



Bearing No. 2307G15

e	0.46
d	35,000 mm
D	80,000 mm
B	31,000 mm
C	31,000 mm
d1	46.6 mm
Y0	1.43
Y2	2.11
Y1	1.36
D1	68.1 mm
Nlim	12,000 rpm
Mass	0.98 kg
Nref	9,500 rpm
rs min	1.5 mm
da min	43 mm
Da max	72 mm
ra max	1.5 mm
Size (mm)	35x80x31
Width (mm)	31,000
Bearing number	2307G15
Static load, C0	11.2 kN
Dynamic load, C	39.3 kN
Precision class	P0
Bore Diameter (mm)	35,000
Outer Diameter (mm)	80,000
Radial clearance class	CN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage	0.39 Hz

frequency, FTF	
Characteristic outer ring frequency, BPF0	4.24 Hz
Characteristic inner ring frequency, BPF1	6.76 Hz
Characteristic rolling element frequency, BSF	3.96 Hz