



Timken BEARINGS ITALIA S.P.A.



30 mm x 72 mm x 19 mm FAG 31306-A Tapered Roller Bearing Assemblies

Bearing No. 31306-A

Size	30x72x20.75 mm
Bore Diameter	30 mm
Outer Diameter	72 mm
Width	20,75 mm
d	30 mm
D	72 mm
T	20,75 mm
a	24 mm
B	19 mm
C	14 mm
$C_{a \text{ min}}$	3 mm
$C_{b \text{ min}}$	6,5 mm
$D_{a \text{ max}}$	65 mm
$D_{a \text{ min}}$	55 mm
$D_{b \text{ min}}$	68 mm
d_1	54 mm
$d_{a \text{ max}}$	40 mm
$d_{b \text{ min}}$	37 mm
$r_{1,2 \text{ min}}$	1,5 mm
$r_{3,4 \text{ min}}$	1,5 mm
$r_{a \text{ max}}$	1,5 mm
$r_{b \text{ max}}$	1,5 mm
m	0,441 kg / Weight
C	45000 N

31306-A Bearing 2D drawings and 3D CAD models



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r	
C_{0r}	46500 N / Static load rating (radial)
e	0,83
Y	0,73
Y_0	0,4
C_{ur}	5300 N / Fatigue limit load, radial
n_G	10300 1/min / Limiting speed
n_B	6500 1/min / Reference speed