



NTN-SNR BEARING RULMENTI S.R.L.

240 mm x 400 mm x 160 mm SNR
24148VMW33C3 Double row spherical roller
bearings

Bearing No. 24148VMW33C3

d	240 mm
D	400 mm
B	160 mm
D1	336.7 mm
rs min	4 mm
Number of lubrication holes	3
b	11.1 mm
k	6 mm
e	0.38
Y1	1.79
Y2	2.67
Y0	1.75
Radial clearance class	C3
Mass	82.5 kg
Dynamic load, C	2,280 kN
Static load, C0	4,260 kN
Fatigue limit load, Cu	211 kN
Nref	750 rpm
Nlim	1,300 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling	7.86 Hz

24148VMW33C3 Bearing 2D drawings and 3D CAD
models



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element frequency, BSF	
Characteristic outer ring frequency, BPF0	9.66 Hz
Characteristic inner ring frequency, BPF1	12.34 Hz
da min	257 mm
Da max	383 mm
ra max	3 mm