



Bearing No. 2305G15

e	0.48
d	25,000 mm
D	62,000 mm
B	24,000 mm
C	24,000 mm
d1	35.4 mm
Y0	1.38
Y2	2.04
Y1	1.32
D1	50.6 mm
Nlim	16,000 rpm
Mass	0.34 kg
Nref	11,000 rpm
rs min	1.1 mm
da min	31.5 mm
Da max	55.5 mm
ra max	1 mm
Size (mm)	25x62x24
Width (mm)	24,000
Bearing number	2305G15
Static load, C0	6.6 kN
Dynamic load, C	24.4 kN
Precision class	P0
Bore Diameter (mm)	25,000
Outer Diameter (mm)	62,000
Radial clearance class	CN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage	0.38 Hz

frequency, FTF	
Characteristic outer ring frequency, BPF0	4.22 Hz
Characteristic inner ring frequency, BPF1	6.78 Hz
Characteristic rolling element frequency, BSF	3.89 Hz