

Tapered roller bearings 31309-XL (Series 313)

main dimensions to DIN ISO 355 / DIN 720, separable, adjusted or in pairs

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 selection system (https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp) or by telephone on +49 (91 32) 82 - 28 97.

d	45 mm
D	100 mm
T	27,25 mm
a	32 mm ≈
B	25 mm
C	18 mm
C _{a min}	4 mm
C _{b min}	9 mm
d ₁	74,7 mm ≈
D _{a max}	91 mm
d _{a max}	56 mm

Da min	79 mm	
Db min	95 mm	
db min	54 mm	
r1, 2 min	2 mm	
r3, 4 min	1,5 mm	
ra max	2 mm	
rb max	1,5 mm	
m	0,97 kg	≈ Mass
Cr	114000 N	Basic dynamic load rating, radial
C0r	108000 N	Basic static load rating, radial
e	0,83	
Y	0,73	
Y0	0,4	
Cur	16400 N	Fatigue limit load, radial
nG	7800 1/min	Limiting speed
n9r	4650 1/min	Reference speed
	T7FB045	Comparative designation to DIN ISO 355

