



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.

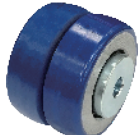
Load
35 - 200 kg



» 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-Static 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 x 103 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