



Bearing No. 81220

D	150,000 mm
d	100,000 mm
T	38,000 mm
Ca	243 kN
Dc	150 mm
Eb	109.2 mm
Ea	140 mm
Lw	15 mm
Dw	15 mm
D1	103 mm
d1	150 mm
Dc1	100 mm
C0a	795 kN
Mass	2.24 kg
rs min	1.1 mm
Db max	109 mm
da min	139 mm
ras max	1 mm
Category	Bearings
Inventory	0.0
Size (mm)	100x150x38
Width (mm)	38,000
Nlim (oil)	1,900 rpm
Nlim (grease)	480 rpm
Product Group	B04144
Bearing number	81220
Weight / Kilogram	2.288
Manufacturer Name	NTN
Cage assembly mass	0.62 kg
Bore Diameter (mm)	100,000

Outer Diameter (mm)	150,000
Minimum Buy Quantity	N/A
Cage assembly reference	K81220
Bearing ring (inner ring) WS	WS81220
Bearing ring (outer ring) GS	GS81220
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Bearing ring (inner ring) WS mass	0.81 kg
Bearing ring (outer ring) GS mass	0.81 kg
Characteristic cage frequency, FTF	0.5 Hz
Characteristic inner ring frequency, BPFI	9 Hz
Characteristic outer ring frequency, BPF0	9 Hz
Characteristic rolling element frequency, BSF	8.31 Hz