

Product datasheet

Characteristics

PAS42E1050

portal axis PAS E - profile size 60x60mm - toothed belt - ball - stroke 1050mm



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	12 kg
Distance per revolution	155 mm
Operating force	800 N for Fx 2810 N for Fy 2810 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	1050 mm
Product weight	7.5 kg at 0 stroke with carriage and motor 1 kg of carriage 21.3 kg total
Repeat accuracy	+/- 0.05 mm
Outer dimension	60 x 60 mm
Service life	30000 km
Associated module	PLE60 planetary gearbox, reduction ratio: 5:1 (supplied) BMH0702P06A2A servo motor (supplied) LXM32.D12N4 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) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
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
----------	-----------