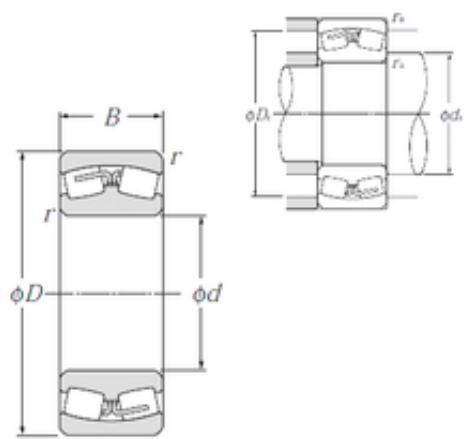




Bearing No. 230/750B

C	250 mm
b	33 mm
k	20 mm
e	0.21
d	750 mm
D	1 090 mm
B	250 mm
Y2	4.76
Y1	3.2
D1	990.9 mm
Y0	3.13
d2	863 mm
Nref	310 rpm
Nlim	460 rpm
da min	778 mm
Da max	1,062 mm
rs min	7.5 mm
ra max	6 mm
Weight	790 Kg
r min.	7,5 mm
ra max.	6 mm
da min.	786 mm
Da max.	1 054 mm
Size (mm)	750x1090x250
Width (mm)	250
Bearing number	230/750B
Static load, C0	18,300 kN
Dynamic load, C	8,150 kN
Bore Diameter (mm)	750
Outer Diameter (mm)	1090

Calculation factor (e)	0,21
Radial clearance class	CN
Fatigue limit load, Cu	1,271 kN
Calculation factor (Y0)	3,13
(Oil) Lubrication Speed	320 r/min
Calculation factor (Y1)	3,2
(Grease) Lubrication Speed	250 r/min
Basic dynamic load rating (C)	8 150 kN
Basic static load rating (C0)	18 300 kN
Max operating temperature, Tmax	120 °C
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.46 Hz
Characteristic outer ring frequency, BPF0	13.64 Hz
Characteristic inner ring frequency, BPFI	16.36 Hz
Characteristic rolling element frequency, BSF	10.8 Hz