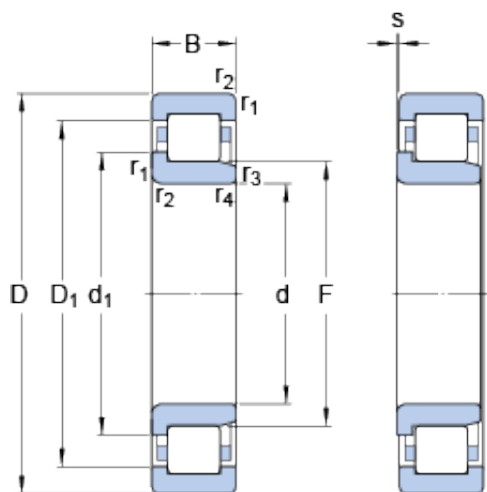




Bearing No. NJ 2314 ECP

F	89 mm
s	4.8 mm
d	70 mm
D	150 mm
B	51 mm
Noun	Bearing
Bore	2.756 Inch 70 Millimeter
Width	2.008 Inch 51 Millimeter
s max.	4.8 mm
UNSPSC	31171547
Profile	Complete with Outer and Inner Ring
series:	NJ23
flanges:	(2) Outer Ring, (1) Inner Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Separable	Inner Ring - One Side
Size (mm)	150x70x51
Inventory	0.0
Snap Ring	No
Width (mm)	51
bore type:	Straight
Bore Profile	Straight
Mass bearing	4.02 kg
Weight / LBS	9.027
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools

maximum rpm:	5600 RPM
closure type:	Open
Product Group	B04144
Cage Material	Polymer
Inch - Metric	Metric
D ₁	125.6 mm
d ₁	97.3 mm
bore diameter:	70 mm
overall width:	51 mm
cage material:	Polyamide
Other Features	High Capacity 1 Rib Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
fillet radius:	2 mm
Relubricatable	Yes
Bearing number	NJ 2314 ECP
Limiting speed	5600 r/min
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
number of rows:	1
finish/coating:	Uncoated
Reference speed	4800 r/min
Manufacturer URL	http://www.skf.com
Outside Diameter	5.906 Inch 150 Millimeter
Long Description	70MM Bore; Straight Bore Profile; 150MM Outside Diameter; 51MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable;

	C0-Medium Inte
Limiting value e	0.3
ring separation:	Separable Ring
precision rating:	RBEC 1 (ISO Class Normal)
bearing material:	Steel
outer ring width:	51 mm
Weight / Kilogram	4.098
Manufacturer Name	SKF
outside diameter:	150 mm
Bore Diameter (mm)	150
Internal Clearance	C0-Medium
d _a min.	82 mm
d _a max.	86 mm
D _a max.	137.5 mm
r _a max.	2 mm
d _b min.	100 mm
Outer Diameter (mm)	70
Axial load factor Y	0.4
internal clearance:	C0
r _{3,4} min.	2.1 mm
r _{1,2} min.	2.1 mm
d _a - min.	82 mm
D _a - max.	137.5 mm
Minimum Buy Quantity	N/A
r _a - max.	2 mm
d _a - max.	86 mm
d _b - min.	100 mm
static load capacity:	325 kN
d ₁ ?	97.3 mm
D ₁ ?	125.6 mm
r _{3,4} - min.	2.1 mm
Harmonized Tariff Code	8482.50.00.00

$r_{1,2}$ - min.	2.1 mm
dynamic load capacity:	315 kN
Manufacturer Item Number	NJ 2314 ECP
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	315 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	315 kN
Fatigue load limit P_u	41.5 kN
Calculation factor k_r	0.25
Fatigue load limit - P_u	41.5 kN
Calculation factor - k_r	0.25
Basic static load rating C_0	325 kN
Basic static load rating - C_0	325 kN