

# NTN F-W689ZZ deep groove ball bearings

What 320 mm d are the types of NTN F-W689ZZ deep groove ball bearings 480 mm D ? Manufacturing Service . Get Your Free, Instant price, design review.

d	320 mm
D	480 mm
B	121 mm
d2	370 mm
D1	440 mm
rs min	4 mm
Number of lubrication holes	8
b	20 mm
k	12 mm
Associated sleeve reference	H3064H
e	0.24
Y1	2.84
Y2	4.23
Y0	2.78
Radial clearance class	C3
Mass	74.43 kg
Dynamic load, C	2,420 kN
Static load, C0	4,000 kN
Fatigue limit load, Cu	274 kN
Nref	1,000 rpm
Nlim	1,400 rpm
Min operating temperature, Tmin	-40 °C

Max operating temperature, Tmax	200 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	10.99 Hz
Characteristic outer ring frequency, BPF0	14.12 Hz
Characteristic inner ring frequency, BRFI	16.88 Hz
da min	334.6 mm
db min	334 mm
Ce min	13 mm
Da max	465.4 mm
ra max	3 mm