



BEARING INDUSTRIA CUSCINETTI S.P.A.

320 mm x 540 mm x 176 mm SNR
23164.EMKW33C3 Double row spherical roller
bearings

Bearing No. 23164.EMKW33C3

d	320 mm
D	540 mm
B	176 mm
D1	479.2 mm
rs min	5 mm
Number of lubrication holes	8
b	27.1 mm
k	16 mm
Associated sleeve reference	H3164H
e	0.3
Y1	2.25
Y2	3.34
Y0	2.2
Radial clearance class	C3
Mass	176.8 kg
Dynamic load, C	4,370 kN
Static load, C0	6,730 kN
Fatigue limit load, Cu	348 kN
Nref	690 rpm
Nlim	1,200 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.44 Hz

23164.EMKW33C3 Bearing 2D drawings and 3D CAD
models



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Characteristic rolling element frequency, BSF	8.1 Hz
Characteristic outer ring frequency, BPF0	10.57 Hz
Characteristic inner ring frequency, BRFI	13.43 Hz
da min	340 mm
Da max	520 mm
ra max	4 mm