



Linear ball bearing and housing units

KGBAO12-PP-AS (Series KGBAO..-PP-AS)

open design, sealed, greased, with relubrication facility;
corrosion-resistant design possible

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.

F _w	12 mm
H	30,5 mm
B	42 mm
L	32 mm Tolerance: h12
	4 Number of rows of balls
1)	Main load direction
A ₃	7,8 mm
A ₅	21 mm Tolerance: +/-0,01
B ₂	7,7 mm Dimension B ₂ on diameter F _w
H ₂	18 mm Tolerance: +/-0,01
H ₆	4,8 mm Tolerance: -0,5
J _B	32 mm Tolerance: +/-0,15
J _L	23 mm Tolerance: +/-0,15
K ₅	M4 For fixing screws to ISO 4762-8.8 If there is a possibility of settling, the screws should be secured against rotation.
K ₈	NIPA1 Lubrication nipple
L ₄	32 mm
L ₅	20 mm
N ₁	4,7 mm
N ₃	8 mm
W ₁	2 mm Note maximum tightening torque. Tightening torque max. 1 Nm
α	78 °

m	0,07 kg Mass
C	600 N Basic load ratings in main load direction The basic load ratings are only valid for hardened (670+170 HV) and ground shaft raceways.
Co	445 N Basic load ratings in main load direction The basic load ratings are only valid for hardened (670+170 HV) and ground shaft raceways.

