



RAD Power Machinery Co., Ltd.



FAG T7FC095 tapered roller bearings

Bearing No. T7FC095

Size	95x180x49 mm
Bore Diameter	95 mm
Outer Diameter	180 mm
Width	49 mm
d	95 mm
D	180 mm
T	49 mm
a	61 mm
B	45 mm
C	33 mm
$C_{a \text{ min}}$	7 mm
$C_{b \text{ min}}$	16 mm
$D_{a \text{ max}}$	164 mm
$D_{a \text{ min}}$	138 mm
$D_{b \text{ min}}$	172 mm
d_1	141,5 mm
$d_{a \text{ max}}$	108 mm
$d_{b \text{ min}}$	119 mm
$r_{1, 2 \text{ min}}$	4 mm
$r_{3, 4 \text{ min}}$	4 mm
$r_{a \text{ max}}$	4 mm
$r_{b \text{ max}}$	4 mm
m	5,23 kg / Weight
C_r	325000 N

T7FC095 Bearing 2D drawings and 3D CAD models



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C_{0r}	400000 N / Static load rating (radial)
e	0,87
Y	0,69
Y_0	0,38
C_{ur}	54000 N / Fatigue limit load, radial
n_G	3650 1/min / Limiting speed
n_B	3250 1/min / Reference speed