



Tapered roller bearings T7FC080 (Series T)

main dimensions to DIN ISO 355, 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 (<http://www.fag.de/content.fag.de/en/mediathek/library/library.jsp>) or by telephone on +49 (91 32) 82 - 28 97.

d	80 mm
D	160 mm
T	45 mm
a	54 mm ≈
B	41 mm
C	31 mm
Ca	7 mm
min	
Cb	14 mm
min	
d1	123,6 mm ≈
Da	146 mm
max	
da	93 mm
max	
Da	121 mm
min	
Db	152 mm
min	
db	103 mm
min	
r1, 2	3 mm
min	
r3, 4	3 mm
min	

$r_{a\max}$	3 mm
$r_{b\max}$	3 mm
m	4,05 kg $\approx$ Mass
C_r	270000 N Basic dynamic load rating, radial
C_{0r}	315000 N Basic static load rating, radial
e	0,87
Y	0,69
Y_0	0,38
C_{ur}	44000 N Fatigue limit load, radial
n_G	4200 1/min Limiting speed
n_B	3700 1/min Reference speed



