

Product data sheet

Specifications



STS40 - Floor - Ball screw 400 - User I/O cable

LXMSTS40F400000

⚠ Discontinued on: Feb 19, 2021

⚠ To be end-of-service on: Mar 31, 2026

⚠ Discontinued - Service only

Main

Range Of Product	PacDrive 3
Product Or Component Type	SCARA robot
Device Short Name	STS40

Complementary

Number Of Axis	4
Operating Position	Rotational 360°
Operating Travel	0...800 mm horizontal 0...400 mm vertical
Repeat Accuracy	+/- 0.01 mm
Permanent Permissible Load	8 kg
Nominal Speed	2000 mm/s axis 3 4.92 m/s axis 1 4.92 m/s axis 2
Maximum Actuation Speed	2220 mm/s axis 3 6.91 m/s axis 1 6.91 m/s axis 2
Angular Speed	450°/s nominal axis 1 650°/s maximum axis 1 600°/s nominal axis 2 800°/s maximum axis 2 1200°/s nominal axis 4 1929°/s maximum axis 4
Net Weight	50 kg
Range Compatibility	Lexium 62 motor

Environment

Environmental Characteristic	Normal environment
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Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	110.0 cm
Package 1 Width	71.0 cm
Package 1 Length	80.0 cm
Package 1 Weight	67.0 kg

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

