



95 mm x 200 mm x 45 mm SKF N 319 ECP thrust ball bearings

Bearing No. N 319 ECP

N 319 ECP Bearing 2D drawings and 3D CAD models

Size	200x95x45 mm
Bore Diameter	200 mm
Outer Diameter	95 mm
Width	45 mm
d	95 mm
D	200 mm
B	45 mm
d ₁	132 mm
E	177.5 mm
r _{1,2} - min.	3 mm
r _{3,4} - min.	3 mm
s	2.9 mm
d _a - min.	110 mm
d _a - max.	174 mm
D _a - min.	181 mm
D _a - max.	185 mm
r _a - max.	2.5 mm
r _b - max.	2.5 mm
Basic dynamic load rating - C	390 kN
Basic static load rating - C ₀	390 kN
Fatigue load limit - P _u	46.5 kN
Reference speed	3600 r/min
Limiting speed	4300 r/min
Calculation factor - k _r	0.12



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Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	6.294
EAN	7316577109651
Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	Outer Ring - Both Sides
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 2 Rib Inner Ring Plain Outer Ring Cage on Inner Ring OD
Long Description	95MM Bore; Straight Bore Profile; 200MM Outside Diameter; 45MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Outer Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium In
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing



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Manufacturer URL	http://www.skf.com
Manufacturer Item Number	N 319 ECP
Weight / LBS	13.863
Outside Diameter	7.874 Inch 200 Millimeter
Width	1.772 Inch 45 Millimeter
Bore	3.74 Inch 95 Millimeter
bore diameter:	95 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	200 mm
maximum rpm:	4300 RPM
overall width:	45 mm
bearing material:	Steel
flanges:	(2) 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:	45 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	2.5 mm
dynamic load capacity:	390 kN
series:	N3
static load capacity:	390 kN
d ₁	132 mm
r _{1,2} min.	3 mm

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$r_{3,4}$ min.	3 mm
s max.	2.9 mm
d_a min.	110 mm
d_a max.	174 mm
D_a min.	181 mm
D_a max.	185 mm
r_a max.	2.5 mm
r_b max.	2.5 mm
Basic dynamic load rating C	390 kN
Basic static load rating C_0	390 kN
Fatigue load limit P_u	46.5 kN
Calculation factor k_r	0.12
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	6.23 kg