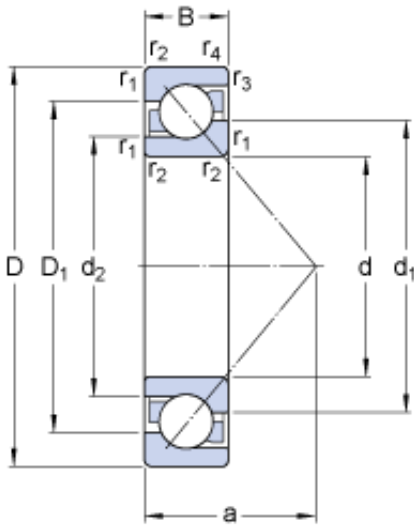




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7415 BGAM Bearing 2D drawings and 3D CAD models

75 mm x 190 mm x 45 mm SKF 7415 BGAM angular contact ball bearings

Bearing No. 7415 BGAM

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	7316571273877
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	Light
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 BGAM
Weight / LBS	15.102
Width	1.772 Inch 45 Millimeter
Bore	2.953 Inch 75 Millimeter
Outside Diameter	7.48 Inch 190 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