



### Main

Range of product	Lexium MAX S
Product or component type	Double portal axis
Product specific application	For 1 direction
Load position	On 2 parallel carriages
Drive type	Toothed belt on both axis
Guide type	Ball

### Complementary

Operating position	Horizontal by combination of 2 parallel axis X and X
Kit composition	PAS 4*B PAS 4*B axis shaft-driven
Function available	Different types of sensors for the limit switch function Protective metal strip Anti-corrosion version proof enhance Variable distance between the 2 axis Different types of motor mounting 1 to 3 carriages Anti-static belt Different types of carriage adapted to the load
Operating force	$\leq 4215$ N for $F_y$ $\leq 4215$ N for $F_z$ $\leq 1200$ N for $F_x$
Maximum actuation speed	5 m/s
Acceleration	$\leq 50$ m/s <sup>2</sup>
Drive torque	$\leq 30$ N.m
Torque value	$\leq 280$ N.m for $M_x$ $\leq 148$ N.m for $M_y$ (carriage type 1) $\leq 388$ N.m for $M_y$ (carriage type 2) $\leq 724$ N.m for $M_y$ (carriage type 4) $\leq 110$ N.m for $M_z$ (carriage type 1) $\leq 290$ N.m for $M_z$ (carriage type 2) $\leq 543$ N.m for $M_z$ (carriage type 4)
Operating travel	9...5500 mm
Distance between axis	110...1800 mm
Repeat accuracy	+/- 0.1 mm
Outer dimension	60 x 60 mm

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

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Mechanical service life

30000 km

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