



Bearing No. 33022

a	33.585 mm
d	110 mm
D	170 mm
T	47 mm
B	47 mm
C	37 mm
series:	330
Category	Roller Bearings
Inventory	0.0
Size (mm)	170x110x47
Width (mm)	47
cup width:	37 mm
cone width:	47 mm
Mass bearing	3.83 kg
maximum rpm:	3600 RPM
flange type:	Non-Flanged Cup
closure type:	Open
Product Group	B04334
d ₁	139.3 mm
Bearing number	33022
assembly type:	Cone & Cup
cage material:	Steel
bore diameter:	110 mm
Limiting speed	3600 r/min
Reference speed	2600 r/min
finish/coating:	Uncoated
Dimension series	2DE
Weight / Kilogram	3.828
Manufacturer Name	SKF
outside diameter:	170 mm

Bore Diameter (mm)	170
r_b max.	2 mm
C_b min.	10 mm
C_a min.	7 mm
d_a max.	123 mm
r_a max.	2.5 mm
D_a min.	152 mm
D_a max.	159.5 mm
D_b min.	161 mm
d_b min.	122.5 mm
Outer Diameter (mm)	110
$r_{3,4}$ min.	2 mm
$r_{1,2}$ min.	2.5 mm
Calculation factor e	0.28
Calculation factor Y	2.1
D_b - min.	161 mm
C_a - min.	7 mm
C_b - min.	10 mm
r_a - max.	2.5 mm
d_a - max.	123 mm
r_b - max.	2 mm
d_b - min.	120 mm
Minimum Buy Quantity	N/A
D_a - min.	152 mm
D_a - max.	160 mm
static load capacity:	500 kN
d_1 ?	139.3 mm
$r_{1,2}$ - min.	2.5 mm
Calculation factor - e	0.28
Calculation factor - Y	2.1
dynamic load capacity:	281 kN
abma precision rating:	Class 3

$r_{3,4}$ - min.	2 mm
Basic dynamic load rating C	343 kN
operating temperature range:	Maximum of +250 °F
Basic dynamic load rating - C	281 kN
Fatigue load limit P_u	53 kN
Calculation factor Y_0	1.1
Calculation factor - Y_0	1.1
Fatigue load limit - P_u	53 kN
Basic static load rating C_0	500 kN
Basic static load rating - C_0	500 kN