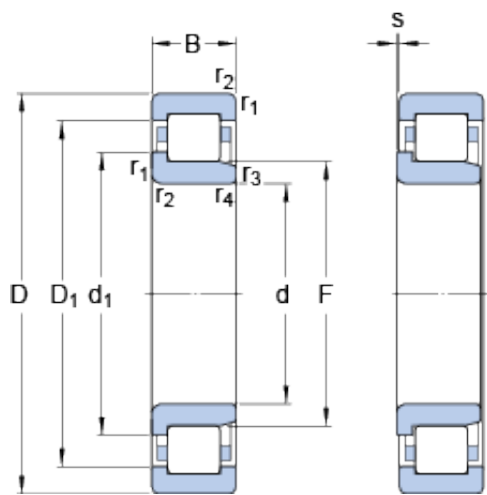




Bearing No. NJ 2316 ECP

F	101 mm
s	5.1 mm
d	80 mm
D	170 mm
B	58 mm
Noun	Bearing
Bore	3.15 Inch 80 Millimeter
Width	2.283 Inch 58 Millimeter
s max.	5.1 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)	170x80x58
Inventory	0.0
Snap Ring	No
Width (mm)	58
bore type:	Straight
Bore Profile	Straight
Mass bearing	5.97 kg
Weight / LBS	13.325
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
maximum rpm:	5000 RPM

closure type:	Open
Product Group	B04144
Cage Material	Polymer
Inch - Metric	Metric
D ₁	142.7 mm
d ₁	110 mm
bore diameter:	80 mm
overall width:	58 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 2316 ECP
Limiting speed	5000 r/min
Reference speed	4300 r/min
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
number of rows:	1
finish/coating:	Uncoated
Manufacturer URL	http://www.skf.com
Long Description	80MM Bore; Straight Bore Profile; 170MM Outside Diameter; 58MM 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

Outside Diameter	6.693 Inch 170 Millimeter
precision rating:	RBEC 1 (ISO Class Normal)
bearing material:	Steel
outer ring width:	58 mm
Weight / Kilogram	6.05
Manufacturer Name	SKF
outside diameter:	170 mm
Bore Diameter (mm)	170
Internal Clearance	C0-Medium
d _a min.	92 mm
d _a max.	98 mm
D _a max.	157.8 mm
r _a max.	2 mm
d _b min.	113 mm
Outer Diameter (mm)	80
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.	92 mm
D _a - max.	157.8 mm
Minimum Buy Quantity	N/A
r _a - max.	2 mm
d _a - max.	98 mm
d _b - min.	113 mm
static load capacity:	440 kN
d ₁ ?	110 mm
D ₁ ?	142.8 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:	415 kN
Manufacturer Item Number	NJ 2316 ECP
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	415 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	415 kN
Fatigue load limit P_u	55 kN
Calculation factor k_r	0.25
Fatigue load limit - P_u	55 kN
Calculation factor - k_r	0.25
Basic static load rating C_0	440 kN
Basic static load rating - C_0	440 kN