



# 116S Series

## AMR/AGV-6 強化美國輪-雙輪系列(中輕型)

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

載重 Load  
50 - 500 kg

- 腳架採用高鋼性板材，配合熱處理珠道及高精度滾珠來達到極高的荷重與長時間的使用壽命，腳架旋轉靈活、同時確保低重心需求，輪面接觸地面大或雙輪結構，受力支撐更平穩使用更持久，適用於AMR/AGV (無人車)使用。
- 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.



### ▶ 輪子選項 Wheel Options



\*有其它抗靜電輪可供選擇 · 如有需求請聯絡工廠  
 \*Other Anti-Static Wheels Available, Please Contact The Factory

### ▶ 底板規格 TOP PLATE SIZE AND BOLT HOLE SPACING

編號 Suffix	底板尺寸 Top Plate Size	底板孔距 Bolt Hole Spacing	安裝尼帽尺寸 Attaching Bolt Size
1	85 x 105 mm (3-5/16" x 4-1/8")	60 x 80 mm 2-3/8"x3-1/4"(European Plate)	8 mm (5/16")
2	95 x65 mm (3-3/4" x 2-1/2")	75 x 45 mm (3" x 1-3/4")	8 mm (5/16")
3	100 x 115 mm (3-7/8" x 4-1/2")	75 x 80 mm (3" x 3-1/4")	10 mm (3/8")



