

Komplettachse LF20S mit Nockenrollenführung, Hub 270-1000 mm - Bosch Rexroth 3842998499

Item no. BRR-3842998499

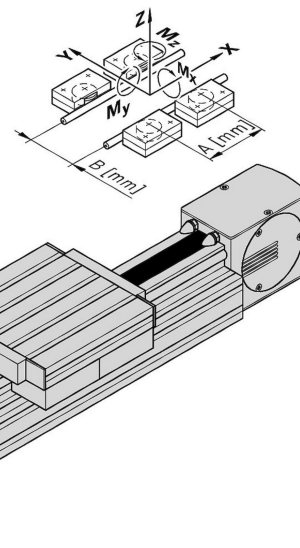
Manufacturer Bosch Rexroth

Fully assembled linear guide (complete axis LF20S) with cam roller guide mounted on Strut profile 90x180. Stroke L1 individually selectable from 270 to 1000 mm, guide rail length LH up to 5220 mm. Ready for direct integration into Rexroth profile-based assembly and handling systems.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
Weight	0.0099 kg
Zolltarifnummer	84313900

$F_y \text{ max} = 12500 \text{ N}$
 $F_z \text{ max} = 6000 \text{ N}$
 $M_x \text{ max} = 240 \text{ Nm}$
 $M_y \text{ max} = 3,0 \times A \text{ Nm}$
 $M_z \text{ max} = 6,2 \times A \text{ Nm}$
 $v \text{ max} = 5 \text{ m/s}$
 $M \text{ max} = 100 \text{ Nm}$



DESCRIPTION

The complete axis LF20S is a fully assembled linear guide with cam roller guidance, built on a Strut profile 90x180. Stroke and trolley length are individually configurable, allowing the axis to be integrated directly into assembly lines and handling equipment without additional machining or fitting work.

- Supplied fully assembled - no fixtures or fitting adjustments required during installation
- Freely selectable stroke L1 from 270 mm to 1000 mm for flexible system design
- Guide rail length LH individually selectable from L1+50 mm up to 5220 mm
- Cam roller guide for smooth, low-backlash travel even under lateral loads
- Rail profile mounted on Strut profile 90x180 - direct integration into Rexroth profile constructions
- Profile slot 10 for straightforward attachment of add-on parts and sensor brackets

TECHNICAL DATA

Parameter	Value
Type	Complete axis LF20S
Guide type	Cam roller guide, fully assembled
Mounting profile	Strut profile 90x180
Profile slot	10
Stroke L1 (min)	270 mm

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Parameter	Value
Stroke L1 (max)	1000 mm
Guide rail length LH (min)	L1 + 50 mm
Guide rail length LH (max)	5220 mm
Packaging unit	1 piece
Weight	0.0099 kg (base weight; actual weight depends on selected length)
Article number	3842998499