

Tapered roller bearings 31306-A (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	30 mm
D	72 mm
T	20,75 mm
a	24 mm ≈
B	19 mm
C	14 mm
C _{a min}	3 mm
C _{b min}	6,5 mm
d ₁	54 mm ≈
D _{a max}	65 mm
d _{a max}	40 mm
D _{a min}	55 mm

Db min	68 mm	
db min	37 mm	
r1, 2 min	1,5 mm	
r3, 4 min	1,5 mm	
ra max	1,5 mm	
rb max	1,5 mm	
m	0,441 kg	≈ Mass
Cr	45000 N	Basic dynamic load rating, radial
C0r	46500 N	Basic static load rating, radial
e	0,83	
Y	0,73	
Y0	0,4	
Cur	5400 N	Fatigue limit load, radial
nG	10300 1/min	Limiting speed
n9r	6400 1/min	Reference speed
	T7FB030	Comparative designation to DIN ISO 355

