



Bearing No. 5308NRZZG15

C	36,500 mm
a	45.8 mm
f	2.41 mm
d	40,000 mm
D	90,000 mm
B	36,500 mm
f0	13.3
d1	55.6 mm
D1	77.4 mm
Nlim	5,800 rpm
Mass	0.97 kg
Nref	6,000 rpm
a min	3.07 mm
a max	3.28 mm
b min	2.7 mm
b max	3 mm
da max	55.6 mm
da min	48 mm
Da max	82 mm
Ca min	5.43 mm
Db min	97.9 mm
D4 max	96.5 mm
r0 max	0.6 mm
D3 max	86.79 mm
Ca max	5.74 mm
ra max	1.5 mm
rs min	1.5 mm
rNs min	0.6 mm
rNa max	0.6 mm
Size (mm)	40x90x36.500

Width (mm)	36,500
Bearing number	5308NRZZG15
Dynamic load, C	59.1 kN
Static load, C0	43.9 kN
Precision class	P0
Contact angle ?	25 °
Bore Diameter (mm)	40,000
Outer Diameter (mm)	90,000
Snap ring reference	R 90
Fatigue limit load, Cu	2.75 kN
Radial clearance class	CN
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.4 Hz
Characteristic outer ring frequency, BPF0	3.16 Hz
Characteristic inner ring frequency, BRFI	4.84 Hz
Characteristic rolling element frequency, BSF	4.12 Hz