

Tapered roller bearings 31305-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	25 mm
D	62 mm
T	18,25 mm
a	21 mm ≈
B	17 mm
C	13 mm
Ca min	3 mm
Cb min	5 mm
d1	46,3 mm ≈
Da max	55 mm
da max	34 mm
Da min	47 mm

Db min	59 mm	
db min	32 mm	
r1, 2 min	1,5 mm	
r3, 4 min	1,5 mm	
ra max	1,5 mm	
rb max	1,5 mm	
m	0,297 kg	≈ Mass
Cr	37000 N	Basic dynamic load rating, radial
C0r	38500 N	Basic static load rating, radial
e	0,83	
Y	0,73	
Y0	0,4	
Cur	4500 N	Fatigue limit load, radial
nG	12000 1/min	Limiting speed
n9r	7100 1/min	Reference speed
	T7FB025	Comparative designation to DIN ISO 355

