



## 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")	75 x 80 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 22 mm(CN) 7/16" diameter x 7/8" (2" Caster only)	2	11 x 38 mm(CN) 7/16" diameter x 1-1/2" (2" Caster only)
3	11 x 50 mm(CN) 7/16" diameter x 2" (2" Caster only)	4	22 x 56 mm(TW) 0.865" diameter x 2-3/16" (For 3"~5")

» **THREADED STEM SPECIFICATION**

Suffix	Threaded Size	Suffix	Threaded Size
1	3/8-16UNC x 19mm (TW)(CN) (2" Caster only)	2	3/8-16UNC x 25mm (TW)
3	3/8-16UNC x 32mm (TW)	4	1/2-12UNC x 32mm (TW)
5	1/2-13UNC x 25mm (CN)	6	5/8-11UNC x 32mm (TW)
7	M12-1.75 x 25mm (TW)	8	M12-1.75 x 29mm (CN)

 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")  Cylindrical Stem Version OAH: 65 mm (2-9/16")  Threaded Stem Version OAH: 70 mm (2-3/4")	Swivel 47mm  Posi Lock Brake 67.5 mm  Swivel W/Total Lock 81.5 mm
	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		
	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			
	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			
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			



 Diameter×Width	 Load	 Material	 Item No.			 Bearing	 Overall Height	 Swivel radius
			Fixed	Swivel	Brake			
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			
	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	Plain Bearing		
	140 kgs (305 lbs)	Nylon	1111-05-07-1	1111-05-07-2	1111-05-07-4			
	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		
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			