



Bearing No. NJ 2308 ECP

F	52 mm
s	2.9 mm
d	40 mm
D	90 mm
B	33 mm
Bore	1.575 Inch 40 Millimeter
Noun	Bearing
Width	1.299 Inch 33 Millimeter
s max.	2.9 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)	90x40x33
Inventory	0.0
Snap Ring	No
Width (mm)	33
bore type:	Straight
Bore Profile	Straight
Mass bearing	0.95 kg
Weight / LBS	2.145
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools

maximum rpm:	9500 RPM
closure type:	Open
Product Group	B04144
Cage Material	Polymer
Inch - Metric	Metric
D ₁	75 mm
d ₁	57.5 mm
bore diameter:	40 mm
overall width:	33 mm
cage material:	Polyamide
Other Features	High Capacity 1 Rib Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
fillet radius:	1.5 mm
Relubricatable	Yes
Bearing number	NJ 2308 ECP
Limiting speed	9500 r/min
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
number of rows:	1
finish/coating:	Uncoated
Reference speed	8000 r/min
Outside Diameter	3.543 Inch 90 Millimeter
ring separation:	Separable Ring
Long Description	40MM Bore; Straight Bore Profile; 90MM Outside Diameter; 33MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable;

	C0-Medium Inter
Limiting value e	0.3
Manufacturer URL	http://www.skf.com
bearing material:	Steel
outside diameter:	90 mm
precision rating:	RBEC 1 (ISO Class Normal)
outer ring width:	33 mm
Weight / Kilogram	0.974
Manufacturer Name	SKF
d_a max.	50 mm
d_b min.	60 mm
D_a max.	81.8 mm
d_a min.	48 mm
Bore Diameter (mm)	90
r_a max.	1.5 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	40
Axial load factor Y	0.4
internal clearance:	C0
$r_{3,4}$ min.	1.5 mm
$r_{1,2}$ min.	1.5 mm
d_a - min.	48 mm
D_a - max.	81.8 mm
Minimum Buy Quantity	N/A
r_a - max.	1.5 mm
d_a - max.	50 mm
d_b - min.	60 mm
static load capacity:	120 kN
d_1 ?	57.5 mm
D_1 ?	75 mm
$r_{3,4}$ - min.	1.5 mm
Harmonized Tariff Code	8482.50.00.00

$r_{1,2}$ - min.	1.5 mm
dynamic load capacity:	129 kN
Manufacturer Item Number	NJ 2308 ECP
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	129 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	129 kN
Fatigue load limit P_u	15.3 kN
Calculation factor k_r	0.25
Fatigue load limit - P_u	15.3 kN
Calculation factor - k_r	0.25
Basic static load rating C_0	120 kN
Basic static load rating - C_0	120 kN