

**KWL15-A-V1-G4**

Recirculating ball bearing carriage

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

Technical information

**Your current product variant**

Size Code	15	
Carriage design	A	Standard design
Preload	V1	Slight preload (standard)
Accuracy class	G4	

Main Dimensions & Performance Data

H	24 mm	Height system
B	47 mm	Width carriage
L	62 mm	Overall length carriage
C	8.400 N	Dynamic load rating
C ₀	16.200 N	Basic static load capacity
M _{0x}	140 Nm	Static moment rating about X-axis
M _{0y}	99 Nm	Static moment rating about Y-axis
M _{0z}	99 Nm	Static moment rating about Z-axis
M _{0x}	65 Nm	Dynamic moment rating about X-axis
M _{0y}	85 Nm	Dynamic moment rating about y-axis
M _{0z}	85 Nm	Dynamic moment rating about Z-axis
≈m	190 g	Weight



Mounting dimensions

A ₁	16 mm	Distance from locating edge on carriage to locating edge on guideway
A ₂	4,5 mm	Distance from locating edge to hole
L ₁	40 mm	Carrier length
H ₁	4,6 mm	Free space, system dimension
J _B	38 mm	Hole spacing
J _L	30 mm	Hole Spacing
A ₃	4,3 mm	Position lubrication connector
T ₅	8 mm	Thread depth
G ₂	M5	Thread size, DIN ISO 4762-12.9
G2 M _A	9,7 Nm	Maximum tightening torque

Additional information

VMKB_065	KWLT	Material name
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