



# SNR BEARING CORP.OF AMERICA

280 mm x 420 mm x 140 mm SNR  
24056.EMK30W33C3 Double row spherical roller  
bearings

Bearing No. 24056.EMK30W33C3

d	280 mm
D	420 mm
B	140 mm
D1	377.4 mm
rs min	4 mm
Number of lubrication holes	3
b	16.4 mm
k	8 mm
e	0.3
Y1	2.25
Y2	3.34
Y0	2.2
Radial clearance class	C3
Mass	64.9 kg
Dynamic load, C	2,720 kN
Static load, C0	4,120 kN
Fatigue limit load, Cu	223 kN
Nref	900 rpm
Nlim	1,500 rpm
Min operating temperature, Tmin	40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling	8.52 Hz

24056.EMK30W33C3 Bearing 2D drawings and 3D  
CAD models



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element frequency, BSF	
Characteristic outer ring frequency, BPF0	10.64 Hz
Characteristic inner ring frequency, BPF1	13.36 Hz
da min	294.6 mm
Da max	405.4 mm
ra max	3 mm