



Linear recirculating ball bearing units

KUVS13-B (Series KUVS)

linear recirculating ball bearing units for guideway with raceway on one side

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 (<http://www.ina.de/content.ina.de/en/mediathek/library/library.jsp>) or by telephone on +49 (91 32) 82 - 28 97.

H	15 mm	
B	30 mm	
L	71 mm	
1)		Locating face
2)		Marking
3)		Lubrication hole in end face
A1	16,5 mm	
A2	10 mm	
A3	7,3 mm	
aL _{max}	53 mm	a L and a R are dependent on the length l max of the guideway
aL _{min}	20 mm	a L and a R are dependent on the length l max of the guideway
aR _{max}	53 mm	a L and a R are dependent on the length l max of the guideway
aR _{min}	20 mm	a L and a R are dependent on the length l max of the guideway
b	13,5 mm	
B1	16,2 mm	
G2	M4	For screws to DIN ISO 4762-12.9 If there is a possibility of settling, the fixing screws should be secured against rotation. Max. tightening torque: M3 = 1,5 Nm M4 = 3 Nm M6 = 10 Nm
h	14 mm	

H ₁	1,5 mm	
h ₁	7,1 mm	
H ₂	13,5 mm	
j _B	6 mm	
J _L	20 mm	
j _L	60 mm	
K ₁	M3	For screws to DIN ISO 4762-12.9 If there is a possibility of settling, the fixing screws should be secured against rotation. Max. tightening torque: M3 = 2,5 Nm M4 = 3 Nm M5 = 10 Nm M6 = 10 Nm
K ₃	M3	For screws to DIN ISO 4762-12.9 If there is a possibility of settling, the fixing screws should be secured against rotation. Max. tightening torque: M3 = 2,5 Nm M5 = 10 Nm
L ₁	48,5 mm	
l _{max}	1500 mm	Maximum length L of guideway; longer guideways are supplied in several sections and are marked accordingly.
m _{F5}	0,085 kg	Mass of guidance unit
m _S	1,45 kg/m	Mass of guideway Basic load ratings, moment ratings: The usable load carrying capacity is influenced by the connections between the guidance elements and the adjacent construction.
C	6750 N	Basic dynamic load rating
C ₀	13000 N	Basic static load rating



