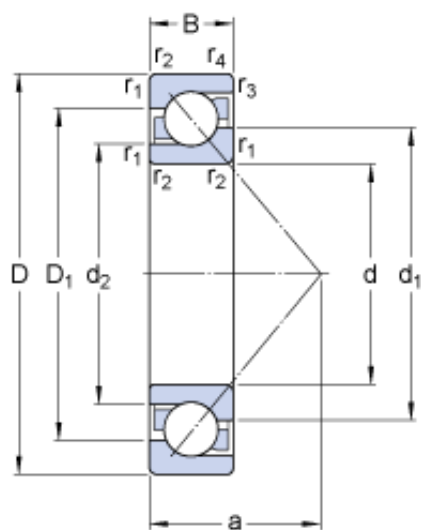




Bearing No. 7410 BGAM

D	130 mm
d	50 mm
B	31 mm
a	53 mm
Bore	1.969 Inch 50 Millimeter
Noun	Bearing
Width	1.22 Inch 31 Millimeter
UNSPSC	31171531
Preload	Light
Category	Angular Contact Ball Bearing
Inventory	0.0
Enclosure	Open
Size (mm)	130x50x31
Snap Ring	No
Width (mm)	31
Flush Ground	Yes
Mass bearing	2.25 kg
Contact Angle	40 Degree
Cage Material	Brass
Inch - Metric	Metric
D ₁	99.85 mm
d ₂	66.8 mm
d ₁	81.4 mm
Product Group	B00308
Keyword String	Angular Contact
Bearing number	7410 BGAM
Limiting speed	6700 r/min
Precision Class	ABEC 1 ISO P0

Rolling Element	Ball Bearing
Reference speed	6300 r/min
Outside Diameter	5.118 Inch 130 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	50MM Bore; 130MM Outside Diameter; 31MM Width; Open; Yes Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Brass Cage; 40 Degree; 1 (Single);
Manufacturer Name	SKF
Weight / Kilogram	2.161
r_b max.	2 mm
r_a max.	2 mm
Internal Clearance	C0-Medium
D_b max.	116.5 mm
Bore Diameter (mm)	130
D_a max.	110 mm
d_a min.	55 mm
Number of Bearings	1 (Single)
Outer Diameter (mm)	50
r_b - max.	2 mm
r_a - max.	2 mm
$r_{1,2}$ min.	2.1 mm
Minimum Buy Quantity	N/A
D_b - max.	116.5 mm
Mounting Arrangement	Universal
D_a - max.	110 mm
Calculation factor A	0.0785
d_a - min.	55 mm

Calculation factor e	1.14
Calculation factor X	0.57
$r_{3,4}$ min.	2.1 mm
D_1 ?	99.85 mm
d_2 ?	66.8 mm
d_1 ?	81.4 mm
Calculation factor - e	1.14
$r_{3,4}$ - min.	2.1 mm
Calculation factor - X	0.35
Harmonized Tariff Code	8482.10.50.28
$r_{1,2}$ - min.	2.1 mm
Number of Rows of Balls	Single Row
Manufacturer Item Number	7410 BGAM
Basic dynamic load rating C	95.6 kN
Basic dynamic load rating - C	95.6 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	2.7 kN
Calculation factor k_r	0.1
Calculation factor Y_0	0.52
Calculation factor Y_2	0.93
Calculation factor Y_1	0.55
Fatigue load limit - P_u	2.7 kN
Calculation factor - k_r	0.1
Calculation factor - k_a	1.6
Calculation factor - Y_2	0.57
Calculation factor - Y_1	
Calculation factor - Y_0	0.26
Basic static load rating C_0	64 kN

Basic static load rating - C ₀	64 kN
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