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15.10.2026, 11:58:39 BST

SCHAEFFLER

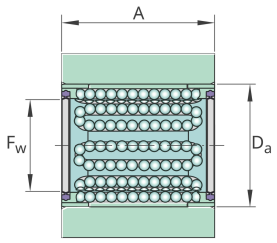


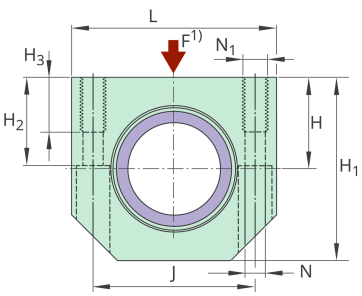
LUHR20

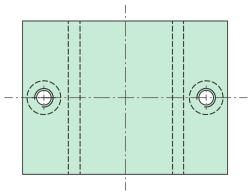
Linear ball bearing and housing unit

Linear bearing unit, compact range, shielded

Technical information







Your current product variant

Size code	20
Number of seals	0

Technical data

v_{max}	5 m/s	Maximum Speed
a_{max}	100 m/s2	Maximum Acceleration
≈m	0,14 kg	Weight

Main Dimensions & Performance Data

N	5,3 mm	Bore diameter
H_2	22 mm	Height
D_a	28 mm	Bore diameter
F_W	20 mm	Bore diameter
C_{max}	1.220 N	Load capacity dyn.
C_{min}	1.160 N	Load capacity dyn.
$C_{0\,min}$	800 N	Load capacity stat.
$C_{0\,max}$	1.020 N	Load capacity stat.

Dimensions

H_1	45 mm	Height of Carriage
H_3	13 mm	Height

The data sheet only contains an overview of the technical data of the selected product. Please refer to the additional documentation for this product. For further information, please use the following link on our website

Mounting dimensions

H	23 mm	Center height
J	40 mm	
N_1	M6	Thread
L	53 mm	
A	30 mm	Length

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