



## NTN-SNR BEARING RULMENTI S.R.L.

180 mm x 320 mm x 112 mm SNR 23236EF800  
Double row spherical roller bearings

Bearing No. 23236EF800

d	180 mm
D	320 mm
B	112 mm
d2	220 mm
D1	281.2 mm
rs min	4 mm
Number of lubrication holes	3
b	16.4 mm
k	8 mm
e	0.33
Y1	2.06
Y2	3.06
Y0	2.01
Radial clearance class	C4 Special
Mass	37.8 kg
Dynamic load, C	1,800 kN
Static load, C0	2,270 kN
Fatigue limit load, Cu	142 kN
Nref	1,200 rpm
Nlim	1,900 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.43 Hz

23236EF800 Bearing 2D drawings and 3D CAD models



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Characteristic rolling element frequency, BSF	6.43 Hz
Characteristic outer ring frequency, BPF0	8.09 Hz
Characteristic inner ring frequency, BRFI	10.91 Hz
da min	197 mm
Da max	303 mm
ra max	3 mm