



## BEARING INDUSTRIA CUSCINETTI S.P.A.

280 mm x 500 mm x 176 mm SNR  
23256VMW33C3 Double row spherical roller  
bearings

Bearing No. 23256VMW33C3

d	280 mm
D	500 mm
B	176 mm
D1	424.5 mm
rs min	5 mm
Number of lubrication holes	3
b	22.3 mm
k	12 mm
e	0.32
Y1	2.12
Y2	3.15
Y0	2.07
Radial clearance class	C3
Mass	157.2 kg
Dynamic load, C	2,940 kN
Static load, C0	5,000 kN
Fatigue limit load, Cu	300 kN
Nref	700 rpm
Nlim	1,100 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling	6.91 Hz

23256VMW33C3 Bearing 2D drawings and 3D CAD  
models



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element frequency, BSF	
Characteristic outer ring frequency, BPF0	8.18 Hz
Characteristic inner ring frequency, BRFI	10.82 Hz
da min	300 mm
Da max	480 mm
ra max	4 mm