



Radial insert ball bearings PE35-XL (Series PE)

cylindrical outer ring, with steel aligning ring, location by eccentric locking collar, P seals on both sides

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) or by telephone on +49 (91 32) 82 - 28 97.

d	35 mm	
D	80 mm	Before splitting, dimension D corresponds to tolerance class PN according to DIN 620-2
U	40 mm	
A	21 mm	
b	1,9 mm	Tolerance: +0,3/0 Annular slot tolerances to DIN 616 (for snap rings to DIN 5417)
B ₁	39 mm	
C ₁	14,4 mm	Tolerance: +0,2/0 Annular slot tolerances to DIN 616 (for snap rings to DIN 5417)
D ₁	76,8 mm	Tolerance: 0/-0,5 Annular slot tolerances to DIN 616 (for snap rings to DIN 5417)

d _{3 max}	55 mm	
S ₁	29,5 mm	
m	0,69 kg	Mass
C _r	27500 N	Basic dynamic load rating, radial
C _{0r}	15300 N	Basic static load rating, radial
f ₀	13,8	Calculation factor
C _{ur}	800 N	Fatigue limit load, radial
	RAE35-XL-NPP-B	Designation of bearing
	6207	Reference bearing for determining the equivalent bearing load.

