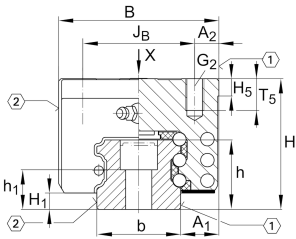
**KWSE30-HL**

Recirculating ball bearing carriage

High, narrow, long carriage for six-row linear recirculating ball bearing and guideway assembly

X-life

Technical information

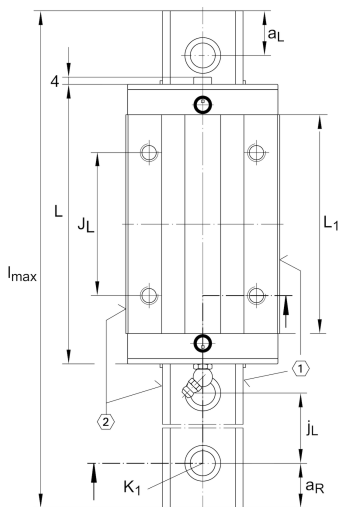


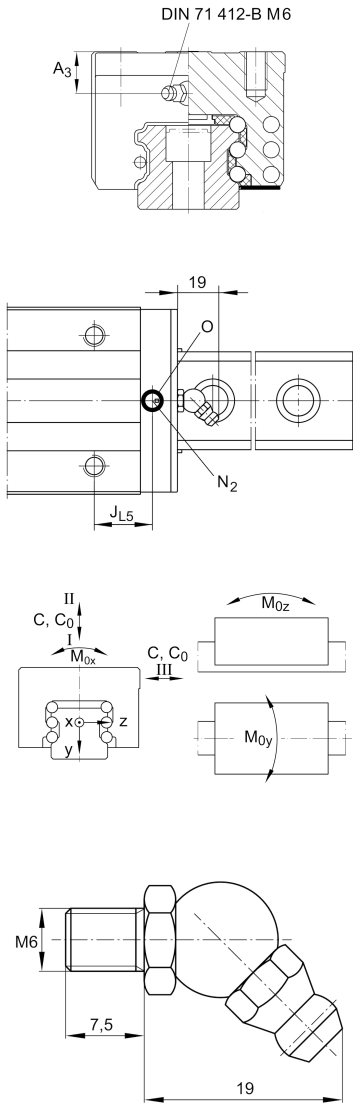
Your current product variant

Size code	30	
Carriage design	HL	High, long carriage

Main Dimensions & Performance Data

H	45 mm	Height system
B	60 mm	Width carriage
L	119,3 mm	Overall length carriage
I C	68.000 N	Dynamic load rating, load direction I: compressive load
I C ₀	152.000 N	Static load rating, load direction I: compressive load
II C	48.000 N	Dynamic load rating, load direction II: tensile load
II C ₀	85.000 N	Static load rating, load direction II: tensile load
III C	50.000 N	Dynamic load rating; basic dynamic load rating, Load direction III: lateral load
III C ₀	88.000 N	Static load rating, Load direction III: lateral load
≈m	1,2 kg	Weight





Mounting dimensions

A ₁	16 mm	Distance from locating edge on carriage to locating edge on guideway
J _B	40 mm	
b	28 mm	Width rail
A ₂	10 mm	Distance from locating edge to hole
L ₁	95,3 mm	
J _L	60 mm	
H ₁	5,4 mm	Free space, system dimension
H ₅	6 mm	
T ₅	11 mm	Thread depth
G ₂	M8	Fixing screws below (DIN ISO 4762-12.9)
G ₂ M _A	41 Nm	Maximum tightening torque
N ₂	4,5 mm	Max. diameter of lubrication hole in adjacent construction
J _{L5}	22,65 mm	Position lubrication connector
A ₃	9,5 mm	Position lubrication connector
t A ₃	7 mm	Maximum permissible screw depth for lubrication connectors
O	4,5x1,5	O-Ring DIN 3771
M _{0X}	1.920 Nm	Moment
M _{0Y}	1.540 Nm	Moment
M _{0Z}	1.360 Nm	Moment

Additional information

VMKB_065	KWSE	Material name
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