



Bearing No. 7213 BEGAPH

D	120 mm
d	65 mm
B	23 mm
a	50 mm
Bore	2.559 Inch 65 Millimeter
Noun	Bearing
Width	0.906 Inch 23 Millimeter
UNSPSC	31171531
Preload	Light
Category	Angular Contact Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	120x65x23
Snap Ring	No
Width (mm)	23
Flush Ground	Yes
Mass bearing	1 kg
Contact Angle	40 Degree
Cage Material	PEEK
Inch - Metric	Metric
D ₁	100 mm
d ₂	75.48 mm
d ₁	86.35 mm
Product Group	B00308
Keyword String	Angular Contact
Bearing number	7213 BEGAPH
Limiting speed	6700 r/min

Reference speed	6700 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Outside Diameter	4.724 Inch 120 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	65MM Bore; 120MM Outside Diameter; 23MM 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
Manufacturer Name	SKF
Weight / Kilogram	0
Internal Clearance	C0-Medium
d _a min.	74 mm
D _a max.	111 mm
Bore Diameter (mm)	120
D _b max.	114 mm
r _a max.	1.5 mm
r _b max.	1 mm
Number of Bearings	1 (Single)
Outer Diameter (mm)	65
Mounting Arrangement	Universal
r _{1,2} min.	1.5 mm
d _a - min.	74 mm
D _a - max.	111 mm
r _{3,4} min.	1 mm
D _b - max.	114 mm
r _a - max.	1.5 mm
r _b - max.	1 mm

Minimum Buy Quantity	N/A
Calculation factor A	0.0478
Calculation factor e	1.14
Calculation factor X	0.57
d_1 ?	86.35 mm
D_1 ?	100 mm
d_2 ?	75.48 mm
Calculation factor - e	1.14
Harmonized Tariff Code	8482.10.50.28
$r_{1,2}$ - min.	1.5 mm
$r_{3,4}$ - min.	1 mm
Calculation factor - X	0.35
Number of Rows of Balls	Single Row
Basic dynamic load rating C	69.5 kN
Basic dynamic load rating - C	69.5 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	2.45 kN
Calculation factor k_r	0.095
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Fatigue load limit - P_u	2.4 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
Basic static load rating C_0	57 kN

Basic static load rating - C_0	57 kN
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