



IPH Series PUMP LTD



7232 BCBM Bearing 2D drawings and 3D CAD models

160 mm x 290 mm x 48 mm SKF 7232 BCBM Angular Contact Ball Bearings

Bearing No. 7232 BCBM

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	13.58
EAN	7316576650369
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	CB
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch - Metric	Metric
Long Description	160MM Bore; 290MM Outside Diameter; 48MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap



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	Ring
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	7232 BCBM
Weight / LBS	29.917
d	6.299 Inch 160 Millimeter
D	11.417 Inch 290 Millimeter
B	1.89 Inch 48 Millimeter
bore diameter:	160 mm
radial static load capacity:	300 kN
outside diameter:	290 mm
cage material:	Brass
overall width:	48 mm
outer ring width:	48 mm
contact angle:	40 °
maximum rpm:	2600 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:	2.5 mm
radial dynamic load capacity:	255 kN
series:	72
d	160 mm



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D	290 mm
B	48 mm
d ₁	211.1 mm
d ₂	187.55 mm
D ₁	242.3 mm
a	118 mm
r _{1,2} min.	3 mm
r _{3,4} min.	1.1 mm
d _a min.	174 mm
D _a max.	276 mm
D _b max.	283 mm
r _a max.	2.5 mm
r _b max.	1 mm
Basic dynamic load rating C	255 kN
Basic static load rating C ₀	300 kN
Fatigue load limit P _u	8.5 kN
Reference speed	2800 r/min
Limiting speed	3000 r/min
Calculation factor A	1.48
Calculation factor k _r	0.08
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	14 kg