

# SKF QJ316N2PHAS angular contact ball bearings

SKF QJ316N2PHAS angular contact ball bearings, Units and Housings CAD 33 mm B models , 80 mm d Manufacturing Service .  
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d	80 mm
D	140 mm
B	33 mm
D1	126.7 mm
rs min	2 mm
Number of lubrication holes	3
b	7.9 mm
k	3.5 mm
Associated sleeve reference	H316
e	0.22
Y1	3.13
Y2	4.67
Y0	3.06
Radial clearance class	C3
Mass	2.04 kg
Dynamic load, C	267 kN
Static load, C0	272 kN
Fatigue limit load, Cu	32.5 kN
Nref	4,300 rpm
Nlim	5,800 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	200 °C

Characteristic cage frequency, FTF	0.43 Hz
Characteristic rolling element frequency, BSF	6.68 Hz
Characteristic outer ring frequency, BPF0	7.7 Hz
Characteristic inner ring frequency, BRFI	10.3 Hz
da min	91 mm
Da max	129 mm
ra max	2 mm