



IFB Roller Industry Co.,Ltd



32036 X Bearing 2D drawings and 3D CAD models

SKF 32036 X tapered roller bearings

Bearing No. 32036 X

Size	280x180x64 mm
Bore Diameter	280 mm
Outer Diameter	180 mm
Width	64 mm
d	180 mm
D	280 mm
T	64 mm
d ₁	230.2 mm
B	64 mm
C	48 mm
r _{1,2} - min.	3 mm
r _{3,4} - min.	2.5 mm
a	59 mm
d _a - max.	199 mm
d _b - min.	192 mm
D _a - min.	247 mm
D _a - max.	268 mm
D _b - min.	267 mm
C _a - min.	10 mm
C _b - min.	16 mm
r _a - max.	3 mm
r _b - max.	2.5 mm
Basic dynamic load rating - C	644 kN
Basic static load rating - C ₀	1160 kN
Fatigue load limit - P _u	110 kN



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Reference speed	1600 r/min
Limiting speed	2200 r/min
Calculation factor - e	0.43
Calculation factor - Y	1.4
Calculation factor - Y_0	0.8
Category	Roller Bearings
Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	14.325
Product Group	B04334
bore diameter:	180 mm
operating temperature range:	Maximum of +300 ° F
cup width:	48 mm
dynamic load capacity:	644 kN
assembly type:	Cone & Cup
static load capacity:	1160 kN
outside diameter:	280 mm
finish/coating:	Uncoated
cone width:	64 mm
maximum rpm:	2200 RPM
closure type:	Open
series:	320
cage material:	Steel
flange type:	Non-Flanged Cup
Dimension series	3FD
d_1	230.2 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	2.5 mm
d_a max.	200 mm
d_b min.	195.5 mm



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D_a min.	247 mm
D_a max.	267 mm
D_b min.	267 mm
C_a min.	10 mm
C_b min.	16 mm
r_a max.	3 mm
r_b max.	2.5 mm
Basic dynamic load rating C	793 kN
Basic static load rating C_0	1160 kN
Fatigue load limit P_u	110 kN
Calculation factor e	0.43
Calculation factor Y	1.4
Calculation factor Y_0	0.8
Mass bearing	14.2 kg