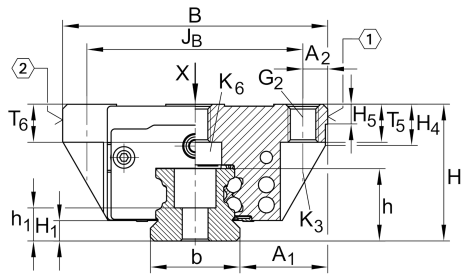


KWVE35-B-L

Recirculating ball bearing carriage

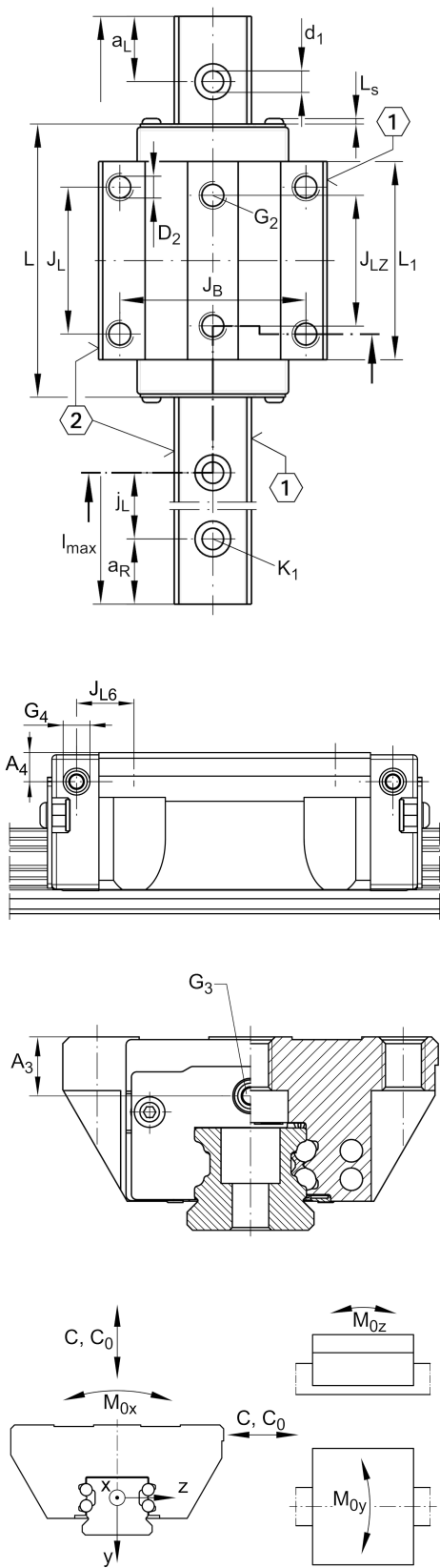
Carriages KWVE...-B-L, long carriage, four-row, full complement ball set

Technical information



Main Dimensions & Performance Data

H	48 mm	height system
B	100 mm	width carriage
L	145 mm	overall length carriage
C	47,500 N	dynamic load rating
C ₀	100,000 N	static load rating
M _{0x}	2,625 Nm	static moment rating about X axis
M _{0y}	1,890 Nm	static moment rating about Y axis
M _{0z}	1,890 Nm	static moment rating about Z axis
≈m	2.52 kg	Weight



Mounting dimensions

A ₁	33 mm	
J _B	82 mm	
b	34 mm	width rail
A ₂	9 mm	
L ₁	113 mm	
L _S	1.65 mm	
J _L	62 mm	
J _{LZ}	52 mm	
H ₁	6.7 mm	
H ₄	14.3 mm	
H ₅	6.75 mm	
T ₅	13 mm	
T ₆	12.3 mm	
G ₂	M10	fixing screws above (DIN ISO 4762-12.9)
G ₂ M _A	41 Nm	maximum tightening torque
K ₃	M8	fixing screws below (DIN ISO 4762-12.9)
K ₃ M _A	41 Nm	maximum tightening torque
K ₆	M8	fixing screws below (DIN ISO4762-12.9)
K ₆ M _A	41 Nm	maximum tightening torque
D ₂	8.6 mm	
A ₃	12.3 mm	position lubrication connector
G ₃	M6	lubrication connector
t G ₃	7 mm	maximum permissible screw depth for lubrication connectors
A ₄	11 mm	position lubrication connector
G ₄	M6 mm	lubrication connector
t G ₄	7 mm	maximum permissible screw depth for lubrication connectors
J _{L6}	32.5 mm	position lubrication connector

Additional information

VMKB_065	KWVE	Material name
----------	------	---------------

