



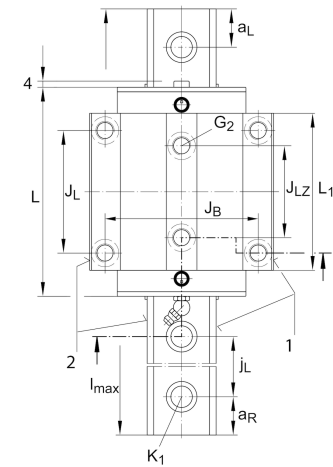
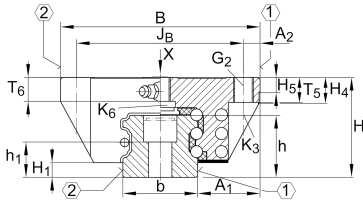
KWSE20

Recirculating ball bearing carriage

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

X-life

Technical information

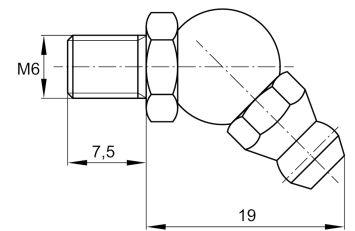
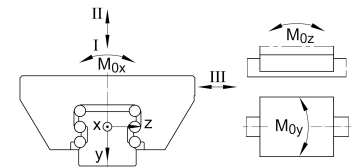
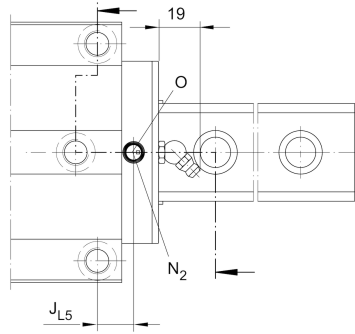
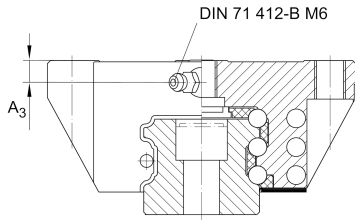


Your current product variant

Size code 20

Main Dimensions & Performance Data

H	30 mm	Height system
B	63 mm	Width carriage
L	71,4 mm	Overall length carriage
I C	25.500 N	Dynamic load rating, load direction I: compressive load
I C ₀	61.000 N	Static load rating, load direction I: compressive load
II C	21.300 N	Dynamic load rating, load direction II: tensile load
II C ₀	35.300 N	Static load rating, load direction II: tensile load
III C	21.000 N	Dynamic load rating; basic dynamic load rating, Load direction III: lateral load
III C ₀	35.000 N	Static load rating, Load direction III: lateral load
≈m	0,43 kg	Weight



Mounting dimensions

A ₁	21,5 mm	Distance from locating edge on carriage to locating edge on guideway
J _B	53 mm	
b	20 mm	Width rail
A ₂	5 mm	Distance from locating edge to hole
L ₁	52,4 mm	
J _L	40 mm	
J _{LZ}	35 mm	
H ₁	4,6 mm	Free space, system dimension
H ₄	10,6 mm	
H ₅	5 mm	
T ₅	10 mm	Thread depth
T ₆	7,2 mm	
G ₂	M6	Fixing screws below (DIN ISO 4762-12.9)
G _{2 M_A}	10 Nm	Maximum tightening torque
K ₃	M5	Fixing screws below (DIN ISO 4762-12.9)
K _{3 M_A}	10 Nm	Maximum tightening torque
K ₆	M5	Fixing screws below (DIN ISO 4762-12.9)
D ₂	5,5 mm	
N ₂	3 mm	Max. diameter of lubrication hole in adjacent construction
J _{L5}	9,95 mm	Position lubrication connector
A ₃	5,8 mm	Position lubrication connector
t _{A₃}	7 mm	Maximum permissible screw depth for lubrication connectors
M _{0X}	530 Nm	Moment
M _{0Y}	350 Nm	Moment
M _{0Z}	305 Nm	Moment



View product details on medias

16.06.2026, 10:18:51 UTC

SCHAEFFLER

Additional information

VMKB_065

KWSE

Material name