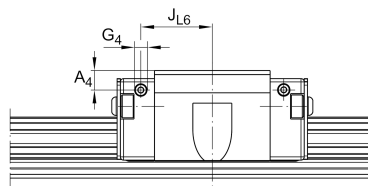
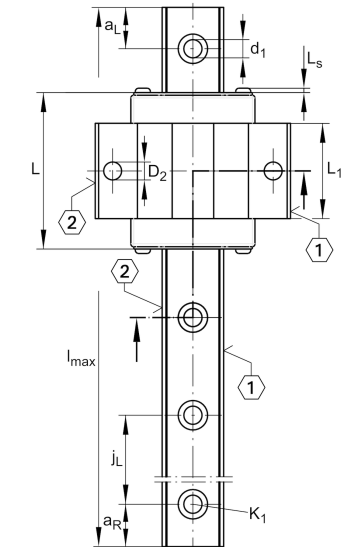
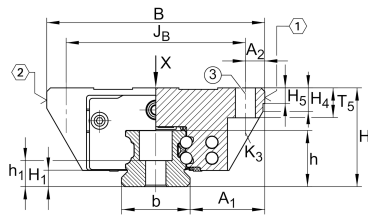


KWVE45-B-EC [↗](#)

Recirculating ball bearing carriage

Carriages KWVE...-B-EC, expanded interchangeability, short carriage, four-row

Technical information

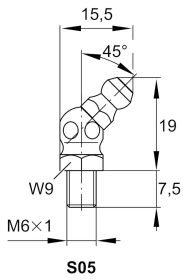
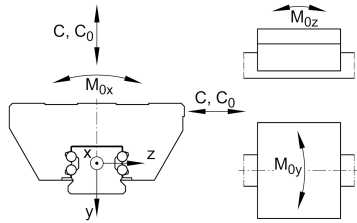


Your current product variant

Size code	45	
Version	B	
Carriage design	EC	Expanded design, short carriage (carriage without screw threads)

Main Dimensions & Performance Data

H	60 mm	Height system
B	120 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	2,07 kg	Weight



Mounting dimensions

A ₁	37,5 mm	Distance from locating edge on carriage to locating edge on guideway
J _B	100 mm	
b	45 mm	Width rail
A ₂	10 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 ₄	19,9 mm	
H ₅	9,25 mm	
T ₅	15 mm	Thread depth
K ₃	M10	Fixing screws below (DIN ISO 4762-12.9)
K _{3 M_A}	83 Nm	Maximum tightening torque
D ₂	10,6 mm	
A ₃	16,5 mm	Position lubrication connector
G ₃	M6	Lubrication connector
t _{G₃}	7 mm	Maximum permissible screw depth for lubrication connectors
A ₄	16,5 mm	Position lubrication connector
G ₄	M6	Lubrication connector
t _{G₄}	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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