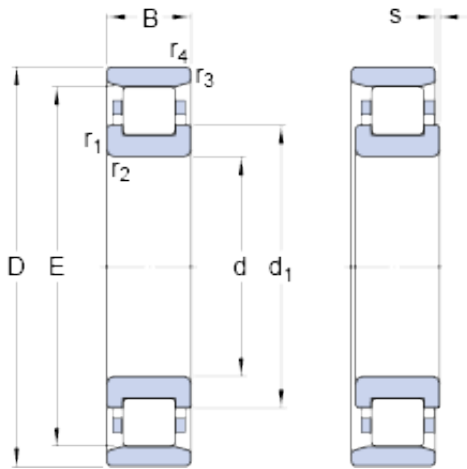




LEDONG Machinery Co., Ltd.



70 mm x 150 mm x 35 mm SKF N 314 ECP thrust ball bearings

Bearing No. N 314 ECP

N 314 ECP Bearing 2D drawings and 3D CAD models

Size	150x70x35 mm
Bore Diameter	150 mm
Outer Diameter	70 mm
Width	35 mm
d	70 mm
D	150 mm
B	35 mm
d ₁	97.3 mm
E	133 mm
r _{1,2} - min.	2.1 mm
r _{3,4} - min.	2.1 mm
s	1.8 mm
d _a - min.	82 mm
d _a - max.	130 mm
D _a - min.	136 mm
D _a - max.	138 mm
r _a - max.	2 mm
r _b - max.	2 mm
Basic dynamic load rating - C	236 kN
Basic static load rating - C ₀	228 kN
Fatigue load limit - P _u	29 kN
Reference speed	4800 r/min
Limiting speed	5600 r/min
Calculation factor - k _r	0.12



LEDONG Machinery Co., Ltd.

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.719
EAN	7316577109453
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	70MM Bore; Straight Bore Profile; 150MM Outside Diameter; 35MM 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



LEDONG Machinery Co., Ltd.

Manufacturer URL	http://www.skf.com
Manufacturer Item Number	N 314 ECP
Weight / LBS	5.988
Width	1.378 Inch 35 Millimeter
Outside Diameter	5.906 Inch 150 Millimeter
Bore	2.756 Inch 70 Millimeter
bore diameter:	70 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	150 mm
maximum rpm:	5600 RPM
overall width:	35 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:	35 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	2 mm
dynamic load capacity:	236 kN
series:	N3
static load capacity:	228 kN
d ₁	97.3 mm
r _{1,2} min.	2.1 mm



LEDONG Machinery Co., Ltd.

$r_{3,4}$ min.	2.1 mm
s max.	1.8 mm
d_a min.	82 mm
d_a max.	130 mm
D_a min.	136 mm
D_a max.	138 mm
r_a max.	2 mm
r_b max.	2 mm
Basic dynamic load rating C	236 kN
Basic static load rating C_0	228 kN
Fatigue load limit P_u	29 kN
Calculation factor k_r	0.12
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	2.67 kg