



TIMKEN AXLE CORP.



35 mm x 72 mm x 17 mm SKF 7207 BEGBP Angular Contact Ball Bearings

Bearing No. 7207 BEGBP

7207 BEGBP Bearing 2D drawings and 3D CAD models

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.284
EAN	7316576632815
Product Group	B04270
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	C0-Medium
Number of Bearings	1 (Single)
Preload	Medium
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	35MM Bore; 72MM Outside Diameter; 17MM 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; Polyamide 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	7207 BEGBP
D	2.835 Inch 72 Millimeter
d	1.378 Inch 35 Millimeter
B	0.669 Inch 17 Millimeter
bore diameter:	35 mm
maximum temperature:	257 ° F
outside diameter:	72 mm
cage material:	Polyamide 66
overall width:	17 mm
maximum rpm:	12000 rpm
contact angle:	40 °
finish/coating:	Uncoated
row type & fill slot:	Single-Row Non-Fill Slot
fillet radius:	1.1 mm
bore type:	Round
series:	7200
closure type:	Open
weight:	0.62 lb
bearing material:	Steel
manufacturer product page:	Click here
radial dynamic load capacity:	31 kN



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manufacturer upc number:	7316576632815
radial static load capacity:	20.8 kN
d	35 mm
D	72 mm
B	17 mm
d ₁	49.65 mm
d ₂	41.96 mm
D ₁	58.25 mm
a	31 mm
r _{1,2} min.	1.1 mm
r _{3,4} min.	0.6 mm
d _a min.	42 mm
D _a max.	65 mm
D _b max.	67.8 mm
r _a max.	1 mm
r _b max.	0.6 mm
Basic dynamic load rating C	31 kN
Basic static load rating C ₀	20.8 kN
Fatigue load limit P _u	0.88 kN
Reference speed	11000 r/min
Limiting speed	12000 r/min
Calculation factor A	0.00674
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	0.28 kg



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