



/medias/en!hp.ec.br.pr;/ahFJxyEypLM4/medias/en!hp.pv;/ahFJxyEypLM4183.17.124.253RWU..-E-L

Carriages RWU45-E-L (Series RWU..-E-L)

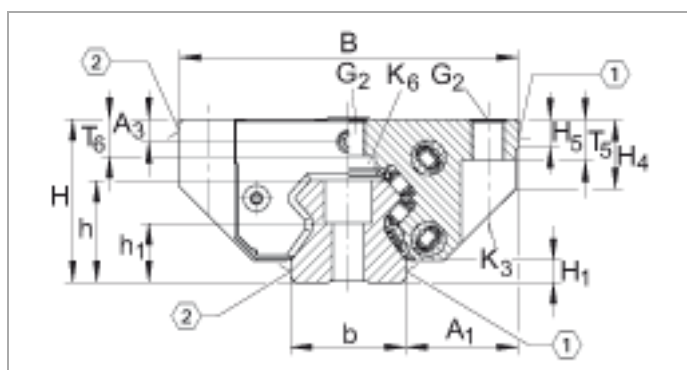
long carriage with full complement recirculating roller system for linear recirculating roller bearing and guideway assembly, for oil or grease lubrication

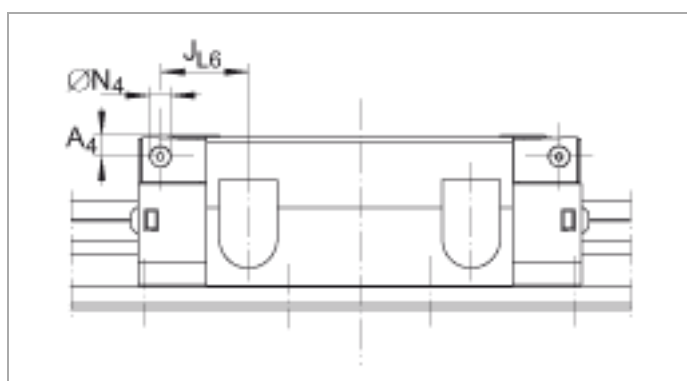
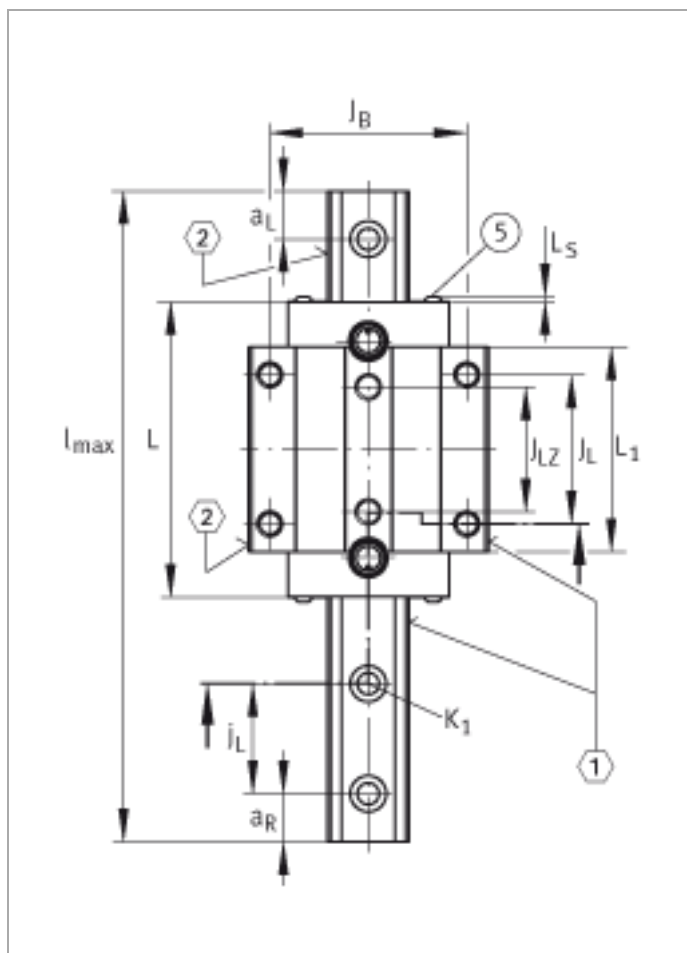
The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue ordering system (https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp) or by telephone on +49 (91 32) 82 - 28 97.

