



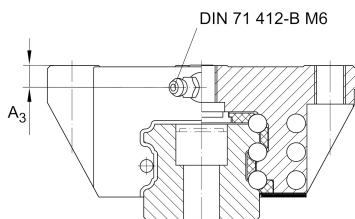
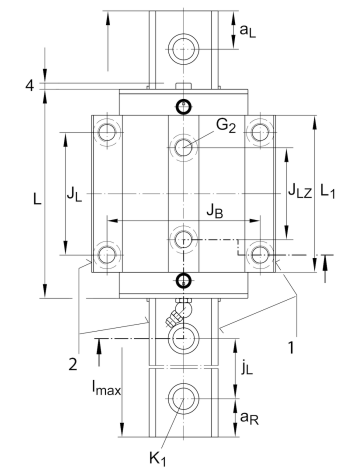
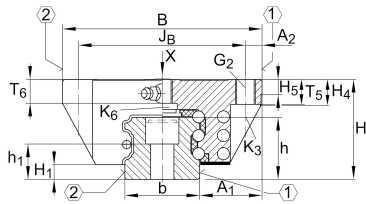
### KWSE20-L

Recirculating ball bearing carriage

Long carriage for six-row linear recirculating ball bearing and guideway assembly

X-life

## Technical information

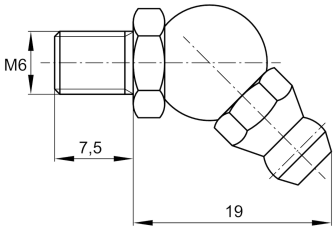
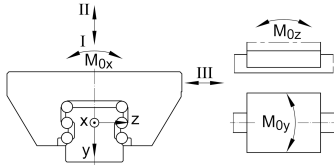
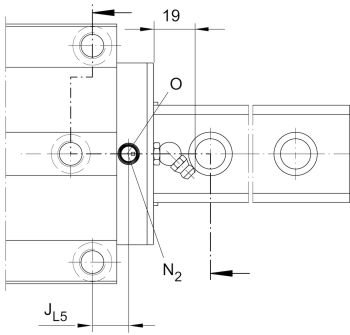


### Your current product variant

Size code	20	
Carriage design	L	Long carriage

### Main Dimensions & Performance Data

H	30 mm	Height system
B	63 mm	Width carriage
L	91,9 mm	Overall length carriage
I C	35.000 N	Dynamic load rating, load direction I: compressive load
I C <sub>0</sub>	83.000 N	Static load rating, load direction I: compressive load
II C	25.000 N	Dynamic load rating, load direction II: tensile load
II C <sub>0</sub>	47.000 N	Static load rating, load direction II: tensile load
III C	26.000 N	Dynamic load rating; basic dynamic load rating, Load direction III: lateral load
III C <sub>0</sub>	48.000 N	Static load rating, Load direction III: lateral load
≈m	0,6 kg	Weight



## Mounting dimensions

A <sub>1</sub>	21,5 mm	Distance from locating edge on carriage to locating edge on guideway
J <sub>B</sub>	53 mm	
b	20 mm	Width rail
A <sub>2</sub>	5 mm	Distance from locating edge to hole
L <sub>1</sub>	72,9 mm	
J <sub>L</sub>	40 mm	
J <sub>LZ</sub>	35 mm	
H <sub>1</sub>	4,6 mm	Free space, system dimension
H <sub>4</sub>	10,6 mm	
H <sub>5</sub>	5 mm	
T <sub>5</sub>	10 mm	Thread depth
T <sub>6</sub>	7,2 mm	
G <sub>2</sub>	M6	Fixing screws below (DIN ISO 4762-12.9)
G <sub>2 M<sub>A</sub></sub>	10 Nm	Maximum tightening torque
K <sub>3</sub>	M5	Fixing screws below (DIN ISO 4762-12.9)
K <sub>3 M<sub>A</sub></sub>	10 Nm	Maximum tightening torque
K <sub>6</sub>	M5	Fixing screws below (DIN ISO 4762-12.9)
K <sub>6 M<sub>A</sub></sub>	5,8 Nm	Maximum tightening torque
D <sub>2</sub>	5,5 mm	
N <sub>2</sub>	3 mm	Max. diameter of lubrication hole in adjacent construction
J <sub>L5</sub>	20,19 mm	Position lubrication connector
A <sub>3</sub>	5,8 mm	Position lubrication connector
t <sub>A<sub>3</sub></sub>	7 mm	Maximum permissible screw depth for lubrication connectors
O	3x1,5	O-Ring DIN 3771
M <sub>0X</sub>	730 Nm	Moment
M <sub>0Y</sub>	640 Nm	Moment
M <sub>0Z</sub>	570 Nm	Moment



View product details on medias

18.06.2026, 14:02:30 UTC

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### Additional information

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VMKB\_065

KWSE

Material name