



Bearing No. 6410

D	130 mm
d	50 mm
B	31 mm
Bore	1.969 Inch 50 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	64
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	130x50x31
Snap Ring	No
Width (mm)	31
bore type:	Round
Weight / LBS	4.29
Mass bearing	1.94 kg
maximum rpm:	7500 RPM
closure type:	Open
D ₁	104.25 mm
d ₁	75.46 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
bore diameter:	50 mm
cage material:	Steel
Keyword String	Ball
fillet radius:	2 mm
overall width:	31 mm
Bearing number	6410

Limiting speed	7500 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	12000 r/min
Outer Race Width	1.22 Inch 31 Millimeter
Manufacturer URL	http://www.skf.com
Outside Diameter	5.118 Inch 130 Millimeter
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
Manufacturer Name	SKF
Weight / Kilogram	1.95
outer ring width:	31 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	130 mm
Internal Clearance	C0-Medium
D _a max.	116 mm
Bore Diameter (mm)	50
d _a min.	64 mm
r _a max.	2 mm
internal clearance:	C0
snap ring included:	Without Snap Ring
Outer Diameter (mm)	130
Minimum Buy Quantity	N/A
r _a - max.	2 mm
D _a - max.	116 mm
d _a - min.	64 mm

r _{1,2} min.	2.1 mm
static load capacity:	52 kN
d ₁ ?	75.46 mm
D ₁ ?	104.25 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	87.1 kN
Harmonized Tariff Code	8482.10.50.68
r _{1,2} - min.	2.1 mm
Manufacturer Item Number	6410
Internal Special Features	No
Basic dynamic load rating C	87.1 kN
Basic dynamic load rating - C	87.1 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P _u	2.2 kN
Calculation factor k _r	0.035
Calculation factor f ₀	12.2
Fatigue load limit - P _u	2.2 kN
Calculation factor - k _r	0.035
Calculation factor - f ₀	12.2
Basic static load rating C ₀	52 kN
Basic static load rating - C ₀	52 kN