

## Linear ball bearing and housing units

### KGSC50-PP-AS (Series KGSC..-PP-AS)

with self-aligning linear ball bearing, open design, 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	127 mm
L	100 mm
H	115 mm
	6    Number of rows of balls
1)	Main load direction
A2	88 mm    Tolerance: +0,15/-0,15
A4	109 mm
A5	38 mm    Tolerance: +0,01/-0,01
B2	22,7 mm    Dimension B2 on diameter Fw
G2	M20

H2	50 mm	Tolerance: +0,008/-0,016
H4	70 mm	
H5	8,6 mm	
H6	78,8 mm	
JL	62 mm	Tolerance: +0,15/-0,15 Dimension JL symmetrical to bearing length L.
K5	M16	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.
L6	80 mm	Dimension L6 symmetrical to bearing length L.
N1	17,5 mm	
N3	26 mm	
N4	12 mm	Centring for dowel hole
T5	36 mm	
$\alpha$	54 °	
m	2900 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.

$C_{max}$	15100 N	Basic dynamic load rating
$C_{0\ max}$	13900 N	Basic static load rating



