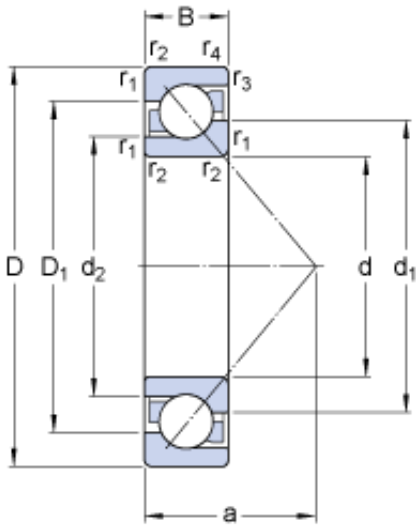




Stainless steel bearing equipment Co....



7218 BECBP Bearing 2D drawings and 3D CAD models

90 mm x 160 mm x 30 mm SKF 7218 BECBP
angular contact ball bearings

Bearing No. 7218 BECBP

Size	160x90x30 mm
Bore Diameter	160 mm
Outer Diameter	90 mm
Width	30 mm
d	90 mm
D	160 mm
B	30 mm
d ₁	117.1 mm
d ₂	103.06 mm
D ₁	134.8 mm
a	67 mm
r _{1,2} - min.	2 mm
r _{3,4} - min.	1 mm
d _a - min.	101 mm
D _a - max.	149 mm
D _b - max.	154 mm
r _a - max.	2 mm
r _b - max.	1 mm
Basic dynamic load rating - C	116 kN
Basic static load rating - C ₀	104 kN
Fatigue load limit - P _u	4 kN
Reference speed	5000 r/min
Limiting speed	5000 r/min
Calculation factor - k _r	0.095



Stainless steel bearing equipment Co....

Calculation factor - k_a	1.4
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	2.19
EAN	7316577086679
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	Polymer
Contact Angle	40 Degree
Internal Clearance	CB
Number of Bearings	1 (Single)
Mounting Arrangement	Universal
Inch - Metric	Metric



Stainless steel bearing equipment Co....

Long Description	90MM Bore; 160MM Outside Diameter; 30MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap 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	7218 BECBP
Weight / LBS	4.828
Outside Diameter	6.299 Inch 160 Millimeter
Width	1.181 Inch 30 Millimeter
Bore	3.543 Inch 90 Millimeter
bore diameter:	90 mm
radial static load capacity:	104 kN
outside diameter:	160 mm
cage material:	Nylon
overall width:	30 mm
outer ring width:	30 mm
contact angle:	40 °
maximum rpm:	5000 RPM
row type & fill slot:	Single-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
fillet radius:	2 mm



Stainless steel bearing equipment Co....

radial dynamic load capacity:	116 kN
series:	72
d_1	117.1 mm
d_2	103.06 mm
D_1	134.8 mm
$r_{1,2}$ min.	2 mm
$r_{3,4}$ min.	1 mm
d_a min.	101 mm
D_a max.	149 mm
D_b max.	154 mm
r_a max.	2 mm
r_b max.	1 mm
Basic dynamic load rating C	116 kN
Basic static load rating C_0	104 kN
Fatigue load limit P_u	4 kN
Calculation factor A	0.149
Calculation factor k_r	0.095
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	2.3 kg