



Bearing No. 7213 BEP

B	23 mm
a	50 mm
d	65 mm
D	120 mm
Noun	Bearing
Bore	2.559 Inch 65 Millimeter
Width	0.906 Inch 23 Millimeter
UNSPSC	31171531
weight:	2.2 lbs
series:	7200
Category	Angular Contact Ball Bearing
Size (mm)	120x65x23
Snap Ring	No
Enclosure	Open
Inventory	0.0
bore type:	Round
Width (mm)	23
maximum rpm:	6300 rpm
Weight / LBS	2.222
Flush Ground	No
Mass bearing	1 kg
Product Group	B00308
closure type:	Open
d ₁	86.35 mm
d ₂	75.48 mm
D ₁	100 mm
Inch - Metric	Metric

Contact Angle	40 Degree
Cage Material	Polymer
Bearing number	7213 BEP
fillet radius:	1.5 mm
contact angle:	40 °
overall width:	23 mm
cage material:	Polyamide 66
Keyword String	Angular Contact
bore diameter:	65 mm
Limiting speed	6300 r/min
Rolling Element	Ball Bearing
finish/coating:	Uncoated
Precision Class	ABEC 3 ISO P6
Reference speed	6300 r/min
Manufacturer URL	http://www.skf.com
Long Description	65MM Bore; 120MM Outside Diameter; 23MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring
Outside Diameter	4.724 Inch 120 Millimeter
bearing material:	Steel
outside diameter:	120 mm
Weight / Kilogram	1.011
Manufacturer Name	SKF
Number of Bearings	1 (Single)
D _a max.	111 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	120
r _b max.	1 mm
d _a min.	74 mm

r_a max.	1.5 mm
D_b max.	114 mm
Outer Diameter (mm)	65
d_a - min.	74 mm
$r_{3,4}$ min.	1 mm
Calculation factor A	0.0478
D_b - max.	114 mm
maximum temperature:	257 °F
Calculation factor e	1.14
$r_{1,2}$ min.	1.5 mm
Calculation factor X	0.57
r_b - max.	1 mm
r_a - max.	1.5 mm
D_a - max.	111 mm
Minimum Buy Quantity	N/A
D_1 ?	100 mm
d_2 ?	75.48 mm
d_1 ?	86.35 mm
row type & fill slot:	Single-Row Non-Fill Slot
Calculation factor - e	1.14
Harmonized Tariff Code	8482.10.50.28
Calculation factor - X	0.35
$r_{1,2}$ - min.	1.5 mm
$r_{3,4}$ - min.	1 mm
Number of Rows of Balls	Single Row
Manufacturer Item Number	7213 BEP
manufacturer upc number:	7316576633515
manufacturer product page:	Click here
Basic dynamic load rating C	66.3 kN

radial static load capacity:	54 kN
radial dynamic load capacity:	66.3 kN
Basic dynamic load rating - C	66.3 kN
Maximum Capacity / Filling Slot	No
Calculation factor k_r	0.095
Calculation factor Y_2	0.93
Calculation factor Y_0	0.52
Calculation factor Y_1	0.55
Fatigue load limit P_u	2.28 kN
Calculation factor - k_r	0.095
Calculation factor - k_a	1.4
Calculation factor - Y_2	0.57
Calculation factor - Y_1	
Calculation factor - Y_0	0.26
Fatigue load limit - P_u	2.3 kN
Basic static load rating C_0	54 kN
Basic static load rating - C_0	54 kN