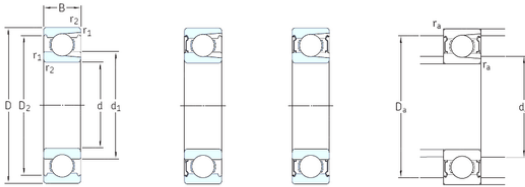




# Huaxin Bearing Co., Ltd



## 60 mm x 130 mm x 31 mm SKF 312 deep groove ball bearings

Bearing No. 312

312 Bearing 2D drawings and 3D CAD models

Size	60x130x31 mm
Bore Diameter	60 mm
Outer Diameter	130 mm
Width	31 mm
d	60 mm
D	130 mm
B	31 mm
C	31 mm
d1	81,8 mm
r1 min.	2,1 mm
r2 min.	2,1 mm
D2	113 mm
da min.	72 mm
da max	81,7 mm
Da max.	118 mm
ra max.	2 mm
Weight	1,85 Kg
Basic dynamic load rating (C)	91,3 kN
Basic static load rating (C0)	78 kN
Fatigue load limit (Pu)	3,35
Reference speed	9500 r/min
Limiting speed	6000 r/min
Category	Single Row Ball Bearings
Inventory	2.0
Manufacturer Name	SKF



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Minimum Buy Quantity	N/A
Weight / Kilogram	1.93
EAN	7316576680564
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	Yes
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	60MM Bore; 130MM Outside Diameter; 31MM Outer Race Diameter; Open; Ball Bearing; ABEC 1   ISO P0; Yes 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	312
Weight / LBS	4.25
Outside Diameter	5.118 Inch   130 Millimeter
Bore	2.362 Inch   60 Millimeter
Outer Race Width	1.22 Inch   31 Millimeter
bore diameter:	60 mm
precision rating:	ABEC 1 (ISO Class Normal)



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outside diameter:	130 mm
finish/coating:	Uncoated
overall width:	31 mm
cage material:	Steel
bore type:	Round
outer ring width:	31 mm
closure type:	Open
fillet radius:	2 mm
row type & fill slot:	Single Row Filling Slot
maximum rpm:	6000 RPM
internal clearance:	C0
series:	31
dynamic load capacity:	91.3 kN
thrust application warning:	This product can not be used in Thrust Applications
static load capacity:	78 kN
$d_1$	81.86 mm
$D_2$	112.2 mm
$r_{1,2}$ min.	2.1 mm
$d_a$ min.	72 mm
$D_a$ max.	118 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	91.3 kN
Basic static load rating $C_0$	78 kN
Fatigue load limit $P_u$	3.35 kN
Calculation factor $k_r$	0.05
Mass bearing	1.85 kg