



**Bearing No. NJ 2315 ECP**

F	95 mm
s	4.8 mm
d	75 mm
D	160 mm
B	55 mm
Noun	Bearing
Bore	2.953 Inch   75 Millimeter
Width	2.165 Inch   55 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)	160x75x55
Inventory	0.0
Snap Ring	No
Width (mm)	55
bore type:	Straight
Bore Profile	Straight
Mass bearing	5.02 kg
Weight / LBS	11.254
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools

maximum rpm:	5300 RPM
closure type:	Open
Product Group	B04144
Cage Material	Polymer
Inch - Metric	Metric
D <sub>1</sub>	135 mm
d <sub>1</sub>	104 mm
bore diameter:	75 mm
overall width:	55 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 2315 ECP
Limiting speed	5300 r/min
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1   ISO P0
number of rows:	1
finish/coating:	Uncoated
Reference speed	4500 r/min
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outside Diameter	6.299 Inch   160 Millimeter
Long Description	75MM Bore; Straight Bore Profile; 160MM Outside Diameter; 55MM 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:	55 mm
Weight / Kilogram	5.109
Manufacturer Name	SKF
outside diameter:	160 mm
Bore Diameter (mm)	160
Internal Clearance	C0-Medium
$d_a$ min.	87 mm
$d_a$ max.	92 mm
$D_a$ max.	148 mm
$r_a$ max.	2 mm
$d_b$ min.	107 mm
Outer Diameter (mm)	75
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.	87 mm
$D_a$ - max.	148 mm
Minimum Buy Quantity	N/A
$r_a$ - max.	2 mm
$d_a$ - max.	92 mm
$d_b$ - min.	107 mm
static load capacity:	400 kN
$d_1$ ?	104 mm
$D_1$ ?	135 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:	380 kN
Manufacturer Item Number	NJ 2315 ECP
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	380 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	380 kN
Fatigue load limit $P_u$	50 kN
Calculation factor $k_r$	0.25
Fatigue load limit - $P_u$	50 kN
Calculation factor - $k_r$	0.25
Basic static load rating $C_0$	400 kN
Basic static load rating - $C_0$	400 kN