



Tapered bore

Bearing No. 2216K

D	140,000 mm
d	80,000 mm
B	33,000 mm
C	33,000 mm
e	0.25
Y2	3.86
d1	99 mm
D1	120.8 mm
Y0	2.61
Y1	2.49
Nlim	5,900 rpm
Mass	1.97 kg
Nref	5,400 rpm
da min	89 mm
da max	96 mm
ra max	2 mm
db min	85 mm
Ce min	12 mm
Da max	131 mm
rs min	2 mm
Size (mm)	80x140x33
Width (mm)	33,000
Bearing number	2216K
Static load, C0	19.9 kN
Dynamic load, C	48.5 kN
Precision class	P0
Bore Diameter (mm)	80,000
Outer Diameter (mm)	140,000
Radial clearance class	CN
Associated sleeve	H316

reference	
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic outer ring frequency, BPF0	8.71 Hz
Characteristic inner ring frequency, BPFI	11.29 Hz
Characteristic rolling element frequency, BSF	7.53 Hz