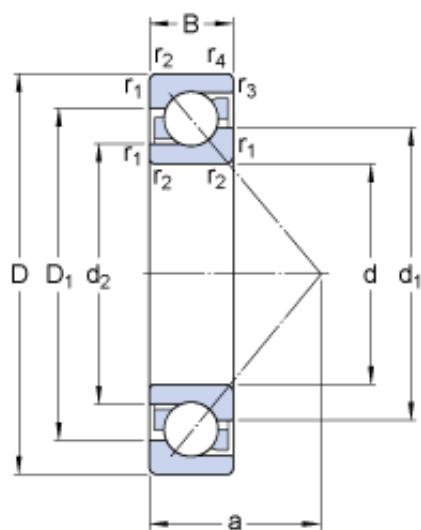




Bearing No. 7318 BEM

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
Snap Ring	No
Enclosure	Open
Size (mm)	190x90x43
Width (mm)	43
Flush Ground	No
Mass bearing	5.2 kg
Contact Angle	40 Degree
Cage Material	Brass
Inch - Metric	Metric
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 BEM
Limiting speed	4300 r/min
Reference speed	4000 r/min

Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Outside Diameter	7.48 Inch 190 Millimeter
Long Description	90MM Bore; 190MM Outside Diameter; 43MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Brass Cage; 40 Degree; 1 (Single)
Weight / Kilogram	5.634
Manufacturer Name	SKF
d _a min.	104 mm
D _b max.	183 mm
D _a max.	176 mm
r _a max.	2.5 mm
Internal Clearance	C0-Medium
r _b max.	1 mm
Bore Diameter (mm)	190
Number of Bearings	1 (Single)
Outer Diameter (mm)	90
d _a - min.	104 mm
D _a - max.	176 mm
r _b - max.	1 mm
D _b - max.	183 mm
r _a - max.	2.5 mm
r _{1,2} min.	3 mm
Minimum Buy Quantity	N/A
Calculation factor A	0.333
Calculation factor e	1.14

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

C ₀	
----------------	--