

# Führungsprofil LF20S, Nut 10, Länge bis 6070 mm - Bosch Rexroth

## 3842993080-1000

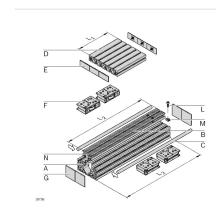
**Item no.** BRR-3842993080-1000 **Manufacturer** Bosch Rexroth

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Base rail for the Bosch Rexroth LF20S roller guide, supplied in variable length and cut to size between 180 mm and 6070 mm. The 10 mm profile slot accepts T-nuts and sliding blocks along the full length for flexible attachment of assemblies and sub-components. Designed for linear axes and handling units in assembly automation and mechanical engineering.

### TECHNICAL DATA

Article authenticity	<b>Original product</b>
Condition of article	<b>New</b>
Country of Manufacture	<b>Germany</b>
ESD-Ausführung	<b>TEC</b>
Weight	<b>0.0099 kg</b>
Zolltarifnummer	<b>76042100</b>



### STANDARDS & COMPLIANCE

ESD safe

### DESCRIPTION

The LF20S guide profile is the structural base component of the Bosch Rexroth LF20S roller guide system. Delivered in variable length, it is cut to the required dimension between 180 mm and 6070 mm on site. The continuous 10 mm profile slot allows T-nuts, sliding blocks, and M8 hardware to be positioned freely along the entire rail length.

- Variable length from 180 mm to 6070 mm - adaptable to any installation requirement
- 10 mm profile slot for M8 T-nuts and sliding blocks along the full rail length
- High area moment of inertia in z-direction (103.2 cm<sup>4</sup>) for rigidity under bending load
- Delivery unit: 1 piece, ready for use after cutting to length
- Fully compatible with the complete Bosch Rexroth LF20S accessory range

## Technical data

Parameter	Value
Condition on delivery	Variable length
Profile slot	10 mm
Length min [L2 min]	180 mm
Length max [L2 max]	6070 mm
Mass [m]	4.3 kg/m
Profile surface [A]	1593 mm <sup>2</sup>
Area moment of inertia [I <sub>y</sub> ]	29.4 cm <sup>4</sup>
Area moment of inertia [I <sub>z</sub> ]	103.2 cm <sup>4</sup>
Delivery unit	1 piece
Required accessories	Cylinder bolt DIN 7984 M8x45, T-nut M8 10 mm slot, Sliding block