

## Linear ball bearings KBO12-PP-AS (Series KBO..-PP-AS)

open design, sealed on all sides, 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 ([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	12 mm	
D	22 mm	
L	32 mm	Tolerance: h12
	4	Number of rows of balls
1)		Main load direction
B2	7,7 mm	Dimension B2 on diameter Fw
BL2	1,3 mm	Slot dimensions suitable for retaining rings to DIN 471.
DN	21 mm	Slot dimensions suitable for retaining rings to DIN 471.
L2	22,6 mm	Tolerance: H13
N2	1,5 mm	
N4	2,2 mm	Hole position symmetrical to bearing width L

T <sub>4</sub>	1,2 mm	
α	78 °	
β	64 °	
m	with initial greasing, sealed on both sides, with relubrication facility	
	0,03 kg	Mass of bearing
C <sub>max</sub>	600 N	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>0 max</sub>	445 N	Basic load ratings in main load direction The basic load ratings are only valid for hardened (670 HV +165 HV) and ground shaft raceways.



