15mm (33) (1-21/64" x 19/32")	70 kgs (154 lbs)	50 kgs (110 lbs)	ZQPU(Dual Wheels)	1165-15-101-1(2)	1165-15-101-2(2)	—	Ball Bearing	52mm (2-3/64")	Swivel 40 mm
	70 kgs (154 lbs)	50 kgs (110 lbs)	QPU(Dual Anti-Static Wheels)	1165-15-101-1(2)	1165-15-101-2(2)	—			
50mm x 20mm (41.5) (2" x 3/4")	70 kgs (154 lbs)	50 kgs (110 lbs)	ZQPU(Dual Wheels)	1165-02-101-1(2)	1165-02-101-2(2)	—	Ball Bearing	79mm (3-7/64")	Swivel 46 mm
	70 kgs (154 lbs)	50 kgs (110 lbs)	QPU(Dual Anti-Static Wheels)	1165-02-101-1(2)	1165-02-101-2(2)	—			
50mm x 40mm (2" x 1-9/16")	70 kgs (154 lbs)	50 kgs (110 lbs)	QPU	1165-02-53-1(2)	1165-02-53-2(2)	—			
50mm x 45mm (2" x 1-13/16")	70 kgs (154 lbs)	—	King Kong Wheel	1165-02-100-1(2)	1165-02-100-2(2)	—			
62.5mm x 20mm (41.5) (2-1/2" x 3/4")	250 kgs (551 lbs)	84 kgs (185 lbs)	ZQPU(Dual Wheels)	1165-25-101-1(2)	1165-25-101-2(2)	—	Ball Bearing	87mm (3-27/64")	Swivel 65 mm
	200 kgs (440 lbs)	67 kgs (147 lbs)	QPU(Dual Anti-Static Wheels)	1165-25-101-1(2)	1165-25-101-2(2)	—			
62.5mm x 45mm (2-1/2" x 1-13/16")	250 kgs (551 lbs)	—	King Kong Wheel	1165-25-100-1(2)	1165-25-100-2(2)	—			
	200 kgs (440 lbs)	67 kgs (147 lbs)	QPU	1165-25-80-1(2)	1165-25-80-2(2)	—			
62.5mm x 20mm (41.5) (2-1/2" x 3/4")	250 kgs (551 lbs)	84 kgs (185 lbs)	ZQPU(Dual Wheels)	1165-25-101-1(2)	1165-25-101-2(2)	—	Ball Bearing	94mm (3-45/64")	Swivel 62 mm
	200 kgs (440 lbs)	67 kgs (147 lbs)	QPU(Dual Anti-Static Wheels)	1165-25-101-1(2)	1165-25-101-2(2)	—			
62.5mm x 45mm (2-1/2" x 1-13/16")	250 kgs (551 lbs)	—	King Kong Wheel	1165-25-71-1(2)	1165-25-71-2(2)	—			
	200 kgs (440 lbs)	67 kgs (147 lbs)	QPU	1165-25-53-1(2)	1165-25-53-2(2)	—			
75mm x 20mm (41.5) (3" x 3/4")	300 kgs (661 lbs)	100 kgs (220 lbs)	ZQPU(Dual Wheels)	1165-03-101-1(2)	1165-03-101-2(2)	—	Ball Bearing	105.5mm (4-5/32")	Swivel 72.5 mm
	250 kgs (551 lbs)	84 kgs (185 lbs)	QPU(Dual Anti-Static Wheels)	1165-03-101-1(2)	1165-03-101-2(2)	—			
75mm x 45mm (3" x 1-13/16")	300 kgs (661 lbs)	—	King Kong Wheel	1165-03-100-1(2)	1165-03-100-2(2)	—			
	250 kgs (551 lbs)	84 kgs (185 lbs)	QPU	1165-03-80-1(2)	1165-03-80-2(2)	—			
75mm x 20mm (41.5) (3" x 3/4")	300 kgs (661 lbs)	100 kgs (220 lbs)	ZQPU(Dual Wheels)	1165-03-101-1(2)	1165-03-101-2(2)	—	Ball Bearing	115.5mm (4-17/32")	Swivel 72.5 mm
	250 kgs (551 lbs)	84 kgs (185 lbs)	QPU(Dual Anti-Static Wheels)	1165-03-101-1(2)	1165-03-101-2(2)	—			
75mm x 45mm (3" x 1-13/16")	300 kgs (661 lbs)	—	King Kong Wheel	1165-03-71-1(2)	1165-03-71-2(2)	—			
	300 kgs (661 lbs)	100 kgs (661 lbs)	QPU	1165-03-53-1(2)	1165-03-53-2(2)	—			
100mm x 22mm (41.5) (4" x 7/8")	400 kgs (881 lbs)	134 kgs (295 lbs)	ZQPU(Dual Wheels)	1165-04-101-1(2)	1165-04-101-2(2)	—	Ball Bearing	125mm (4-59/64")	Swivel 90 mm
	350 kgs (771 lbs)	117 kgs (157 lbs)	QPU(Dual Anti-Static Wheels)	1165-04-101-1(2)	1165-04-101-2(2)	—			

*The load is tested according to the ISO test standard

** Guarantee 2000 km life span on the selected AGV caster models under normal field application.
Dersheng reserves the right of the final interpretation on the caster test method and 2000 km guarantee.

116S Series AMR/AGV-3 Double Precision Ball Bearing Caster (Medium Duty)

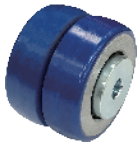
80 - 200 kg

- With two precision ball bearings embedded in the caster fork, this AMR/AGV-3 caster offer durability, dust-prevention and extended service life, compared to traditional stamping fabrication caster. AMR/AGV-3 caster is suitable for light and medium duty AMR/AGVs.





