

# T7FC050 FAG 50x105x32mm Y 0.69 Tapered roller bearings

Bearing number	T7FC050
Size (mm)	50x105x32
Brand	FAG
Bore Diameter (mm)	50
Outer Diameter (mm)	105
Width (mm)	32
d	50 mm
D	105 mm
T	32 mm
a	36 mm
B	29 mm
C	22 mm
$C_{a \min}$	5 mm
$C_{b \min}$	10 mm
$D_{a \max}$	91 mm
$D_{a \min}$	78 mm
$D_{b \min}$	100 mm
$d_1$	80.9 mm
$d_{a \max}$	59 mm
$d_{b \min}$	65 mm
$r_{1, 2 \min}$	3 mm
$r_{3, 4 \min}$	3 mm
$r_{a \max}$	3 mm

$r_{b \max}$	3 mm
m	1.24 kg / Weight
$C_r$	127000 N
$C_{0r}$	135000 N / Static load rating (radial)
e	0.87
Y	0.69
$Y_0$	0.38
$C_{ur}$	20400 N / Fatigue limit load. radial
$n_G$	6600 1/min / Limiting speed
$n_B$	5500 1/min / Reference speed