

Carriages KWEM12 (Series KWEM)

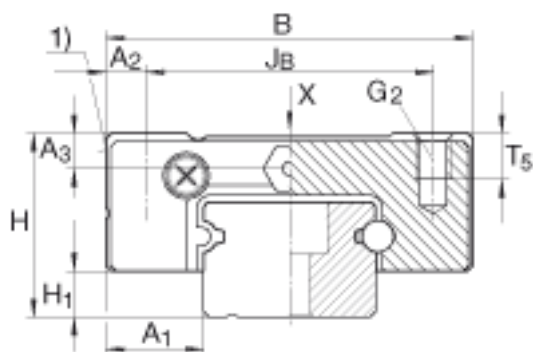
standard carriage for miniature linear recirculating ball bearing and guideway assembly, corrosion-resistant, two-row

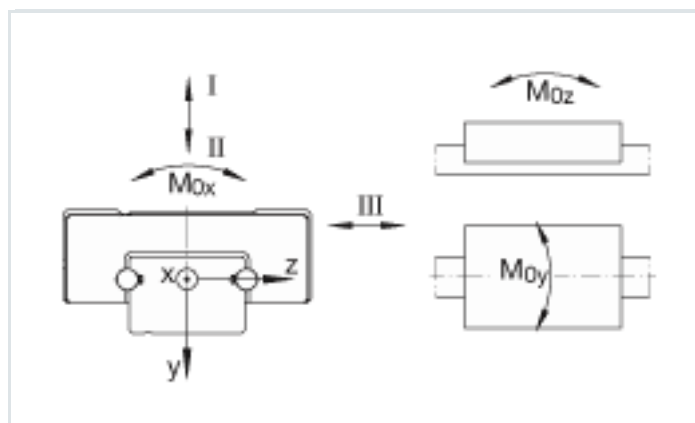
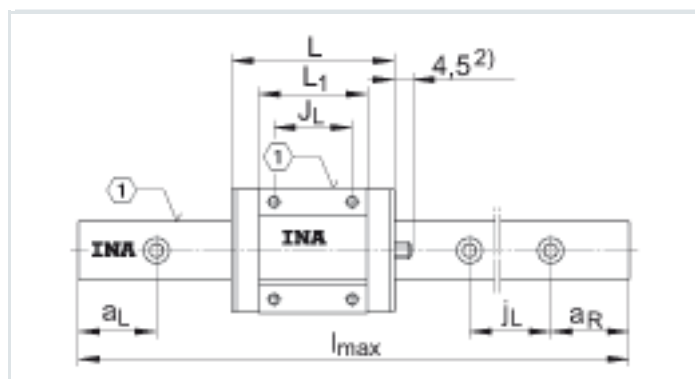
The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue 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	13 mm
B	27 mm
L	34 mm
1)	Locating face
A ₁	7,5 mm
A ₂	3,5 mm
A ₃	2,7 mm
aL max	17,5 mm
aL min	5 mm
aR max	17,5 mm
aR min	5 mm
G ₂	M3 for screws to DIN ISO 4 762-12.9 If there is a possibility of settling, the fixing screws should be

		secured against rotation. Max. tightening torque: M2 = 0,6 Nm M3 = 2,2 Nm M4 = 5 Nm
H ₁	3 mm	
h ₁	3,5 mm	
J _B	20 mm	
J _L	15 mm	
j _L	25 mm	
K ₁	M3	for screws to DIN ISO 4 762-12.9 If there is a possibility of settling, the fixing screws should be secured against rotation. Max. tightening torque: M2 = 0,6 Nm M3 = 2,2 Nm M4 = 5 Nm
L ₁	21,6 mm	
l _{max}	1000 mm	Maximum length l max of guideways; longer guideways by agreement Available standard lengths: 100 mm: 0,065 kg 150 mm: 0,098 kg 200 mm: 0,13 kg 275 mm: 0,179 kg 350 mm: 0,228 kg 475 mm: 0,309 kg 1,000 mm: 0,65 kg
T ₅	3,5 mm	

mw	0,035 kg	Mass of carriage
ms	0,65 kg/m	Mass of guideway
C _I	2631 N	Load direction I: compressive load
C _{0 I}	4290 N	Load direction I: compressive load
C _{II}	2631 N	Load direction II: tensile load
C _{0 II}	4290 N	Load direction II: tensile load
C _{III}	2315 N	Load direction III: lateral load
C _{0 III}	3604 N	Load direction III: lateral load
M _{0x}	26,6 Nm	Moment rating
M _{0y}	12,9 Nm	Moment rating
M _{0z}	15,4 Nm	Moment rating





Load directions