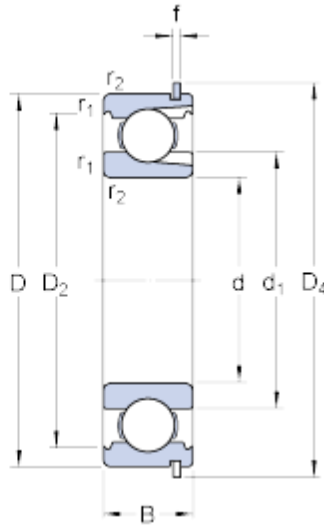
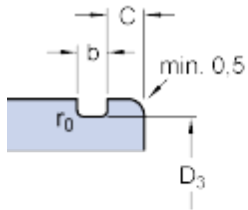




BEARING ITALIA S.P.A



60 mm x 130 mm x 31 mm skf 312 NR Deep groove ball bearings

Bearing No. 312 NR

312 NR 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
D ₃	125.22 mm
D ₄	139.7 mm
b	3.1 mm
C	4.06 mm
f	2.82 mm
r ₀	0.6 mm
r _{1,2} - min.	2.1 mm
d _a - min.	72 mm
D _a - max.	118 mm
D _b - min.	141 mm
b _a - min.	3.5 mm
C _a - max.	6.88 mm
r _a - max.	2 mm
Basic dynamic load rating - C	91.3 kN
Basic static load rating - C ₀	78 kN



BEARING ITALIA S.P.A

Fatigue load limit - P _u	3.4 kN
Reference speed	9500 r/min
Limiting speed	6000 r/min
Calculation factor minimum radial load - k _r	0.05
Mass bearing	1.85 kg
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.9
EAN	7316576680571
Product Group	B00308
Enclosure	Open
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	Yes
Rolling Element	Ball Bearing
Snap Ring	Yes
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; Yes Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing



BEARING ITALIA S.P.A

Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	312 NR
Weight / LBS	4.19
Outer Race Width	1.22 Inch 31 Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
Bore	2.362 Inch 60 Millimeter
bore diameter:	60 mm
static load capacity:	78 kN
outside diameter:	130 mm
precision rating:	ABEC 1 (ISO Class Normal)
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 Filling Slot
fillet radius:	2 mm
snap ring included:	With Snap Ring
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
d_1	81.86 mm
D_2	112.2 mm
D_3	125.22 mm
D_4	139.7 mm
r_0 max.	0.6 mm
$r_{1,2}$ min.	2.1 mm



BEARING ITALIA S.P.A

d_a min.	72 mm
D_a max.	118 mm
D_b min.	141 mm
b_a min.	3.5 mm
C_a max.	6.88 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
Snap ring	SP 130