



# USK BEARING COMPANY

150 mm x 225 mm x 56 mm SNR  
23030.EAKW33 Double row spherical roller  
bearings

Bearing No. 23030.EAKW33

d	150 mm
D	225 mm
B	56 mm
d2	168.5 mm
D1	206.6 mm
rs min	2.1 mm
Number of lubrication holes	3
b	10 mm
k	4.5 mm
Associated sleeve reference	H3030
e	0.21
Y1	3.2
Y2	4.77
Y0	3.13
Radial clearance class	CN
Mass	7.75 kg
Dynamic load, C	660 kN
Static load, C0	893 kN
Fatigue limit load, Cu	76.6 kN
Nref	2,600 rpm
Nlim	3,100 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C

23030.EAKW33 Bearing 2D drawings and 3D CAD  
models



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Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	9.3 Hz
Characteristic outer ring frequency, BPF0	11.63 Hz
Characteristic inner ring frequency, BRFI	14.37 Hz
da min	160.2 mm
Da max	214.8 mm
ra max	2 mm