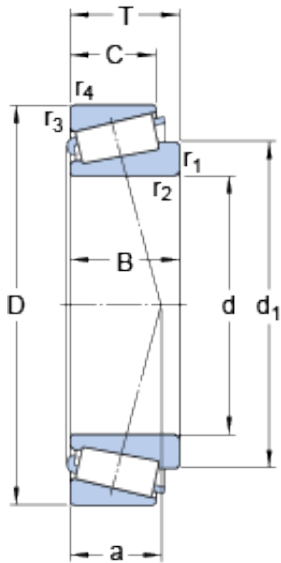




MianKang Bearing Co., Ltd.



33220 Bearing 2D drawings and 3D CAD models

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



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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
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
d_b min.	113.5 mm



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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