

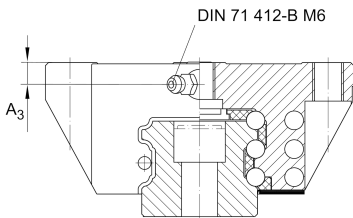
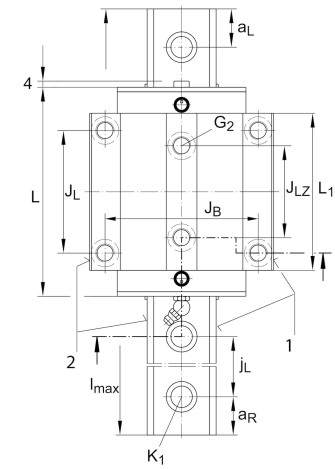
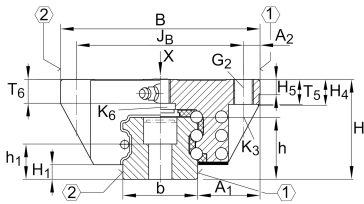
KWSE35-L

Recirculating ball bearing carriage

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

X-life

Technical information

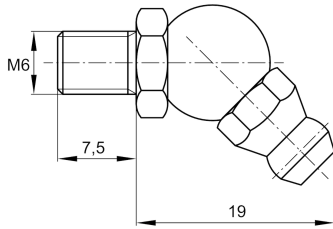
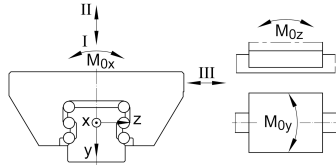
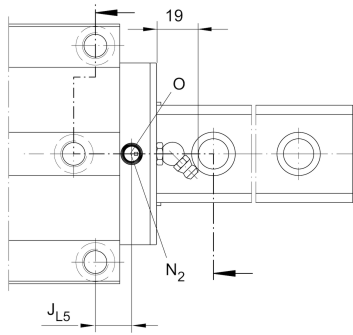


Your current product variant

Size code	35	
Carriage design	L	Long carriage

Main Dimensions & Performance Data

H	48 mm	Height system
B	100 mm	Width carriage
L	138,9 mm	Overall length carriage
I C	96.000 N	Dynamic load rating, load direction I: compressive load
I C ₀	214.000 N	Static load rating, load direction I: compressive load
II C	67.500 N	Dynamic load rating, load direction II: tensile load
II C ₀	119.000 N	Static load rating, load direction II: tensile load
III C	71.000 N	Dynamic load rating; basic dynamic load rating, Load direction III: lateral load
III C ₀	125.000 N	Static load rating, Load direction III: lateral load
≈m	2,1 kg	Weight



Mounting dimensions

A ₁	33 mm	Distance from locating edge on carriage to locating edge on guideway
J _B	82 mm	
b	34 mm	Width rail
A ₂	9 mm	Distance from locating edge to hole
L ₁	109,9 mm	
J _L	62 mm	
J _{LZ}	52 mm	
H ₁	6,6 mm	Free space, system dimension
H ₄	13,3 mm	
H ₅	6,5 mm	
T ₅	13 mm	Thread depth
T ₆	12 mm	
G ₂	M10	Fixing screws below (DIN ISO 4762-12.9)
G _{2 M_A}	41 Nm	Maximum tightening torque
K ₃	M8	Fixing screws below (DIN ISO 4762-12.9)
K _{3 M_A}	41 Nm	Maximum tightening torque
K ₆	M8	Fixing screws below (DIN ISO 4762-12.9)
K _{6 M_A}	24 Nm	Maximum tightening torque
D ₂	8,6 mm	
N ₂	4,5 mm	Max. diameter of lubrication hole in adjacent construction
J _{L5}	27,75 mm	Position lubrication connector
A ₃	7,2 mm	Position lubrication connector
t _{A₃}	7 mm	Maximum permissible screw depth for lubrication connectors
O	4,5x1,5	O-Ring DIN 3771
M _{0X}	3.300 Nm	Moment
M _{0Y}	2.480 Nm	Moment
M _{0Z}	2.190 Nm	Moment



View product details on medias

17.06.2026, 18:02:38 UTC

SCHAEFFLER

Additional information

VMKB_065

KWSE

Material name