



Tapered roller bearings T7FC085 (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	85 mm
D	170 mm
T	48 mm
a	55 mm ≈
B	45 mm
C	33 mm
Ca	7 mm
min	
Cb	15 mm
min	
d ₁	131,1 mm ≈
D _a	153 mm
max	
d _a	100 mm
max	
D _a	131 mm
min	
D _b	161 mm
min	
d _b	110 mm
min	
r _{1,2}	4 mm
min	
r _{3,4}	4 mm
min	

$r_{a\max}$	4 mm
$r_{b\max}$	4 mm
m	4,83 kg $\approx$ Mass
C_r	310000 N Basic dynamic load rating, radial
C_{0r}	365000 N Basic static load rating, radial
e	0,8
Y	0,75
Y_0	0,41
C_{ur}	54000 N Fatigue limit load, radial
n_G	3950 1/min Limiting speed
n_B	3500 1/min Reference speed



