



**Bearing No. K89312**

d	60,000 mm
D	110,000 mm
Ca	162 kN
Dw	9,000 mm
Dc	110 mm
Lw	9 mm
Ea	105.3 mm
Eb	68.9 mm
C0a	600 kN
Dc1	60 mm
Category	Roller Bearings
Inventory	0.0
Nlim (oil)	2,700 rpm
Nlim (grease)	680 rpm
Product Group	B04144
Bearing number	K89312
Manufacturer Name	NTN
Weight / Kilogram	0.247
Bore Diameter (mm)	60,000
Cage assembly mass	0.25 kg
Outer Diameter (mm)	110,000
Minimum Buy Quantity	N/A
Bearing ring (outer ring) GS	GS89312
Bearing ring (inner ring) WS	WS89312
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.5 Hz

Characteristic outer ring frequency, BPF0	9.5 Hz
Characteristic inner ring frequency, BPF1	9.5 Hz
Characteristic rolling element frequency, BSF	9.68 Hz