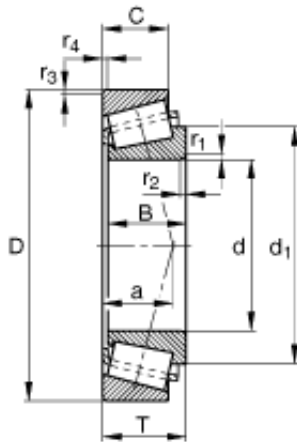




BEARING DRIVESHAFT, INC.



55 mm x 120 mm x 29 mm FAG 31311-A Tapered Roller Bearing Assemblies

Bearing No. 31311-A

Size	55x120x31.5 mm
Bore Diameter	55 mm
Outer Diameter	120 mm
Width	31,5 mm
d	55 mm
D	120 mm
T	31,5 mm
a	39 mm
B	29 mm
C	21 mm
$C_{a \text{ min}}$	4 mm
$C_{b \text{ min}}$	10,5 mm
$D_{a \text{ max}}$	110 mm
$D_{a \text{ min}}$	94 mm
$D_{b \text{ min}}$	113 mm
d_1	88 mm
$d_{a \text{ max}}$	68 mm
$d_{b \text{ min}}$	65 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	1,57 kg / Weight
C	123000 N

31311-A Bearing 2D drawings and 3D CAD models



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r	
C_{0r}	139000 N / Static load rating (radial)
e	0,83
Y	0,73
Y_0	0,4
C_{ur}	16400 N / Fatigue limit load, radial
n_G	5900 1/min / Limiting speed
n_B	4100 1/min / Reference speed