182.72.104.66303Kegelrollenlager

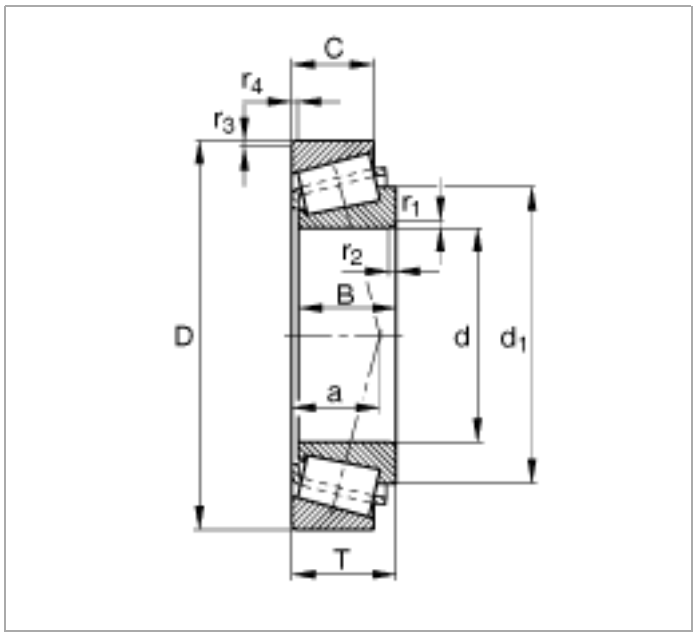
Tapered roller bearings 30307-A (Series 303)

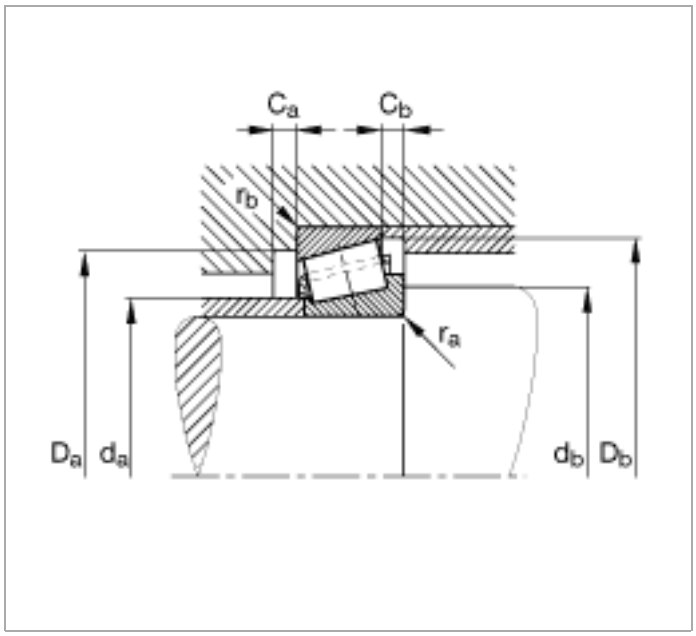
main dimensions to DIN ISO 355 / DIN 720, separable, adjusted or in pairs

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	35	mm	
D	80	mm	
T	22,75	mm	
a	16	mm	≈
B	21	mm	
C	18	mm	
$C_{a\ min}$	3	mm	
$C_{b\ min}$	4,5	mm	
d_1	55,2	mm	≈
$D_{a\ max}$	71	mm	
$d_{a\ max}$	45	mm	
$D_{a\ min}$	70	mm	
$D_{b\ min}$	74	mm	
$d_{b\ min}$	44	mm	
$r_{1,2\ min}$	2	mm	
$r_{3,4}$	1,5	mm	

$r_{a\ min}$	2	mm	
$r_{b\ max}$	1,5	mm	
m	0,525	kg	≈ Mass
C_r	73000	N	Basic dynamic load rating, radial
C_{0r}	75000	N	Basic static load rating, radial
e	0,32		
Y	1,9		
Y_0	1,05		
C_{ur}	8600	N	Fatigue limit load, radial
n_G	9700	1/min	Limiting speed
n_B	6500	1/min	Reference speed
	T2FB035		Comparative designation to DIN ISO 355




Ca
Cb
rb
ra
Da
da
db
Db