

Carriage LFKL20-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	20,5 mm
B	56 mm
L	69 mm
G4	M5
H	Total height of carriage and guideway: H = 22 mm For LFS, -C, -CE, -CEE, -E, -EE, -N, -NZZ
H2	13 mm Tolerance: +0,3/0
H3	8,7 mm
JB	39 mm Tolerance: +0,2/-0,2
JB1	34 mm
JL1	34 mm
JL2	49 mm Tolerance: +0,2/-0,2
K2	5 mm

mw	200 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	1350 N	Basic dynamic load rating in y direction
C0y	870 N	Basic static load rating in y direction
Cz	2400 N	Basic dynamic load rating in z direction
C0z	1700 N	Basic static load rating in z direction
M0x	7 Nm	Static moment rating about X axis
M0y	28 Nm	Static moment rating about Y axis
M0z	15 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		

LFR50/5-4-2Z

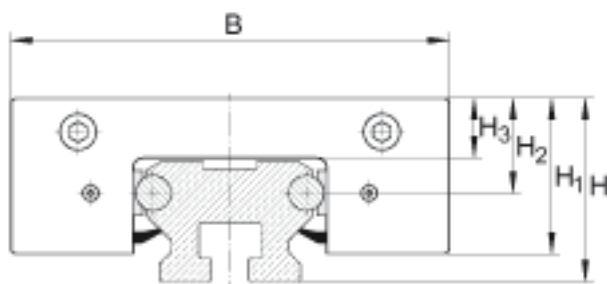
Track roller used

For shaft diameter: 4 mm

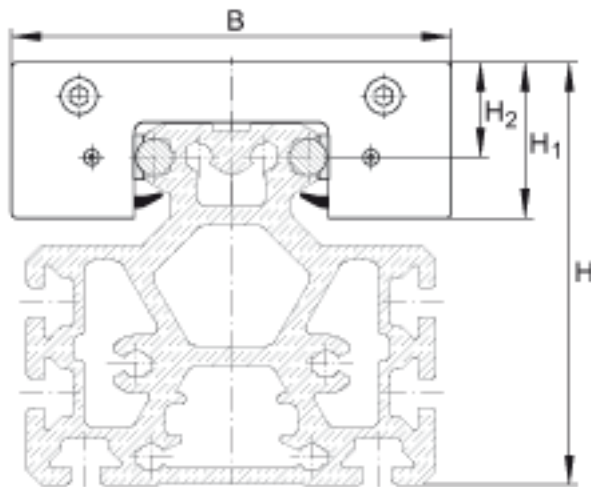
For ordering of replacement parts, please contact us.

LFS20

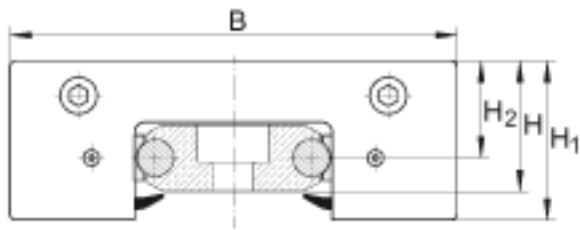
The calculation of basic load ratings and moment ratings is based on the use of this guideway



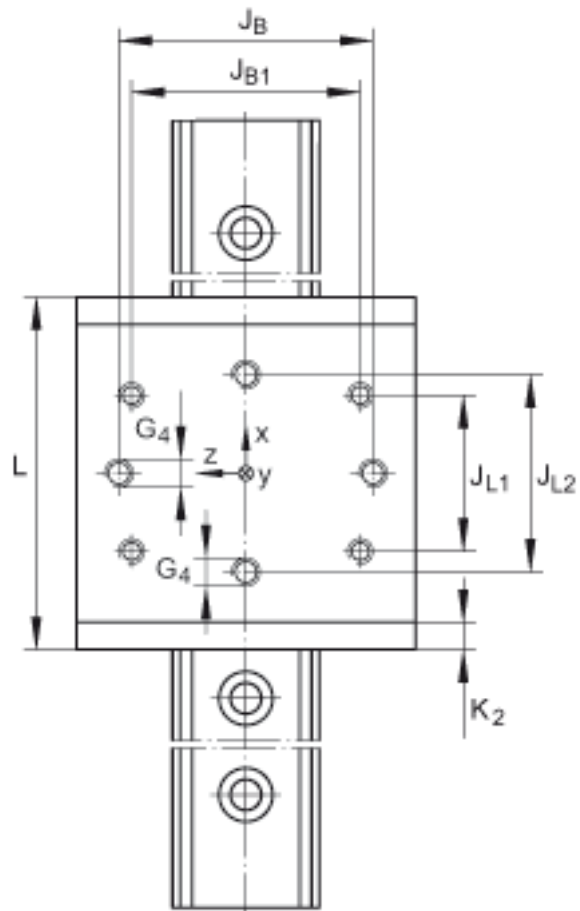
LFKL with LFS, -C, -CE, -CEE, -E, -EE, -N, -NZZ



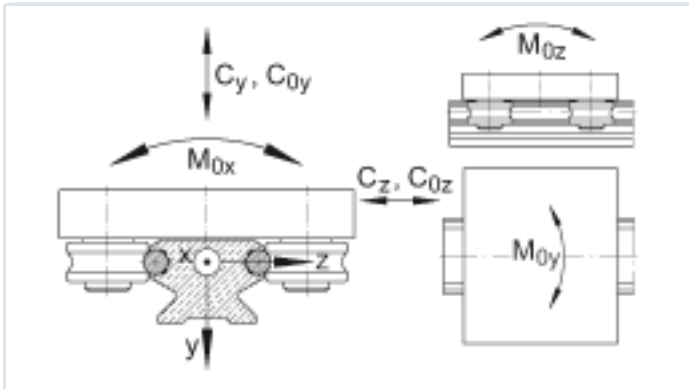
LFKL with LFS...-M



LFKL with LFS..-F, -FE



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



Load directions