



Bearing No. 23256VMW33

D	500,000 mm
d	280,000 mm
H	176,000 mm
B	176 mm
b	22.3 mm
k	12 mm
e	0.32
Y0	2.07
Y2	3.15
D1	424.5 mm
Y1	2.12
Nlim	1,100 rpm
Nref	700 rpm
Mass	157.2 kg
Da max	480 mm
da min	300 mm
ra max	4 mm
rs min	5 mm
Size (mm)	280x500x176
Width (mm)	176,000
Bearing number	23256VMW33
Static load, C0	5,000 kN
Dynamic load, C	2,940 kN
Bore Diameter (mm)	280,000
Outer Diameter (mm)	500,000
Fatigue limit load, Cu	300 kN
Radial clearance class	CN
Number of lubrication holes	3
Max operating temperature, Tmax	200 °C

Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.43 Hz
Characteristic outer ring frequency, BPF0	8.18 Hz
Characteristic inner ring frequency, BPFI	10.82 Hz
Characteristic rolling element frequency, BSF	6.91 Hz