

**KWLT25-AL-V1-G3** [↗](#)

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	25	
Carriage design	AL	Long design
Preload	V1	Slight preload (standard)
Accuracy class	G3	

Main Dimensions & Performance Data

H	36 mm	Height system
B	70 mm	Width carriage
L	103,9 mm	Overall length carriage
C	24.300 N	Dynamic load rating
C ₀	48.500 N	Basic static load capacity
M _{0x}	640 Nm	Static moment rating about X-axis
M _{0y}	590 Nm	Static moment rating about Y-axis
M _{0z}	590 Nm	Static moment rating about Z-axis
M _{0x}	287 Nm	Dynamic moment rating about X-axis
M _{0y}	490 Nm	Dynamic moment rating about y-axis
M _{0z}	490 Nm	Dynamic moment rating about Z-axis
≈m	0,81 kg	Weight



Mounting dimensions

A ₁	23,5 mm	Distance from locating edge on carriage to locating edge on guideway
A ₂	6,5 mm	Distance from locating edge to hole
L ₁	79,1 mm	Carrier length
H ₁	7 mm	Free space, system dimension
J _B	57 mm	Hole spacing
J _L	45 mm	Hole Spacing
A ₃	6,5 mm	Position lubrication connector
T ₅	12 mm	Thread depth
G ₂	M8	Thread size, DIN ISO 4762-12.9
G2 M _A	40 Nm	Maximum tightening torque

Additional information

VMKB_065	KWLT	Material name
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