



## NTN Bearing Rolamentos do Brasil Ltda.

55 mm x 90 mm x 18 mm SNR 6011.HVZZ  
Single row deep groove ball bearings

Bearing No. 6011.HVZZ

d	55 mm
D	90 mm
B	18 mm
d1	65.7 mm
D1	81.5 mm
rs min	1.1 mm
Radial clearance class	C3
Mass	0.39 kg
Dynamic load, C	27.5 kN
Static load, C0	21.3 kN
Fatigue limit load, Cu	0.97 kN
f0	15.4
Nref	8,300 rpm
Nlim	11,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.88 Hz
Characteristic outer ring frequency, BPF0	5.58 Hz
Characteristic inner ring frequency, BPF1	7.42 Hz
da min	61.5 mm

6011.HVZZ Bearing 2D drawings and 3D CAD models



## NTN Bearing Rolamentos do Brasil Ltda.

da max	65.7 mm
Da max	83.5 mm
ra max	1 mm