

# T7FC080 FAG r1, 2 min 3 mm 80x160x45mm Tapered roller bearings

Bearing number	T7FC080
Size (mm)	80x160x45
Brand	FAG
Bore Diameter (mm)	80
Outer Diameter (mm)	160
Width (mm)	45
d	80 mm
D	160 mm
T	45 mm
a	54 mm
B	41 mm
C	31 mm
$C_{a \min}$	7 mm
$C_{b \min}$	14 mm
$D_{a \max}$	146 mm
$D_{a \min}$	121 mm
$D_{b \min}$	152 mm
$d_1$	123.6 mm
$d_{a \max}$	93 mm
$d_{b \min}$	103 mm
$r_{1, 2 \min}$	3 mm
$r_{3, 4 \min}$	3 mm

$r_{a \max}$	3 mm
$r_{b \max}$	3 mm
$m$	4.05 kg / Weight
$C_r$	270000 N
$C_{0r}$	315000 N / 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