



NTN Bearing Driveshaft do Brasil



7205 BEGBY Bearing 2D drawings and 3D CAD models

25 mm x 52 mm x 15 mm SKF 7205 BEGBY Angular Contact Ball Bearings

Bearing No. 7205 BEGBY

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.13
EAN	7316576649769
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
Inch - Metric	Metric
Long Description	25MM Bore; 52MM Outside Diameter; 15MM Width; Open; Yes Flush Ground; Ball Bearing; Single



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	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	7205 BEGBY
Weight / LBS	0.291
d	0.984 Inch 25 Millimeter
B	0.591 Inch 15 Millimeter
D	2.047 Inch 52 Millimeter
bore diameter:	25 mm
radial static load capacity:	10.2 kN
outside diameter:	52 mm
cage material:	Brass
overall width:	15 mm
outer ring width:	15 mm
contact angle:	40 °
maximum rpm:	15000 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:	1 mm
radial dynamic load capacity:	15.6 kN
series:	72
d	25 mm



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D	52 mm
B	15 mm
d ₁	36.1 mm
d ₂	30.87 mm
D ₁	41.5 mm
a	24 mm
r _{1,2} min.	1 mm
r _{3,4} min.	0.6 mm
d _a min.	30.6 mm
D _a max.	46.4 mm
D _b max.	47.8 mm
r _a max.	1 mm
r _b max.	0.6 mm
Basic dynamic load rating C	14.8 kN
Basic static load rating C ₀	9.3 kN
Fatigue load limit P _u	0.4 kN
Reference speed	16000 r/min
Limiting speed	15000 r/min
Calculation factor A	0.00159
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	0.13 kg