



GARLOCK BEARINGS LTD



7320 BEP Bearing 2D drawings and 3D CAD models

100 mm x 215 mm x 47 mm SKF 7320 BEP Angular Contact Ball Bearings

Bearing No. 7320 BEP

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	7.18
EAN	7316577151353
Product Group	B00308
Enclosure	Open
Flush Ground	No
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	Polymer
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	100MM Bore; 215MM Outside Diameter; 47MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring



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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	7320 BEP
Weight / LBS	15.809
d	3.937 Inch 100 Millimeter
B	1.85 Inch 47 Millimeter
D	8.465 Inch 215 Millimeter
d	100 mm
D	215 mm
B	47 mm
d ₁	144.5 mm
d ₂	120.46 mm
D ₁	173.75 mm
a	90 mm
r _{1,2} min.	3 mm
r _{3,4} min.	1.1 mm
d _a min.	114 mm
D _a max.	201 mm
D _b max.	208 mm
r _a max.	2.5 mm
r _b max.	1 mm
Basic dynamic load rating C	203 kN
Basic static load rating C ₀	190 kN
Fatigue load limit P _u	6.4 kN
Reference speed	3800 r/min
Limiting speed	3600 r/min
Calculation factor A	0.63
Calculation factor k _r	0.1



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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	7.5 kg