

## Carriage LFCL25 (Series LFCL)

hollow section 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](https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp)) or by telephone on +49 (91 32) 82 - 28 97.

H <sub>1</sub>	30,5 mm	
B	80 mm	
L	110 mm	
1)	Threaded slot or screw channel for screws M3	
G <sub>4</sub>	M6	Maximum screw depth: M6 = 10 mm M8 = 12 mm M10 = 14 mm
H	Total height of carriage and guideway: H = 32,1 mm For LFS, -C, -CE, -CEE, -E, -EE, -N, -NZZ H = 63,1 mm For LFS..-M The guideway LFS..-M can only be combined with carriages with adjustable clearance. If SF and LFCL carriages are to be used, please contact us first	
H <sub>2</sub>	21,5 mm	Tolerance: +0,3/0

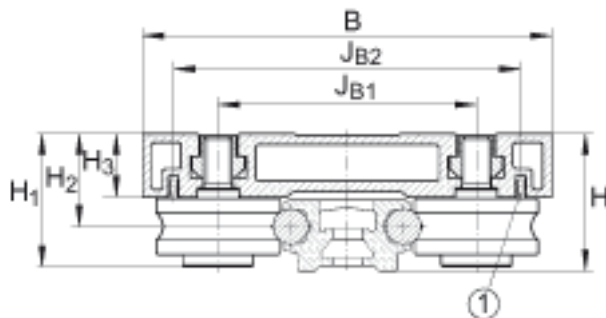
H3	15,4 mm	
JB	47 mm	
JB1	47 mm	
JB2	69 mm	
JL1	58 mm	
JL3 max	32 mm	
JL3 min	13 mm	
mw	440 g	Mass of carriage
The basic load ratings are not valid for "-RB" designs.		
Cy	4600 N	Basic dynamic load rating in y direction
C0y	2400 N	Basic static load rating in y direction
Cz	7320 N	Basic dynamic load rating in z direction
C0z	4500 N	Basic static load rating in z direction
M0x	25 Nm	Static moment rating about X axis
M0y	120 Nm	Static moment rating about Y axis
M0z	65 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

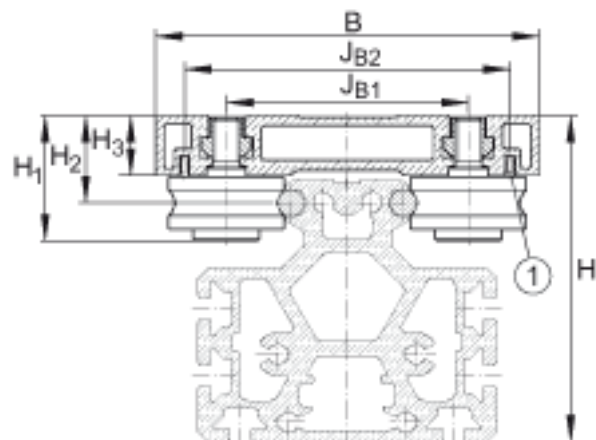
The design of the hollow sections is dependent on the size.

LFR50/8-6-2Z      Track roller used  
 For shaft diameter: 6 mm  
 For ordering of replacement parts, please contact us.

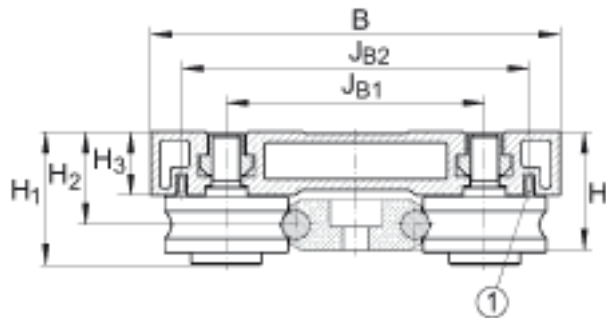
LFS25      The calculation of basic load ratings and moment ratings is  
 based on the use of this guideway



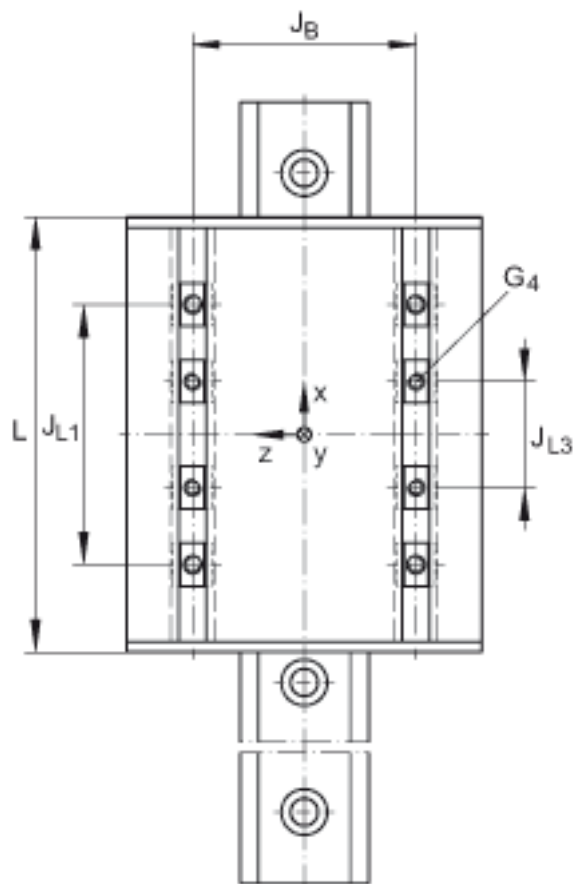
LFCL with LFS, -C, -CE, -CEE, -E,  
 -EE, -N, -NZZ



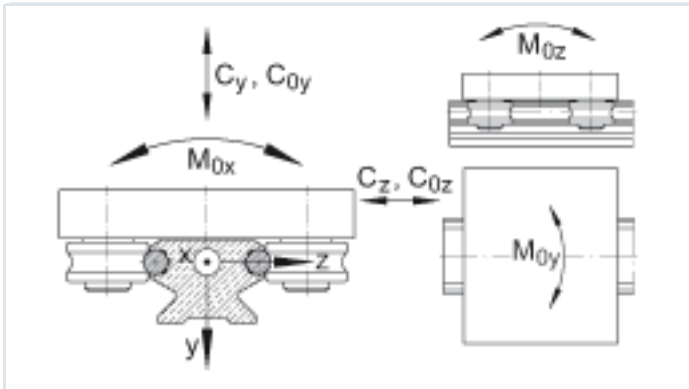
LFCL with LFS...-M



LFCL with LFS..-F



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



Load directions