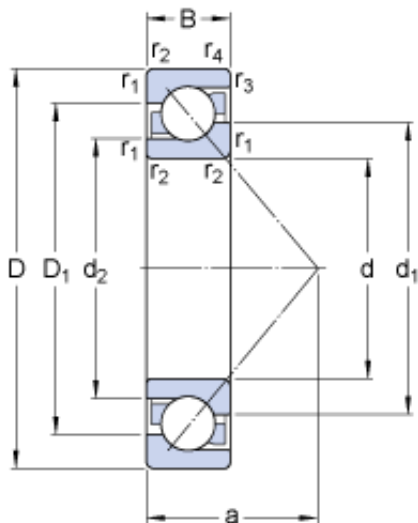




# NTN-SNR BEARING RULMENTI S.R.L.



60 mm x 130 mm x 31 mm skf 7312 BEGAM  
Single row angular contact ball bearings

Bearing No. 7312 BEGAM

7312 BEGAM Bearing 2D drawings and 3D CAD models

Size	130x60x31 mm
Bore Diameter	130 mm
Outer Diameter	60 mm
Width	31 mm
d	60 mm
D	130 mm
B	31 mm
d <sub>1</sub>	87.25 mm
d <sub>2</sub>	72.6 mm
D <sub>1</sub>	104.8 mm
a	55 mm
r <sub>1,2</sub> - min.	2.1 mm
r <sub>3,4</sub> - min.	1.1 mm
d <sub>a</sub> - min.	72 mm
D <sub>a</sub> - max.	118 mm
D <sub>b</sub> - max.	123 mm
r <sub>a</sub> - max.	2 mm
r <sub>b</sub> - max.	1 mm
Basic dynamic load rating - C	104 kN
Basic static load rating - C <sub>0</sub>	76.5 kN
Fatigue load limit - P <sub>u</sub>	3.2 kN
Reference speed	6700 r/min
Limiting speed	6700 r/min
Calculation factor - k <sub>r</sub>	0.1



## NTN-SNR BEARING RULMENTI S.R.L.

Calculation factor - $k_a$	1.6
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	1.88
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	60MM Bore; 130MM Outside Diameter; 31MM 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	7312 BEGAM
Weight / LBS	4.145
Bore	2.362 Inch   60 Millimeter
Width	1.22 Inch   31 Millimeter
Outside Diameter	5.118 Inch   130 Millimeter
bore diameter:	60 mm
radial static load capacity:	76.5 kN
outside diameter:	130 mm
cage material:	Brass
overall width:	31 mm
outer ring width:	31 mm
contact angle:	40 °
maximum rpm:	6700 RPM
row type & fill slot:	Single-Row Non-Fill Slot
finish/coating:	Uncoated
internal clearance:	C0
precision rating:	ABEC 3 (ISO Class 6)
closure type:	Open
fillet radius:	2 mm
radial dynamic load capacity:	104 kN



## NTN-SNR BEARING RULMENTI S.R.L.

series:	73
$d_1$	87.25 mm
$d_2$	72.6 mm
$D_1$	104.8 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	1.1 mm
$d_a$ min.	72 mm
$D_a$ max.	118 mm
$D_b$ max.	123 mm
$r_a$ max.	2 mm
$r_b$ max.	1 mm
Basic dynamic load rating C	104 kN
Basic static load rating $C_0$	76.5 kN
Fatigue load limit $P_u$	3.2 kN
Calculation factor A	0.0846
Calculation factor $k_r$	0.1
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	1.75 kg