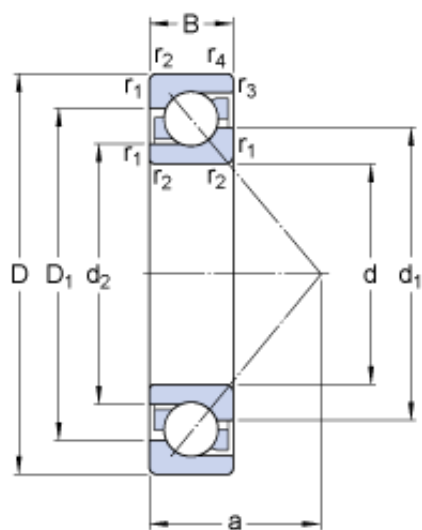




Bearing No. 7318 BEP

D	190 mm
d	90 mm
B	43 mm
a	80 mm
Bore	3.543 Inch 90 Millimeter
Noun	Bearing
Width	1.693 Inch 43 Millimeter
UNSPSC	31171531
Category	Angular Contact Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	190x90x43
Snap Ring	No
Width (mm)	43
Flush Ground	No
Mass bearing	5.2 kg
Weight / LBS	10.968
Inch - Metric	Metric
Contact Angle	40 Degree
Cage Material	Polymer
D ₁	153.1 mm
d ₂	108.97 mm
d ₁	129.2 mm
Product Group	B00308
Keyword String	Angular Contact
Bearing number	7318 BEP
Limiting speed	4000 r/min

Reference speed	4000 r/min
Precision Class	ABEC 3 ISO P6
Rolling Element	Ball Bearing
Outside Diameter	7.48 Inch 190 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	90MM Bore; 190MM Outside Diameter; 43MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
Manufacturer Name	SKF
Weight / Kilogram	4.98
d _a min.	104 mm
D _a max.	176 mm
Number of Bearings	1 (Single)
D _b max.	183 mm
Internal Clearance	C0-Medium
r _a max.	2.5 mm
r _b max.	1 mm
Bore Diameter (mm)	190
Outer Diameter (mm)	90
r _b - max.	1 mm
r _a - max.	2.5 mm
r _{3,4} min.	1.1 mm
Minimum Buy Quantity	N/A
D _b - max.	183 mm
Calculation factor A	0.333
D _a - max.	176 mm
r _{1,2} min.	3 mm
d _a - min.	104 mm
Calculation factor e	1.14

Calculation factor X	0.57
D_1 ?	153.1 mm
d_2 ?	108.97 mm
d_1 ?	129.2 mm
Calculation factor - e	1.14
$r_{3,4}$ - min.	1.1 mm
$r_{1,2}$ - min.	3 mm
Harmonized Tariff Code	8482.10.50.28
Calculation factor - X	0.35
Number of Rows of Balls	Single Row
Manufacturer Item Number	7318 BEP
Basic dynamic load rating C	156 kN
Basic dynamic load rating - C	156 kN
Maximum Capacity / Filling Slot	No
Calculation factor k_r	0.1
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Fatigue load limit P_u	4.8 kN
Fatigue load limit - P_u	4.8 kN
Calculation factor - k_r	0.1
Calculation factor - k_a	1.6
Calculation factor - Y_2	0.57
Calculation factor - Y_1	
Calculation factor - Y_0	0.26
Basic static load rating C_0	134 kN
Basic static load rating - C_0	134 kN

