



115.111.129.98LFKL..-SFLaufwagen

Carriage LFKL52-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.

H1	46,1 mm	
B	130 mm	
L	136 mm	
G4	M10	
H	Total height of carriage and guideway: H = 54,3 mm For LFS, -C, -CE, -CEE, -E, -EE, -N, -NZZ H = 38,2 mm For LFS..-F, -FE H = 118,9 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	
H2	29,2 mm	Tolerance: +0,3/0
H3	19,4 mm	
JB	90 mm	Tolerance: +/-0,2
JB1	83 mm	
JL1	60 mm	
JL2	70 mm	Tolerance: +/-0,2
K2	10 mm	
mw	1500 g	Mass of carriage
MA	40 Nm	Valid for standard design. Tightening torque for track roller bolts, concentric bolts are supplied tightened to MA.
MA	23 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.

C_y	10000 N	Basic dynamic load rating in y direction
C_{0y}	5200 N	Basic static load rating in y direction
C_z	16800 N	Basic dynamic load rating in z direction
C_{0z}	10000 N	Basic static load rating in z direction
M_{0x}	110 Nm	Static moment rating about X axis
M_{0y}	290 Nm	Static moment rating about Y axis
M_{0z}	150 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:

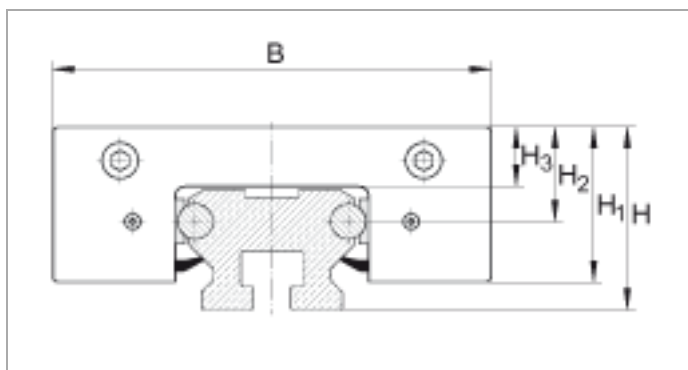
LFS...-OL

LFR5201-10-2Z Track roller used

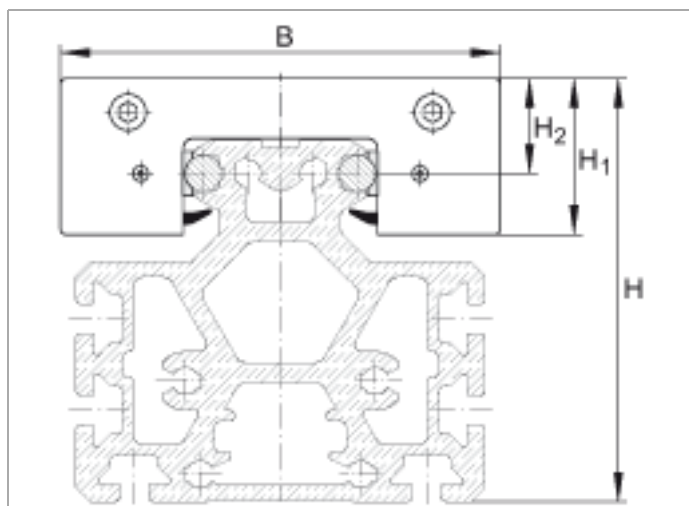
For shaft diameter: 10 mm

For ordering of replacement parts, please contact us.

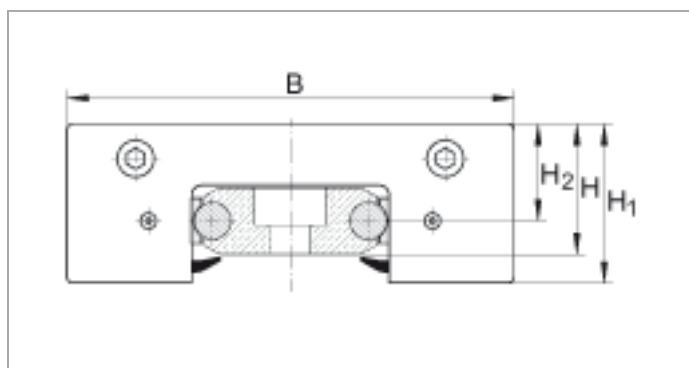
LFS52 The calculation of basic load ratings and moment ratings is based on the use of this guideway



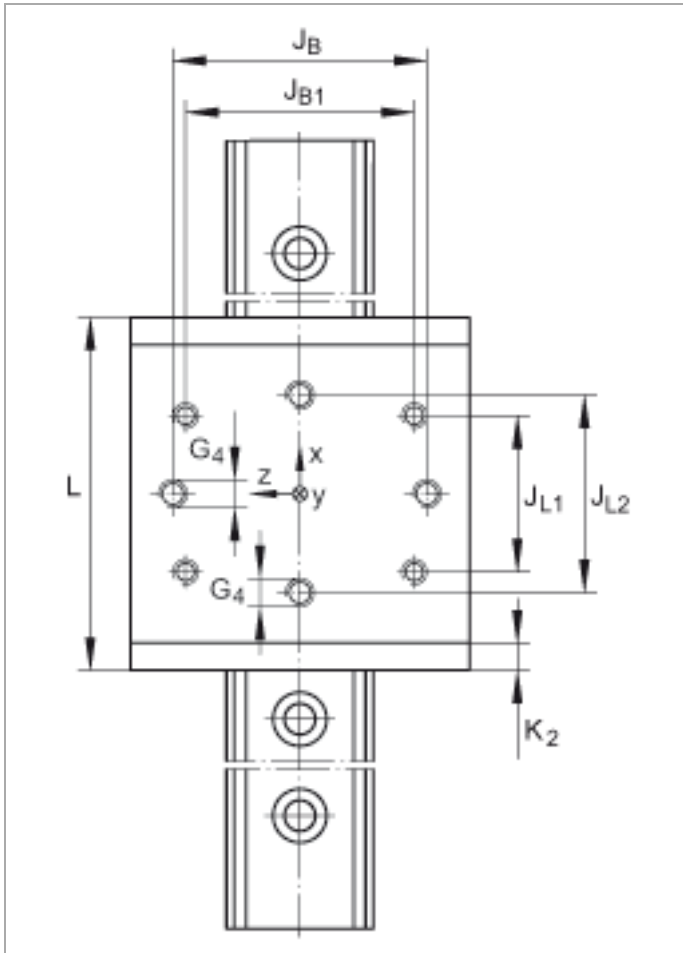
LFKL with LFS, -C, -CE, -CEE, -E, -EE, -N, -NZZ



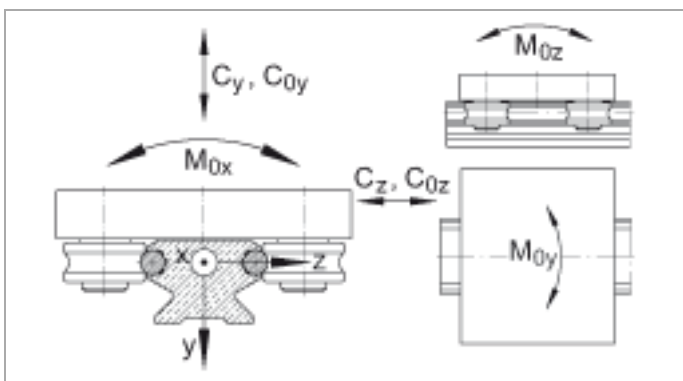
LFKL with LFS..-M



LFKL with LFS..-F, -FE



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



Load directions