

**KWVE45-B-NL** [↗](#)

Recirculating ball bearing carriage

Carriages KWVE...-B-NL, low, long carriage, four-row

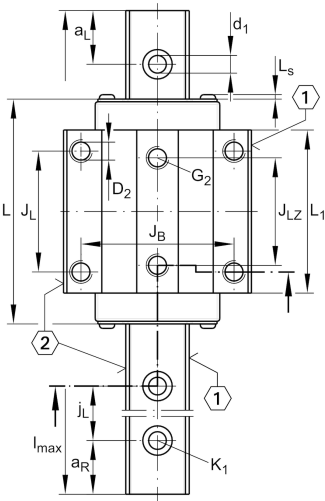
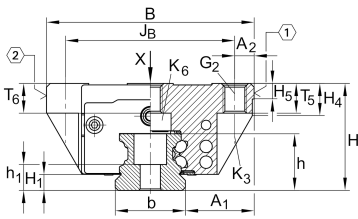
## Technical information

## Your current product variant

Size code	45
Version	B
Carriage design	NL <span style="float: right;">Low, long carriage</span>

## Main Dimensions &amp; Performance Data

H	52 mm	Height system
B	120 mm	Width carriage
L	172,7 mm	Overall length carriage
C	82.000 N	Dynamic load rating
C <sub>0</sub>	181.000 N	Static load rating
M <sub>0x</sub>	4.635 Nm	Static moment rating about X axis
M <sub>0y</sub>	4.000 Nm	Static moment rating about Y axis
M <sub>0z</sub>	4.000 Nm	Static moment rating about Z axis
≈m	3,38 kg	Weight





### Mounting dimensions

A <sub>1</sub>	37,5 mm	Distance from locating edge on carriage to locating edge on guideway
J <sub>B</sub>	100 mm	
b	45 mm	Width rail
A <sub>2</sub>	10 mm	Distance from locating edge to hole
L <sub>1</sub>	134,6 mm	
L <sub>S</sub>	2,2 mm	
J <sub>L</sub>	80 mm	
J <sub>LZ</sub>	60 mm	
H <sub>1</sub>	9,7 mm	Free space, system dimension
H <sub>4</sub>	17,2 mm	
H <sub>5</sub>	9,25 mm	
T <sub>5</sub>	15 mm	Thread depth
T <sub>6</sub>	11 mm	
G <sub>2</sub>	M12	Fixing screws above (DIN ISO 4762-12.9)
G <sub>2 M<sub>A</sub></sub>	83 Nm	Maximum tightening torque
K <sub>3</sub>	M10	Fixing screws below (DIN ISO 4762-12.9)
K <sub>3 M<sub>A</sub></sub>	83 Nm	Maximum tightening torque
K <sub>6</sub>	M10	Fixing screws below (DIN 7984-8.8)
K <sub>6 M<sub>A</sub></sub>	35 Nm	Maximum tightening torque
D <sub>2</sub>	10,6 mm	
A <sub>3</sub>	8,5 mm	Position lubrication connector
G <sub>3</sub>	M6	Lubrication connector
t <sub>G<sub>3</sub></sub>	7 mm	Maximum permissible screw depth for lubrication connectors
A <sub>4</sub>	8,5 mm	Position lubrication connector
G <sub>4</sub>	M6	Lubrication connector
t <sub>G<sub>4</sub></sub>	7 mm	Maximum permissible screw depth for lubrication connectors
J <sub>L6</sub>	35,5 mm	Position lubrication connector



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**SCHAEFFLER**

### Additional information

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KWVE

Material name