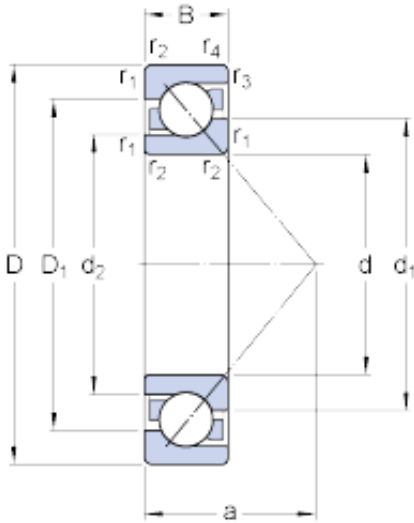




SNR BEARING CORP.OF AMERICA



75 mm x 190 mm x 45 mm skf 7415 BGBM
Single row angular contact ball bearings

Bearing No. 7415 BGBM

7415 BGBM Bearing 2D drawings and 3D CAD models

Size	190x75x45 mm
Bore Diameter	190 mm
Outer Diameter	75 mm
Width	45 mm
d	75 mm
D	190 mm
B	45 mm
d ₁	119.6 mm
d ₂	97.65 mm
D ₁	147.6 mm
a	78 mm
r _{1,2} - min.	3 mm
r _{3,4} - min.	3 mm
d _a - min.	55 mm
D _a - max.	110 mm
D _b - max.	170.8 mm
r _a - max.	2 mm
r _b - max.	2 mm
Basic dynamic load rating - C	168 kN
Basic static load rating - C ₀	140 kN
Fatigue load limit - P _u	5.1 kN
Reference speed	4300 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	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	6.86
EAN	7316576651472
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	C0-Medium
Number of Bearings	1 (Single)
Preload	Medium
Mounting Arrangement	Universal



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Inch - Metric	Metric
Long Description	75MM Bore; 190MM Outside Diameter; 45MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
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	7415 BGBM
Weight / LBS	15.102
Outside Diameter	7.48 Inch 190 Millimeter
Width	1.772 Inch 45 Millimeter
Bore	2.953 Inch 75 Millimeter
d_1	119.6 mm
d_2	97.65 mm
D_1	147.6 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	3 mm
d_a min.	55 mm
D_a max.	110 mm
D_b max.	170.8 mm
r_a max.	2 mm
r_b max.	2 mm
Basic dynamic load rating C	168 kN
Basic static load rating C_0	140 kN
Fatigue load limit P_u	5.1 kN
Calculation factor A	0.377



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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	6.85 kg