



BROWNING BEARING COMPANY



60 mm x 130 mm x 31 mm skf 312 bearing

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
Minimum Buy Quantity	N/A



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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	http://www.skf.com
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