Wheel Options


ZQPU(Dual Wheels)


QPU


QPU on AL Core


Ball Bearing


QPU(Dual Anti-Static Wheels)


Blue Resilient Resolute Rubber


W Resolute

*Other Anti-Statuc Wheels Available, Please Contact The Factory

TOP PLATE SIZE AND BOLT HOLE SPACING

Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
60 x 92 mm (2-3/8" x 3-5/8")	45 x 75 mm (1-3/4" x 3")	8 mm (5/16")
85 x 110 mm (3-11/32" x 4-11/23")	60 x 80 ~ 86 mm (2-3/8" x 3-5/32" ~ 3-3/8")	8 mm (5/16")
100 x 115 mm (4" x 4-1/2")	70 x 85 mm (2-5/8" ~ 3" x 3" ~ 3-5/8")	9.5 mm (3/8")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
50mm x 20mm (41.5) (2" x 3/4")	70 kgs (154 lbs)	ZQPU(Dual Wheels)	-	1165-25-101-2(3)	-	Ball Bearing	87mm	Swivel 65 mm
	70 kgs (154 lbs)	QPU(Dual Anti-Static Wheels)	-	1165-25-101-2(3)	-			
50mm x 45mm (2" x 1-13/16")	70 kgs (154 lbs)	QPU	-	1165-25-53-2(3)	-			
62.5mm x 20mm (41.5) (2-1/2" x 3/4")	200 kgs (440 lbs)	ZQPU(Dual Wheels)	-	1165-25-101-2(3)	-	Ball Bearing	87mm	Swivel 65 mm
	150 kgs (330 lbs)	QPU(Dual Anti-Static Wheels)	-	1165-25-101-2(3)	-			
62.5mm x 45mm (2-1/2" x 1-13/16")	200 kgs (440 lbs)	QPU	-	1165-25-53-2(3)	-			
62.5mm x 20mm (41.5) (2-1/2" x 3/4")	200 kgs (440 lbs)	ZQPU(Dual Wheels)	-	1165-25-101-2(3)	-	Ball Bearing	94mm	Swivel 62 mm
	150 kgs (330 lbs)	QPU(Dual Anti-Static Wheels)	-	1165-25-101-2(3)	-			
62.5mm x 45mm (2-1/2" x 1-13/16")	200 kgs (440 lbs)	QPU	-	1165-25-53-2(3)	-			
75mm x 20mm (41.5) (3" x 3/4")	200 kgs (440 lbs)	ZQPU(Dual Wheels)	-	1165-03-101-2(3)	-	Ball Bearing	102.5mm	Swivel 65 mm
	150 kgs (330 lbs)	QPU(Dual Anti-Static Wheels)	-	1165-03-101-2(3)	-			
75mm x 45mm (3" x 1-13/16")	200 kgs (440 lbs)	QPU	-	1165-03-53-2(3)	-			
75mm x 32mm (3" x 1-1/4")	150 kgs (330 lbs)	QPU on AL Core	-	1165-03-87-2(3)	-			
75mm x 20mm (41.5) (3" x 3/4")	200 kgs (440 lbs)	ZQPU(Dual Wheels)	-	1165-03-101-2(3)	-	Ball Bearing	105.5mm	Swivel 72.5 mm
	150 kgs (330 lbs)	QPU(Dual Anti-Static Wheels)	-	1165-03-101-2(3)	-			
75mm x 45mm (3" x 1-13/16")	200 kgs (440 lbs)	QPU	-	1165-03-53-2(3)	-			
75mm x 32mm (3" x 1-1/4")	150 kgs (330 lbs)	QPU on AL Core	-	1165-03-87-2(3)	-			
100mm x 32mm (4" x 1-1/4")	200 kgs (440 lbs)	QPU on AL Core	-	1165-04-87-2(3)	-	Ball Bearing	130mm	Swivel 86 mm
	80 kgs (176 lbs)	W Resolute	-	1165-04-48-2(3)	-			
100mm x 34mm (4" x 1-1/2")	110 kgs (242 lbs)	Blue Resilient Resolute Rubber	-	1165-04-50-2(3)	-			
125mm x 32mm (5" x 1-1/4")	200 kgs (440 lbs)	QPU on AL Core	-	1165-05-87-2(3)	-	Ball Bearing	158mm	Swivel 99 mm
	100 kgs (220 lbs)	W Resolute	-	1165-05-48-2(3)	-			
125mm x 36mm (5" x 1-1/2")	130 kgs (287 lbs)	Blue Resilient Resolute Rubber	-	1165-05-50-2(3)	-			

*The load is tested according to the ISO test standard

116S Series AMR/AGV-4 Single Precision Ball Bearing Caster (Medium Duty)

- With Single precision ball bearing embedded in the caster fork, this AMR/AGV-4 caster offer durability, dust-prevention and extended service life, compared to traditional stamping fabrication caster. AMR/AGV-4 caster is suitable for light and medium duty AMR/AGVs.

