



SNR BEARING CORP.OF AMERICA

180 mm x 280 mm x 100 mm SNR
24036.EAW33 Double row spherical roller
bearings

Bearing No. 24036.EAW33

d	180 mm
D	280 mm
B	100 mm
d2	202.5 mm
D1	249 mm
rs min	2.1 mm
Number of lubrication holes	3
b	11.8 mm
k	5 mm
e	0.31
Y1	2.21
Y2	3.29
Y0	2.16
Radial clearance class	CN
Mass	21.5 kg
Dynamic load, C	1,270 kN
Static load, C0	1,830 kN
Fatigue limit load, Cu	109 kN
Nref	1,500 rpm
Nlim	2,200 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz

24036.EAW33 Bearing 2D drawings and 3D CAD
models



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Characteristic rolling element frequency, BSF	8.59 Hz
Characteristic outer ring frequency, BPF0	10.65 Hz
Characteristic inner ring frequency, BPFI	13.35 Hz
da min	190.2 mm
Da max	269.8 mm
ra max	2 mm