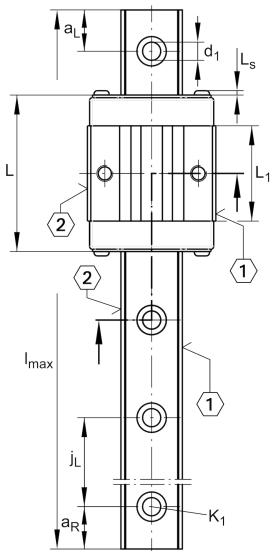
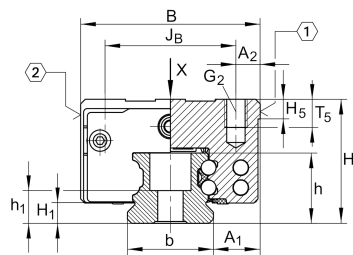


KWVE45-B-ESC

Recirculating ball bearing carriage

Carriages KWVE...-B-ESC, narrow, short carriage, four-row, full complement ball set

Technical information

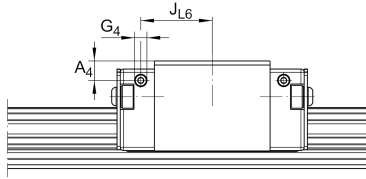


Your current product variant

Size Code	45	
Version	B	
Carriage design	ESC	Expanded design, short, narrow carriage

Main Dimensions & Performance Data

H	60 mm	Height system
B	86 mm	Width carriage
L	97.8 mm	Overall length carriage
C	46,500 N	Dynamic load rating
C ₀	80,000 N	Static load rating
M _{0x}	2,060 Nm	Static moment rating about X axis
M _{0y}	883 Nm	Static moment rating about Y axis
M _{0z}	883 Nm	Static moment rating about Z axis
≈m	1.8 kg	Weight



Mounting dimensions

A 1	20.5 mm	Distance from locating edge on carriage to locating edge on guideway
J B	60 mm	
b	45 mm	Width rail
A 2	13 mm	Distance from locating edge to hole
L 1	59.7 mm	
L S	2.2 mm	
H 1	9.7 mm	Free space, system dimension
H 5	9.25 mm	
T 5	17 mm	Thread depth
G 2	M10	Fixing screws above (DIN ISO 4762-12.9)
G2 M A	83 Nm	Maximum tightening torque
A 3	16.5 mm	Position lubrication connector
G 3	M6	Lubrication connector
t G 3	7 mm	Maximum permissible screw depth for lubrication connectors
A 4	16.5 mm	Position lubrication connector
G 4	M6	Lubrication connector
t G 4	7 mm	Maximum permissible screw depth for lubrication connectors
J L6	37.9 mm	Position lubrication connector

Additional information

VMKB_065	KWVE	Material name
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