

NSK 2LLRJ33 cylindrical roller bearings

Our highly-skilled and factory-trained service experts 180x85x41 Size (mm) have 180 Bore Diameter (mm) the resources to help you with all your NSK 2LLRJ33 cylindrical roller bearings needs – including routine maintenance, major repairs, warranty service, and equipment inspections.

Size (mm)	180x85x41
Bore Diameter (mm)	180
Outer Diameter (mm)	85
Width (mm)	41
d	85 mm
D	180 mm
B	41 mm
d1	117 mm
D1	151.4 mm
F	108 mm
r1,2 – min.	3 mm
r3,4 – min.	3 mm
s	2.3 mm
da – min.	99 mm
da – max.	105 mm
db – min.	120 mm
Da – max.	165.5 mm
ra – max.	2.5 mm
Basic dynamic load rating – C	340 kN
Basic static load rating – C0	335 kN

Fatigue load limit – Pu	41.5 kN
Reference speed	4000 r/min
Limiting speed	4800 r/min
Calculation factor – kr	0.15
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	4.739
EAN	7316577034120
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	85MM Bore; Straight Bore Profile; 180MM Outside Diameter; 41MM Width; Polymer Cage Material; RBEC 1

UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer Item Number	NJ 317 ECP
Weight / LBS	10.438
Outside Diameter	7.087 Inch 180 Millimeter
Width	1.614 Inch 41 Millimeter
Bore	3.346 Inch 85 Millimeter
bore diameter:	85 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	180 mm
maximum rpm:	4800 RPM
overall width:	41 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:	41 mm
operating temperature range:	Maximum of +300 °F
fillet radius:	2.5 mm
dynamic load capacity:	340 kN
series:	NJ3

static load capacity:	335 kN
d1 ≈	117 mm
D1 ≈	151.4 mm
r1,2 min.	3 mm
r3,4 min.	3 mm
s max.	2.3 mm
da min.	99 mm
da max.	105 mm
db min.	120 mm
Da max.	165.5 mm
ra max.	2.5 mm
Basic dynamic load rating C	340 kN
Basic static load rating C0	335 kN
Fatigue load limit Pu	41.5 kN
Calculation factor kr	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	4.78 kg
Angle ring	HJ 317 EC