輪徑×輪寬 Diameter×Width	載重 Load	材質 Material	型號 Item No.			軸承 Bearing	總高 Overall Height	迴旋半徑 Swivel radius
			固定 Fixed	活動 Swivel	剎車 Brake			
50mm x 45mm (2" x 1-3/4")	200kgs (440lbs)	尼龍輪 Nylon	—	1165-02-07-2(6)	—	滾珠軸承 Ball Bearing	74mm (2-7/8")	48mm (1-7/8")
	250kgs (551lbs)	金鋼輪 King Kong Wheel	—	1165-02-100-2(6)	—			
50mm x 20mm(41.5) (2" x 3/4")	70kgs (154lbs)	ZQPU雙輪 ZQPU(Dual Wheels)	—	1165-02-101-2(6)	—	滾珠軸承 Ball Bearing	83.5mm (3-1/4")	56mm (2-1/4")
	70kgs (154lbs)	ZQPU輪(抗靜電) QPU(Dual Anti-Static Wheels)	—	1165-02-101-2(6)	—			
50mm x 22.5mm (2" x 7/8")	60kgs (132lbs)	全效雙輪 Resolute(Dual Wheels)	—	1165-02-68-2(6)	—			
50mm x 45mm (2" x 1-3/4")	200kgs (440lbs)	尼龍輪 Nylon	—	1165-02-07-2(6)	—	滾珠軸承 Ball Bearing	83.5mm (3-1/4")	56mm (2-1/4")
	250kgs (551lbs)	金鋼輪 King Kong Wheel	—	1165-02-100-2(6)	—			
50mm x 20mm(41.5) (2" x 3/4")	70kgs (154lbs)	ZQPU雙輪 ZQPU(Dual Wheels)	—	1165-02-101-2(6)	—	滾珠軸承 Ball Bearing	83.5mm (3-1/4")	56mm (2-1/4")
	70kgs (154lbs)	ZQPU輪(抗靜電) QPU(Dual Anti-Static Wheels)	—	1165-02-101-2(6)	—			
50mm x 22.5mm (2" x 7/8")	60kgs (132lbs)	全效雙輪 Resolute(Dual Wheels)	—	1165-02-68-2(6)	—			
62.5mm x 45mm (2.5" x 1-3/4")	250kgs (551lbs)	尼龍輪 Nylon	—	1165-25-07-2(6)	—	滾珠軸承 Ball Bearing	90mm (3-1/2")	60mm (3-5/8")
	450kgs (992lbs)	金鋼輪 King Kong Wheel	—	1165-25-100-2(6)	—			
62.5mm x 20mm(41.5) (2.5" x 3/4")	250kgs (551lbs)	ZQPU雙輪 ZQPU(Dual Wheels)	—	1165-25-101-2(6)	—	滾珠軸承 Ball Bearing	90mm (3-1/2")	60mm (3-5/8")
	200kgs (440lbs)	ZQPU輪(抗靜電) QPU(Dual Anti-Static Wheels)	—	1165-25-101-2(6)	—			
62.5mm x 45mm (2.5" x 1-3/4")	250kgs (551lbs)	尼龍輪 Nylon	—	1165-25-07-2(6)	—	滾珠軸承 Ball Bearing	96mm (3-3/4")	68.5mm (2-3/4")
	450kgs (992lbs)	金鋼輪 King Kong Wheel	—	1165-25-100-2(6)	—			
62.5mm x 20mm(41.5) (2.5" x 3/4")	250kgs (551lbs)	ZQPU雙輪 ZQPU(Dual Wheels)	—	1165-25-101-2(6)	—	滾珠軸承 Ball Bearing	96mm (3-3/4")	68.5mm (2-3/4")
	200kgs (440lbs)	ZQPU輪(抗靜電) QPU(Dual Anti-Static Wheels)	—	1165-25-101-2(6)	—			
75mm x 45mm (3" x 1-3/4")	300kgs (661lbs)	尼龍輪 Nylon	—	1165-03-07-2(6)	—	滾珠軸承 Ball Bearing	102.5mm (4")	75mm (3")
	500kgs (1102lbs)	金鋼輪 King Kong Wheel	—	1165-03-100-2(6)	—			
75mm x 20mm(41.5) (3" x 3/4")	300kgs (661lbs)	ZQPU雙輪 ZQPU(Dual Wheels)	—	1165-03-101-2(6)	—	滾珠軸承 Ball Bearing	102.5mm (4")	75mm (3")
	250kgs (551lbs)	ZQPU輪(抗靜電) QPU(Dual Anti-Static Wheels)	—	1165-03-101-2(6)	—			
100mm x 34mm (4" x 1-3/8")	300kgs (661lbs)	鋁芯AQPU QPU on AL Core	—	1165-04-87-2(6)	—	滾珠軸承 Ball Bearing	130mm (5-1/8")	90mm (3-1/2")
100mm x 40mm (4" x 1-5/8")	350kgs (770lbs)	鋁芯AQPU QPU on AL Core	—	1165-04-87-2(6)	—			
100mm x 20mm(41.5) (4" x 3/4")	300kgs (661lbs)	ZQPU雙輪 ZQPU(Dual Wheels)	—	1165-04-101-2(6)	—	滾珠軸承 Ball Bearing	142.5mm (5-5/8")	90mm (3-1/2")
	300kgs (661lbs)	ZQPU輪(抗靜電) QPU(Dual Anti-Static Wheels)	—	1165-04-101-2(6)	—			
125mm x 40mm (5" x 1-5/8")	350kgs (770lbs)	鋁芯AQPU QPU on AL Core	—	1165-03-87-2(6)	—	滾珠軸承 Ball Bearing	155mm (6-1/8")	103mm (4")
	250kgs (551lbs)	EQPU輪 EQPU	—	1165-03-81-2(6)	—			
100mm x 20mm(41.5) (4" x 3/4")	300kgs (661lbs)	ZQPU雙輪 ZQPU(Dual Wheels)	—	1165-05-101-2(6)	—	滾珠軸承 Ball Bearing	142.5mm (5-5/8")	90mm (3-1/2")
	250kgs (551lbs)	ZQPU輪(抗靜電) QPU(Dual Anti-Static Wheels)	—	1165-05-101-2(6)	—			
150mm x 42mm (6" x 1-5/8")	400kgs (880lbs)	鋁芯AQPU QPU on AL Core	—	1165-06-87-2(6)	—	滾珠軸承 Ball Bearing	188mm (7-3/8")	115mm (4-1/2")
	400kgs (880lbs)	EQPU輪 EQPU	—	1165-06-81-2(6)	—			
	400kgs (880lbs)	QPU輪 QPU	—	1165-06-80-2(6)	—			

\*荷重皆根據ISO測試標準制定 \*The load is tested according to the ISO test standard