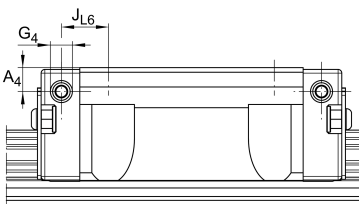
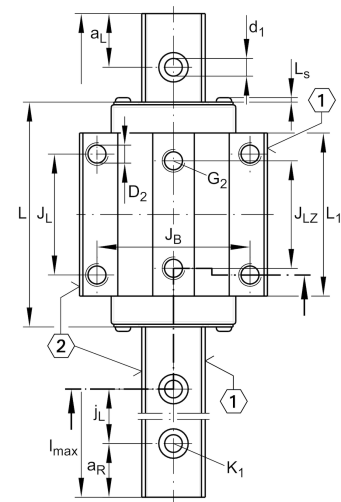
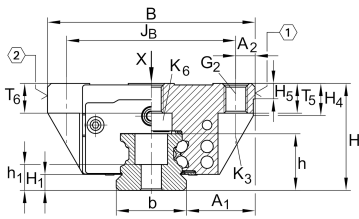


KUV30-B-L

Ball monorail guidance system

Carriages KWVE..-B-L, long carriage, four-row, full complement ball set

Technical information



Your current product variant

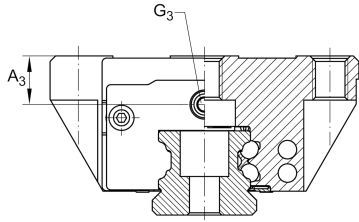
Size code	30
Carriage design	L Long carriage
Version	B

Main dimensions

l_{max}	5.860 mm	Max length single piece guideway
H	42 mm	Height system
B	90 mm	Width carriage
L	127 mm	Overall length carriage

Technical data

C	34.500 N	Dynamic load rating
C_0	74.000 N	Static load rating
M_{0x}	1.310 Nm	Static moment rating about X axis
M_{0y}	1.240 Nm	Static moment rating about Y axis
M_{0z}	1.240 Nm	Static moment rating about Z axis



Mounting dimensions

A ₁	31 mm	Distance from locating edge on carriage to locating edge on guideway
J _B	72 mm	
b	28 mm	Width rail
Tol _b	-0,005 mm	Upper tolerance
Tol _b	-0,03 mm	Lower tolerance
A ₂	9 mm	Distance from locating edge to hole
L ₁	100 mm	
L _s	1,65 mm	
J _L	52 mm	
J _{LZ}	44 mm	
j _L	80 mm	
a _{L min}	20 mm	
a _{L max}	71 mm	
a _{R min}	20 mm	
a _{R max}	71 mm	
H ₁	5,9 mm	Free space, system dimension
H ₄	13,8 mm	
H ₅	6,25 mm	
T ₅	12 mm	Thread depth
T ₆	11,5 mm	
h	23,5 mm	
h ₁	11 mm	
G ₂	M10	Fixing screws
G _{2 MA}	41 Nm	Maximum tightening torque
K ₁	M8	Fixing screws
K _{1 MA}	41 Nm	Maximum tightening torque
K ₃	M8	Fixing screws
K ₆	M8	Fixing screws

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: [Contact form](#)



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Related products

KWVE30-B-L

Compatible with the following carriage

TKVD30

Suitable Guide Rail