



BEARING-THAILAND CO.,LTD.



160 mm x 240 mm x 51 mm FAG 320/32-X Tapered Roller Bearing Assemblies

Bearing No. 320/32-X

Size	32x58x17 mm
Bore Diameter	32 mm
Outer Diameter	58 mm
Width	17 mm
d	32 mm
D	58 mm
T	17 mm
a	14 mm
B	17 mm
C	13 mm
$C_{a \text{ min}}$	3 mm
$C_{b \text{ min}}$	4 mm
$D_{a \text{ max}}$	52 mm
$D_{a \text{ min}}$	50 mm
$D_{b \text{ min}}$	55 mm
d_1	46,5 mm
$d_{a \text{ max}}$	38 mm
$d_{b \text{ min}}$	38 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	0,197 kg / Weight
C	39000 N

320/32-X Bearing 2D drawings and 3D CAD models



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r	
C_{0r}	48500 N / Static load rating (radial)
e	0,45
Y	1,32
Y_0	0,73
C_{ur}	5600 N / Fatigue limit load, radial
n_G	12600 1/min / Limiting speed
n_B	7500 1/min / Reference speed
Size	160x240x51 mm
Bore Diameter	160 mm
Outer Diameter	240 mm
Width	51 mm
d	160 mm
D	240 mm
T	51 mm
a	53 mm
B	51 mm
C	38 mm
$C_{a \min}$	8 mm
$C_{b \min}$	13 mm
$D_{a \max}$	228 mm
$D_{a \min}$	213 mm
$D_{b \min}$	231 mm
d_1	201 mm
$d_{a \max}$	175 mm
$d_{b \min}$	172 mm
$r_{1,2 \min}$	3 mm
$r_{3,4 \min}$	2,5 mm



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$r_{a \max}$	3 mm
$r_{b \max}$	2,5 mm
m	7,81 kg / Weight
C_r	420000 N
C_{0r}	740000 N / Static load rating (radial)
e	0,46
Y	1,31
Y_0	0,72
C_{ur}	90000 N / Fatigue limit load, radial
n_G	2700 1/min / Limiting speed
n_B	1850 1/min / Reference speed