

**KWL45-AL-V0-G4** [↗](#)

Recirculating ball bearing carriage

Long flanged carriage, standard end plate, for four-row linear recirculating ball bearing and guideway assembly

Technical information

**Your current product variant**

Size Code	45	
Carriage design	AL	Long design
Preload	V0	Slight clearance
Accuracy class	G4	

Main Dimensions & Performance Data

H	60 mm	Height system
B	120 mm	Width carriage
L	167 mm	Overall length carriage
C	72.000 N	Dynamic load rating
C ₀	135.000 N	Basic static load capacity
M _{0x}	3.600 Nm	Static moment rating about X-axis
M _{0y}	2.600 Nm	Static moment rating about Y-axis
M _{0z}	2.600 Nm	Static moment rating about Z-axis
M _{0x}	1.735 Nm	Dynamic moment rating about X-axis
M _{0y}	2.440 Nm	Dynamic moment rating about y-axis
M _{0z}	2.440 Nm	Dynamic moment rating about Z-axis
≈m	3,35 kg	Weight



Mounting dimensions

A ₁	37,5 mm	Distance from locating edge on carriage to locating edge on guideway
A ₂	10 mm	Distance from locating edge to hole
L ₁	128 mm	Carrier length
H ₁	14 mm	Free space, system dimension
J _B	100 mm	Hole spacing
J _L	80 mm	Hole Spacing
A ₃	8,5 mm	Position lubrication connector
T ₅	15 mm	Thread depth
G ₂	M12	Thread size, DIN ISO 4762-12.9
G2 M _A	140 Nm	Maximum tightening torque

Additional information

VMKB_065	KWLT	Material name
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