



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 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 x 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 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			
	30 kgs (66 lbs)	Resolute	1111-02-68-1	1111-02-68-2	1111-02-68-4	Plain Bearing	Cylindrical Stem Version OAH: 65 mm (2-9/16")	
	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			
						Threaded Stem Version OAH: 70 mm (2-3/4")		



 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")	Swivel 73.5mm	
	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	Plain Bearing	Threaded Stem Version OAH: 112.5 mm (4-7/16")	Swivel W/Side Brake 90 mm	
	100 kgs (220 lbs)	Nylon	1111-03-07-1	1111-03-07-2	1111-03-07-4				
	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")	Swivel 88 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				Plain Bearing
	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			
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	Threaded Stem Version OAH: 138 mm (5-7/16")	Swivel W/Side Brake 92 mm		



 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			