



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



65 mm x 140 mm x 33 mm skf 7313 BEGAM  
Single row angular contact ball bearings

Bearing No. 7313 BEGAM

7313 BEGAM Bearing 2D drawings and 3D CAD models

Size	140x65x33 mm
Bore Diameter	140 mm
Outer Diameter	65 mm
Width	33 mm
d	65 mm
D	140 mm
B	33 mm
d <sub>1</sub>	94.15 mm
d <sub>2</sub>	78.45 mm
D <sub>1</sub>	112.85 mm
a	60 mm
r <sub>1,2</sub> - min.	2.1 mm
r <sub>3,4</sub> - min.	1.1 mm
d <sub>a</sub> - min.	77 mm
D <sub>a</sub> - max.	128 mm
D <sub>b</sub> - max.	133 mm
r <sub>a</sub> - max.	2 mm
r <sub>b</sub> - max.	1 mm
Basic dynamic load rating - C	116 kN
Basic static load rating - C <sub>0</sub>	86.5 kN
Fatigue load limit - P <sub>u</sub>	3.6 kN
Reference speed	6300 r/min
Limiting speed	6300 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	2.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.31
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	65MM Bore; 140MM Outside Diameter; 33MM 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	7313 BEGAM
Weight / LBS	5.093
Outside Diameter	5.512 Inch   140 Millimeter
Bore	2.559 Inch   65 Millimeter
Width	1.299 Inch   33 Millimeter
bore diameter:	65 mm
radial static load capacity:	86.5 kN
outside diameter:	140 mm
cage material:	Brass
overall width:	33 mm
outer ring width:	33 mm
contact angle:	40 °
maximum rpm:	6300 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:	116 kN



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

series:	73
$d_1$	94.15 mm
$d_2$	78.45 mm
$D_1$	112.85 mm
$r_{1,2}$ min.	2.1 mm
$r_{3,4}$ min.	1.1 mm
$d_a$ min.	77 mm
$D_a$ max.	128 mm
$D_b$ max.	133 mm
$r_a$ max.	2 mm
$r_b$ max.	1 mm
Basic dynamic load rating C	116 kN
Basic static load rating $C_0$	86.5 kN
Fatigue load limit $P_u$	3.65 kN
Calculation factor A	0.112
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	2.15 kg