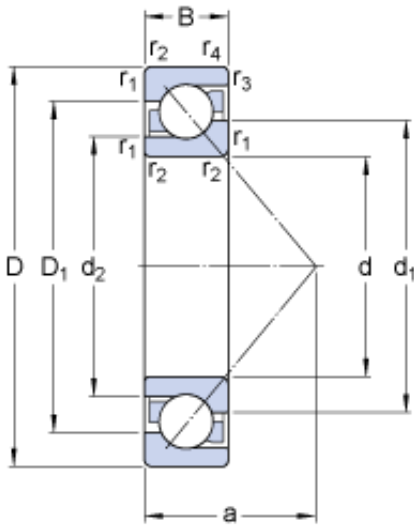




# NTN BEARUNG DRIVESHAFT,INC.



7317 BEGAPH Bearing 2D drawings and 3D CAD models

## 85 mm x 180 mm x 41 mm SKF 7317 BEGAPH angular contact ball bearings

Bearing No. 7317 BEGAPH

Size	180x85x41 mm
Bore Diameter	180 mm
Outer Diameter	85 mm
Width	41 mm
d	85 mm
D	180 mm
B	41 mm
d <sub>1</sub>	122.3 mm
d <sub>2</sub>	103.03 mm
D <sub>1</sub>	144.95 mm
a	76 mm
r <sub>1,2</sub> - min.	3 mm
r <sub>3,4</sub> - min.	1.1 mm
d <sub>a</sub> - min.	99 mm
D <sub>a</sub> - max.	166 mm
D <sub>b</sub> - max.	173 mm
r <sub>a</sub> - max.	2.5 mm
r <sub>b</sub> - max.	1 mm
Basic dynamic load rating - C	156 kN
Basic static load rating - C <sub>0</sub>	132 kN
Fatigue load limit - P <sub>u</sub>	4.9 kN
Reference speed	4800 r/min
Limiting speed	4800 r/min
Calculation factor - k <sub>r</sub>	0.1



## NTN BEARUNG DRIVESHAFT,INC.

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	0
EAN	7316572839782
Product Group	B00308
Enclosure	Open
Flush Ground	Yes
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Snap Ring	No
Cage Material	PEEK
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Preload	Light
Mounting Arrangement	Universal



## NTN BEARUNG DRIVESHAFT,INC.

Inch - Metric	Metric
Long Description	85MM Bore; 180MM Outside Diameter; 41MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; C0-Medium; PEEK Cage; 40 Degree; 1 (Single); L
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	7317 BEGAPH
Outside Diameter	7.087 Inch   180 Millimeter
Width	1.614 Inch   41 Millimeter
Bore	3.346 Inch   85 Millimeter
$d_1$	122.3 mm
$d_2$	103.03 mm
$D_1$	144.95 mm
$r_{1,2}$ min.	3 mm
$r_{3,4}$ min.	1.1 mm
$d_a$ min.	99 mm
$D_a$ max.	166 mm
$D_b$ max.	173 mm
$r_a$ max.	2.5 mm
$r_b$ max.	1 mm
Basic dynamic load rating C	156 kN
Basic static load rating $C_0$	132 kN
Fatigue load limit $P_u$	4.9 kN
Calculation factor A	0.27



## NTN BEARUNG DRIVESHAFT, INC.

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	4.45 kg