

T2ED050 FAG Y 1.75 50x100x36mm Tapered roller bearings

Bearing number	T2ED050
Size (mm)	50x100x36
Brand	FAG
Bore Diameter (mm)	50
Outer Diameter (mm)	100
Width (mm)	36
d	50 mm
D	100 mm
T	36 mm
a	24.8 mm
B	35 mm
C	30 mm
$C_{a \min}$	6 mm
$C_{b \min}$	6 mm
$D_{a \min}$	84 mm
$D_{b \min}$	94 mm
d_1	73.9 mm
$d_{a \max}$	59 mm
$d_{b \min}$	61 mm
$r_{1, 2 \min}$	2.5 mm
$r_{3, 4 \min}$	2.5 mm
$r_{a \max}$	2.5 mm

$r_{b \max}$	2.5 mm
m	1.33 kg / Weight
C_r	150000 N / Dynamic load rating (radial)
C_{0r}	188000 N
e	0.34
γ	1.75
γ_0	0.96
C_{ur}	23400 N / Fatigue limit load. radial
n_G	7200 1/min / Limiting speed
n_B	4650 1/min / Reference speed