



NTN BEARING USA CORP.



110 mm x 240 mm x 57 mm FAG 31322-X Tapered Roller Bearing Assemblies

Bearing No. 31322-X

Size	110x240x63 mm
Bore Diameter	110 mm
Outer Diameter	240 mm
Width	63 mm
d	110 mm
D	240 mm
T	63 mm
a	75 mm
B	57 mm
C	38 mm
$C_{a \text{ min}}$	7 mm
$C_{b \text{ min}}$	25 mm
$D_{a \text{ max}}$	226 mm
$D_{a \text{ min}}$	188 mm
$D_{b \text{ min}}$	224 mm
d_1	178 mm
$d_{a \text{ max}}$	135 mm
$d_{b \text{ min}}$	124 mm
$r_{1,2 \text{ min}}$	4 mm
$r_{3,4 \text{ min}}$	3 mm
$r_{a \text{ max}}$	4 mm
$r_{b \text{ max}}$	3 mm
m	12,3 kg / Weight
C	465000 N

31322-X Bearing 2D drawings and 3D CAD models



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r	
C_{0r}	590000 N / Static load rating (radial)
e	0,83
Y	0,73
Y_0	0,4
C_{ur}	71000 N / Fatigue limit load, radial
n_G	2850 1/min / Limiting speed
n_B	2240 1/min / Reference speed