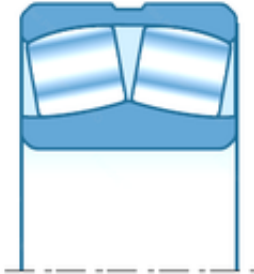




# NTN Machinery Manufacturing Co., Ltd

190,000 mm x 320,000 mm x 128 mm SNR  
24138EAW33 thrust roller bearings



Bearing No. 24138EAW33

24138EAW33 Bearing 2D drawings and 3D CAD models

Size	190x320x128 mm
Bore Diameter	190,000 mm
Outer Diameter	320,000 mm
Width	128,000 mm
d	190,000 mm
D	320,000 mm
H	128,000 mm
B	128 mm
d2	213 mm
D1	277.9 mm
rs min	3 mm
Number of lubrication holes	3
b	14.2 mm
k	6 mm
e	0.38
Y1	1.76
Y2	2.62
Y0	1.72
Radial clearance class	CN
Mass	42.1 kg
Dynamic load, C	1,850 kN
Static load, C0	2,480 kN
Fatigue limit load, Cu	141 kN
Nref	1,100 rpm
Nlim	1,600 rpm



## NTN Machinery Manufacturing Co., Ltd

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	6.98 Hz
Characteristic outer ring frequency, BPF0	8.64 Hz
Characteristic inner ring frequency, BRFI	11.36 Hz
d <sub>a min</sub>	204 mm
D <sub>a max</sub>	306 mm
r <sub>a max</sub>	2.5 mm