



KOYO BEARING LIMITED



NJ 408 Bearing 2D drawings and 3D CAD models

40 mm x 110 mm x 27 mm SKF NJ 408 Cylindrical Roller Bearings

Bearing No. NJ 408

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	1.343
EAN	7316577012371
Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	Inner Ring - One Side
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	1 Rib Inner Ring 2 Rib Outer Ring Cage On Outer Ring ID
Long Description	40MM Bore; Straight Bore Profile; 110MM Outside Diameter; 27MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single



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	Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Inte
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	NJ 408
Weight / LBS	2.959
D	4.331 Inch 110 Millimeter
B	1.063 Inch 27 Millimeter
d	1.575 Inch 40 Millimeter
bore diameter:	40 mm
static load capacity:	90 kN
outside diameter:	110 mm
precision rating:	RBEC 1 (ISO Class Normal)
overall width:	27 mm
maximum rpm:	8500 RPM
flanges:	(2) Outer Ring, (1) Inner Ring
cage material:	Steel
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	C0
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
ring separation:	Separable Ring
outer ring width:	27 mm



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operating temperature range:	Maximum of +300 ° F
fillet radius:	2 mm
dynamic load capacity:	96.8 kN
series:	NJ4
d	40 mm
D	110 mm
B	27 mm
d ₁	64.8 mm
D ₁	85.3 mm
F	58 mm
r _{1,2} min.	2 mm
r _{3,4} min.	2 mm
s max.	2.5 mm
d _a min.	52 mm
d _a max.	56 mm
d _b min.	67 mm
D _a max.	99 mm
r _a max.	2 mm
Basic dynamic load rating C	96.8 kN
Basic static load rating C ₀	90 kN
Fatigue load limit P _u	11.6 kN
Reference speed	7000 r/min
Limiting speed	8500 r/min
Calculation factor k _r	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	1.31 kg