

Linear ball bearing and housing units

KGSNG50-PP-AS (Series KGSNG..-PP-AS)

with self-aligning linear ball bearing, sealed, greased, with relubrication facility

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	50 mm
B	132 mm
L	100 mm
H	105 mm
	8 Number of rows of balls
1)	Main load direction
A ₅	66 mm Tolerance: +/-0,01
B ₁	90 mm
G ₂	M16
H ₂	50 mm Tolerance: +0,008/-0,016
H ₄	62 mm
H ₅	10,6 mm
H ₆	49 mm
J _B	108 mm Tolerance: +/-0,15
J _L	50 mm Tolerance: +/-0,15 Dimension J _L symmetrical to bearing length L.
K ₅	M12 For fixing screws to ISO 4762-8.8 If there is a possibility of settling, the screws should be secured against rotation.
K ₈	NIP6MZ Lubrication nipple Lubrication hole symmetrical to bearing length L.
N ₁	13,5 mm
N ₃	20 mm
N ₄	10 mm Centring for dowel hole

T ₅	35 mm
m	2200 g Mass
	Basic load ratings in main load direction The basic load ratings are only valid for hardened (670+170 HV) and ground shaft raceways.
C _{meix}	15100 N Basic dynamic load rating
C ₀ max	13900 N Basic static load rating



