



Bearing No. 7214 BEGAF

D	125 mm
d	70 mm
B	24 mm
a	53 mm
Bore	2.756 Inch 70 Millimeter
Noun	Bearing
Width	0.945 Inch 24 Millimeter
UNSPSC	31171531
Preload	Light
Category	Angular Contact Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	125x70x24
Snap Ring	No
Width (mm)	24
Flush Ground	Yes
Mass bearing	1.1 kg
Contact Angle	40 Degree
Cage Material	Steel
Inch - Metric	Metric
D ₁	104.75 mm
d ₂	80.25 mm
d ₁	91.5 mm
Product Group	B04270
Keyword String	Angular Contact
Bearing number	7214 BEGAF
Limiting speed	6000 r/min

Reference speed	6000 r/min
Rolling Element	Ball Bearing
Precision Class	ABEC 1 ISO P0
Outside Diameter	4.921 Inch 125 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	70MM Bore; 125MM Outside Diameter; 24MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Steel Cage; 40 Degree; 1 (Single);
Manufacturer Name	SKF
Weight / Kilogram	0
Internal Clearance	C0-Medium
d _a min.	79 mm
D _a max.	116 mm
Bore Diameter (mm)	125
D _b max.	119 mm
r _a max.	1.5 mm
r _b max.	1 mm
Number of Bearings	1 (Single)
Outer Diameter (mm)	70
Mounting Arrangement	Universal
r _{1,2} min.	1.5 mm
d _a - min.	79 mm
D _a - max.	116 mm
r _{3,4} min.	1 mm
D _b - max.	119 mm
r _a - max.	1.5 mm
r _b - max.	1 mm

Minimum Buy Quantity	N/A
Calculation factor A	0.0529
Calculation factor e	1.14
Calculation factor X	0.57
d_1 ?	91.5 mm
D_1 ?	104.75 mm
d_2 ?	80.25 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	67.6 kN
Basic dynamic load rating - C	67.6 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	2.36 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	56 kN

Basic static load rating - C_0	56 kN
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