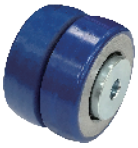
Load
35 - 200 kg





Wheel Options


Resolute(Dual Wheels)


ZQPU(Dual Wheels)


Resolute Rubber Wheel (Crown Surface)


QPU on AL Core


HPU on AL Core


Blue Resilient Resolute Rubber


QPU(Dual Anti-Static Wheels)


E-Conductive (Crown Surface)


W Resolute (Flat Surface)


Ball Bearing

*Other Anti-Statuc Wheels Available, Please Contact The Factory

TOP PLATE SIZE AND BOLT HOLE SPACING

Suffix	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
2", 2.5", 3",4",5"	66x92 mm (2-3/8" x 3-5/8")	45 x 75 mm (1-3/4" x 3")	6.35mm(1/4")
2", 2.5", 3",4",5"	76 x103 mm (3" x 4-1/16")	60 x 80 mm (2-3/8" x 3-1/8")	6.35mm(1/4")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
50mm x 22.5mm(48.5) (2" x 7/8")	60kgs (132lbs)	Resolute(Dual Wheels)	1165-02-68D-1(4)	1165-02-68D-2(4)	—	Ball Bearing	72mm (2-7/8")	47mm (1-7/8")
50mm x 20mm (2" x 3/4")	70kgs (154lbs)	ZQPU(Dual Wheels)	1165-02-101-1(4)	1165-02-101-2(4)	—			
	70kgs (154lbs)	ZQPU(Dual Anti-Static Wheels)	1165-02-101-1(4)	1165-02-101-2(4)	—			
62.5mm x 23.5mm(50.5) (2-1/2" x 15/16")	80kgs (176lbs)	Resolute(Dual Wheels)	1165-25-68D-1(4)	1165-25-68D-2(4)	—	Ball Bearing	85mm (3-1/4")	56mm (2-1/4")
62.5mm x 20mm (2-1/2" x 3/4")	200kgs (440lbs)	ZQPU(Dual Wheels)	1165-25-101-1(4)	1165-25-101-2(4)	—			
	150kgs (330lbs)	ZQPU(Dual Anti-Static Wheels)	1165-25-101-1(4)	1165-25-101-2(4)	—			
62.5mm x 30mm (2-1/2" x 1-1/8")	120kgs (242lbs)	HPU on AL Core	1165-25-117-1(4)	1165-25-117-2(4)	—			52.5mm (2-1/8")
62.5mm x 23.5mm (2-1/2" x 15/16")	50kgs (110lbs)	Resolute Rubber Wheel	1165-25-68-1(4)	1165-25-68-2(4)	—			
	35kgs (77lbs)	E-Conductive	1165-25-17-1(4)	1165-25-17-2(4)	—			
75mm x 24mm(51) (3" x 15/16")	90kgs (198lbs)	Resolute(Dual Wheels)	1165-03-68D-1(4)	1165-03-68D-2(4)	—	Ball Bearing	98mm (3-7/8")	63.5mm (2-1/2")
75mm x 20mm (3" x 15/16")	200kgs (440lbs)	ZQPU(Dual Wheels)	1165-03-101-1(4)	1165-03-101-2(4)	—			
	150kgs (330lbs)	ZQPU(Dual Anti-Static Wheels)	1165-03-101-1(4)	1165-03-101-2(4)	—			
75mm x 31mm (3" x 1-1/4")	90kgs (198lbs)	Resolute Rubber Wheel	1165-03-68-1(4)	1165-03-68-2(4)	—			62mm (2-1/2")
	60kgs (132lbs)	E-Conductive	1165-03-17-1(4)	1165-03-17-2(4)	—			
	100kgs (220lbs)	W Resolute	1165-03-48-1(4)	1165-03-48-2(4)	—			
75mm x 30mm (3" x 1-1/8")	150kgs (330lbs)	QPU on AL Core	1165-03-87-1(4)	1165-03-87-2(4)	—			
100mm x 24.5mm(51.5) (4" x 15/16")	120kgs (264lbs)	Resolute(Dual Wheels)	1165-04-68D-1(4)	1165-04-68D-2(4)	—	Ball Bearing	125mm (4-7/8")	85mm (3-3/8")
100mm x 34mm (4" x 1-3/8")	110kgs (242lbs)	Blue Resilient Resolute Rubber	1165-04-50-1(4)	1165-04-50-2(4)	—			
100mm x 31mm (4" x 1-1/4")	80kgs (196lbs)	W Resolute	1165-04-48-1(4)	1165-04-48-2(4)	—			
	200kgs (440lbs)	QPU on AL Core	1165-04-87-1(4)	1165-04-87-2(4)	—			
125mm x 24.5mm(51.5) (5" x 15/16")	130kgs (286lbs)	Resolute(Dual Wheels)	1165-05-68D-1(4)	1165-05-68D-2(4)	—	Ball Bearing	150mm (5-7/8")	101.5mm (4")
125mm x 36mm (5" x 1-3/8")	130kgs (286lbs)	Blue Resilient Resolute Rubber	1165-05-50-1(4)	1165-05-50-2(4)	—			
125mm x 31mm (5" x 1-1/4")	100kgs (220lbs)	W Resolute	1165-05-48-1(4)	1165-05-48-2(4)	—			
	200kgs (440lbs)	QPU on AL Core	1165-05-87-1(4)	1165-05-87-2(4)	—			

*The load is tested according to the ISO test standard

116S Series

AMR/AGV- 5 Pressed Steel Caster - Single Wheel (Medium/Light Duty)

- Pressed steel caster horn/housing designed to swivel easily under load. Heat-treated raceways guarantee longer service life during the AMR/AGV application. Low overall height and small offset characteristics are ideal for AMR/AGV industry.

