



BEARING INDUSTRIA CUSCINETTI S.P.A.

160 mm x 270 mm x 86 mm SNR
23132.EAKW33C3 Double row spherical roller
bearings

Bearing No. 23132.EAKW33C3

d	160 mm
D	270 mm
B	86 mm
d2	185.7 mm
D1	239.8 mm
rs min	2.1 mm
Number of lubrication holes	3
b	13.7 mm
k	6 mm
Associated sleeve reference	H3132
e	0.29
Y1	2.35
Y2	3.5
Y0	2.3
Radial clearance class	C3
Mass	20.12 kg
Dynamic load, C	1,220 kN
Static load, C0	1,580 kN
Fatigue limit load, Cu	106 kN
Nref	1,800 rpm
Nlim	2,400 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C

23132.EAKW33C3 Bearing 2D drawings and 3D CAD
models



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Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.31 Hz
Characteristic outer ring frequency, BPF0	9.11 Hz
Characteristic inner ring frequency, BRFI	11.89 Hz
da min	172 mm
Da max	258 mm
ra max	2 mm