

**KWLT30-A-V1-G3**

## 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	V1	Slight preload (standard)
Accuracy class	G3	

**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 <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	0,99 kg	Weight



### Mounting dimensions

A <sub>1</sub>	31 mm	Distance from locating edge on carriage to locating edge on guideway
A <sub>2</sub>	9 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>	72 mm	Hole spacing
J <sub>L</sub>	52 mm	Hole Spacing
A <sub>3</sub>	8 mm	Position lubrication connector
T <sub>5</sub>	11,5 mm	Thread depth
G <sub>2</sub>	M10	Thread size, DIN ISO 4762-12.9
G2 M <sub>A</sub>	81 Nm	Maximum tightening torque

### Additional information

VMKB_065	KWLT	Material name
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