

# T7FC070 FAG ra max 3 mm 70x140x39mm Tapered roller bearings

Bearing number	T7FC070
Size (mm)	70x140x39
Brand	FAG
Bore Diameter (mm)	70
Outer Diameter (mm)	140
Width (mm)	39
d	70 mm
D	140 mm
T	39 mm
a	47 mm
B	35.5 mm
C	27 mm
$C_{a \min}$	6 mm
$C_{b \min}$	12 mm
$D_{a \max}$	126 mm
$D_{a \min}$	106 mm
$D_{b \min}$	133 mm
$d_1$	108.6 mm
$d_{a \max}$	81 mm
$d_{b \min}$	90 mm
$r_{1, 2 \min}$	3 mm
$r_{3, 4 \min}$	3 mm

$r_{a \max}$	3 mm
$r_{b \max}$	3 mm
$m$	2.68 kg / Weight
$C_r$	208000 N
$C_{0r}$	237000 N / Static load rating (radial)
$e$	0.87
$Y$	0.69
$Y_0$	0.38
$C_{ur}$	36500 N / Fatigue limit load. radial
$n_G$	4800 1/min / Limiting speed
$n_B$	4100 1/min / Reference speed