

KOYO 3NCHAC915CA angular contact ball bearings

Various 180 mm D 28 mm B types and sizes to accommodate 120 mm d your KOYO 3NCHAC915CA angular contact ball bearings requirements.

d	120 mm
D	180 mm
B	28 mm
d1	139.4 mm
D1	160.6 mm
D2	168.91 mm
a	49 mm
Contact angle α	25 °
rs min	2 mm
r1s min	1 mm
f0	16.27
Precision class	P4
Mass	2.13 kg
Dynamic load, C	94.8 kN
Static load, C0	103 kN
Fatigue limit load, Cu	4.75 kN
Nlim (oil)	10,500 rpm
Nlim (grease)	7,000 rpm
Axial displacement K Factor	0.43
Preload level	7
Preload value	1.16 kN
Axial rigidity	309 N/ μ m

Radial rigidity	672 N/ μ m
Min operating temperature, Tmin	-30 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	8.49 Hz
Characteristic outer ring frequency, BPF0	10.29 Hz
Characteristic inner ring frequency, BRFI	12.71 Hz
da min	130 mm
db min	130 mm
Da max	170 mm
Db max	170 mm
r1a max	1 mm
ra max	2 mm
D6	145 mm