H	60 mm	
B	120 mm	
L	178,3 mm	Minimum covered length for sealing the lubrication connections
1)		Locating face
2)		Marking
5)		Fixing screw
A ₁	37,5 mm	
A ₃	6,6 mm	
A ₄	6,6 mm	
a _L max	41 mm	a L and a R are dependent on the length l max of the guideway
a _L min	20 mm	a L and a R are dependent on the length l max of the guideway
a _R max	41 mm	a L and a R are dependent on the length l max of the guideway
a _R min	20 mm	a L and a R are dependent on the length l max of the guideway
b	45 mm	Tolerance: -0,005/-0,035
G ₂	M12	For screws to DIN ISO 4762-12.9 Max. tightening torque [MA] in Nm: M6 = 10 M8 = 24 M10 = 41 M12 = 83

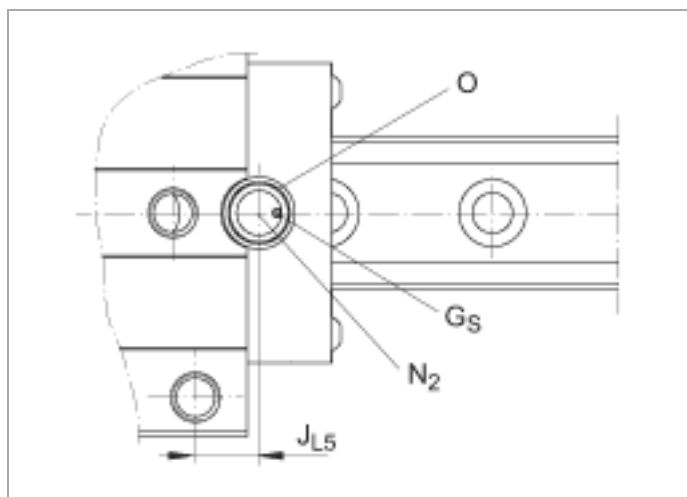
		M14 = 140 M16 = 220 M20 = 470
Gs	M4x4	DIN EN ISO 4027
h	38 mm	
H ₁	8,5 mm	
h ₁	19,5 mm	Tolerance: +/-0,5
H ₄	26 mm	
H ₅	8 mm	
J _B	100 mm	
J _L	80 mm	
j _L	52,5 mm	
J _{L5}	31,9 mm	Position of lubrication hole in adjacent construction.
J _{L6}	43,2 mm	
J _{LZ}	60 mm	
K ₁	M12	For screws to DIN ISO 4762-12.9 Max. tightening torque [MA] in Nm: M6 = 17 M8 = 41 M12 = 140 M14 = 220 M16 = 340 M24 = 1100
K ₃	M10	For screws to DIN ISO 4762-12.9 Max. tightening torque [MA] in Nm: M5 = 10 M6 = 17 M8 = 41 M10 = 83 M12 = 140 M14 = 220 M16 = 340
K ₆	M10	For screws to DIN ISO 7984-8.8 Max. tightening torque [MA] in Nm: M6 = 10 M8 = 24 M10 = 48 M12 = 83 M14 = 130 M16 = 220
L ₁	136,6 mm	
l _{max}	2940 mm	Maximum length of single-piece guideways; longer guideways are supplied in several sections and are marked accordingly. Maximum single-piece guideway length of 6 m by agreement.

