



Bearing No. 89312

D	110,000 mm
d	60,000 mm
T	30,000 mm
Ca	162 kN
Dc	110 mm
Eb	68.9 mm
Ea	105.3 mm
Lw	9 mm
Dw	9 mm
D1	62 mm
d1	110 mm
Dc1	60 mm
C0a	600 kN
Mass	1.35 kg
rs min	1.1 mm
Db max	69 mm
da min	105 mm
ras max	1 mm
Category	Bearings
Inventory	0.0
Size (mm)	60x110x30
Width (mm)	30,000
Nlim (oil)	2,700 rpm
Nlim (grease)	680 rpm
Product Group	B04144
Bearing number	89312
Weight / Kilogram	1.302
Manufacturer Name	NTN
Cage assembly mass	0.25 kg
Bore Diameter (mm)	60,000

Outer Diameter (mm)	110,000
Minimum Buy Quantity	N/A
Cage assembly reference	K89312
Bearing ring (inner ring) WS	WS89312
Bearing ring (outer ring) GS	GS89312
Min operating temperature, T _{min}	-20 °C
Max operating temperature, T _{max}	120 °C
Bearing ring (inner ring) WS mass	0.55 kg
Bearing ring (outer ring) GS mass	0.55 kg
Characteristic cage frequency, FTF	0.5 Hz
Characteristic inner ring frequency, BPF _I	9.5 Hz
Characteristic outer ring frequency, BPF ₀	9.5 Hz
Characteristic rolling element frequency, BSF	9.68 Hz