



70 mm x 180 mm x 42 mm NTN NJ414  
cylindrical roller bearings

Bearing No. NJ414

NJ414 Bearing 2D drawings and 3D CAD models

Size	70x180x42 mm
Bore Diameter	70 mm
Outer Diameter	180 mm
Width	42 mm
d	70 mm
Fw	100 mm
D	180 mm
B	42 mm
C	42 mm
r min.	3 mm
r1 min.	3 mm
J	110,5 mm
Weight	5,24 Kg
Basic dynamic load rating (C)	228 kN
Basic static load rating (C0)	236 kN
(Grease) Lubrication Speed	3 400 r/min
E	152 mm
F	100 mm
d1	110.5 mm
rs min	3 mm
r1s min	3 mm
Radial clearance class	CN
Mass (without HJ ring)	5.33 kg
Dynamic load, C	228 kN
Static load, C0	236 kN



## Shanghai Ruonan-Power Co., Ltd.

Fatigue limit load, Cu	26.9 kN
Nlim (oil)	4,000 rpm
Nlim (grease)	3,400 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic rolling element frequency, BSF	4.64 Hz
Characteristic outer ring frequency, BPF0	4.36 Hz
Characteristic inner ring frequency, BRFI	6.64 Hz
da min	83 mm
da max	99 mm
dc min	112 mm
Da max	167 mm
ra max	2.5 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	5.33
Product Group	B04144