



# Linear ball bearings KBO20-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 (<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>	20 mm
D	32 mm
L	45 mm Tolerance: h12
	5 Number of rows of balls
1)	Main load direction
B <sub>2</sub>	10 mm Dimension B2 on diameter F <sub>w</sub>
BL <sub>2</sub>	1,6 mm Slot dimensions suitable for retaining rings to DIN 471.
DN	30,3 mm Slot dimensions suitable for retaining rings to DIN 471.
L <sub>2</sub>	31,2 mm Tolerance: H13
N <sub>2</sub>	2 mm
N <sub>4</sub>	2,2 mm Hole position symmetrical to bearing width L
T <sub>4</sub>	1,2 mm
α	60 °
β	52 °
	With initial greasing, sealed on both sides, with relubrication facility.
m	0,07 kg Mass of bearing
C <sub>max</sub>	1600 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	1280 N Basic load ratings in main load direction The basic load ratings are only valid for hardened (670+170 HV) and ground shaft raceways.

