



# KORTON INDUSTRIAL LIMITED



7306 BEP Bearing 2D drawings and 3D CAD models

## 30 mm x 72 mm x 19 mm SKF 7306 BEP Angular Contact Ball Bearings

Bearing No. 7306 BEP

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.33
EAN	7316576633898
Product Group	B00308
Enclosure	Open
Flush Ground	No
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	Polymer
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	30MM Bore; 72MM Outside Diameter; 19MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3   ISO P6; No Filling Slot; No Snap Ring



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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	7306 BEP
Weight / LBS	0.73
D	2.835 Inch   72 Millimeter
d	1.181 Inch   30 Millimeter
B	0.748 Inch   19 Millimeter
bore diameter:	30 mm
radial static load capacity:	19.3 kN
outside diameter:	72 mm
cage material:	Nylon
overall width:	19 mm
outer ring width:	19 mm
contact angle:	40 °
maximum rpm:	12000 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:	1 mm
radial dynamic load capacity:	32.5 kN
series:	73
d	30 mm
D	72 mm
B	19 mm
d <sub>1</sub>	46.5 mm



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$d_2$	37.9 mm
$D_1$	56.6 mm
a	31 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
$d_a$ min.	37 mm
$D_a$ max.	65 mm
$D_b$ max.	67.8 mm
$r_a$ max.	1 mm
$r_b$ max.	0.6 mm
Basic dynamic load rating C	32.5 kN
Basic static load rating $C_0$	19.3 kN
Fatigue load limit $P_u$	0.815 kN
Reference speed	12000 r/min
Limiting speed	12000 r/min
Calculation factor A	0.0074
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	0.34 kg