



1165 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-Static 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 x 52 mm (2-7/8" x 2")	51 x 35 mm (2" x 1-3/8")	8mm(5/16")
2.5", 3", 4", 5"	95 x 65 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