



BEARING ITALIA S.P.A

360 mm x 540 mm x 134 mm SNR
23072EMKW33C4 Double row spherical roller
bearings

Bearing No. 23072EMKW33C4

d	360 mm
D	540 mm
B	134 mm
d2	419.8 mm
D1	492.1 mm
rs min	5 mm
Number of lubrication holes	8
b	20.1 mm
k	12 mm
Associated sleeve reference	H3072H
e	0.22
Y1	3.14
Y2	4.67
Y0	3.07
Radial clearance class	C4
Mass	106.4 kg
Dynamic load, C	3,250 kN
Static load, C0	5,070 kN
Fatigue limit load, Cu	353 kN
Nref	850 rpm
Nlim	1,300 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C

23072EMKW33C4 Bearing 2D drawings and 3D CAD
models



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Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	9.56 Hz
Characteristic outer ring frequency, BPF0	12.57 Hz
Characteristic inner ring frequency, BPFI	15.43 Hz
da min	378 mm
db min	375 mm
Ce min	14 mm
Da max	522 mm
ra max	4 mm