



BEARING DRIVESHAFT, INC.



50 mm x 130 mm x 31 mm 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



BEARING DRIVESHAFT, INC.

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