



# AMERICAN BEARING MFG.CORP.



300 mm x 420 mm x 76 mm SKF 32960  
Tapered roller bearings, single row

Bearing No. 32960

32960 Bearing 2D drawings and 3D CAD models

Size	420x300x76 mm
Bore Diameter	420 mm
Outer Diameter	300 mm
Width	76 mm
d	300 mm
D	420 mm
T	76 mm
d <sub>1</sub>	359 mm
B	76 mm
C	57 mm
r <sub>1,2</sub> - min.	4 mm
r <sub>3,4</sub> - min.	3 mm
a	79 mm
d <sub>a</sub> - max.	324 mm
d <sub>b</sub> - min.	314 mm
D <sub>a</sub> - min.	383 mm
D <sub>a</sub> - max.	406 mm
D <sub>b</sub> - min.	405 mm
C <sub>a</sub> - min.	12 mm
C <sub>b</sub> - min.	19 mm
r <sub>a</sub> - max.	4 mm
r <sub>b</sub> - max.	3 mm
Basic dynamic load rating - C	1050 kN
Basic static load rating - C <sub>0</sub>	2240 kN



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Fatigue load limit - $P_u$	190 kN
Reference speed	950 r/min
Limiting speed	1400 r/min
Calculation factor - e	0.4
Calculation factor - Y	1.5
Calculation factor - $Y_0$	0.8
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	37.191
Product Group	B04334
bore diameter:	300 mm
dynamic load capacity:	1050 kN
cup width:	57 mm
static load capacity:	2240 kN
assembly type:	Cone & Cup
finish/coating:	Uncoated
outside diameter:	420 mm
maximum rpm:	1400 RPM
cone width:	76 mm
series:	329
closure type:	Open
flange type:	Non-Flanged Cup
operating temperature range:	Maximum of +300 ° F
Dimension series	3FD
$d_1$	359 mm
$r_{1,2}$ min.	4 mm
$r_{3,4}$ min.	3 mm
$d_a$ max.	325 mm
$d_b$ min.	319 mm



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$D_a$ min.	383 mm
$D_a$ max.	404 mm
$D_b$ min.	405 mm
$C_a$ min.	13 mm
$C_b$ min.	19 mm
$r_a$ max.	4 mm
$r_b$ max.	3 mm
Basic dynamic load rating C	1126 kN
Basic static load rating $C_0$	2240 kN
Fatigue load limit $P_u$	186 kN
Calculation factor e	0.4
Calculation factor Y	1.5
Calculation factor $Y_0$	0.8
Mass bearing	31.7 kg