

NKE 6315-2Z-NR deep groove ball bearings

Manufacturers of 140 mm d all are represented in our partial list of clients. Contact Gary for a complete NKE 6315-2Z-NR deep groove ball bearings list of 190 mm D clients and projects.

d	140 mm
D	190 mm
B	24 mm
d1	156 mm
D1	174.02 mm
D2	180.88 mm
a	34 mm
Contact angle α	15 °
rs min	1.5 mm
r1s min	0.6 mm
f0	16.68
Precision class	P4
Mass	1.68 kg
Dynamic load, C	85.6 kN
Static load, C0	106 kN
Fatigue limit load, Cu	4.4 kN
Nlim (oil)	10,500 rpm
Nlim (grease)	7,000 rpm
Axial displacement K Factor	0.76
Preload level	7
Preload value	0.72 kN

Axial rigidity	179 N/ μ m
Radial rigidity	998 N/ μ m
Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic rolling element frequency, BSF	10.86 Hz
Characteristic outer ring frequency, BPF0	13.22 Hz
Characteristic inner ring frequency, BRFI	15.78 Hz
da min	148.5 mm
db min	148.5 mm
Da max	181.5 mm
Db max	181.5 mm
r1a max	0.6 mm
ra max	1.5 mm
D6	159.8 mm