

T7FC045 FAG 45x95x29mm Cur 15100 N / Fatigue limit load. radial Tapered roller bearings

Bearing number	T7FC045
Size (mm)	45x95x29
Brand	FAG
Bore Diameter (mm)	45
Outer Diameter (mm)	95
Width (mm)	29
d	45 mm
D	95 mm
T	29 mm
a	33 mm
B	26.5 mm
C	20 mm
$C_{a \min}$	5 mm
$C_{b \min}$	9 mm
$D_{a \max}$	83 mm
$D_{a \min}$	71 mm
$D_{b \min}$	91 mm
d_1	73.6 mm
$d_{a \max}$	53 mm
$d_{b \min}$	59 mm
$r_{1, 2 \min}$	2.5 mm

$r_{3, 4 \text{ min}}$	2.5 mm
$r_{a \text{ max}}$	2.5 mm
$r_{b \text{ max}}$	2.5 mm
m	0.94 kg / Weight
C_r	105000 N
C_{0r}	109000 N / Static load rating (radial)
e	0.87
Y	0.69
Y_0	0.38
C_{ur}	15100 N / Fatigue limit load. radial
n_G	7300 1/min / Limiting speed
n_B	5900 1/min / Reference speed