

# MiR Shelf Carrier 250 specifications

## General information

Designated use	The MiR Shelf Carrier is an anchoring device, that makes it possible to lock to shelves and move them
Type	Shelf Carrier for MiR250
Color	RAL 9005 / Signal Black - glow 10
Disclaimer	Specifications may vary based on local conditions and application setup

## Dimensions

Length	778 mm   30.6 in
Width	560 mm   22.8 in
Height	77 mm   3 in
Height with MiR250	370 mm   14.6 in
Lifting height	27 mm   1.1 in
Weight with MiR250 (without battery or payload)	146 kg   321 lbs (without battery or payload)
Load surface	800 × 580 mm   31.5 × 22.8 in

## Payload

Maximum carrier payload	Up to 300 kg   661 lbs including the weight of the cart at < 1% incline
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## Performance

Maximum speed (with maximum payload on a flat surface)	1.2 m/s (4.3 km/h)   3.9 ft/s (2.7 mph)
Number of lift cycles (with maximum payload)	Minimum 150 000
Power consumption	35 W
Operational corridor width	1 750 mm   68.9 in
Operational corridor width for a 90° turn	1 750 mm   68.9 in
Operational corridor width for a 180° turn	1 750 mm   68.9 in
Operational doorway width	With default setup: 1 600 mm   63 in
Operational doorway width for pivoting	2 000 mm   78.7 in
Space needed for placing and picking up a shelf	550 mm   21.6 in behind the shelf, 2 000 mm   78.7 in in front of the shelf, 600 mm   23.6 in on each side of the shelf
Tolerance for successful pickup of a shelf on a shelf position	± 100 mm   3.9 in to the left/right (x-axis), ± 100 mm   3.9 in closer/further away (y-axis), ± 10 degrees yaw

## Environment

IP class	IP 21
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## Safety

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Safe load position

Triggered if the speed exceeds 0.3 m/s while the lift/carrier is being lowered or raised