



Bearing No. 81222

D	160,000 mm
d	110,000 mm
T	38,000 mm
Ca	258 kN
Dc	160 mm
Eb	119.2 mm
Ea	150 mm
Lw	15 mm
Dw	15 mm
D1	113 mm
d1	160 mm
Dc1	110 mm
C0a	885 kN
Mass	2.45 kg
rs min	1.1 mm
Db max	119 mm
da min	149 mm
ras max	1 mm
Category	Bearings
Inventory	0.0
Size (mm)	110x160x38
Width (mm)	38,000
Nlim (oil)	1,800 rpm
Nlim (grease)	450 rpm
Product Group	B04144
Bearing number	81222
Weight / Kilogram	2.41
Manufacturer Name	NTN
Cage assembly mass	0.68 kg
Bore Diameter (mm)	110,000

Outer Diameter (mm)	160,000
Minimum Buy Quantity	N/A
Cage assembly reference	K81222
Bearing ring (inner ring) WS	WS81222
Bearing ring (outer ring) GS	GS81222
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Bearing ring (inner ring) WS mass	0.88 kg
Bearing ring (outer ring) GS mass	0.88 kg
Characteristic cage frequency, FTF	0.5 Hz
Characteristic inner ring frequency, BPFI	10 Hz
Characteristic outer ring frequency, BPF0	10 Hz
Characteristic rolling element frequency, BSF	8.97 Hz