



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

240 mm x 320 mm x 60 mm NTN 23948EMD1  
Double row spherical roller bearings

Bearing No. 23948EMD1

d	240 mm
D	320 mm
B	60 mm
d2	262 mm
D1	301 mm
rs min	2.1 mm
Number of lubrication holes	4
b	9 mm
k	5 mm
e	0.15
Y1	4.4
Y2	6.56
Y0	4.31
Radial clearance class	CN
Dynamic load, C	815 kN
Static load, C0	1,190 kN
Fatigue limit load, Cu	129 kN
Nref	1,300 rpm
Nlim	2,000 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	160 ° C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	14.05 Hz

23948EMD1 Bearing 2D drawings and 3D CAD models



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

Characteristic outer ring frequency, BPF0	17.66 Hz
Characteristic inner ring frequency, BRFI	20.34 Hz
da min	250.2 mm
Da max	309.8 mm
ra max	2 mm