

**KWLT35-AS-V0-G3** [↗](#)

## Recirculating ball bearing carriage

Short flanged carriage, standard end plate,  
for four-row linear recirculating ball bearing  
and guideway assembly

## Technical information



## Your current product variant

Size code	35	
Carriage design	AS	Short design
Preload class	V0	Slight clearance
Accuracy class	G3	

## Main Dimensions &amp; Performance Data

H	48 mm	Height system
B	100 mm	Width carriage
L	88,4 mm	Overall length carriage
C	27.500 N	Dynamic load rating
C <sub>0</sub>	43.000 N	Basic static load capacity
M <sub>0x</sub>	940 Nm	Static moment rating about X-axis
M <sub>0y</sub>	385 Nm	Static moment rating about Y-axis
M <sub>0z</sub>	385 Nm	Static moment rating about Z-axis
M <sub>0x</sub>	507 Nm	Dynamic moment rating about X-axis
M <sub>0y</sub>	378 Nm	Dynamic moment rating about y-axis
M <sub>0z</sub>	378 Nm	Dynamic moment rating about Z-axis
≈m	1,04 kg	Weight



### Mounting dimensions

---

A <sub>1</sub>	33 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>	51,4 mm	Carrier length
H <sub>1</sub>	9,5 mm	Free space, system dimension
J <sub>B</sub>	82 mm	Hole spacing
A <sub>3</sub>	8 mm	Position lubrication connector
T <sub>5</sub>	13 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
----------	------	---------------