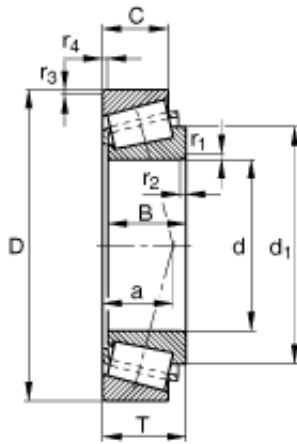




# ROULEMENTS?BEARINGS?Limited



## FAG 33010 tapered roller bearings

Bearing No. 33010

Size	50x80x24 mm
Bore Diameter	50 mm
Outer Diameter	80 mm
Width	24 mm
d	50 mm
D	80 mm
T	24 mm
a	17 mm
B	24 mm
C	19 mm
$C_{a \text{ min}}$	4 mm
$C_{b \text{ min}}$	5 mm
$D_{a \text{ max}}$	74 mm
$D_{a \text{ min}}$	72 mm
$D_{b \text{ min}}$	76 mm
$d_1$	65,8 mm
$d_{a \text{ max}}$	56 mm
$d_{b \text{ min}}$	56 mm
$r_{1, 2 \text{ min}}$	1 mm
$r_{3, 4 \text{ min}}$	1 mm
$r_{a \text{ max}}$	1 mm
$r_{b \text{ max}}$	1 mm
m	0,47 kg / Weight
$C_r$	75000 N

33010 Bearing 2D drawings and 3D CAD models



## ROULEMENTS?BEARINGS?Limited

$C_{0r}$	113000 N / Static load rating (radial)
e	0,32
Y	1,9
$Y_0$	1,04
$C_{ur}$	13900 N / Fatigue limit load, radial
$n_G$	8700 1/min / Limiting speed
$n_B$	5400 1/min / Reference speed