Load
30 - 230 kg







Wheel Options



QPU on AL Core



Resolute Rubber Wheel
(Crown Surface)



E-Conductive
(Crown Surface)



W Resolute
(Flat Surface)



Ball Bearing

*Other Anti-Statuc Wheels Available, Please Contact The Factory

TOP PLATE SIZE AND BOLT HOLE SPACING

Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
2"	72 x52 mm (2-7/8" x 2")	51 x 35 mm (2" x 1-3/8")	8mm(5/16")
2.5", 3",4",5"	95 x65 mm (3-3/4" x 2-1/2")	75 x 45 mm (3" x 1-3/4")	8mm(5/16")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
50mm x 22.5mm (2" x 7/8")	40kgs (88lbs)	Resolute Rubber Wheel	—	1165-02-68-2(5)	—	Ball Bearing	73mm (2-7/8")	50mm (2")
	30kgs (66lbs)	E-Conductive TPR Wheel	—	1165-02-17-2(5)	—			
62.5mm x 23.5mm (2.5" x 7/8")	50kgs (110lbs)	Resolute Rubber Wheel	—	1165-25-68-2(5)	—	Ball Bearing	88mm (3-1/2")	62mm (2-1/2")
	40kgs (88lbs)	E-Conductive TPR Wheel	—	1165-25-17-2(5)	—			
75mm x 31mm (3" x 1-1/4")	90kgs (198lbs)	Resolute Rubber Wheel	—	1165-03-68-2(5)	—	Ball Bearing	105.5mm (4-1/8")	76mm (3")
	80kgs (175lbs)	E-Conductive TPR Wheel	—	1165-03-17-2(5)	—			
	160kgs (352lbs)	QPU on AL Core	—	1165-03-87-2(5)	—			
	110kgs (250lbs)	W Resolute Rubber Wheel	—	1165-03-48-2(5)	—			
100mm x 31mm (4" x 1-1/4")	125kgs (275lbs)	Resolute Rubber Wheel	—	1165-04-68-2(5)	—	Ball Bearing	130mm (5-1/8")	88mm (3-1/2")
	80kgs (176lbs)	E-Conductive TPR Wheel	—	1165-04-17-2(5)	—			
	200kgs (440lbs)	QPU on AL Core	—	1165-04-87-2(5)	—			
	135kgs (285lbs)	W Resolute Rubber Wheel	—	1165-04-48-2(5)	—			
125mm x 31mm (5" x 1-1/4")	147kgs (325lbs)	Resolute Rubber Wheel	—	1165-05-68-2(5)	—	Ball Bearing	158mm (6-1/4")	101mm (4")
	90kgs (198lbs)	E-Conductive TPR Wheel	—	1165-05-17-2(5)	—			
	230kgs (506lbs)	QPU on AL Core	—	1165-05-87-2(5)	—			
	147kgs (325lbs)	W Resolute Rubber Wheel	—	1165-05-48-2(5)	—			

*The load is tested according to the ISO test standard

116S Series

AMR/AGV- 6 Pressed Steel Caster - Dual Wheel (Medium/Light Duty)

- Pressed steel caster horn/housing designed to swivel easily under load. Heat-treated raceways guarantee longer service life during the AMR/AGV application. Low overall height and small offset characteristics are ideal for AMR/AGV industry.

Load
50 - 500 kg







Wheel Options


Resolute(Dual Wheels)


ZQPU(Dual Wheels)


QPU(Dual Anti-Static Wheels)


Nylon


King Kong Wheel


Ball Bearing

*Other Anti-Statuc Wheels Available, Please Contact The Factory

TOP PLATE SIZE AND BOLT HOLE SPACING

Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
2", 2.5", 3"	85 x 105 mm (3-5/16" x 4-1/8")	60 x 80 mm 2-3/8"x3-1/4"(European Plate)	8mm(5/16")
2", 2.5", 3"	95 x65 mm (3-3/4" x 2-1/2")	75 x 45 mm (3" x 1-3/4")	8mm(5/16")

1163 Series Eccentric Caster

Load 200-1100 kg

- Der Sheng's Eccentric Caster is a highly engineered caster designed to reduce the force needed to push or pull carts. The swivel caster design features with two precision machined offsetting ball races in a compact assembly to minimize the caster lock up issue happened from time to time. A typical swivel assembly in a caster has only one pivot point. The Der Sheng's Eccentric caster essentially provides a second pivot point that reduces the startup force to get the cart moving when lock up in present. By minimizing the lock up issue and reducing the startup force. Der Sheng's Eccentric Caster is especially fit for application like AMR/AGV and Cart/Equipments carrying extra heavy load while requiring effortless maneuverability.

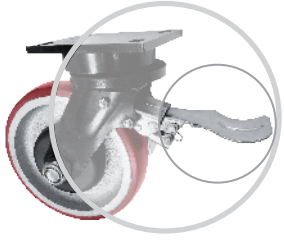




Features


Metal Thread Guard (optional)


Plastic Thread Guard (optional)


Swivel W/Center Lock Brake


Different PU
Tread hardness available

Wheel Options


PU on Cast


PU on AL Core


NBR Rubber on Cast


Nylon


WMRC


QPU


ZQPU (Dual Wheels)


Ball Bearing


VQPU


EPU


Non-marking Rubber on Cast


PU on Cast (2050A/2050B)


EQPU


VPU


XPU on Iron Core


Recilent rubber on AL Core


Non - marking NBR Rubber on Cast


QPU on AL Core

TOP PLATE SIZE AND BOLT HOLE SPACING

Caster Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
4"	90 x 120 mm (3-17/32" x 4-23/32")	60 x 90 mm (2-3/8" x 3-17/32")	11 mm (7/16")
5,6,8"	110 x 140 mm (4-11/32" x 5-1/2")	75 x 110 mm (2-15/16" x 4-11/32")	12 mm (1/2")

