

**KWLT35-AL-V1-G4** [↗](#)

Recirculating ball bearing carriage

Long 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	AL	Long design
Preload	V1	Slight preload (standard)
Accuracy class	G4	

Main Dimensions & Performance Data

H	48 mm	Height system
B	100 mm	Width carriage
L	142,5 mm	Overall length carriage
C	45.000 N	Dynamic load rating
C ₀	86.000 N	Basic static load capacity
M _{0x}	1.680 Nm	Static moment rating about X-axis
M _{0y}	1.390 Nm	Static moment rating about Y-axis
M _{0z}	1.390 Nm	Static moment rating about Z-axis
M _{0x}	807 Nm	Dynamic moment rating about X-axis
M _{0y}	1.224 Nm	Dynamic moment rating about y-axis
M _{0z}	1.224 Nm	Dynamic moment rating about Z-axis
m	2,02 kg	Weight



Mounting dimensions

A ₁	33 mm	Distance from locating edge on carriage to locating edge on guideway
A ₂	9 mm	Distance from locating edge to hole
L ₁	105,5 mm	Carrier length
H ₁	9,5 mm	Free space, system dimension
J _B	82 mm	Hole spacing
J _L	62 mm	Hole Spacing
A ₃	8 mm	Position lubrication connector
T ₅	13 mm	Thread depth
G ₂	M10	Thread size, DIN ISO 4762-12.9
G2 M _A	81 Nm	Maximum tightening torque

Additional information

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