Ls	2,2 mm	
N2	6 mm	Maximum diameter of lubrication hole in adjacent construction
N3	M6	Maximum screw depth 6 mm
N4	M6	
O	10x1,5 mm	DIN 3771
T5	15 mm	
T6	13,2 mm	
W ₁₀	10 mm	Width across flats
W7	7 mm	Width across flats
W8	8 mm	Width across flats
mw	4,05 kg	Mass of carriage
ms	9,4 kg/m	Mass of guideway
C	114000 N	Basic dynamic load rating
C ₀	285000 N	Basic static load rating
M _{0x}	2503 Nm	Static moment rating about X axis
M _{0y}	7263 Nm	Static moment rating about Y axis
M _{0z}	6536 Nm	Static moment rating about Z axis

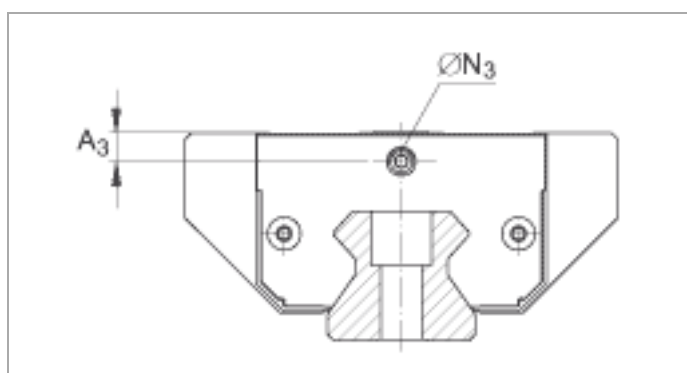




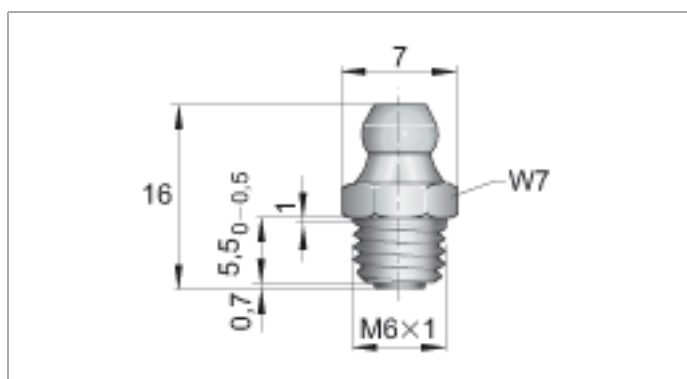
Lubrication connector on lateral face



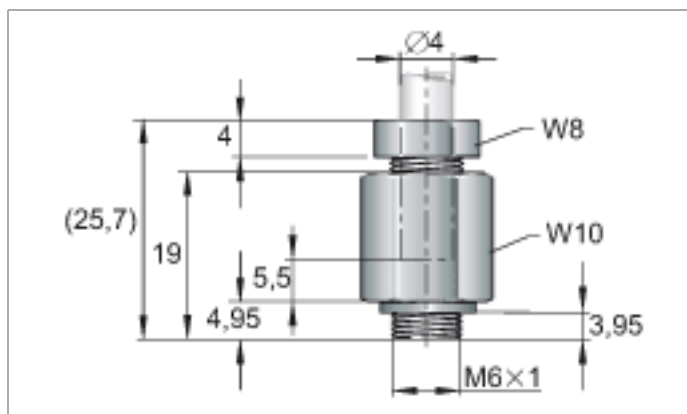
Lubrication connector in top face



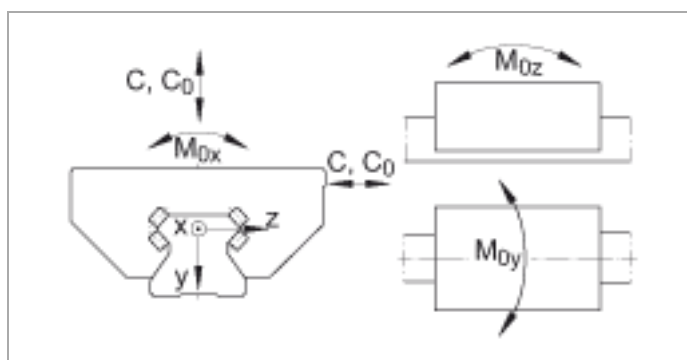
Dimensioning of lubrication connector in end face



Lubrication nipple to DIN 71412-A M6



Connector with union nut



Load directions