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
100mm x 32mm (4"x1-1/4")	250 kgs (550 lbs)	Nylon	1163-04-07-1	1163-04-07-2	1163-04-07-4	Ball Bearing	147mm (5-25/32")	Swivel 116mm Swivel W/Center Lock Brake 116mm
100mm x 34mm (4"x1-3/8")	335 kgs (735 lbs)	QPU (Round)	1163-04-80-1	1163-04-80-2	1163-04-80-4			
	385 kgs (845 lbs)	QPU (Flat)	1163-04-80-1	1163-04-80-2	1163-04-80-4			
100mm x 36mm (4"x1-7/16")	250 kgs (550 lbs)	PU on Cast	1163-04-33-1	1163-04-33-2	1163-04-33-4			
	250 kgs (550 lbs)	PU on AL Core (Round)	1163-04-108-1	1163-04-108-2	1163-04-108-4			
	300 kgs (660 lbs)	QPU on AL Core (Round)	1163-04-87-1	1163-04-87-2	1163-04-87-4			
100mm x 38mm (4"x1-1/2")	200 kgs (440 lbs)	NBR Rubber on Cast	1163-04-04-1	1163-04-04-2	1163-04-04-4			
	200 kgs (440 lbs)	Non-marking Rubber on Cast	1163-04-11-1	1163-04-11-2	1163-04-11-4			
	200 kgs (440 lbs)	Non-marking NBR Rubber on Cast	1163-04-90-1	1163-04-90-2	1163-04-90-4			
100mm x 40mm (4"x1-9/16")	275 kgs (600 lbs)	PU on AL Core (Round)	1163-04-108-1	1163-04-108-2	1163-04-108-4			
	200 kgs (440 lbs)	Recilent rubber on AL Core	1163-04-89-1	1163-04-89-2	1163-04-89-4			
	325 kgs (715 lbs)	QPU on AL Core (Round)	1163-04-87-1	1163-04-87-2	1163-04-87-4			
100mm x 46.5mm (4"x1-13/16")	335 kgs (735 lbs)	ZQPU (Dual Wheels)	1163-04-101-1	1163-04-101-2	1163-04-101-4			
125mm x 40mm (5"x1-9/16")	340 kgs (750 lbs)	PU on Cast	1163-05-33-1	1163-05-33-2	1163-05-33-4	Ball Bearing	170mm (6-11/16")	Swivel 128.5mm Swivel W/Center Lock Brake 128.5mm
	300 kgs (660 lbs)	Nylon	1163-05-07-1	1163-05-07-2	1163-05-07-4			
	300 kgs (660 lbs)	PU on AL Core (Round)	1163-05-108-1	1163-05-108-2	1163-05-108-4			
	350 kgs (770 lbs)	QPU on AL Core (Round)	1163-05-87-1	1163-05-87-2	1163-05-87-4			
	250 kgs (550 lbs)	NBR Rubber on Cast	1163-05-04-1	1163-05-04-2	1163-05-04-4			
	250 kgs (550 lbs)	Non-marking Rubber on Cast	1163-05-11-1	1163-05-11-2	1163-05-11-4			
	250 kgs (550 lbs)	Non-marking NBR Rubber on Cast	1163-05-90-1	1163-05-90-2	1163-05-90-4			
	450 kgs (990 lbs)	QPU (Round)	1163-05-80-1	1163-05-80-2	1163-05-80-4			
	500 kgs (1100 lbs)	QPU (Flat)	1163-05-80-1	1163-05-80-2	1163-05-80-4			
	340 kgs (750 lbs)	EPU (Round Shape)	1163-05-78-1	1163-05-78-2	1163-05-78-4			
	390 kgs (860 lbs)	EPU (Flat Shape)	1163-05-78-1	1163-05-78-2	1163-05-78-4			
	450 kgs (990 lbs)	EQPU (Round Shape)	1163-05-81-1	1163-05-81-2	1163-05-81-4			
	500 kgs (1100 lbs)	EQPU (Flat Shape)	1163-05-81-1	1163-05-81-2	1163-05-81-4			

