

**KWLT20-S-V1-G4** [↗](#)

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	20	
Carriage design	S	Narrow design
Preload	V1	Slight preload (standard)
Accuracy class	G4	

Main Dimensions & Performance Data

H	30 mm	Height system
B	44 mm	Width carriage
L	71,8 mm	Overall length carriage
C	12.300 N	Dynamic load rating
C ₀	22.400 N	Basic static load capacity
M _{0x}	244 Nm	Static moment rating about X-axis
M _{0y}	173 Nm	Static moment rating about Y-axis
M _{0z}	173 Nm	Static moment rating about Z-axis
M _{0x}	122 Nm	Dynamic moment rating about X-axis
M _{0y}	154 Nm	Dynamic moment rating about y-axis
M _{0z}	154 Nm	Dynamic moment rating about Z-axis
≈m	310 g	Weight



Mounting dimensions

A ₁	12 mm	Distance from locating edge on carriage to locating edge on guideway
A ₂	6 mm	Distance from locating edge to hole
L ₁	50 mm	Carrier length
H ₁	5 mm	Free space, system dimension
J _B	32 mm	Hole spacing
J _L	36 mm	Hole Spacing
A ₃	5,7 mm	Position lubrication connector
T ₅	6,5 mm	Thread depth
G ₂	M5	Thread size, DIN ISO 4762-12.9
G2 M _A	9,7 Nm	Maximum tightening torque

Additional information

VMKB_065	KWLT	Material name
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