

**KWLT25-AS-V2-G4**

Recirculating ball bearing carriage

Short 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	AS	Short design
Preload	V2	Preload class 2
Accuracy class	G4	

Main Dimensions & Performance Data

H	36 mm	Height system
B	70 mm	Width carriage
L	63,6 mm	Overall length carriage
C	14.900 N	Dynamic load rating
C ₀	24.300 N	Basic static load capacity
M _{0x}	320 Nm	Static moment rating about X-axis
M _{0y}	163 Nm	Static moment rating about Y-axis
M _{0z}	163 Nm	Static moment rating about Z-axis
M _{0x}	183 Nm	Dynamic moment rating about X-axis
M _{0y}	153 Nm	Dynamic moment rating about y-axis
M _{0z}	153 Nm	Dynamic moment rating about Z-axis
≈m	420 g	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	38,8 mm	Carrier length
H ₁	7 mm	Free space, system dimension
J _B	57 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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