

Product datasheet

Characteristics

PAS44E0750

portal axis PAS E - profile size 110x110mm - toothed belt - ball - stroke 750mm



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 | 50 kg |
| Distance per revolution | 264 mm |
| Operating force | 2600 N for Fx 6270 N for Fy 6270 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 | 750 mm |
| Product weight | 37 kg at 0 stroke with carriage and motor 4.2 kg of carriage 64.7 kg total |
| Repeat accuracy | +/- 0.05 mm |
| Outer dimension | 110 x 110 mm |
| Service life | 30000 km |
| Associated module | PLE120 planetary gearbox, reduction ratio: 5:1 (supplied) BMH1401P06A2A servo motor (supplied) LXM32.D72N4 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

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|----------|-----------|
| Warranty | 18 months |
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