



SKF NJ 2313 ECP thrust ball bearings

Bearing No. NJ 2313 ECP

Size	140x65x48 mm
Bore Diameter	140 mm
Outer Diameter	65 mm
Width	48 mm
d	65 mm
D	140 mm
B	48 mm
d ₁	90.5 mm
D ₁	117.4 mm
F	82.5 mm
r _{1,2} - min.	2.1 mm
r _{3,4} - min.	2.1 mm
s	4.7 mm
d _a - min.	77 mm
d _a - max.	80 mm
d _b - min.	93 mm
D _a - max.	127.8 mm
r _a - max.	2 mm
Basic dynamic load rating - C	285 kN
Basic static load rating - C ₀	290 kN
Fatigue load limit - P _u	38 kN
Reference speed	5300 r/min
Limiting speed	6000 r/min
Calculation factor - k _r	0.25
Category	Cylindrical Roller Bearings

NJ 2313 ECP Bearing 2D drawings and 3D CAD models



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Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	3.427
EAN	7316577031631
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	High Capacity 1 Rib Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
Long Description	65MM Bore; Straight Bore Profile; 140MM Outside Diameter; 48MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single 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



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Manufacturer Item Number	NJ 2313 ECP
Weight / LBS	7.549
Bore	2.559 Inch 65 Millimeter
Outside Diameter	5.512 Inch 140 Millimeter
Width	1.89 Inch 48 Millimeter
bore diameter:	65 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	140 mm
maximum rpm:	6000 RPM
overall width:	48 mm
bearing material:	Steel
flanges:	(2) Outer Ring, (1) Inner Ring
cage material:	Polyamide
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:	48 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	2 mm
dynamic load capacity:	285 kN
series:	NJ23
static load capacity:	290 kN
d ₁	90.5 mm
D ₁	117.4 mm
r _{1,2} min.	2.1 mm



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$r_{3,4}$ min.	2.1 mm
s max.	4.7 mm
d_a min.	77 mm
d_a max.	80 mm
d_b min.	93 mm
D_a max.	127.8 mm
r_a max.	2 mm
Basic dynamic load rating C	285 kN
Basic static load rating C_0	290 kN
Fatigue load limit P_u	38 kN
Calculation factor k_r	0.25
Limiting value e	0.3
Axial load factor Y	0.4
Mass bearing	3.36 kg