



Derlory World Bearing Parts Pvt. Ltd

55 mm x 100 mm x 25 mm Radial clearance class
NTN N2211C4 Single row cylindrical roller
bearings

Bearing No. N2211C4

d	55 mm
D	100 mm
B	25 mm
E	88.5 mm
F	66.5 mm
d1	70.8 mm
rs min	1.5 mm
r1s min	1.1 mm
Radial clearance class	C4
Mass (without HJ ring)	0.76 kg
Dynamic load, C	75.5 kN
Static load, C0	87 kN
Fatigue limit load, Cu	10.6 kN
Nlim (oil)	7,400 rpm
Nlim (grease)	6,300 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	6.44 Hz
Characteristic inner ring	8.56 Hz

N2211C4 Bearing 2D drawings and 3D CAD models



Derlory World Bearing Parts Pvt. Ltd

frequency, BPFI	
da min	63 mm
Da max	93.5 mm
Db min	90 mm
Dc max	87 mm
ra max	1.5 mm
r1a max	1 mm