SCHAEFFLER

Guideways LFS25 (Series LFS)

solid profile, with two raceway shafts; corrosion-resistant design possible

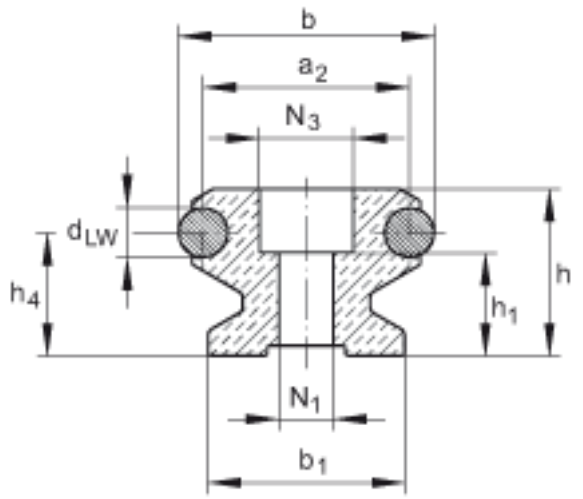
The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue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

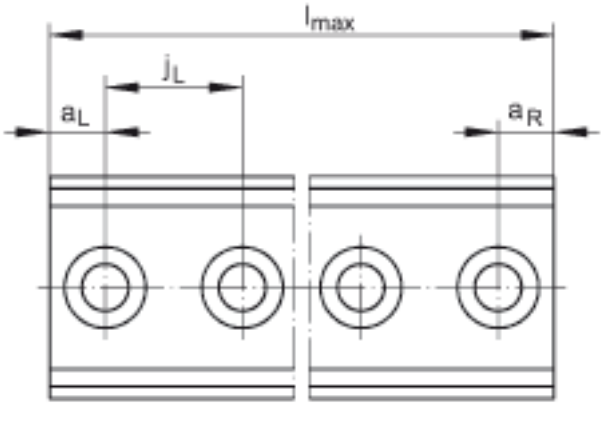
h	15 mm	
b	25 mm	
l_{max}	2400 mm	Maximum length L of guideway; longer guideways are supplied in several sections and are marked accordingly.

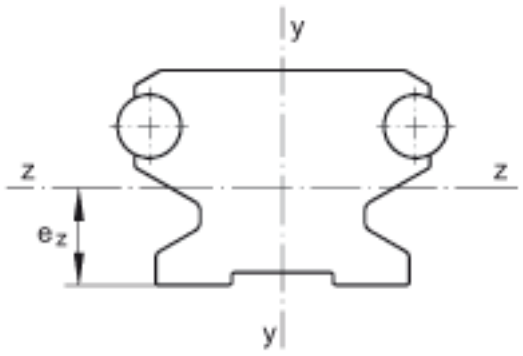
1)		Underside marked
a_2	19 mm	
$a_{L\ max}$	54 mm	aL and aR are dependent on the guideway length L
$a_{L\ min}$	10 mm	aL and aR are dependent on the guideway length L
$a_{R\ max}$	54 mm	aL and aR are dependent on the guideway length L
$a_{R\ min}$	10 mm	aL and aR are dependent on the guideway length L
b_1	21 mm	
d_{LW}	6 mm	
e_z	7,5 mm	

h_1	8,5 mm	
h_4	10,6 mm	
j_L	62,5 mm	
LF_Q	237 mm^2	Value for cross-sectional area
I_y	6390 mm^4	
I_z	4510 mm^4	
N_1	5,5 mm	
N_3	10 mm	For a maximum load Fz or Foz, support washers to DIN 433 and the maximum tightening torque (see fitting instructions) must be used.
W_y	608 mm^3	
W_z	600 mm^3	

m_S	1100 g/m	Mass of guideway
		Ordering designation: - Guideways without holes: LFS..-OL - Guideways in design with corrosion protection: LFS..-RB
		Modulus of elasticity for LFS..-C, -CE, -CEE, -E, -EE, -F, -FE: 72000 N/mm2


b
a2
N3
dLW
h4
h1
h
N1
b1


lmax
jL
aL
aR



Bending axes