

# 24044EMK30W33 SNR

## Characteristic rolling element frequency, BSF 7.94 Hz

### 220x340x118mm Thrust roller bearings

B	118 mm
D1	303.4 mm
rs min	3 mm
Number of lubrication holes	3
b	14.1 mm
k	6 mm
e	0.31
Y1	2.18
Y2	3.25
Y0	2.13
Radial clearance class	CN
Mass	37.8 kg
Dynamic load, C	1.930 kN
Static load, C0	2.750 kN
Fatigue limit load, Cu	161 kN
Nref	1.200 rpm
Nlim	1.800 rpm
Min operating temperature, Tmin	40 °C
Max operating temperature, Tmax	200 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	7.94 Hz

Characteristic outer ring frequency, BPF0	10.1 Hz
Characteristic inner ring frequency, BPFI	12.9 Hz
da min	232.4 mm
Da max	327.6 mm
ra max	2.5 mm
Bearing number	24044EMK30W33
Size (mm)	220x340x118
Brand	SNR
Bore Diameter (mm)	220.000
Outer Diameter (mm)	340.000
Width (mm)	118.000
d	220.000 mm
D	340.000 mm
H	118.000 mm