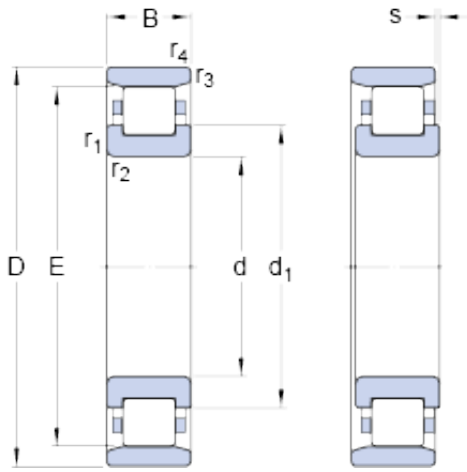




LEDONG Machinery Co., Ltd.



60 mm x 130 mm x 31 mm SKF N 312 ECP thrust ball bearings

Bearing No. N 312 ECP

N 312 ECP 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	84.3 mm
E	115 mm
r _{1,2} - min.	2.1 mm
r _{3,4} - min.	2.1 mm
s	2.1 mm
d _a - min.	72 mm
d _a - max.	113 mm
D _a - min.	118 mm
D _a - max.	119 mm
r _a - max.	2 mm
r _b - max.	2 mm
Basic dynamic load rating - C	173 kN
Basic static load rating - C ₀	160 kN
Fatigue load limit - P _u	21.2 kN
Reference speed	5600 r/min
Limiting speed	6700 r/min
Calculation factor - k _r	0.12



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Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.805
EAN	7316577063984
Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	Outer Ring - Both Sides
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	High Capacity 2 Rib Inner Ring Plain Outer Ring Cage on Inner Ring OD
Long Description	60MM Bore; Straight Bore Profile; 130MM Outside Diameter; 31MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Outer Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium In
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing



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Manufacturer URL	http://www.skf.com
Manufacturer Item Number	N 312 ECP
Weight / LBS	3.975
Width	1.22 Inch 31 Millimeter
Bore	2.362 Inch 60 Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
bore diameter:	60 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	130 mm
maximum rpm:	6700 RPM
overall width:	31 mm
bearing material:	Steel
flanges:	(2) Inner Ring
cage material:	Polyamide
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	C0
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
ring separation:	Separable Ring
outer ring width:	31 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	2 mm
dynamic load capacity:	173 kN
series:	N3
static load capacity:	160 kN
d ₁	84.3 mm
r _{1,2} min.	2.1 mm



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$r_{3,4}$ min.	2.1 mm
s max.	2.1 mm
d_a min.	72 mm
d_a max.	113 mm
D_a min.	118 mm
D_a max.	119 mm
r_a max.	2 mm
r_b max.	2 mm
Basic dynamic load rating C	173 kN
Basic static load rating C_0	160 kN
Fatigue load limit P_u	21.2 kN
Calculation factor k_r	0.12
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	1.76 kg