

Komplettachse LF12S mit Kurvenlager-Linearführung, Hub individuell wählbar - Bosch Rexroth 3842998497

Item no. BRR-3842998497

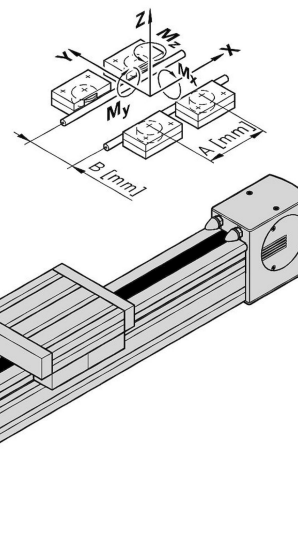
Manufacturer Bosch Rexroth

Fully assembled LF12S linear axis for aluminium profile systems. The cam roller guide rail bolts directly onto a 90x90L strut profile; stroke (180-1000 mm) and trolley length are freely selectable. Ideal for flexible handling and assembly units in automation.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
Weight	0.0099 kg
Zolltarifnummer	84313900

$F_y \text{ max} = 3500 \text{ N}$
 $F_z \text{ max} = 2000 \text{ N}$
 $M_x \text{ max} = 78 \text{ Nm}$
 $M_y \text{ max} = 1,0 \times A \text{ Nm}$
 $M_z \text{ max} = 1,7 \times A \text{ Nm}$
 $v \text{ max} = 5 \text{ m/s}$
 $M \text{ max} = 30 \text{ Nm}$



DESCRIPTION

The LF12S complete axis is a fully assembled cam roller linear guide that mounts directly onto a 90x90L strut profile. No rail alignment is required during installation, which simplifies integration into aluminium profile structures. Stroke and trolley length can be individually selected within the specified ranges, making it straightforward to adapt the axis to different application requirements.

- Fully assembled: rail alignment not required on installation
- Selectable stroke: L1 from 180 mm to 1000 mm
- Adjustable trolley length: LH from L1+50 mm to 5310 mm
- Direct bolt-on to 90x90L strut profile - compatible with the Bosch Rexroth aluminium profile system
- Profile slot 10 mm - matches standard components in the series

TECHNICAL DATA

Parameter	Value
Type	Complete axis LF12S
Guide principle	Cam roller linear guide
Profile slot	10 mm
Base profile	Strut profile 90x90L
Stroke L1 (min)	180 mm

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Parameter	Value
Stroke L1 (max)	1000 mm
Trolley length LH (min)	L1 + 50 mm
Trolley length LH (max)	5310 mm
Packaging unit	1
Weight	approx. 0.01 kg (base weight; length-dependent)
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