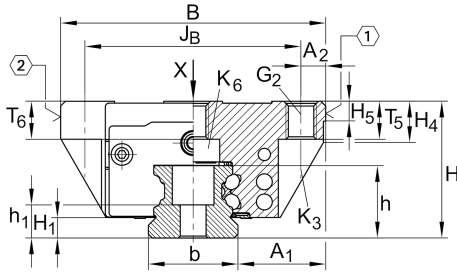


KWVE30-B [↗](#)

Recirculating ball bearing carriage

Technical information



Main Dimensions & Performance Data

H	42 mm	height system
B	90 mm	width carriage
L	99 mm	overall length carriage
C	27,500 N	dynamic load rating
C ₀	55,000 N	static load rating
M _{0x}	970 Nm	static moment rating about X axis
M _{0y}	700 Nm	static moment rating about Y axis
M _{0z}	700 Nm	static moment rating about Z axis
≈m	1.2 kg	Weight



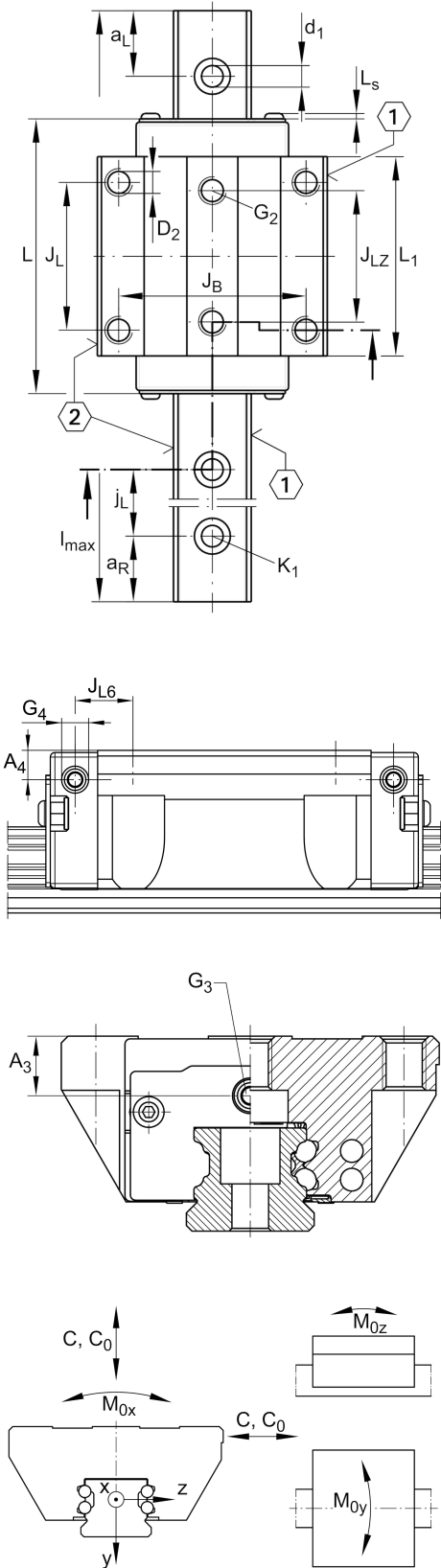
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Mounting dimensions

A_1	31 mm	Distance from locating edge on carriage to locating edge on guideway
J_B	72 mm	
b	28 mm	width rail
A_2	9 mm	Distance from locating edge to hole
L_1	72 mm	
L_S	1.65 mm	
J_L	52 mm	
J_{LZ}	44 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	
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 ISO 4762-12.9)
$K_6 M_A$	41 Nm	maximum tightening torque
D_2	8.6 mm	
A_3	11.5 mm	position lubrication connector
G_3	M6	lubrication connector
t_{G_3}	7 mm	maximum permissible screw depth for lubrication connectors
A_4	7 mm	position lubrication connector
G_4	M6	lubrication connector
t_{G_4}	7 mm	maximum permissible screw depth for lubrication connectors
J_{L6}	15.5 mm	position lubrication connector





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Additional information

VMKB_065	KWVE	Material name
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