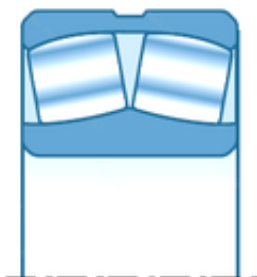




## BEARING INDUSTRIA CUSCINETTI S.P.A.



280,000 mm x 500,000 mm x 176 mm SNR  
23256VMW33 Double row spherical roller  
bearings

Bearing No. 23256VMW33

Size	280x500x176 mm
Bore Diameter	280,000 mm
Outer Diameter	500,000 mm
Width	176,000 mm
d	280,000 mm
D	500,000 mm
H	176,000 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	CN
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,	-40 ° C

23256VMW33 Bearing 2D drawings and 3D CAD  
models



## BEARING INDUSTRIA CUSCINETTI S.P.A.

Tmin	
Max operating temperature, Tmax	200 ° C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.91 Hz
Characteristic outer ring frequency, BPF0	8.18 Hz
Characteristic inner ring frequency, BRF1	10.82 Hz
da min	300 mm
Da max	480 mm
ra max	4 mm