

Explanation AR-275DR

The standard AR-275 can be equipped with an electrical driven trolley to move the Ceiling Hoist in the rail with the use of the hand control.

Functions of the AR-275

See datasheet AR-275 for the functions and values/units of the Ceiling Hoist.

Datasheet driven trolley AR-275DR (2027DR)

Functions	Value/unit/description
Usage	In all PLS Rail and Rail Components
Operation	Hand control, using of the backwards and upright buttons, activation of the driven function by lifting a patient. Without a patient (load) operatable manually.
Weight	2 kg
Sound level driving (full speed)	35 dB
Speed (@0 kg)	Manually transfer (unlimited)
Speed (@80 kg)	0,232 m/sec
Speed (@120 kg)	0,231 m/sec
Speed (@200 kg)	0,227 m/sec
Speed (average)	0,230 m/sec
Starting distance from zero to full speed (average)	85 cm
Stopping distance from full speed to zero (average)	25 cm
Height between top cover and underside Rail (unloaded)	26,5 mm
Electrical connection	On PCB of the Ceiling Hoist
Input voltage	24 V/DC (connected to batteries PLS Ceiling Hoist)
IP rating (covered)	IP-52
Dimensions (mm)	See picture below

(Safety) features	Description
Operation	Can only be used manually when no load is added.
Slow start/ slow stop	Build in a slow start / slow stop function to maximize comfort.
Designed for PLS rail	The Driven Trolley is rotatable like the normal trolley's to fit in the curves and rail components of PLS