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
125mm x 50mm (5" x 2")	400 kgs (880 lbs)	PU on AL Core (Flat)	1163-05-108-1	1163-05-108-2	1163-05-108-4	Ball Bearing	170mm (6-11/16")	Swivel 128.5mm Swivel W/Center Lock Brake 128.5mm
	450 kgs (990 lbs)	QPU on AL Core (Flat)	1163-05-87-1	1163-05-87-2	1163-05-87-4			
125mm x 51mm (5" x 2")	450 kgs (990 lbs)	ZQPU (Dual Wheels)	1163-05-101-1	1163-05-101-2	1163-05-101-4			
150mm x 40mm (6"x1-9/16")	400 kgs (880 lbs)	Nylon	1163-06-07-1	1163-06-07-2	1163-06-07-4	Ball Bearing	197mm (7-3/4")	Swivel 153.5mm Swivel W/Center Lock Brake 153.5mm
	350 kgs (770 lbs)	NBR Rubber on Cast	1163-06-04-1	1163-06-04-2	1163-06-04-4			
	300 kgs (660 lbs)	Non-marking Rubber on Cast	1163-06-11-1	1163-06-11-2	1163-06-11-4			
	300 kgs (660 lbs)	Non-marking NBR Rubber on Cast	1163-06-90-1	1163-06-90-2	1163-06-90-4			
	400 kgs (880 lbs)	WMRC	1163-06-45-1	1163-06-45-2	1163-06-45-4			
150mm x 42mm (6"x1-5/8")	410 kgs (900 lbs)	PU on Cast	1163-06-33-1	1163-06-33-2	1163-06-33-4			
	400 kgs (880 lbs)	PU on AL Core (Round)	1163-06-108-1	1163-06-108-2	1163-06-108-4			
	450 kgs (990 lbs)	QPU on AL Core (Round)	1163-06-87-1	1163-06-87-2	1163-06-87-4			
	550 kgs (1200 lbs)	QPU (Round)	1163-06-80-1	1163-06-80-2	1163-06-80-4			
	600 kgs (1320 lbs)	QPU(Flat)	1163-06-80-1	1163-06-80-2	1163-06-80-4			
	500 kgs (1100 lbs)	VPU (Round)	1163-06-82-1	1163-06-82-2	1163-06-82-4			
	670 kgs (1475 lbs)	VQPU (Round Shape)	1163-06-83-1	1163-06-83-2	1163-06-83-4			
	800 kgs (1760 lbs)	XPU on Iron Core (Round)	1163-06-91-1	1163-06-91-2	1163-06-91-4			
	410 kgs (900 lbs)	EPU (Round)	1163-06-78-1	1163-06-78-2	1163-06-78-4			
	460 kgs (1010 lbs)	EPU (Flat)	1163-06-78-1	1163-06-78-2	1163-06-78-4			
	550 kgs (1200 lbs)	EQPU (Round)	1163-06-81-1	1163-06-81-2	1163-06-81-4			
	600 kgs (1320 lbs)	EQPU (Flat)	1163-06-81-1	1163-06-81-2	1163-06-81-4			
150mm x 50mm (6" x 2")	450 kgs (990 lbs)	PU on AL Core (Flat)	1163-06(50)-108-1	1163-06(50)-108-2	1163-06(50)-108-4			
	500 kgs (1100 lbs)	QPU on AL Core (Flat)	1163-06(50)-87-1	1163-06(50)-87-2	1163-06(50)-87-4			
150mm x 51mm	550 kgs (1210 lbs)	ZQPU (Dual Wheels)	1163-06-101-1	1163-06-101-2	1163-06-101-4			
180mm x 44mm (7" x 1-3/4")	450 kgs (990 lbs)	PU on AL Core (Round)	1163-07-108-1	1163-07-108-2	1163-07-108-4	Ball Bearing	238mm (9-3/8")	Swivel 181.5mm Swivel W/Center Lock Brake 181.5mm
	600 kgs (1320 lbs)	QPU on AL Core (Round)	1163-07-87-1	1163-07-87-2	1163-07-87-4			

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
180mm x 50mm (7" x 2")	450 kgs (990 lbs)	PU on Cast	1163-07-33-1	1163-07-33-2	1163-07-33-4	Ball Bearing	238mm (9-3/8")	Swivel 181.5mm Swivel W/Center Lock Brake 181.5mm
	600 kgs (1320 lbs)	QPU(Round)	1163-07-80-1	1163-07-80-2	1163-07-80-4			
	650 kgs (1430 lbs)	VPU (Round)	1163-07-82-1	1163-07-82-2	1163-07-82-4			
	650 kgs (1430 lbs)	XPU on Iron Core (Round)	1163-07-91-1	1163-07-91-2	1163-07-91-4			
	650 kgs (1430 lbs)	VQPU (Round Shape)	1163-07-83-1	1163-07-83-2	1163-07-83-4			
200mm x 44mm (8"x1-3/4")	350 kgs (770 lbs)	NBR Rubber on Cast	1163-08-04-1	1163-08-04-2	1163-08-04-4	Ball Bearing	248mm (9-3/4")	Swivel 191.5mm Swivel W/Center Lock Brake 191.5mm
	350 kgs (770 lbs)	Non-marking Rubber on Cast	1163-08-11-1	1163-08-11-2	1163-08-11-4			
	350 kgs (770 lbs)	Non-marking NBR Rubber on Cast	1163-08-90-1	1163-08-90-2	1163-08-90-4			
	400 kgs (880 lbs)	Recilent rubber on AL Core	1163-08-89-1	1163-08-89-2	1163-08-89-4			
200mm x 50mm (8" x 2")	450 kgs (990 lbs)	PU on Cast	1163-08-33-1	1163-08-33-2	1163-08-33-4	Ball Bearing	248mm (9-3/4")	Swivel 191.5mm Swivel W/Center Lock Brake 191.5mm
	450 kgs (990 lbs)	Nylon	1163-08-07-1	1163-08-07-2	1163-08-07-4			
	750 kgs (1650 lbs)	PU on Cast (2050A/2050B)	1163-08-62-1	1163-08-62-2	1163-08-62-4			
	450 kgs (990 lbs)	WMRC	1163-08-45-1	1163-08-45-2	1163-08-45-4			
	500 kgs (1100 lbs)	PU on AL Core (Round)	1163-08-108-1	1163-08-108-2	1163-08-108-4			
	550 kgs (1200 lbs)	PU on AL Core (Flat)	1163-08-108-1	1163-08-108-2	1163-08-108-4			
	650 kgs (1430 lbs)	QPU on AL Core (Round)	1163-08-87-1	1163-08-87-2	1163-08-87-4			
	700 kgs (1540 lbs)	QPU on AL Core (Flat)	1163-08-87-1	1163-08-87-2	1163-08-87-4			
	670 kgs (1475 lbs)	QPU (Round)	1163-08-80-1	1163-08-80-2	1163-08-80-4			
	720 kgs (1580 lbs)	QPU (Flat)	1163-08-80-1	1163-08-80-2	1163-08-80-4			
	670 kgs (1475 lbs)	VPU (Round)	1163-08-82-1	1163-08-82-2	1163-08-82-4			
	800 kgs (1760 lbs)	VQPU (Round)	1163-08-83-1	1163-08-83-2	1163-08-83-4			
	1100 kgs (2420 lbs)	XPU on Iron Core (Round)	1163-08-91-1	1163-08-91-2	1163-08-91-4			
	650 kgs (1430 lbs)	EPU (Round Shape)	1163-08-78-1	1163-08-78-2	1163-08-78-4			
	700 kgs (1540 lbs)	EPU (Flat Shape)	1163-08-78-1	1163-08-78-2	1163-08-78-4			
	750 kgs (1650 lbs)	EQPU (Round Shape)	1163-08-81-1	1163-08-81-2	1163-08-81-4			
	800 kgs (1760 lbs)	EQPU (Flat Shape)	1163-08-81-1	1163-08-81-2	1163-08-81-4			
200mm x 51mm	650 kgs (1430 lbs)	ZQPU (Dual Wheels)	1163-08-101-1	1163-08-101-2	1163-08-101-4			

