



Bearing No. NJ 2308 ECJ

F	52 mm
d	40 mm
D	90 mm
B	33 mm
s	2.9 mm
Bore	1.575 Inch   40 Millimeter
Noun	Bearing
Width	1.299 Inch   33 Millimeter
UNSPSC	31171547
s max.	2.9 mm
Profile	Complete with Outer and Inner Ring
series:	NJ23
flanges:	(2) Outer Ring, (1) Inner Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Inventory	0.0
Snap Ring	No
Separable	Inner Ring - One Side
Size (mm)	90x40x33
bore type:	Straight
Width (mm)	33
Bore Profile	Straight
Mass bearing	1.01 kg
Weight / LBS	2.275
maximum rpm:	9500 RPM
closure type:	Open
Inch - Metric	Metric

Product Group	B04144
D <sub>1</sub>	75 mm
Cage Material	Steel
d <sub>1</sub>	57.5 mm
bore diameter:	40 mm
Relubricatable	Yes
fillet radius:	1.5 mm
overall width:	33 mm
Bearing number	NJ 2308 ECJ
Other Features	High Capacity   1 Rib Inner Ring   2 Rib Outer Ring   Cage on Outer Ring ID
Limiting speed	9500 r/min
number of rows:	1
Reference speed	8000 r/min
Rolling Element	Cylindrical Roller Bearing
finish/coating:	Uncoated
Precision Class	RBEC 1   ISO P0
Long Description	40MM Bore; Straight Bore Profile; 90MM Outside Diameter; 33MM Width; Steel Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Interna
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Limiting value e	0.3
Outside Diameter	3.543 Inch   90 Millimeter
outer ring width:	33 mm
Manufacturer Name	SKF

Weight / Kilogram	1.033
precision rating:	Not Rated
outside diameter:	90 mm
Bore Diameter (mm)	90
Internal Clearance	C0-Medium
$d_a$ max.	50 mm
$d_b$ min.	60 mm
$D_a$ max.	81.8 mm
$r_a$ max.	1.5 mm
$d_a$ min.	48 mm
Axial load factor Y	0.4
Outer Diameter (mm)	40
internal clearance:	C0
$r_{3,4}$ min.	1.5 mm
$r_{1,2}$ min.	1.5 mm
Minimum Buy Quantity	N/A
$r_a$ - max.	1.5 mm
$D_a$ - max.	81.8 mm
$d_a$ - min.	48 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
Harmonized Tariff Code	8482.50.00.00
$r_{3,4}$ - min.	1.5 mm
$r_{1,2}$ - min.	1.5 mm
dynamic load capacity:	129 kN
Manufacturer Item Number	NJ 2308 ECJ
Number of Rows of Rollers	Single Row
Basic dynamic load	129 kN

rating C	
Basic dynamic load rating - C	129 kN
Fatigue load limit $P_u$	15.3 kN
Calculation factor $k_f$	0.25
Fatigue load limit - $P_u$	15.3 kN
Calculation factor - $k_f$	0.25
Basic static load rating $C_0$	120 kN
Basic static load rating - $C_0$	120 kN