



Bearing No. 89311

D	105,000 mm
d	55,000 mm
T	30,000 mm
Ca	158 kN
Dc	105 mm
Eb	63.9 mm
Ea	100.3 mm
Lw	9 mm
Dw	9 mm
D1	57 mm
d1	105 mm
Dc1	55 mm
C0a	570 kN
Mass	1.27 kg
rs min	1.1 mm
Db max	64 mm
da min	100 mm
ras max	1 mm
Category	Bearings
Inventory	0.0
Size (mm)	55x105x30
Width (mm)	30,000
Nlim (oil)	2,900 rpm
Nlim (grease)	730 rpm
Product Group	B04144
Bearing number	89311
Weight / Kilogram	1.228
Manufacturer Name	NTN
Cage assembly mass	0.24 kg
Bore Diameter (mm)	55,000

Outer Diameter (mm)	105,000
Minimum Buy Quantity	N/A
Cage assembly reference	K89311
Bearing ring (inner ring) WS	WS89311
Bearing ring (outer ring) GS	GS89311
Min operating temperature, T _{min}	-20 °C
Max operating temperature, T _{max}	120 °C
Bearing ring (inner ring) WS mass	0.52 kg
Bearing ring (outer ring) GS mass	0.52 kg
Characteristic cage frequency, FTF	0.5 Hz
Characteristic inner ring frequency, BPF _I	9 Hz
Characteristic outer ring frequency, BPF _O	9 Hz
Characteristic rolling element frequency, BSF	9.12 Hz