

Linearführung LF 6C, 1000 mm - Bosch Rexroth 3842998496-1000

Item no. BRR-3842998496-1000

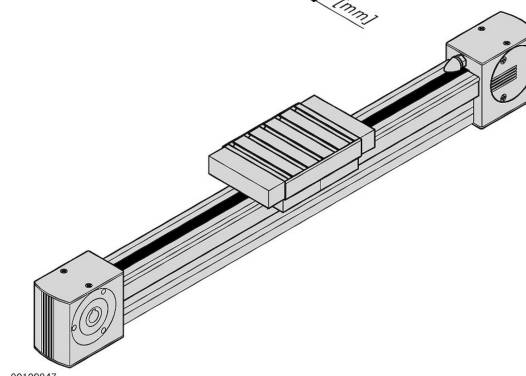
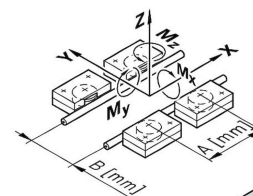
Manufacturer Bosch Rexroth

Complete axis of the LF 6C series with a 1000 mm guide length, designed for assembly and handling systems. The linear guide delivers precise straight-line motion and integrates directly into Bosch Rexroth aluminium profile structures. The series covers lengths from 50 to 5310 mm.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
Weight	0.0099 kg
Zolltarifnummer	84313900

$F_y \text{ max} = 1400 \text{ N}$
 $F_z \text{ max} = 850 \text{ N}$
 $M_x \text{ max} = 0,4 \times B \text{ Nm}$
 $M_y \text{ max} = 0,4 \times A \text{ Nm}$
 $M_z \text{ max} = 0,7 \times A \text{ Nm}$
 $v \text{ max} = 5 \text{ m/s}$
 $M \text{ max} = 15 \text{ Nm}$



DESCRIPTION

The Bosch Rexroth LF 6C linear guide is a complete axis with a 1000 mm guide length, built for guided linear and handling units in assembly and automation applications. As part of the modular aluminium profile system, it fits directly into existing frame structures and reduces engineering effort significantly.

- Guide length 1000 mm, series LF 6C (base order number 3842998496, lengths available 50-5310 mm)
- Complete axis - guide rail and carriage supplied as a matched, ready-to-install unit
- Compatible with the Bosch Rexroth aluminium profile system for straightforward integration into assembly frames
- Suited for precise linear motion in assembly, test, and handling equipment

TECHNICAL DATA

Parameter	Value
Series	LF 6C
Design	Complete axis
Guide length	1000 mm
Length range (series)	50 - 5310 mm
Article number (base)	3842998496

	Parameter	Value
Weight		0.0099 kg
