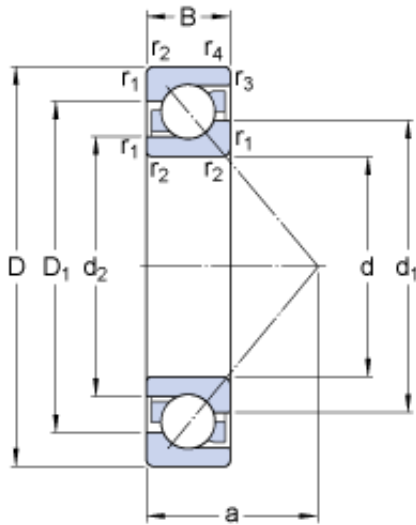




NTN-SNR BEARING RULMENTI S.R.L.



150 mm x 270 mm x 45 mm skf 7230 BGAM
Single row angular contact ball bearings

Bearing No. 7230 BGAM

7230 BGAM Bearing 2D drawings and 3D CAD models

Size	270x150x45 mm
Bore Diameter	270 mm
Outer Diameter	150 mm
Width	45 mm
d	150 mm
D	270 mm
B	45 mm
d ₁	197.2 mm
d ₂	175.6 mm
D ₁	225.95 mm
a	111 mm
r _{1,2} - min.	3 mm
r _{3,4} - min.	1.1 mm
d _a - min.	164 mm
D _a - max.	256 mm
D _b - max.	263 mm
r _a - max.	2.5 mm
r _b - max.	1 mm
Basic dynamic load rating - C	216 kN
Basic static load rating - C ₀	240 kN
Fatigue load limit - P _u	7 kN
Reference speed	2600 r/min
Limiting speed	2800 r/min
Calculation factor - k _r	0.08



NTN-SNR BEARING RULMENTI S.R.L.

Calculation factor - k_a	1.2
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	2.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	10.84
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	Brass
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Preload	Light
Mounting Arrangement	Universal
Inch - Metric	Metric



NTN-SNR BEARING RULMENTI S.R.L.

Long Description	150MM Bore; 270MM Outside Diameter; 45MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
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	7230 BGAM
Weight / LBS	23.876
Width	1.772 Inch 45 Millimeter
Outside Diameter	10.63 Inch 270 Millimeter
Bore	5.906 Inch 150 Millimeter
bore diameter:	150 mm
radial static load capacity:	240 kN
outside diameter:	270 mm
cage material:	Brass
overall width:	45 mm
outer ring width:	45 mm
contact angle:	40 °
maximum rpm:	2800 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:	2.5 mm
radial dynamic load capacity:	216 kN



NTN-SNR BEARING RULMENTI S.R.L.

series:	72
d_1	197.2 mm
d_2	175.6 mm
D_1	225.95 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	1.1 mm
d_a min.	164 mm
D_a max.	256 mm
D_b max.	263 mm
r_a max.	2.5 mm
r_b max.	1 mm
Basic dynamic load rating C	216 kN
Basic static load rating C_0	240 kN
Fatigue load limit P_u	6.95 kN
Calculation factor A	1.01
Calculation factor k_r	0.08
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	11.5 kg