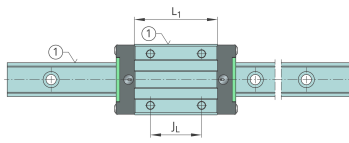


**KWLT45-HL-V0-G4** [↗](#)

## Recirculating ball bearing carriage

Long & high carriage, standard end plate, for four-row linear recirculating ball bearing and guideway assembly

## Technical information

**Your current product variant**

Size code	45	
Carriage design	HL	High, long design
Preload class	V0	Slight clearance
Accuracy class	G4	

**Main Dimensions & Performance Data**

H	70 mm	Height system
B	86 mm	Width carriage
L	167 mm	Overall length carriage
C	72.000 N	Dynamic load rating
C <sub>0</sub>	135.000 N	Basic static load capacity
M <sub>0x</sub>	3.600 Nm	Static moment rating about X-axis
M <sub>0y</sub>	2.600 Nm	Static moment rating about Y-axis
M <sub>0z</sub>	2.600 Nm	Static moment rating about Z-axis
M <sub>0x</sub>	1.735 Nm	Dynamic moment rating about X-axis
M <sub>0y</sub>	2.440 Nm	Dynamic moment rating about y-axis
M <sub>0z</sub>	2.440 Nm	Dynamic moment rating about Z-axis
≈m	3,42 kg	Weight



### Mounting dimensions

---

A <sub>1</sub>	20,5 mm	Distance from locating edge on carriage to locating edge on guideway
A <sub>2</sub>	13 mm	Distance from locating edge to hole
L <sub>1</sub>	128 mm	Carrier length
H <sub>1</sub>	14 mm	Free space, system dimension
J <sub>B</sub>	60 mm	Hole spacing
J <sub>L</sub>	80 mm	Hole Spacing
A <sub>3</sub>	18,5 mm	Position lubrication connector
T <sub>5</sub>	20,5 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
----------	------	---------------