

**KWLT30-ESC-V0-G3**

## Recirculating ball bearing carriage

Short & slim 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	ESC	Short design
Preload	V0	Slight clearance
Accuracy class	G3	

**Main Dimensions & Performance Data**

H	42 mm	Height system
B	60 mm	Width carriage
L	78 mm	Overall length carriage
C	20.700 N	Dynamic load rating
C <sub>0</sub>	33.000 N	Basic static load capacity
M <sub>0x</sub>	530 Nm	Static moment rating about X-axis
M <sub>0y</sub>	260 Nm	Static moment rating about Y-axis
M <sub>0z</sub>	260 Nm	Static moment rating about Z-axis
M <sub>0x</sub>	312 Nm	Dynamic moment rating about X-axis
M <sub>0y</sub>	249 Nm	Dynamic moment rating about y-axis
M <sub>0z</sub>	249 Nm	Dynamic moment rating about Z-axis
m	0,53 kg	Weight



### Mounting dimensions

---

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>	45 mm	Carrier length
H <sub>1</sub>	9 mm	Free space, system dimension
J <sub>B</sub>	40 mm	Hole spacing
A <sub>3</sub>	8 mm	Position lubrication connector
T <sub>5</sub>	8,5 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

---

VMKB_065	KWLT	Material name
----------	------	---------------