



Bearing No. 81216

D	115,000 mm
d	80,000 mm
T	28,000 mm
Eb	84.8 mm
Dc	115 mm
Ca	143 kN
Lw	11 mm
Dw	11 mm
d1	115 mm
D1	85 mm
Ea	108.4 mm
Dc1	80 mm
C0a	460 kN
Mass	0.95 kg
da min	106 mm
rs min	1 mm
Db max	86 mm
ras max	1 mm
Size (mm)	80x115x28
Nlim (oil)	2,500 rpm
Width (mm)	28,000
Nlim (grease)	630 rpm
Bearing number	81216
Precision class	P0
Cage assembly mass	0.25 kg
Bore Diameter (mm)	80,000
Outer Diameter (mm)	115,000
Cage assembly reference	K81216
Bearing ring (inner ring) WS	WS81216

Bearing ring (outer ring) GS	GS81216
Min operating temperature, T _{min}	-20 °C
Max operating temperature, T _{max}	120 °C
Bearing ring (outer ring) GS mass	0.35 kg
Bearing ring (inner ring) WS mass	0.35 kg
Characteristic cage frequency, FTF	0.5 Hz
Characteristic outer ring frequency, BPF0	9.5 Hz
Characteristic inner ring frequency, BPFI	9.5 Hz
Characteristic rolling element frequency, BSF	8.78 Hz