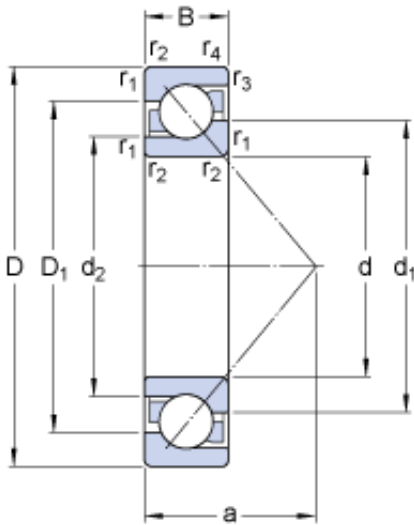




BEARING DRIVESHAFT, INC.



40 mm x 90 mm x 23 mm skf 7308 bep bearing

Bearing No. 7308 bep

7308 bep Bearing 2D drawings and 3D CAD models

Size	90x40x23 mm
Bore Diameter	90 mm
Outer Diameter	40 mm
Width	23 mm
d	40 mm
D	90 mm
B	23 mm
d ₁	59.7 mm
d ₂	49.55 mm
D ₁	71.6 mm
a	39 mm
r _{1,2} - min.	1.5 mm
r _{3,4} - min.	1 mm
d _a - min.	49 mm
D _a - max.	81 mm
D _b - max.	84.4 mm
r _a - max.	1.5 mm
r _b - max.	1 mm
Basic dynamic load rating - C	46.2 kN
Basic static load rating - C ₀	30.5 kN
Fatigue load limit - P _u	1.3 kN
Reference speed	9000 r/min
Limiting speed	9000 r/min
Calculation factor - k _r	0.1
Calculation factor - k _a	1.6



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Calculation factor - e	1.14
Calculation factor - X	0.57
Calculation factor - Y ₀	0.52
Calculation factor - Y ₁	0.55
Calculation factor - Y ₂	0.93
Calculation factor - X	0.35
Calculation factor - Y ₀	0.26
Calculation factor - Y ₁	
Calculation factor - Y ₂	0.57
Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.61
EAN	7316576634130
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	40MM Bore; 90MM Outside Diameter; 23MM



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	Width; Open; No Flush Ground; Ball Bearing; Single 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	7308 BEP
Weight / LBS	1.347
Width	0.906 Inch 23 Millimeter
Outside Diameter	3.543 Inch 90 Millimeter
Bore	1.575 Inch 40 Millimeter
bore diameter:	40 mm
radial static load capacity:	30.5 kN
outside diameter:	90 mm
cage material:	Nylon
overall width:	23 mm
outer ring width:	23 mm
contact angle:	40 °
maximum rpm:	9000 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:	1.5 mm
radial dynamic load capacity:	46.2 kN
series:	73



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d_1	59.7 mm
d_2	49.55 mm
D_1	71.6 mm
$r_{1,2}$ min.	1.5 mm
$r_{3,4}$ min.	1 mm
d_a min.	49 mm
D_a max.	81 mm
D_b max.	84.4 mm
r_a max.	1.5 mm
r_b max.	1 mm
Basic dynamic load rating C	46.2 kN
Basic static load rating C_0	30.5 kN
Fatigue load limit P_u	1.29 kN
Calculation factor A	0.0173
Calculation factor k_r	0.1
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	0.62 kg