



# Linear ball bearings KBO12-PP

## (Series KBO..-PP)

open design, sealed on all sides; 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 <sub>w</sub>	12 mm	
D	22 mm	
L	32 mm	Tolerance: h12
	4	Number of rows of balls
1)		Main load direction
B <sub>2</sub>	7,7 mm	Dimension B <sub>2</sub> on diameter F <sub>w</sub>
BL <sub>2</sub>	1,3 mm	Slot dimensions suitable for retaining rings to DIN 471.
DN	21 mm	Slot dimensions suitable for retaining rings to DIN 471.
L <sub>2</sub>	22,6 mm	Tolerance: H13
N <sub>4</sub>	2,2 mm	Hole position symmetrical to bearing width L
T <sub>4</sub>	1,2 mm	
α	78 °	
		Supplied with initial greasing (sealed on both sides)
m	0,03 kg	Mass of bearing
C <sub>m</sub> max	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.
C <sub>0</sub> max	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.

