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XR15-W ULTRA COMPACT IN WHEEL AGV MOTOR

XR15-W
PMW Dynamics XR15-W wheel hub motor for AGV



- Direct Drive
- 8Nm of torque (13Nm peak) and 450rpm
- Suitable for a wide range of wheels and tyres.
- Integrated encoder and thermal sensor
- 130mm diamter wheel

PRODUCT DESCRIPTION

The XR15-W Integrated Wheel Motor from PMW Dynamics is designed to be a natural fit for automated warehousing.
Engineeredto fit the unique demands of warehouse environments, the XR15-W represents a leap forward in compact design and effortless integration.
The 48V volt unit is supplied in its IP54 housing and can be easily added to a customer's application. The XR15-W is also supplied with an internal encoder so simply needs to connect to the customers preferred drive solution to have an operational motor within minutes.

Typical applications include, Medical patient trolley, AGV or AMR in automated warehouses.

TECHNICAL DATA

Diameter	130 mm
Peak torque	13
Permitted axial load	100 kg
Permitted radial load	65 kg
Rated continuous current	12 A
Rated power output	486 W
Rated speed	580 rpm
Rated terminal voltage	42 V
Torque constant	0.56 Nm/A
Torque constant ±5%	0.56 N/cm/A