

portal axis PAS E - profile size 40x40mm - toothed belt - roller stroke 950mm

PAS41E0950

Discontinued on: Sep 19, 2022

① Discontinued

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
Type Of Guide	Roller

Complementary

Operating Position	Horizontal		
Typlical Payload	8.82 lb(US) (4 kg)		
Distance Per Revolution	3.31 in (84 mm)		
Operating Force	300 N for Fx		
	660 N for Fy		
	430 N for Fz		
Maximum Speed	6.56 ft/s (2 m/s)		
Maximum Acceleration	49.21 ft/s² (15 m/s²)		
Max. Drive Torque	35.40 lbf.in (4 N.m)		
Max. Torque	<44.25 lbf.in (5 N.m) for Mx		
	<97.36 lbf.in (11 N.m) for My		
	<150.46 lbf.in (17 N.m) for Mz		
Stroke	37.40 in (950 mm)		
Product Weight	7.94 lb(US) (3.6 kg) at 0 stroke with carriage and motor		
	1.10 lb(US) (0.5 kg) of carriage		
	29.32 lb(US) (13.3 kg) total		
Repeat Accuracy	+/- 0.05 mm		
Profile Dimension	40 x 40 mm		
Service Life	30000 km		
Associated Module	PLE40 planetary gearbox 3:1 supplied)		
	BSH0552P01A2A servo motor supplied)		
	LXM32.U60N4 servo drive not supplied)		

Ordering and shipping details

Gtin 3606485236254

Packing Units

Price is "List Price" and may be subject to a trade discount - check with your local distributor or retailer for actual price.

Unit Type Of Package 1	PCE	
Number Of Units In Package 1	1	
Package 1 Height	10.43 in (26.5 cm)	
Package 1 Width	19.21 in (48.8 cm)	
Package 1 Length	55.00 in (139.7 cm)	
Package 1 Weight	29.32 lb(US) (13.299 kg)	

Contractual warranty

Warranty 18 months

Sustainability

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

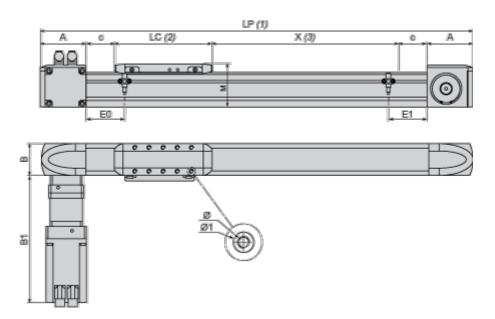
Guide to assess a product's sustainability >

Well-being performance

Reach Free Of Svhc	
Mercury Free	
Rohs Exemption Information	Yes
Pvc Free	
Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
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.
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Dimensions Drawings

Size Characteristics



(1) LP: total length of axis

(2) LC : length of carriage

(3) X: Stroke, refer to product characteristics.

А	mm	53.5	
	in.	2.11	
В	mm	40	
	in.	1.57	
B1	mm	258	
	in.	10.16	
С	mm	10	
	in.	0.39	
E0	mm	25	
	in.	0.98	
E1	mm	25	
	in.	0.98	
LC	mm	200	
	in.	7.87	

Product data sheet PAS41E0950

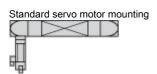
LP	mm	= 127 + LC + X
	in.	= 5.00 + LC + X
М	mm	55
	in.	2.16
Ø	mm	M5 X 12
	in.	M5 X 0.47
Ø1	mm	8 ^{H7} X 2.1
	in.	8 ^{H7} X 0.08

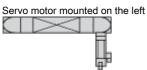
Product data sheet

PAS41E0950

Mounting and Clearance

Servo Motor Mounting



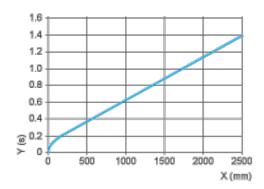


Product data sheet

PAS41E0950

Performance Curves

Axis Positioning Time as a Function of the Stroke



X: Stroke

Y: Positioning time

Product data sheet

PAS41E0950

Technical Description

Forces and Torques Exerted on the Lexium PAS E Portal Axis

