



BEARING DRIVESHAFT, INC.



120 mm x 180 mm x 48 mm FAG 33024 Tapered Roller Bearing Assemblies

Bearing No. 33024

Size	120x180x48 mm
Bore Diameter	120 mm
Outer Diameter	180 mm
Width	48 mm
d	120 mm
D	180 mm
T	48 mm
a	36 mm
B	48 mm
C	38 mm
$C_{a \text{ min}}$	6 mm
$C_{b \text{ min}}$	10 mm
$D_{a \text{ max}}$	170 mm
$D_{a \text{ min}}$	160 mm
$D_{b \text{ min}}$	171 mm
d_1	148,5 mm
$d_{a \text{ max}}$	132 mm
$d_{b \text{ min}}$	130 mm
$r_{1,2 \text{ min}}$	2,5 mm
$r_{3,4 \text{ min}}$	2 mm
$r_{a \text{ max}}$	2,5 mm
$r_{b \text{ max}}$	2 mm
m	4,55 kg / Weight
C	310000 N

33024 Bearing 2D drawings and 3D CAD models



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r	
C_{0r}	560000 N / Static load rating (radial)
e	0,31
Y	1,97
Y_0	1,08
C_{ur}	65000 N / Fatigue limit load, radial
n_G	3700 1/min / Limiting speed
n_B	2600 1/min / Reference speed