

**KWLT30-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	30	
Carriage design	ESC	Short design
Preload	V1	Slight preload (standard)
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 ₀	33.000 N	Basic static load capacity
M _{0x}	530 Nm	Static moment rating about X-axis
M _{0y}	260 Nm	Static moment rating about Y-axis
M _{0z}	260 Nm	Static moment rating about Z-axis
M _{0x}	312 Nm	Dynamic moment rating about X-axis
M _{0y}	249 Nm	Dynamic moment rating about y-axis
M _{0z}	249 Nm	Dynamic moment rating about Z-axis
m	0,53 kg	Weight



Mounting dimensions

A ₁	16 mm	Distance from locating edge on carriage to locating edge on guideway
A ₂	10 mm	Distance from locating edge to hole
L ₁	45 mm	Carrier length
H ₁	9 mm	Free space, system dimension
J _B	40 mm	Hole spacing
A ₃	8 mm	Position lubrication connector
T ₅	8,5 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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