

**KWL15-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	15	
Carriage design	ESC	Short design
Preload	V1	Slight preload (standard)
Accuracy class	G3	

Main Dimensions & Performance Data

H	24 mm	Height system
B	34 mm	Width carriage
L	47,6 mm	Overall length carriage
C	6.300 N	Dynamic load rating
C ₀	10.800 N	Basic static load capacity
M _{0x}	95 Nm	Static moment rating about X-axis
M _{0y}	47 Nm	Static moment rating about Y-axis
M _{0z}	47 Nm	Static moment rating about Z-axis
M _{0x}	50 Nm	Dynamic moment rating about X-axis
M _{0y}	43 Nm	Dynamic moment rating about y-axis
M _{0z}	43 Nm	Dynamic moment rating about Z-axis
≈m	100 g	Weight



Mounting dimensions

A ₁	9,5 mm	Distance from locating edge on carriage to locating edge on guideway
A ₂	4 mm	Distance from locating edge to hole
L ₁	25,6 mm	Carrier length
H ₁	4,6 mm	Free space, system dimension
J _B	26 mm	Hole spacing
A ₃	4,3 mm	Position lubrication connector
T ₅	4 mm	Thread depth
G ₂	M4	Thread size, DIN ISO 4762-12.9
G2 M _A	4,95 Nm	Maximum tightening torque

Additional information

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