



Bearing No. NJ 2207 ECP

F	44 mm
s	2.8 mm
d	35 mm
D	72 mm
B	23 mm
Bore	1.378 Inch 35 Millimeter
Noun	Bearing
Width	0.906 Inch 23 Millimeter
s max.	2.8 mm
UNSPSC	31171547
Profile	Complete with Outer and Inner Ring
series:	NJ22
flanges:	(2) Outer Ring, (1) Inner Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Separable	Inner Ring - One Side
Size (mm)	72x35x23
Inventory	0.0
Snap Ring	No
Width (mm)	23
bore type:	Straight
Bore Profile	Straight
Mass bearing	0.41 kg
Weight / LBS	0.937
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools

maximum rpm:	12000 RPM
closure type:	Open
Product Group	B04144
Cage Material	Polymer
Inch - Metric	Metric
D ₁	60.2 mm
d ₁	48.1 mm
bore diameter:	35 mm
overall width:	23 mm
cage material:	Polyamide
Other Features	High Capacity 1 Rib Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
fillet radius:	1 mm
Relubricatable	Yes
Bearing number	NJ 2207 ECP
Limiting speed	12000 r/min
Reference speed	11000 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	35MM Bore; Straight Bore Profile; 72MM Outside Diameter; 23MM 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

ring separation:	Separable Ring
Outside Diameter	2.835 Inch 72 Millimeter
precision rating:	RBEC 1 (ISO Class Normal)
bearing material:	Steel
outer ring width:	23 mm
Weight / Kilogram	0.425
Manufacturer Name	SKF
outside diameter:	72 mm
Bore Diameter (mm)	72
Internal Clearance	C0-Medium
d_a min.	41.8 mm
d_a max.	42.2 mm
D_a max.	65.1 mm
r_a max.	1 mm
d_b min.	50 mm
Outer Diameter (mm)	35
Axial load factor Y	0.4
internal clearance:	C0
$r_{3,4}$ min.	0.6 mm
$r_{1,2}$ min.	1.1 mm
d_a - min.	41.8 mm
D_a - max.	65.1 mm
Minimum Buy Quantity	N/A
r_a - max.	1 mm
d_a - max.	42.2 mm
d_b - min.	50 mm
static load capacity:	63 kN
d_1 ?	48.1 mm
D_1 ?	60.2 mm
$r_{3,4}$ - min.	1.1 mm
Harmonized Tariff Code	8482.50.00.00

r _{1,2} - min.	1.1 mm
dynamic load capacity:	69.5 kN
Manufacturer Item Number	NJ 2207 ECP
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	69.5 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	69.5 kN
Fatigue load limit P _u	8.15 kN
Calculation factor k _r	0.2
Fatigue load limit - P _u	8.2 kN
Calculation factor - k _r	0.2
Basic static load rating C ₀	63 kN
Basic static load rating - C ₀	63 kN