



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

170 mm x 230 mm x 45 mm NTN 23934EMD1  
Double row spherical roller bearings

Bearing No. 23934EMD1

d	170 mm
D	230 mm
B	45 mm
d2	185 mm
D1	215 mm
rs min	2 mm
Number of lubrication holes	3
b	9.8 mm
k	4.5 mm
e	0.16
Y1	4.11
Y2	6.12
Y0	4.02
Radial clearance class	CN
Dynamic load, C	468 kN
Static load, C0	723 kN
Fatigue limit load, Cu	69.7 kN
Nref	2,000 rpm
Nlim	2,800 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	13.3 Hz

23934EMD1 Bearing 2D drawings and 3D CAD models



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Characteristic outer ring frequency, BPF0	16.2 Hz
Characteristic inner ring frequency, BRFI	18.8 Hz
da min	178.8 mm
Da max	221.2 mm
ra max	2 mm