



BEARING INDUSTRIA CUSCINETTI S.P.A.

300 mm x 500 mm x 160 mm SNR
23160EMKW33C3 Double row spherical roller
bearings

Bearing No. 23160EMKW33C3

d	300 mm
D	500 mm
B	160 mm
d2	343.9 mm
D1	443.5 mm
rs min	5 mm
Number of lubrication holes	8
b	27 mm
k	16 mm
Associated sleeve reference	H3160H
e	0.3
Y1	2.28
Y2	3.39
Y0	2.23
Radial clearance class	C3
Mass	123.21 kg
Dynamic load, C	3,770 kN
Static load, C0	5,350 kN
Fatigue limit load, Cu	303 kN
Nref	800 rpm
Nlim	1,300 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C

23160EMKW33C3 Bearing 2D drawings and 3D CAD
models



BEARING INDUSTRIA CUSCINETTI S.P.A.

Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	7.33 Hz
Characteristic outer ring frequency, BPF0	9.12 Hz
Characteristic inner ring frequency, BRFI	11.88 Hz
da min	320 mm
db min	318 mm
Ce min	12 mm
Da max	480 mm
ra max	4 mm