

Product datasheet

Characteristics

PAS41E1100

portal axis PAS E - profile size 40x40mm - toothed belt - roller - stroke 1100mm



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	Roller

Complementary

Operating position	Horizontal
Typical payload	4 kg
Distance per revolution	84 mm
Operating force	300 N for Fx 660 N for Fy 430 N for Fz
Maximum speed	2 m/s
Maximum acceleration	15 m/s ²
Max. drive torque	4 N.m
Max. torque	<5 N.m for Mx <11 N.m for My <17 N.m for Mz
Stroke	1100 mm
Product weight	3.6 kg at 0 stroke with carriage and motor 0.5 kg of carriage 13.9 kg total
Repeat accuracy	+/- 0.05 mm
Outer dimension	40 x 40 mm
Service life	30000 km
Associated module	PLE40 planetary gearbox, reduction ratio: 3:1 (supplied) BSH0552P01A2A servo motor (supplied) LXM32.U60N4 servo drive (not supplied)

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations
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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