

**KWLT30-H-V0-G3** [↗](#)

## Recirculating ball bearing carriage

High 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	H	High design
Preload	V0	Slight clearance
Accuracy class	G3	

**Main Dimensions & Performance Data**

H	45 mm	Height system
B	60 mm	Width carriage
L	100,4 mm	Overall length carriage
C	27.500 N	Dynamic load rating
C <sub>0</sub>	49.500 N	Basic static load capacity
M <sub>0x</sub>	790 Nm	Static moment rating about X-axis
M <sub>0y</sub>	540 Nm	Static moment rating about Y-axis
M <sub>0z</sub>	540 Nm	Static moment rating about Z-axis
M <sub>0x</sub>	406 Nm	Dynamic moment rating about X-axis
M <sub>0y</sub>	493 Nm	Dynamic moment rating about y-axis
M <sub>0z</sub>	493 Nm	Dynamic moment rating about Z-axis
≈m	0,84 kg	Weight



### Mounting dimensions

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A <sub>1</sub>	16 mm	Distance from locating edge on carriage to locating edge on guideway
A <sub>2</sub>	10 mm	Distance from locating edge to hole
L <sub>1</sub>	67,4 mm	Carrier length
H <sub>1</sub>	9 mm	Free space, system dimension
J <sub>B</sub>	40 mm	Hole spacing
J <sub>L</sub>	40 mm	Hole Spacing
A <sub>3</sub>	11 mm	Position lubrication connector
T <sub>5</sub>	11 mm	Thread depth
G <sub>2</sub>	M8	Thread size, DIN ISO 4762-12.9
G2 M <sub>A</sub>	40 Nm	Maximum tightening torque

### Additional information

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VMKB_065	KWLT	Material name
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