

# Product datasheet

## Characteristics

# PAS43E1250

portal axis PAS E - profile size 80x80mm - toothed belt - ball - stroke 1250mm



### Main

Range of product	Lexium PAS E
Product or component type	Portal axis
Product specific application	For 1 direction
Load position	On carriage
Drive type	Toothed belt
Guide type	Ball

### Complementary

Operating position	Horizontal
Typical payload	25 kg
Distance per revolution	205 mm
Operating force	1100 N for Fx 4410 N for Fy 4410 N for Fz
Maximum speed	2 m/s
Maximum acceleration	15 m/s <sup>2</sup>
Max. drive torque	4 N.m
Max. torque	<5 N.m for Mx <11 N.m for My <17 N.m for Mz
Stroke	1250 mm
Product weight	18 kg at 0 stroke with carriage and motor 2.1 kg of carriage 40.4 kg total
Repeat accuracy	+/- 0.05 mm
Outer dimension	80 x 80 mm
Service life	30000 km
Associated module	PLE80 planetary gearbox, reduction ratio: 5:1 (supplied) BMH1002P06A2A servo motor (supplied) LXM32.D18N4 servo drive (not supplied)

### Offer Sustainability

REACH Regulation

[REACH Declaration](#)

REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

### Contractual warranty

Warranty	18 months
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