

HDX 40E

Technical specifications



GENERAL

Type	HDX-40e
Designated use	Ad-on for Autonomous Mobile Robots, and/or as a stationary workplace - lifting pallets and other loads of up to 1.500 kg.
Color	RAL9005
Payload (Set)	Max. 1.500 kg.
Part No.	20070000

DIMENSIONS (one)

Length	1250 mm. +/- 3,0 mm.
Width	190 mm. +/- 2,0 mm.
Height	90 mm. +/- 3,5 mm.
Height when lifted	200 mm. +/- 5,0 mm.
Weight (Set)	68 kg.
Standard interface set-up	Loose wire ends and quick-lock mount

POWER

Voltage	48 V.
Operating current / no load (Set)	6 A.
Operating current / Full load (Set)	32 A.

ENVIRONMENT

Duty cycle full load	Max. 20%
Ambient temperature	-25° to +50°C (full performance from +5°C to +40°C)
Storage temperature	-25° to +60°C
Humidity	10-95%
Operating environment	Industrial

SAFETY

Closed cabinet	Yes
Overload protection	Yes
Ingress Protection	IP66
External SLS switch	Optional
Integrated emergency stop	No

TEST AND PERFORMANCE

Life cycle test - no maintenance	250.000 Cycles
Completed life cycle test with maintenance	500.000 Cycles
CoG displacement full load	150 mm.
Drop test - no load	500 mm.

INPUT/OUTPUT

Power connection	Customer specific - See connector specification
GPIO	Customer specific - See connector specification
Emergency stop	Not in use
SLS switch	Customer specific - See connector specification
Payload detection	Optional

Ad-On

Slide stop	Optional
Light indicator	Optional
Tool mounting points	Optional