

**KWLT35-ESC-V1-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	35	
Carriage design	ESC	Short design
Preload	V1	Slight preload (standard)
Accuracy class	G3	

Main Dimensions & Performance Data

H	48 mm	Height system
B	70 mm	Width carriage
L	88,4 mm	Overall length carriage
C	27.500 N	Dynamic load rating
C ₀	43.000 N	Basic static load capacity
M _{0x}	940 Nm	Static moment rating about X-axis
M _{0y}	385 Nm	Static moment rating about Y-axis
M _{0z}	385 Nm	Static moment rating about Z-axis
M _{0x}	507 Nm	Dynamic moment rating about X-axis
M _{0y}	378 Nm	Dynamic moment rating about y-axis
M _{0z}	378 Nm	Dynamic moment rating about Z-axis
≈m	0,82 kg	Weight



Mounting dimensions

A ₁	18 mm	Distance from locating edge on carriage to locating edge on guideway
A ₂	10 mm	Distance from locating edge to hole
L ₁	51,4 mm	Carrier length
H ₁	9,5 mm	Free space, system dimension
J _B	50 mm	Hole spacing
A ₃	8 mm	Position lubrication connector
T ₅	10 mm	Thread depth
G ₂	M8	Thread size, DIN ISO 4762-12.9
G2 M _A	40 Nm	Maximum tightening torque

Additional information

VMKB_065	KWLT	Material name
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