



Main

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

Complementary

Operating position	Horizontal by combination of 2 parallel axis X and X
Kit composition	PAS 4*B axis PAS 4*H support axis driven by the load
Function available	Different types of motor mounting Different types of sensors for the limit switch function 1 to 3 carriages Anti-static belt Variable distance between the 2 axis Protective metal strip Different types of carriage adapted to the load Anti-corrosion version proof enhance
Operating force	≤ 300 N for F_x ≤ 990 N for F_y ≤ 645 N for F_z
Maximum actuation speed	8 m/s
Acceleration	≤ 20 m/s ²
Drive torque	≤ 4 N.m
Torque value	≤ 17 N.m for M_z (carriage type 2) ≤ 43 N.m for M_z (carriage type 4) ≤ 56 N.m for M_y (carriage type 4) ≤ 35 N.m for M_x ≤ 22 N.m for M_y (carriage type 2)
Operating travel	125...3000 mm
Distance between axis	100...300 mm
Repeat accuracy	+/- 0.1 mm
Outer dimension	40 x 40 mm
Mechanical service life	30000 km

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

Contractual warranty

Warranty period	18 months
-----------------	-----------

Dimensions

Refer to the User Guide

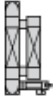
To download the User guide follow below procedure:

1. Click on Download & Documents, in the “discover MAX... by” area on the left of this frame.
2. Select your document format in the user guide selection list.

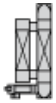
MAXH1BR

Types of Interface for the Drive Element

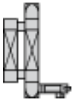
Drive Element Fixed on the Right



Drive Element Fixed on the Left



Drive Element Fixed Externally, Right-Hand Side



Drive Element Fixed Externally, Left-Hand Side



Without Drive Element / Driven Axis on the Right

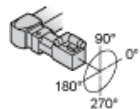


Without Drive Element / Driven Axis on the Left

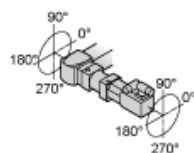


Possible Motor Drive Configurations and Orientations

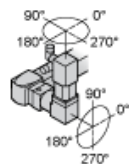
Motor Only without Gearbox



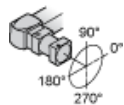
Motor with Planetary Gearbox



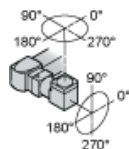
Motor with Angular Planetary Gearbox



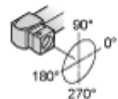
Planetary Gearbox Only



Angular Planetary Gearbox Only



Without Motor, Without Gearbox, With Adaptor Plate for the Drive Element



Without Motor, Without Gearbox



MAXH1BR