

T7FC085 FAG Cr 310000 N 85x170x48mm Tapered roller bearings

Bearing number	T7FC085
Size (mm)	85x170x48
Brand	FAG
Bore Diameter (mm)	85
Outer Diameter (mm)	170
Width (mm)	48
d	85 mm
D	170 mm
T	48 mm
a	55 mm
B	45 mm
C	33 mm
$C_{a \min}$	7 mm
$C_{b \min}$	15 mm
$D_{a \max}$	153 mm
$D_{a \min}$	131 mm
$D_{b \min}$	161 mm
d_1	131.1 mm
$d_{a \max}$	100 mm
$d_{b \min}$	110 mm
$r_{1, 2 \min}$	4 mm
$r_{3, 4 \min}$	4 mm

$r_{a \max}$	4 mm
$r_{b \max}$	4 mm
m	4.83 kg / Weight
C_r	310000 N
C_{0r}	365000 N / 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