



# USK BEARING COMPANY

130 mm x 200 mm x 52 mm SNR  
23026EMKW33C4 Double row spherical roller  
bearings

Bearing No. 23026EMKW33C4

d	130 mm
D	200 mm
B	52 mm
D1	182.6 mm
rs min	2 mm
Number of lubrication holes	3
b	8.9 mm
k	4 mm
Associated sleeve reference	H3026
e	0.22
Y1	3.01
Y2	4.48
Y0	2.94
Radial clearance class	C4
Mass	5.7 kg
Dynamic load, C	565 kN
Static load, C0	721 kN
Fatigue limit load, Cu	63.4 kN
Nref	3,000 rpm
Nlim	3,600 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz

23026EMKW33C4 Bearing 2D drawings and 3D CAD  
models



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Characteristic rolling element frequency, BSF	8.47 Hz
Characteristic outer ring frequency, BPF0	10.62 Hz
Characteristic inner ring frequency, BPFI	13.38 Hz
da min	138.8 mm
Da max	191.2 mm
ra max	2 mm