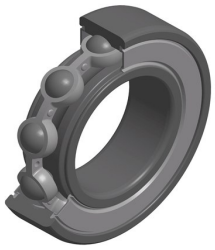
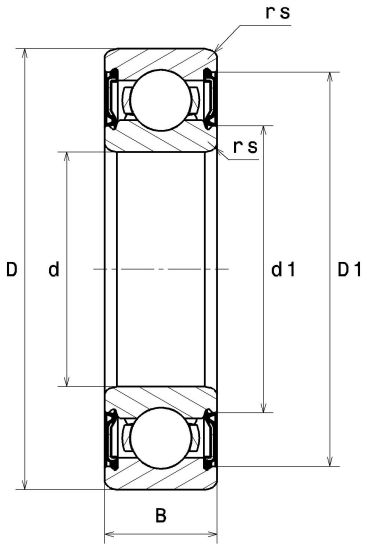
PDF technical sheet
6032LLU/2AS

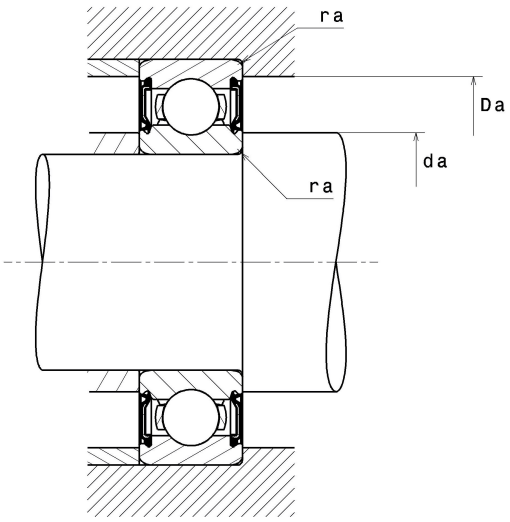


Single row deep groove ball bearings
Deep groove ball bearing, radial contact, pressed steel cage, contact seals on both sides

Product definition	
d	6.2992 "
D	9.4488 "
B	1.4961 "
rs min	0.0827 "
Radial clearance class	CN
Mass	17.81 oz
Brand	NTN



Product performance	
Dynamic load, C	143 kN
Static load, C0	144 kN
Fatigue limit load, Cu	4.65 kN
f0	15.9
Nlim (grease)	1,600 RPM
Min operating temperature, Tmin	−13 °C
Max operating temperature, Tmax	230 °C
Characteristic cage frequency, FTF	0.44 Hz
Characteristic rolling element frequency, BSF	8.28 Hz
Characteristic outer ring frequency, BPF0	7.05 Hz
Characteristic inner ring frequency, BPFI	8.95 Hz



Abutment dimensions	
da min	6.7323 "
Da max	9.0157 "
ra max	0.0787 "

Calculation factors

Equivalent dynamic radial load

P = X.Fr + Y.Fa

$\frac{f_0 F_a}{C_0}$	e	Fa / Fr ≤ e		Fa / Fr > e	
		X	Y	X	Y
0.172	0.19	1	0	0.56	2.3
0.345	0.22				1.99
0.689	0.26				1.71
1.03	0.28				1.55
1.38	0.3				1.45
2.07	0.34				1.31
3.45	0.38				1.15
5.17	0.42				1.04
6.89	0.44				1

Equivalent static radial load

Po = Xo.Fr + Yo.Fa

X_0	Y_0
0.6	0.5

For single or DT bearing arrangement :

If Po <Fr, then use Po = Fr