

**KWLT30-A-V0-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	30	
Carriage design	A	Standard design
Preload	V0	Slight clearance
Accuracy class	G4	

Main Dimensions & Performance Data

H	42 mm	Height system
B	90 mm	Width carriage
L	100,4 mm	Overall length carriage
C	27.500 N	Dynamic load rating
C ₀	49.500 N	Basic static load capacity
M _{0x}	790 Nm	Static moment rating about X-axis
M _{0y}	540 Nm	Static moment rating about Y-axis
M _{0z}	540 Nm	Static moment rating about Z-axis
M _{0x}	406 Nm	Dynamic moment rating about X-axis
M _{0y}	493 Nm	Dynamic moment rating about y-axis
M _{0z}	493 Nm	Dynamic moment rating about Z-axis
≈m	0,99 kg	Weight



Mounting dimensions

A ₁	31 mm	Distance from locating edge on carriage to locating edge on guideway
A ₂	9 mm	Distance from locating edge to hole
L ₁	67,4 mm	Carrier length
H ₁	9 mm	Free space, system dimension
J _B	72 mm	Hole spacing
J _L	52 mm	Hole Spacing
A ₃	8 mm	Position lubrication connector
T ₅	11,5 mm	Thread depth
G ₂	M10	Thread size, DIN ISO 4762-12.9
G2 M _A	81 Nm	Maximum tightening torque

Additional information

VMKB_065	KWLT	Material name
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