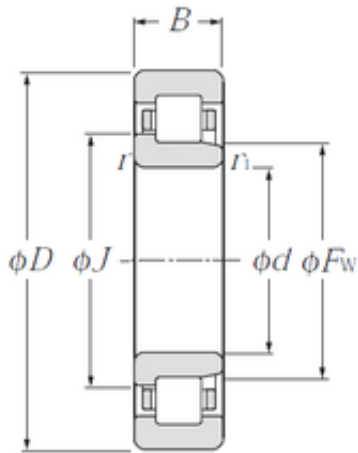




SNR self aligning ball bearings LTD.



105 mm x 190 mm x 36 mm NTN NJ221
cylindrical roller bearings

Bearing No. NJ221

NJ221 Bearing 2D drawings and 3D CAD models

Size	105x190x36 mm
Bore Diameter	105 mm
Outer Diameter	190 mm
Width	36 mm
d	105 mm
Fw	126,8 mm
D	190 mm
B	36 mm
C	36 mm
r min.	2,1 mm
r1 min.	2,1 mm
J	135 mm
Weight	3,95 Kg
Basic dynamic load rating (C)	201 kN
Basic static load rating (C0)	241 kN
(Grease) Lubrication Speed	3 600 r/min
E	168.8 mm
F	126.8 mm
d1	135 mm
rs min	2.1 mm
r1s min	2.1 mm
Radial clearance class	CN
Mass (without HJ ring)	4.6 kg
Dynamic load, C	201 kN
Static load, C0	241 kN



SNR self aligning ball bearings LTD.

Fatigue limit load, Cu	26.2 kN
Nlim (oil)	4,300 rpm
Nlim (grease)	3,600 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.9 Hz
Characteristic outer ring frequency, BPF0	6.86 Hz
Characteristic inner ring frequency, BRFI	9.14 Hz
da min	116 mm
da max	124 mm
dc min	137 mm
Da max	179 mm
ra max	2 mm
Category	Bearings
Inventory	0.0
Manufacturer Name	NTN
Minimum Buy Quantity	N/A
Weight / Kilogram	4.1
Product Group	B04144