



MianKang Bearing Co., Ltd.



skf 6410 bearing

Bearing No. 6410

6410 Bearing 2D drawings and 3D CAD models

Size	130x50x31 mm
Bore Diameter	130 mm
Outer Diameter	50 mm
Width	31 mm
d	50 mm
D	130 mm
B	31 mm
d ₁	75.46 mm
D ₁	104.25 mm
r _{1,2} - min.	2.1 mm
d _a - min.	64 mm
D _a - max.	116 mm
r _a - max.	2 mm
Basic dynamic load rating - C	87.1 kN
Basic static load rating - C ₀	52 kN
Fatigue load limit - P _u	2.2 kN
Reference speed	12000 r/min
Limiting speed	7500 r/min
Calculation factor - k _r	0.035
Calculation factor - f ₀	12.2
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.95



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Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	50MM Bore; 130MM Outside Diameter; 31MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	6410
Weight / LBS	4.29
Bore	1.969 Inch 50 Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
Outer Race Width	1.22 Inch 31 Millimeter
bore diameter:	50 mm
static load capacity:	52 kN
outside diameter:	130 mm
precision rating:	ABEC 1 (ISO Class Normal)



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overall width:	31 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	31 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	2 mm
snap ring included:	Without Snap Ring
maximum rpm:	7500 RPM
internal clearance:	C0
series:	64
dynamic load capacity:	87.1 kN
d_1	75.46 mm
D_1	104.25 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	64 mm
D_a max.	116 mm
r_a max.	2 mm
Basic dynamic load rating C	87.1 kN
Basic static load rating C_0	52 kN
Fatigue load limit P_u	2.2 kN
Calculation factor k_r	0.035
Calculation factor f_0	12.2
Mass bearing	1.94 kg