

# Product data sheet

## Characteristics

# LXMSTS80W5A4000

STS80 - Wall - Ball screw 400 - Bellow 400 -  
ARMIO Board with user I/O cable



### Main

Range of product	PacDrive 3
Product or component type	SCARA robot
Device short name	STS80

### Complementary

Number of axis	4
Operating position	Rotational 360°
Operating travel	0...400 mm vertical 0...1600 mm horizontal
Repeat accuracy	+/- 0.01 mm
Permanent permissible load	8 kg
Nominal speed	1600 mm/s axis 3 8.11 m/s axis 1 8.11 m/s axis 2
Maximum actuation speed	2220 mm/s axis 3 10.62 m/s axis 1 10.62 m/s axis 2
Angular speed	1200°/S nominal axis 4 1929°/S maximum axis 4 490°/S maximum axis 1 500°/S nominal axis 2 350°/S nominal axis 1 585°/S maximum axis 2
Product weight	54.9 kg
Range compatibility	Lexium 62 motor

### Environment

Environmental characteristic	Normal environment
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Product Life Status : **Commercialised**

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