



BEARING ITALIA S.P.A

280 mm x 420 mm x 106 mm SNR
23056.EMW33C3 Double row spherical roller
bearings

Bearing No. 23056.EMW33C3

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|---------------------------------------|-----------|
| d | 280 mm |
| D | 420 mm |
| B | 106 mm |
| D1 | 385.2 mm |
| rs min | 4 mm |
| Number of lubrication holes | 3 |
| b | 18.3 mm |
| k | 8 mm |
| e | 0.22 |
| Y1 | 3.07 |
| Y2 | 4.58 |
| Y0 | 3 |
| Radial clearance class | C3 |
| Mass | 51.2 kg |
| Dynamic load, C | 2,170 kN |
| Static load, C0 | 3,150 kN |
| Fatigue limit load, Cu | 218 kN |
| Nref | 1,200 rpm |
| Nlim | 1,700 rpm |
| Min operating temperature, Tmin | -40 ° C |
| Max operating temperature, Tmax | 200 ° C |
| Characteristic cage frequency, FTF | 0.44 Hz |
| Characteristic rolling | 8.86 Hz |

23056.EMW33C3 Bearing 2D drawings and 3D CAD
models



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|---|----------|
| element frequency, BSF | |
| Characteristic outer ring frequency, BPF0 | 11.12 Hz |
| Characteristic inner ring frequency, BPF1 | 13.88 Hz |
| da min | 294.6 mm |
| Da max | 405.4 mm |
| ra max | 3 mm |