



Bearing No. 81206

B	4.25 mm
d	30,000 mm
D	52,000 mm
T	16,000 mm
Lw	7.5 mm
Dw	7.5 mm
Eb	32.8 mm
Ea	49 mm
d1	52 mm
D1	32 mm
Ca	53 kN
Dc	52 mm
C0a	129 kN
Dc1	30 mm
Mass	0.14 kg
rs min	0.6 mm
Db max	33 mm
da min	48 mm
ras max	0.6 mm
Category	Roller Bearings
Inventory	0.0
Size (mm)	30x52x16
Width (mm)	16,000
Nlim (oil)	6,000 rpm
Nlim (grease)	1,500 rpm
Product Group	B04144
Bearing number	81206
Precision class	P0
Weight / Kilogram	0.129
Manufacturer Name	NTN

Bore Diameter (mm)	30,000
Cage assembly mass	0.05 kg
Outer Diameter (mm)	52,000
Minimum Buy Quantity	N/A
Cage assembly reference	K81206
Bearing ring (inner ring) WS	WS81206
Bearing ring (outer ring) GS	GS81206
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-20 °C
Bearing ring (outer ring) GS mass	0.04 kg
Bearing ring (inner ring) WS mass	0.04 kg
Characteristic cage frequency, FTF	0.5 Hz
Characteristic outer ring frequency, BPF0	6 Hz
Characteristic inner ring frequency, BPFI	6 Hz
Characteristic rolling element frequency, BSF	5.45 Hz