Diameter×Width	Load	Material	Item No.			Bearing	Overall Height	Swivel radius
			Fixed	Swivel	Brake			
50mm x 45mm (2" x 1-3/4")	200kgs (440lbs)	Nylon	—	1165-02-07-2(6)	—	Ball Bearing	74mm (2-7/8")	48mm (1-7/8")
	250kgs (551lbs)	King Kong Wheel	—	1165-02-100-2(6)	—			
50mm x 20mm(41.5) (2" x 3/4")	70kgs (154lbs)	ZQPU(Dual Wheels)	—	1165-02-101-2(6)	—			
	70kgs (154lbs)	QPU(Dual Anti-Static Wheels)	—	1165-02-101-2(6)	—			
50mm x 22.5mm (2" x 7/8")	60kgs (132lbs)	Resolute(Dual Wheels)	—	1165-02-68-2(6)	—			
50mm x 45mm (2" x 1-3/4")	200kgs (440lbs)	Nylon	—	1165-02-07-2(6)	—	Ball Bearing	83.5mm (3-1/4")	56mm (2-1/4")
	250kgs (551lbs)	King Kong Wheel	—	1165-02-100-2(6)	—			
50mm x 20mm(41.5) (2" x 3/4")	70kgs (154lbs)	ZQPU(Dual Wheels)	—	1165-02-101-2(6)	—			
	70kgs (154lbs)	QPU(Dual Anti-Static Wheels)	—	1165-02-101-2(6)	—			
50mm x 22.5mm (2" x 7/8")	60kgs (132lbs)	Resolute(Dual Wheels)	—	1165-02-68-2(6)	—			
62.5mm x 45mm (2.5" x 1-3/4")	250kgs (551lbs)	Nylon	—	1165-25-07-2(6)	—	Ball Bearing	90mm (3-1/2")	60mm (3-5/8")
	450kgs (992lbs)	King Kong Wheel	—	1165-25-100-2(6)	—			
62.5mm x 20mm(41.5) (2.5" x 3/4")	250kgs (551lbs)	ZQPU(Dual Wheels)	—	1165-25-101-2(6)	—			
	200kgs (440lbs)	QPU(Dual Anti-Static Wheels)	—	1165-25-101-2(6)	—			
62.5mm x 45mm (2.5" x 1-3/4")	250kgs (551lbs)	Nylon	—	1165-25-07-2(6)	—	Ball Bearing	96mm (3-3/4")	68.5mm (2-3/4")
	450kgs (992lbs)	King Kong Wheel	—	1165-25-100-2(6)	—			
62.5mm x 20mm(41.5) (2.5" x 3/4")	250kgs (551lbs)	ZQPU(Dual Wheels)	—	1165-25-101-2(6)	—			
	200kgs (440lbs)	QPU(Dual Anti-Static Wheels)	—	1165-25-101-2(6)	—			
75mm x 45mm (3" x 1-3/4")	300kgs (661lbs)	Nylon	—	1165-03-07-2(6)	—	Ball Bearing	102.5mm (4")	75mm (3")
	500kgs (1102lbs)	King Kong Wheel	—	1165-03-100-2(6)	—			
75mm x 20mm(41.5) (3" x 3/4")	300kgs (661lbs)	ZQPU(Dual Wheels)	—	1165-03-101-2(6)	—			
	250kgs (551lbs)	QPU(Dual Anti-Static Wheels)	—	1165-03-101-2(6)	—			

*The load is tested according to the ISO test standard

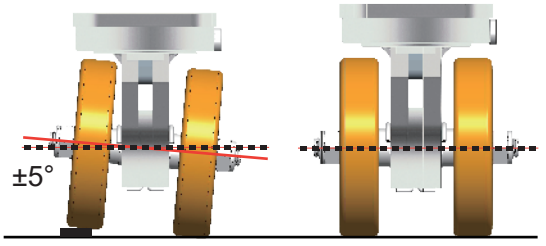
1163-1 Series Self-balancing Caster

Der Sheng's Self-balancing Caster has the newly developed tilting structure which can tilt freely according to the flatness of the ground while at the same time, it also maintains stability and effectively reduces the wobble of the caster when rotating. Two wheels are under force at the same time minimize wear and tear, thus extending service life. The caster design features elastic and noise reduction functions. Dersheng's Self-balancing Caster fork is made of high tensile steel with harden raceway to provide long lasting service life and extreme high load capacity while maintaining low profile and overall height. It is suitable for application like AMR/AGV and robotic industry products.

