



**Bearing No. 21316VK**

D	170,000 mm
d	80,000 mm
H	39,000 mm
B	39 mm
e	0.23
Y0	2.89
Y1	2.95
d2	104.3 mm
D1	144.6 mm
Y2	4.39
Nlim	4,900 rpm
Nref	3,800 rpm
Mass	4.21 kg
Da max	158 mm
da min	92 mm
ra max	2 mm
rs min	2.1 mm
Size (mm)	80x170x39
Width (mm)	39,000
Bearing number	21316VK
Dynamic load, C	305 kN
Static load, C0	305 kN
Bore Diameter (mm)	80,000
Outer Diameter (mm)	170,000
Radial clearance class	CN
Fatigue limit load, Cu	37.6 kN
Associated sleeve reference	H316
Number of lubrication holes	0
Max operating	200 °C

temperature, Tmax	
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.42 Hz
Characteristic outer ring frequency, BPF0	6.27 Hz
Characteristic inner ring frequency, BRFI	8.73 Hz
Characteristic rolling element frequency, BSF	5.87 Hz