



Bearing No. 33220

T	63 mm
a	45 mm
C	48 mm
B	63 mm
d	100 mm
D	180 mm
series:	332
Category	Roller Bearings
Size (mm)	180x100x63
Inventory	0.0
Width (mm)	63
cup width:	48 mm
cone width:	63 mm
flange type:	Non-Flanged Cup
maximum rpm:	3600 RPM
Mass bearing	6.73 kg
d ₁	139.98 mm
closure type:	Open
Product Group	B04334
cage material:	Steel
Limiting speed	3600 r/min
assembly type:	Cone & Cup
bore diameter:	100 mm
Bearing number	33220
finish/coating:	Uncoated
Reference speed	2400 r/min
Dimension series	3FE
outside diameter:	180 mm
Manufacturer Name	SKF
Weight / Kilogram	6.883

Bore Diameter (mm)	180
d_a max.	112 mm
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
Outer Diameter (mm)	100
$r_{3,4}$ min.	2.5 mm
$r_{1,2}$ min.	3 mm
Calculation factor e	0.4
Calculation factor Y	1.5
Minimum Buy Quantity	N/A
d_a - max.	112 mm
d_b - min.	112 mm
D_a - max.	168 mm
r_b - max.	2.5 mm
r_a - max.	3 mm
C_a - min.	10 mm
D_b - min.	172 mm
C_b - min.	15 mm
D_a - min.	151 mm
d_1 ?	139.98 mm
static load capacity:	655 kN
Calculation factor - e	0.4
$r_{1,2}$ - min.	3 mm
$r_{3,4}$ - min.	2.5 mm
dynamic load capacity:	429 kN
Calculation factor - Y	1.5
Basic dynamic load rating C	532 kN
operating temperature	Maximum of +250 °F

range:	
Basic dynamic load rating - C	429 kN
Calculation factor Y_0	0.8
Fatigue load limit P_u	71 kN
Calculation factor - Y_0	0.8
Fatigue load limit - P_u	71 kN
Basic static load rating C_0	655 kN
Basic static load rating - C_0	655 kN