

**KWL45-S-V1-G3** [↗](#)

Recirculating ball bearing carriage

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

Technical information

**Your current product variant**

Size Code	45	
Carriage design	S	Narrow design
Preload	V1	Slight preload (standard)
Accuracy class	G3	

Main Dimensions & Performance Data

H	60 mm	Height system
B	86 mm	Width carriage
L	135 mm	Overall length carriage
C	59.000 N	Dynamic load rating
C ₀	101.000 N	Basic static load capacity
M _{0x}	2.700 Nm	Static moment rating about X-axis
M _{0y}	1.520 Nm	Static moment rating about Y-axis
M _{0z}	1.520 Nm	Static moment rating about Z-axis
M _{0x}	1.442 Nm	Dynamic moment rating about X-axis
M _{0y}	1.505 Nm	Dynamic moment rating about y-axis
M _{0z}	1.505 Nm	Dynamic moment rating about Z-axis
≈m	1,97 kg	Weight



Mounting dimensions

A ₁	20,5 mm	Distance from locating edge on carriage to locating edge on guideway
A ₂	13 mm	Distance from locating edge to hole
L ₁	96 mm	Carrier length
H ₁	14 mm	Free space, system dimension
J _B	60 mm	Hole spacing
J _L	60 mm	Hole Spacing
A ₃	8,5 mm	Position lubrication connector
T ₅	12 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
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