



SNR BEARING CORP.OF AMERICA



105 mm x 190 mm x 36 mm skf 7221 BECBP
Single row angular contact ball bearings

Bearing No. 7221 BECBP

7221 BECBP Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	3.92
EAN	7316570449525
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	Polyamide
Contact Angle	40 Degree
Internal Clearance	CB
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	105MM Bore; 190MM Outside Diameter; 36MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap



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	Ring; CB; Polyamide Cage; 40 Degree; 1 (Single); Un
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	7221 BECBP
D	7.48 Inch 190 Millimeter
B	1.417 Inch 36 Millimeter
d	4.134 Inch 105 Millimeter
d	105 mm
D	190 mm
B	36 mm
d ₁	137.95 mm
d ₂	121.17 mm
D ₁	159.1 mm
a	80 mm
r _{1,2} min.	2.1 mm
r _{3,4} min.	1.1 mm
d _a min.	117 mm
D _a max.	178 mm
D _b max.	183 mm
r _a max.	2 mm
r _b max.	1 mm
Basic dynamic load rating C	156 kN
Basic static load rating C ₀	150 kN
Fatigue load limit P _u	5.2 kN
Reference speed	4000 r/min



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Limiting speed	4300 r/min
Calculation factor A	0.302
Calculation factor k_r	0.095
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	3.95 kg