Load 150-700 kg

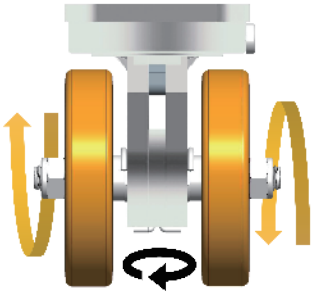


Features

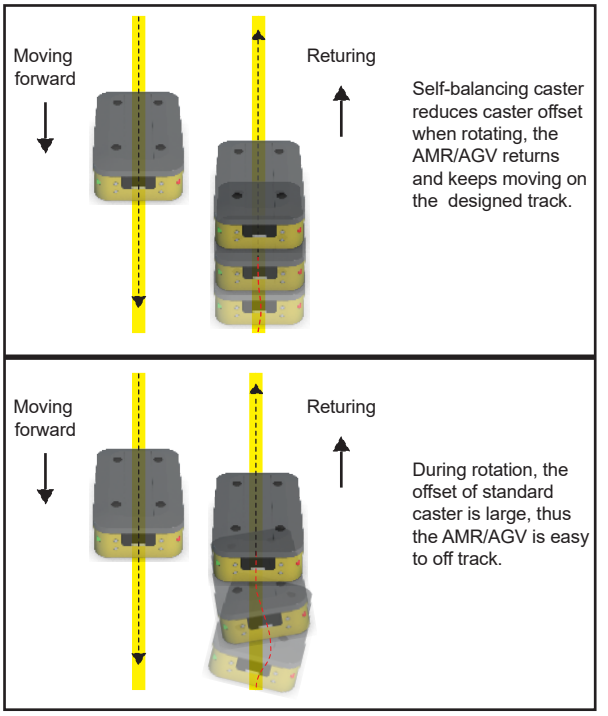


The caster can tilt freely in the range of ±5° from its central axis, it can easily cross uneven ground and small obstacles, also can maintain stability and protect the loaded products.

The split wheel rotates in different directions when AMR/AGV rotates, after reaching the position, they start to rotate in the same direction.This structure can effictively reduce caster offset and prevent the AMG/AGV from leaving the track.



The dual wheels structure effectively reduce caster offset when rotating, and prevent the AMR/AGV from leaving the track



Wheel Options


EQPU


XPU on Iron Core


ZQPU


Ball Bearing

TOP PLATE SIZE AND BOLT HOLE SPACING

Size	Top Plate Size	Bolt Hole Spacing	Attaching Bolt Size
2”	62 x 90 mm (2-1/2" x 3-1/2")	44.5 x 73 mm 1-3/4" x 3-1/8"	8mm (5/16")
2” 2.5” 3”	64 x 96 mm (2-1/2" x 3-25/32")	45 x 75 mm 1-3/4" x 3"	6.35mm (1/4")
2” 2.5” 3” 3.2” 4” 5” 6”	85 x 110mm(3-5/16" x 4-11/32")	60 x 80mm 2-3/8" x 3-1/8" (European Plate)	8mm (5/16")
3.2” 4” 5” 6”	110 x 140 mm (4-11/32" x 5-1/2")	75 x 110 mm (2-15/16" x 4-11/32")	12 mm (1/2")

	Diameter×Width	Load	Material	Item No. Swivel	Bearing	Overall Height	Offset	Swivel radius
Light Duty	50mm x 20mm (2"x 0.79")	70kgs (154 lbs)	ZQPU輪 ZQPU	1163(1)-02-115-2	Ball Bearing	79 mm	20.5 mm	55 mm
	62.5mm x 20mm (2.5"x 0.79")	150kgs (330 lbs)	ZQPU	1163(1)-25-115-2		94 mm	24 mm	65 mm
	75mm x 20mm (3"x 0.79")	180kgs (396 lbs)	ZQPU	1163(1)-03-115-2		105 mm	22 mm	69 mm
Medium Duty	75mm x 30mm (3"x 1.18")	300kgs (660 lbs)	QPU	1163(1)-03-81-2	Ball Bearing	105 mm	22 mm	72 mm
	100mm x 22mm (4"x 0.87")	280kgs (616 lbs)	ZQPU	1163(1)-04-115-2		130 mm	30 mm	91 mm
	125mm x 24mm (5"x 1")	330kgs (726 lbs)	ZQPU	1163(1)-05-115-2		155 mm	33 mm	104 mm
	150mm x 24mm (6"x 1")	380kgs (836 lbs)	ZQPU	1163(1)-06-115-2		180 mm	35 mm	118 mm
Heavy Duty	80mm x 35mm (3.2"x 1.38")	400kgs (880 lbs)	XPU	1163(1)-03-96-2	Ball Bearing	110 mm	30 mm	90 mm
	100mm x 32mm (4"x 1.26")	400kgs (880 lbs)	QPU (Round)	1163(1)-04-81-2		130 mm	30 mm	99 mm
Extra Heavy Duty	80mm x 42mm (3.2"x 1.65")	550kgs (1210 lbs)	XPU	1163(1)-03-96-2(1)	Ball Bearing	110 mm	30 mm	93 mm
	125mm x 40mm (5"x 1.57")	600kgs (1320 lbs)	EQPU (Round)	1163(1)-05-81-2		155 mm	33 mm	113 mm
	150mm x 42mm (6"x 1.65")	700kgs (1540 lbs)	EQPU (Round)	1163(1)-06-81-2		180 mm	35 mm	127 mm