



USK BEARING COMPANY

180 mm x 280 mm x 74 mm SNR
23036.EMW33C3 Double row spherical roller
bearings

Bearing No. 23036.EMW33C3

d	180 mm
D	280 mm
B	74 mm
D1	255 mm
rs min	2.1 mm
Number of lubrication holes	3
b	13.2 mm
k	6 mm
e	0.23
Y1	2.95
Y2	4.4
Y0	2.89
Radial clearance class	C3
Mass	16.9 kg
Dynamic load, C	1,080 kN
Static load, C0	1,450 kN
Fatigue limit load, Cu	113 kN
Nref	2,000 rpm
Nlim	2,500 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling	8.42 Hz

23036.EMW33C3 Bearing 2D drawings and 3D CAD models



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element frequency, BSF	
Characteristic outer ring frequency, BPF0	10.61 Hz
Characteristic inner ring frequency, BPF1	13.39 Hz
da min	190.2 mm
Da max	269.8 mm
ra max	2 mm