

Tapered roller bearings 31308-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	40 mm
D	90 mm
T	25,25 mm
a	31 mm ≈
B	23 mm
C	17 mm
C _{a min}	4 mm
C _{b min}	8 mm
d ₁	67,7 mm ≈
D _{a max}	81 mm
d _{a max}	51 mm

Da min	71 mm	
Db min	86 mm	
db min	49 mm	
r1, 2 min	2 mm	
r3, 4 min	1,5 mm	
ra max	2 mm	
rb max	1,5 mm	
m	0,727 kg	≈ Mass
Cr	89000 N	Basic dynamic load rating, radial
C0r	83000 N	Basic static load rating, radial
e	0,83	
Y	0,73	
Y0	0,4	
Cur	12400 N	Fatigue limit load, radial
nG	8700 1/min	Limiting speed
n9r	5100 1/min	Reference speed
	T7FB040	Comparative designation to DIN ISO 355

