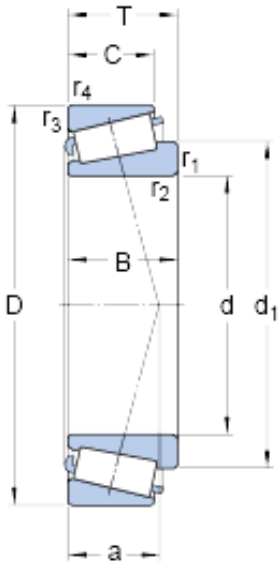




Bearing company



100 mm x 180 mm x 63 mm skf 33220 bearing

Bearing No. 33220

Size	180x100x63 mm
Bore Diameter	180 mm
Outer Diameter	100 mm
Width	63 mm
d	100 mm
D	180 mm
T	63 mm
d ₁	139.98 mm
B	63 mm
C	48 mm
r _{1,2} - min.	3 mm
r _{3,4} - min.	2.5 mm
a	45 mm
d _a - max.	112 mm
d _b - min.	112 mm
D _a - min.	151 mm
D _a - max.	168 mm
D _b - min.	172 mm
C _a - min.	10 mm
C _b - min.	15 mm
r _a - max.	3 mm
r _b - max.	2.5 mm
Basic dynamic load rating - C	429 kN
Basic static load rating - C ₀	655 kN
Fatigue load limit - P _u	71 kN

33220 Bearing 2D drawings and 3D CAD models



Bearing company

Reference speed	2400 r/min
Limiting speed	3600 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	6.883
EAN	7316577662828
Product Group	B04334
bore diameter:	100 mm
operating temperature range:	Maximum of +250 ° F
cup width:	48 mm
dynamic load capacity:	429 kN
assembly type:	Cone & Cup
static load capacity:	655 kN
outside diameter:	180 mm
finish/coating:	Uncoated
cone width:	63 mm
maximum rpm:	3600 RPM
closure type:	Open
series:	332
cage material:	Steel
flange type:	Non-Flanged Cup
Dimension series	3FE
d_1	139.98 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	2.5 mm
d_a max.	112 mm



Bearing company

d_b min.	113.5 mm
D_a min.	151 mm
D_a max.	168.5 mm
D_b min.	172 mm
C_a min.	10 mm
C_b min.	15 mm
Basic dynamic load rating C	532 kN
Basic static load rating C_0	655 kN
Fatigue load limit P_u	71 kN
Calculation factor e	0.4
Calculation factor Y	1.5
Calculation factor Y_0	0.8
Mass bearing	6.73 kg