



NTN Bearing Driveshaft do Brasil



90 mm x 160 mm x 30 mm SKF 7218 BEGAY Angular Contact Ball Bearings

Bearing No. 7218 BEGAY

7218 BEGAY Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	2.392
EAN	7316577150097
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	Brass
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Preload	Light
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	90MM Bore; 160MM Outside Diameter; 30MM Width; Open; Yes Flush Ground; Ball Bearing; Single



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	Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Brass Cage; 40 Degree; 1 (Single);
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	7218 BEGAY
D	6.299 Inch 160 Millimeter
B	1.181 Inch 30 Millimeter
d	3.543 Inch 90 Millimeter
bore diameter:	90 mm
closure type:	Open
outside diameter:	160 mm
cage material:	Brass
overall width:	30 mm
outer ring width:	30 mm
contact angle:	40 °
finish/coating:	Uncoated
row type & fill slot:	Single-Row Non-Fill Slot
precision rating:	Not Rated
internal clearance:	C0
series:	72
d	90 mm
D	160 mm
B	30 mm
d ₁	117.1 mm
d ₂	103.06 mm
D ₁	134.8 mm



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a	67 mm
$r_{1,2}$ min.	2 mm
$r_{3,4}$ min.	1 mm
d_a min.	101 mm
D_a max.	149 mm
D_b max.	154 mm
r_a max.	2 mm
r_b max.	1 mm
Basic dynamic load rating C	108 kN
Basic static load rating C_0	96.5 kN
Fatigue load limit P_u	3.65 kN
Reference speed	5000 r/min
Limiting speed	4500 r/min
Calculation factor A	0.149
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	2.3 kg