



# SNR BEARING CORP.OF AMERICA

260 mm x 400 mm x 140 mm SNR  
24052EAK30W33 Double row spherical roller  
bearings

Bearing No. 24052EAK30W33

d	260 mm
D	400 mm
B	140 mm
d2	286.2 mm
D1	353.9 mm
rs min	4 mm
Number of lubrication holes	3
b	19.3 mm
k	8 mm
Associated sleeve reference	AOH24052G
e	0.31
Y1	2.16
Y2	3.22
Y0	2.12
Radial clearance class	CN
Mass	61.4 kg
Dynamic load, C	2,520 kN
Static load, C0	3,820 kN
Fatigue limit load, Cu	203 kN
Nref	950 rpm
Nlim	1,600 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C

24052EAK30W33 Bearing 2D drawings and 3D CAD  
models



## SNR BEARING CORP.OF AMERICA

Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.54 Hz
Characteristic outer ring frequency, BPF0	10.64 Hz
Characteristic inner ring frequency, BRFI	13.36 Hz
da min	275 mm
Da max	385 mm
ra max	3 mm