



SKF NJ 207 ECJ deep groove ball bearings

Bearing No. NJ 207 ECJ

Size	72x35x17 mm
Bore Diameter	72 mm
Outer Diameter	35 mm
Width	17 mm
d	35 mm
D	72 mm
B	17 mm
d ₁	48.1 mm
D ₁	60.2 mm
F	44 mm
r _{1,2} - min.	1.1 mm
r _{3,4} - min.	1 mm
s	1.3 mm
d _a - min.	41.8 mm
d _a - max.	42.2 mm
d _b - min.	50 mm
D _a - max.	65.1 mm
r _a - max.	1 mm
Basic dynamic load rating - C	56 kN
Basic static load rating - C ₀	48 kN
Fatigue load limit - P _u	6.1 kN
Reference speed	11000 r/min
Limiting speed	12000 r/min
Calculation factor - k _r	0.15
Category	Cylindrical Roller Bearings

NJ 207 ECJ Bearing 2D drawings and 3D CAD models



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Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.32
EAN	7316577034762
Product Group	B04144
Bore Profile	Straight
Cage Material	Steel
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	35MM Bore; Straight Bore Profile; 72MM Outside Diameter; 17MM Width; Steel Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Intern
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 207 ECJ
Weight / LBS	0.705
Outside Diameter	2.835 Inch 72 Millimeter
Bore	1.378 Inch 35 Millimeter
Width	0.669 Inch 17 Millimeter
bore diameter:	35 mm
static load capacity:	48 kN
outside diameter:	72 mm
precision rating:	Not Rated
overall width:	17 mm
maximum rpm:	12000 RPM
flanges:	(2) Outer Ring, (1) Inner Ring
bearing material:	Steel
bore type:	Straight
cage material:	Steel
number of rows:	1
finish/coating:	Uncoated
internal clearance:	C0
closure type:	Open
ring separation:	Separable Ring
outer ring width:	17 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	1 mm
dynamic load capacity:	56 kN
series:	NJ2
d_1	48.1 mm
D_1	60.2 mm
$r_{1,2}$ min.	1.1 mm
$r_{3,4}$ min.	0.6 mm
s max.	1.3 mm
d_a min.	41.8 mm



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d_a max.	42.2 mm
d_b min.	50 mm
D_a max.	65.1 mm
r_a max.	1 mm
Basic dynamic load rating C	56 kN
Basic static load rating C_0	48 kN
Fatigue load limit P_u	6.1 kN
Calculation factor k_r	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.31 kg
Angle ring	HJ 207 EC