

Carriage LFKL25-SF (Series LFKL..-SF)

compact carriage, clearance-free; corrosion-resistant design possible

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue ordering system (https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp) or by telephone on +49 (91 32) 82 - 28 97.

H ₁	23,5 mm	
B	65 mm	
L	85 mm	
G ₄	M5	
H	Total height of carriage and guideway: H = 25 mm For LFS, -C, -CE, -CEE, -E, -EE, -N, -NZZ H = 56 mm For LFS..-M The guideway LFS..-M can only be combined with carriages with adjustable clearance. If SF and LFKL carriages are to be used, please contact us first	
H ₂	14,4 mm	Tolerance: +0,3/0
H ₃	9 mm	
J _B	50 mm	Tolerance: +0,2/-0,2
J _{B1}	40 mm	

JL1	45 mm	
JL2	60 mm	Tolerance: +0,2/-0,2
K2	5 mm	
mw	300 g	Mass of carriage
MA	2,5 Nm	Valid for standard design. Tightening torque for track roller bolts, concentric bolts are supplied tightened to MA.
MA	2,5 Nm	Valid for corrosion-resistant design "RB". Tightening torque for track roller bolts, concentric bolts are supplied tightened to MA.
		The basic load ratings are not valid for "-RB" designs.
Cy	1280 N	Basic dynamic load rating in y direction
C0y	820 N	Basic static load rating in y direction
Cz	2580 N	Basic dynamic load rating in z direction
C0z	1800 N	Basic static load rating in z direction
M0x	8 Nm	Static moment rating about X axis
M0y	40 Nm	Static moment rating about Y axis
M0z	18 Nm	Static moment rating about Z axis
		Ordering designation: - Corrosion-resistant design: Carriage: LFCL..-RB Guideway: LFS..-RB

Track roller: LFR..-2RSR-RB

- Guideway without holes:

LFS..-OL

without lubrication nipple, relubrication possible via end holes

LFR50/5-6-2Z

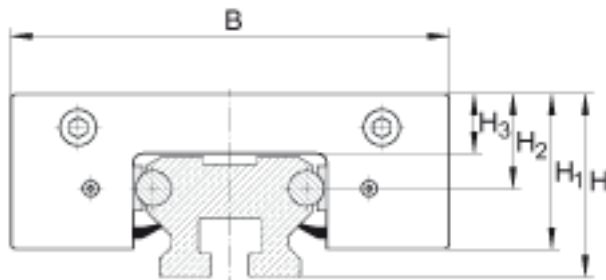
Track roller used

For shaft diameter: 6 mm

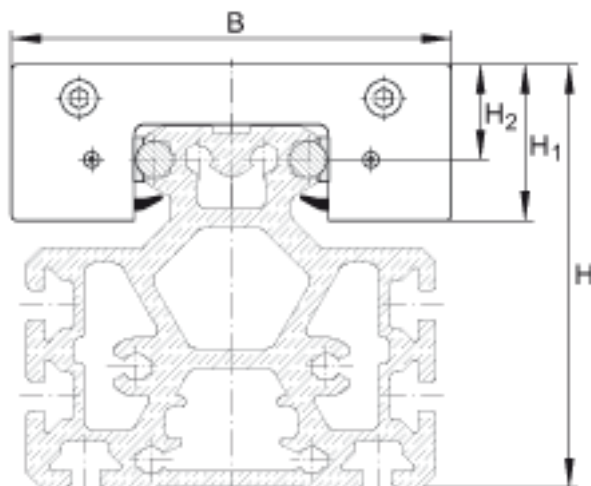
For ordering of replacement parts, please contact us.

LFS25

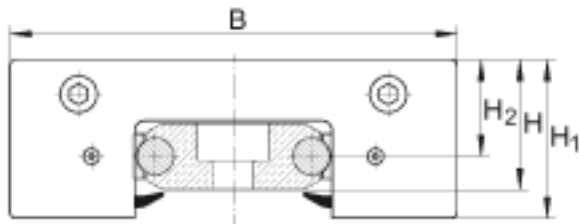
The calculation of basic load ratings and moment ratings is based on the use of this guideway



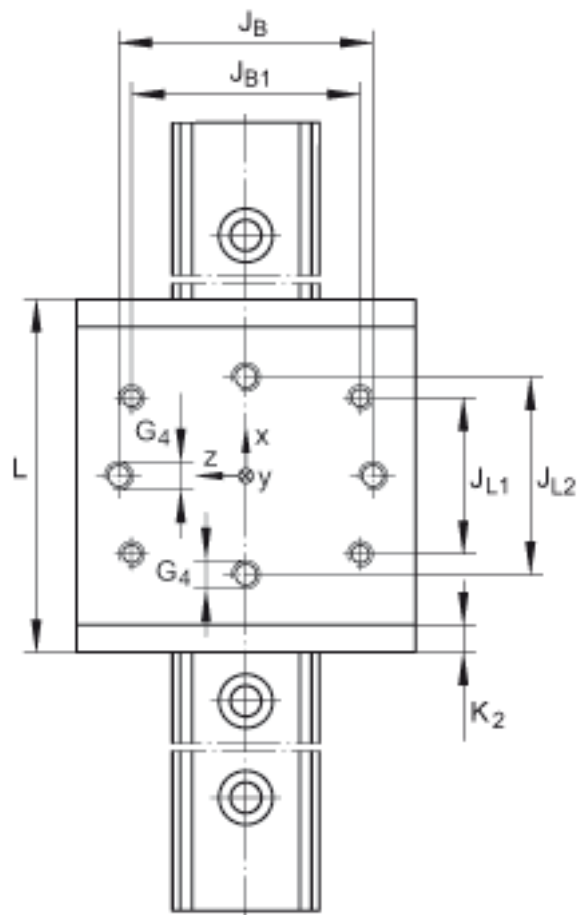
LFKL with LFS, -C, -CE, -CEE, -E, -EE, -N, -NZZ



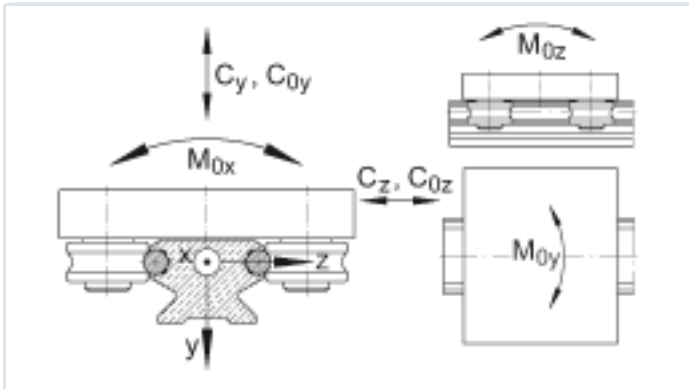
LFKL with LFS..-M



LFKL with LFS..-F, -FE



LFKL with LFS, -C, -CE, -CEE, -E, -EE, -N, -NZZ, -M, -F, -FE



Load directions