

# T7FC075 FAG 75x150x42mm B 38 mm Tapered roller bearings

Bearing number	T7FC075
Size (mm)	75x150x42
Brand	FAG
Bore Diameter (mm)	75
Outer Diameter (mm)	150
Width (mm)	42
d	75 mm
D	150 mm
T	42 mm
a	51 mm
B	38 mm
C	29 mm
$C_{a \min}$	6 mm
$C_{b \min}$	13 mm
$D_{a \max}$	136 mm
$D_{a \min}$	114 mm
$D_{b \min}$	143 mm
$d_1$	116.2 mm
$d_{a \max}$	87 mm
$d_{b \min}$	96 mm
$r_{1, 2 \min}$	3 mm
$r_{3, 4 \min}$	3 mm
$r_{a \max}$	3 mm

$r_{b \max}$	3 mm
m	3.27 kg / Weight
$C_r$	238000 N
$C_{0r}$	275000 N / Static load rating (radial)
e	0.87
$\gamma$	0.69
$\gamma_0$	0.38
$C_{ur}$	41500 N / Fatigue limit load. radial
$n_G$	4500 1/min / Limiting speed
$n_B$	3850 1/min / Reference speed