



Bearing No. 2306

e	0.44
d	30,000 mm
D	72,000 mm
B	27,000 mm
C	27,000 mm
d1	41.9 mm
Y0	1.5
Y2	2.22
Y1	1.43
D1	58.4 mm
Nlim	13,000 rpm
Mass	0.5 kg
Nref	10,000 rpm
rs min	1.1 mm
da min	36.5 mm
Da max	65.5 mm
ra max	1 mm
Size (mm)	30x72x27
Width (mm)	27,000
Bearing number	2306
Static load, C0	8.8 kN
Dynamic load, C	30.4 kN
Precision class	P0
Bore Diameter (mm)	30,000
Outer Diameter (mm)	72,000
Radial clearance class	CN
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage	0.39 Hz

frequency, FTF	
Characteristic outer ring frequency, BPF0	4.25 Hz
Characteristic inner ring frequency, BPF1	6.75 Hz
Characteristic rolling element frequency, BSF	4.01 Hz