

## 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 ([https://www.schaeffler.de/content.schaeffler.de/en/news\\_media/index.jsp](https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp)) or by telephone on +49 (91 32) 82 - 28 97.

Fw	50 mm
B	132 mm
L	100 mm
H	105 mm
	8    Number of rows of balls
1)	Main load direction
A5	66 mm    Tolerance: +0,01/-0,01
B1	90 mm
G2	M16
H2	50 mm    Tolerance: +0,008/-0,016
H4	62 mm

H5	10,6 mm	
H6	49 mm	
JB	108 mm	Tolerance: +0,15/-0,15
JL	50 mm	Tolerance: +0,15/-0,15 Dimension JL symmetrical to bearing length L.
K5	M12	for fixing screws to ISO 4762-8.8 If there is a possibility of settling, the screws should be secured against rotation.
K8	NIP6MZ	Lubrication nipple Lubrication hole symmetrical to bearing length L.
N1	13,5 mm	
N3	20 mm	
N4	10 mm	Centring for dowel hole
T5	35 mm	
m	2200 g	Mass
		Basic load ratings in main load direction The basic load ratings are only valid for hardened (670 HV +165 HV) and ground shaft raceways.
C <sub>max</sub>	15100 N	Basic dynamic load rating
C <sub>0 max</sub>	13900 N	Basic static load rating



