

**KWVE55-B-L**

Recirculating ball bearing carriage

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

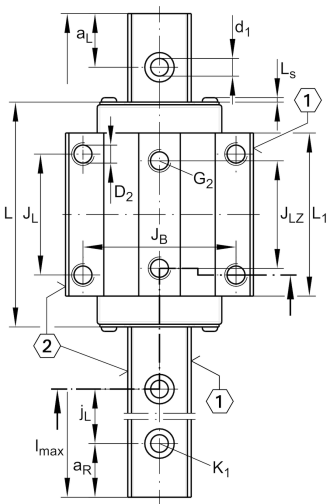
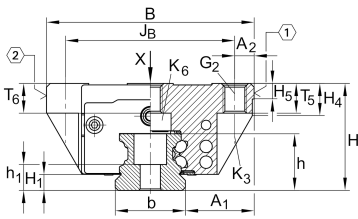
Technical information

Your current product variant

Size code	55
Version	B
Carriage design	L Long carriage

Main Dimensions & Performance Data

H	70 mm	Height system
B	140 mm	Width carriage
L	211,6 mm	Overall length carriage
C	127.000 N	Dynamic load rating
C ₀	285.000 N	Static load rating
M _{0x}	7.500 Nm	Static moment rating about X axis
M _{0y}	4.725 Nm	Static moment rating about Y axis
M _{0z}	4.800 Nm	Static moment rating about Z axis
≈m	6,6 kg	Weight





Mounting dimensions

A ₁	43,5 mm	Distance from locating edge on carriage to locating edge on guideway
J _B	116 mm	
b	53 mm	Width rail
A ₂	12 mm	Distance from locating edge to hole
L ₁	170 mm	
L _S	2,2 mm	
J _L	95 mm	
J _{LZ}	70 mm	
H ₁	13,5 mm	Free space, system dimension
H ₄	22,7 mm	
H ₅	11,25 mm	
T ₅	21 mm	Thread depth
T ₆	18 mm	
G ₂	M14	Fixing screws above (DIN ISO 4762-12.9)
G ₂ M _A	140 Nm	Maximum tightening torque
K ₃	M12	Fixing screws below (DIN ISO 4762-12.9)
K ₃ M _A	140 Nm	Maximum tightening torque
K ₆	M12	Fixing screws below (DIN ISO 4762-12.9)
K ₆ M _A	140 Nm	Maximum tightening torque
D ₂	12,5 mm	
A ₃	15 mm	Position lubrication connector
G ₃	M6	Lubrication connector
t _{G 3}	7 mm	Maximum permissible screw depth for lubrication connectors
A ₄	15 mm	Position lubrication connector
G ₄	M6	Lubrication connector
t _{G 4}	7 mm	Maximum permissible screw depth for lubrication connectors
J _{L6}	49,5 mm	Position lubrication connector



View product details on medias

15.06.2026, 06:40:43 UTC

SCHAEFFLER

Additional information

VMKB_065

KWVE

Material name