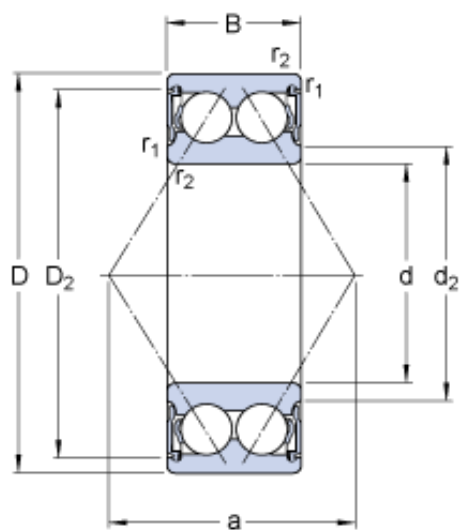




Bearing No. 3306 A-2RS1

a	42 mm
d	30 mm
D	72 mm
B	30.2 mm
Noun	Bearing
Bore	1.181 Inch 30 Millimeter
Width	1.189 Inch 30.2 Millimeter
UNSPSC	31171531
series:	33
Category	Angular Contact Ball Bearing
Enclosure	2 Seals
Snap Ring	No
Size (mm)	72x30x30.2
Inventory	4.0
Width (mm)	30,2
Weight / LBS	1.243
maximum rpm:	6300 RPM
Flush Ground	No
Mass bearing	0.52 kg
Contact Angle	30 Degree
Cage Material	Steel
closure type:	Double Seal
Product Group	B00152
Inch - Metric	Metric
d ₂	39.8 mm
D ₂	64.1 mm
Bearing number	3306 A-2RS1
Keyword String	Angular Contact

fillet radius:	1 mm
contact angle:	30 °
overall width:	1.1875 in
cage material:	Steel
bore diameter:	30 mm
Limiting speed	6300 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 3 ISO P6
finish/coating:	Uncoated
Reference speed	9000 r/min
Long Description	30MM Bore; 72MM Outside Diameter; 30.2MM Width; 2 Seals; No Flush Ground; Ball Bearing; Double Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
Outside Diameter	2.835 Inch 72 Millimeter
Manufacturer URL	http://www.skf.com
precision rating:	Not Rated
Manufacturer Name	SKF
outside diameter:	72 mm
Weight / Kilogram	0.561
outer ring width:	30.2 mm
d _a max.	39.5 mm
D _a max.	65 mm
d _a min.	37 mm
Bore Diameter (mm)	72
Number of Bearings	1 (Single)
Internal Clearance	C0-Medium
r _a max.	1 mm
Outer Diameter (mm)	30

internal clearance:	C0
$r_{1,2}$ min.	1.1 mm
Minimum Buy Quantity	N/A
D_a - max.	65 mm
d_a - min.	37 mm
Calculation factor e	0.8
r_a - max.	1 mm
Calculation factor X	0.63
d_a - max.	39.5 mm
row type & fill slot:	Double-Row Non-Fill Slot
D_2 ?	64.1 mm
d_2 ?	39.8 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	5306 A-2RS1
Basic dynamic load rating C	42.5 kN
radial static load capacity:	27-1/2 kN
radial dynamic load capacity:	41.5 kN
Basic dynamic load rating - C	42.5 kN
Maximum Capacity / Filling Slot	No
Calculation factor Y_2	1.24
Calculation factor Y_1	0.78
Calculation factor Y_0	0.66
Fatigue load limit P_u	1.27 kN

Calculation factor k_r	0.07
Calculation factor - k_r	0.07
Calculation factor - Y_0	0.66
Calculation factor - Y_2	1.24
Calculation factor - Y_1	0.78
Fatigue load limit - P_u	1.3 kN
Basic static load rating C_0	30 kN
Basic static load rating - C_0	30 kN