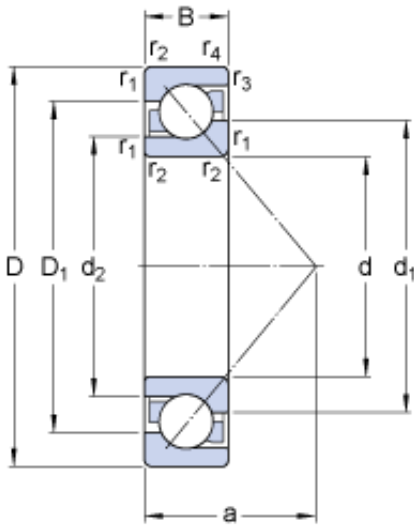




NTNY BEARING LTD



90 mm x 190 mm x 43 mm skf 7318 becbm bearing

Bearing No. 7318 becbm

7318 becbm Bearing 2D drawings and 3D CAD models

Size	190x90x43 mm
Bore Diameter	190 mm
Outer Diameter	90 mm
Width	43 mm
d	90 mm
D	190 mm
B	43 mm
d ₁	129.2 mm
d ₂	108.97 mm
D ₁	153.1 mm
a	80 mm
r _{1,2} - min.	3 mm
r _{3,4} - min.	1.1 mm
d _a - min.	104 mm
D _a - max.	176 mm
D _b - max.	183 mm
r _a - max.	2.5 mm
r _b - max.	1 mm
Basic dynamic load rating - C	166 kN
Basic static load rating - C ₀	146 kN
Fatigue load limit - P _u	5.3 kN
Reference speed	4500 r/min
Limiting speed	4500 r/min
Calculation factor - k _r	0.1



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Calculation factor - k_a	1.6
Calculation factor - e	1.14
Calculation factor - X	0.57
Calculation factor - Y_0	0.52
Calculation factor - Y_1	0.55
Calculation factor - Y_2	0.93
Calculation factor - X	0.35
Calculation factor - Y_0	0.26
Calculation factor - Y_1	
Calculation factor - Y_2	0.57
Category	Angular Contact Ball Bearings
Inventory	9.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	5.54
EAN	7316577095572
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 3 ISO P6
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Brass
Contact Angle	40 Degree
Internal Clearance	CB
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch - Metric	Metric



NTNY BEARING LTD

Long Description	90MM Bore; 190MM Outside Diameter; 43MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
Other Features	Normal Axial Internal Clearance
Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	7318 BECBM
Weight / LBS	12.194
Width	1.693 Inch 43 Millimeter
Bore	3.543 Inch 90 Millimeter
Outside Diameter	7.48 Inch 190 Millimeter
bore diameter:	90 mm
radial static load capacity:	146 kN
outside diameter:	190 mm
cage material:	Brass
overall width:	43 mm
outer ring width:	43 mm
contact angle:	40 °
maximum rpm:	4500 RPM
row type & fill slot:	Single-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	ABEC 3 (ISO Class 6)
closure type:	Open
fillet radius:	2.5 mm



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radial dynamic load capacity:	166 kN
series:	73
d_1	129.2 mm
d_2	108.97 mm
D_1	153.1 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	1.1 mm
d_a min.	104 mm
D_a max.	176 mm
D_b max.	183 mm
r_a max.	2.5 mm
r_b max.	1 mm
Basic dynamic load rating C	166 kN
Basic static load rating C_0	146 kN
Fatigue load limit P_u	5.3 kN
Calculation factor A	0.333
Calculation factor k_r	0.1
Calculation factor e	1.14
Calculation factor X	0.35
Calculation factor Y_0	0.26
Calculation factor Y_2	0.57
Calculation factor X	0.57
Calculation factor Y_0	0.52
Calculation factor Y_1	0.55
Calculation factor Y_2	0.93
Mass bearing	5.2 kg