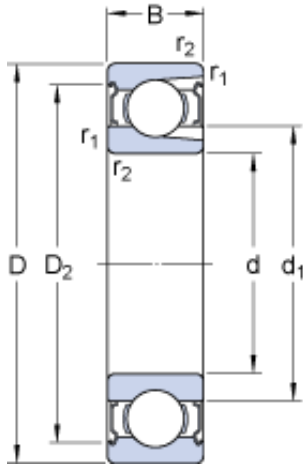




USK BEARING COMPANY



60 mm x 130 mm x 31 mm skf 312-2Z Deep groove ball bearings

Bearing No. 312-2Z

312-2Z Bearing 2D drawings and 3D CAD models

Size	130x60x31 mm
Bore Diameter	130 mm
Outer Diameter	60 mm
Width	31 mm
d	60 mm
D	130 mm
B	31 mm
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.	81.7 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	3.4 kN
Reference speed	9500 r/min
Limiting speed	4800 r/min
Calculation factor - k _r	0.05
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	1.942
EAN	7316577292964
Product Group	B00308
Enclosure	2 Metal Shields
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; 2 Metal Shields; 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 2Z
Weight / LBS	4.25
Bore	2.362 Inch 60 Millimeter
Outer Race Width	1.22 Inch 31 Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
bore diameter:	60 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	130 mm



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finish/coating:	Uncoated
overall width:	31 mm
cage material:	Steel
bore type:	Round
outer ring width:	31 mm
closure type:	Double Shielded
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.	81.7 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