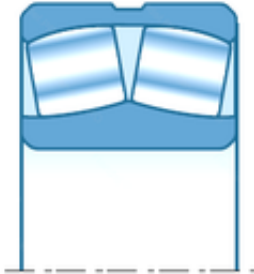




# SNR BEARING CORP.OF AMERICA

180,000 mm x 300,000 mm x 118 mm SNR  
24136EAW33 Double row spherical roller bearings



Bearing No. 24136EAW33

24136EAW33 Bearing 2D drawings and 3D CAD models

Size	180x300x118 mm
Bore Diameter	180,000 mm
Outer Diameter	300,000 mm
Width	118,000 mm
d	180,000 mm
D	300,000 mm
H	118,000 mm
B	118 mm
d2	200.8 mm
D1	260.4 mm
rs min	3 mm
Number of lubrication holes	3
b	14.1 mm
k	6 mm
e	0.38
Y1	1.78
Y2	2.66
Y0	1.74
Radial clearance class	CN
Mass	33.9 kg
Dynamic load, C	1,550 kN
Static load, C0	2,050 kN
Fatigue limit load, Cu	123 kN
Nref	1,200 rpm
Nlim	1,700 rpm



## SNR BEARING CORP.OF AMERICA

Min operating temperature, T <sub>min</sub>	-40 ° C
Max operating temperature, T <sub>max</sub>	200 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.14 Hz
Characteristic outer ring frequency, BPF0	8.67 Hz
Characteristic inner ring frequency, BRFI	11.33 Hz
d <sub>a min</sub>	194 mm
D <sub>a max</sub>	286 mm
r <sub>a max</sub>	2.5 mm