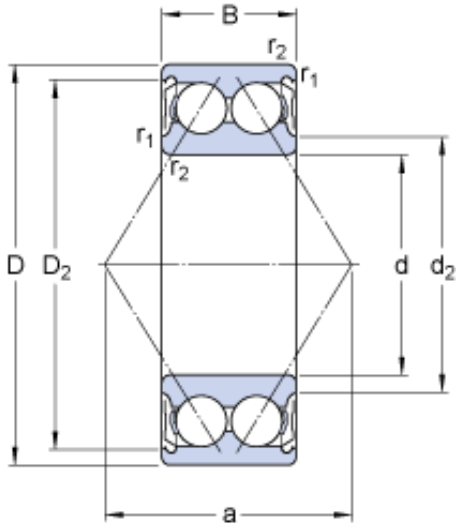
Loyal | 3207 A-2Z



Bearing No. 3207 A-2Z

a	42 mm
d	35 mm
D	72 mm
B	27 mm
Noun	Bearing
Bore	1.378 Inch | 35 Millimeter
Width	1.063 Inch | 27 Millimeter
UNSPSC	31171531
series:	32
Category	Angular Contact Ball Bearing
Enclosure	2 Metal Shields
Snap Ring	No
Size (mm)	72x35x27
Inventory	0.0
Width (mm)	27
Weight / LBS	1.022
maximum rpm:	9000 RPM
Flush Ground	No
Mass bearing	0.44 kg
Contact Angle	30 Degree
Cage Material	Steel
closure type:	Double Shield
Product Group	B00152
Inch - Metric	Metric
D_2	63.85 mm
d_2	45.4 mm
Bearing number	3207 A-2Z
Limiting speed	9000 r/min

fillet radius:	1 mm
contact angle:	30 °
overall width:	27 mm
Keyword String	Angular Contact
bore diameter:	35 mm
Rolling Element	Ball Bearing
Precision Class	ABEC 3 | ISO P6
Reference speed	9000 r/min
finish/coating:	Uncoated
Outside Diameter	2.835 Inch | 72 Millimeter
Long Description	35MM Bore; 72MM Outside Diameter; 27MM Width; 2 Metal Shields; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 3 | ISO P6; No Filling Slot; No Snap Ring
Manufacturer URL	http://www.skf.com
outside diameter:	72 mm
outer ring width:	27 mm
Weight / Kilogram	0.473
precision rating:	Not Rated
Manufacturer Name	SKF
d_a max.	45 mm
Number of Bearings	1 (Single)
Internal Clearance	C0-Medium
D_a max.	65 mm
r_a max.	1 mm
Bore Diameter (mm)	72
d_a min.	42 mm
internal clearance:	C0
Outer Diameter (mm)	35

$r_{1,2}$ min.	1.1 mm
Calculation factor X	0.63
d_a - min.	42 mm
d_a - max.	45 mm
Minimum Buy Quantity	N/A
D_a - max.	65 mm
r_a - max.	1 mm
Calculation factor e	0.8
D_2 ?	63.85 mm
row type & fill slot:	Double-Row Non-Fill Slot
d_2 ?	45.4 mm
$r_{1,2}$ - min.	1.1 mm
Calculation factor - e	0.8
Calculation factor - X	0.63
Harmonized Tariff Code	8482.10.50.28
Number of Rows of Balls	Double Row
Manufacturer Item Number	5207 A-2Z
Basic dynamic load rating C	40 kN
radial static load capacity:	28 kN
radial dynamic load capacity:	40 kN
Basic dynamic load rating - C	40 kN
Maximum Capacity / Filling Slot	No
Calculation factor k_r	0.06
Calculation factor Y_0	0.66
Calculation factor Y_1	0.78
Calculation factor Y_2	1.24
Fatigue load limit P_u	1.18 kN

Calculation factor - k_r	0.06
Calculation factor - Y_2	1.24
Calculation factor - Y_1	0.78
Fatigue load limit - P_u	1.2 kN
Calculation factor - Y_0	0.66
Basic static load rating C_0	28 kN
Basic static load rating - C_0	28 kN