



85 mm x 180 mm x 41 mm NTN NJ317 cylindrical roller bearings

Bearing No. NJ317

NJ317 Bearing 2D drawings and 3D CAD models

Size	85x180x41 mm
Bore Diameter	85 mm
Outer Diameter	180 mm
Width	41 mm
d	85 mm
Fw	108 mm
D	180 mm
B	41 mm
C	41 mm
r min.	3 mm
r1 min.	3 mm
J	117,5 mm
Weight	4,54 Kg
Basic dynamic load rating (C)	212 kN
Basic static load rating (C0)	228 kN
(Grease) Lubrication Speed	3 900 r/min
E	156 mm
F	108 mm
d1	117.5 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	CN
Mass (without HJ ring)	4.54 kg
Dynamic load, C	212 kN
Static load, C0	228 kN



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Fatigue limit load, Cu	25.6 kN
Nlim (oil)	4,600 rpm
Nlim (grease)	3,900 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
da min	98 mm
da max	106 mm
dc min	119 mm
Da max	167 mm
ra max	2.5 mm
Category	Roller Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	4.54
Product Group	B04144
bore diameter:	85 mm
static load capacity:	228000 N
outside diameter:	180 mm
precision rating:	ISO Class 0
overall width:	41 mm
maximum rpm:	4600 rpm
flanges:	(2) Outer Ring, (1) Inner Ring
bearing material:	Hardened Alloy Steel
bore type:	Straight
cage material:	Pressed Steel
number of rows:	1
finish/coating:	Uncoated
internal clearance:	CN
closure type:	Open



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operating temperature range:	-40 to 120 ° C
fillet radius:	2.5 mm
dynamic load capacity:	212000 N
manufacturer product page:	Click here