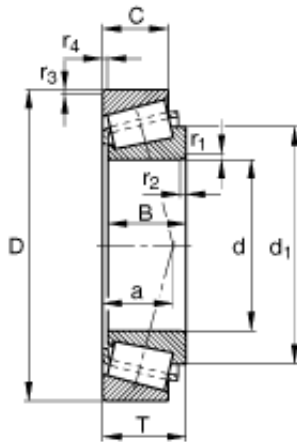




BEARING-THAILAND CO.,LTD.



140 mm x 210 mm x 45 mm FAG 320/28-X Tapered Roller Bearing Assemblies

Bearing No. 320/28-X

Size	28x52x16 mm
Bore Diameter	28 mm
Outer Diameter	52 mm
Width	16 mm
d	28 mm
D	52 mm
T	16 mm
a	13 mm
B	16 mm
C	12 mm
$C_{a \text{ min}}$	3 mm
$C_{b \text{ min}}$	4 mm
$D_{a \text{ max}}$	46 mm
$D_{a \text{ min}}$	45 mm
$D_{b \text{ min}}$	49 mm
d_1	41 mm
$d_{a \text{ max}}$	33 mm
$d_{b \text{ min}}$	34 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	0,164 kg / Weight
C	34000 N

320/28-X Bearing 2D drawings and 3D CAD models



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r	
C_{0r}	40500 N / Static load rating (radial)
e	0,43
Y	1,39
Y_0	0,77
C_{ur}	4550 N / Fatigue limit load, radial
n_G	14200 1/min / Limiting speed
n_B	8300 1/min / Reference speed
Size	140x210x45 mm
Bore Diameter	140 mm
Outer Diameter	210 mm
Width	45 mm
d	140 mm
D	210 mm
T	45 mm
a	46 mm
B	45 mm
C	34 mm
$C_{a \min}$	8 mm
$C_{b \min}$	11 mm
$D_{a \max}$	200 mm
$D_{a \min}$	187 mm
$D_{b \min}$	202 mm
d_1	175,8 mm
$d_{a \max}$	153 mm
$d_{b \min}$	150 mm
$r_{1,2 \min}$	2,5 mm
$r_{3,4 \min}$	2 mm



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$r_{a \max}$	2,5 mm
$r_{b \max}$	2 mm
m	5,34 kg / Weight
C_r	340000 N
C_{0r}	590000 N / Static load rating (radial)
e	0,46
Y	1,31
Y_0	0,72
C_{ur}	65000 N / Fatigue limit load, radial
n_G	3150 1/min / Limiting speed
n_B	2170 1/min / Reference speed