



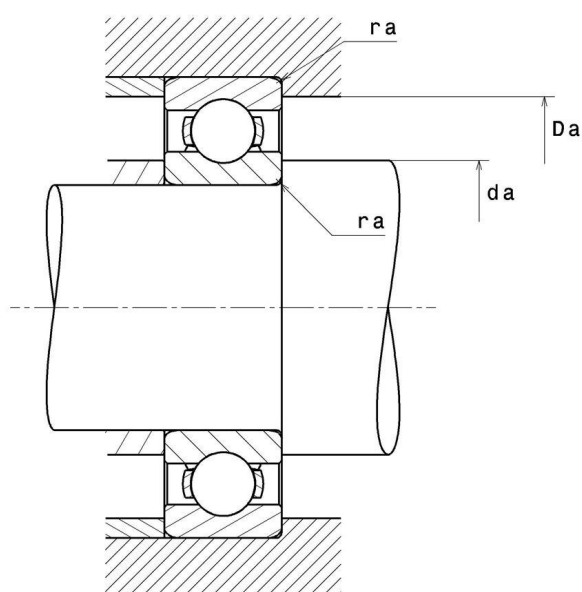
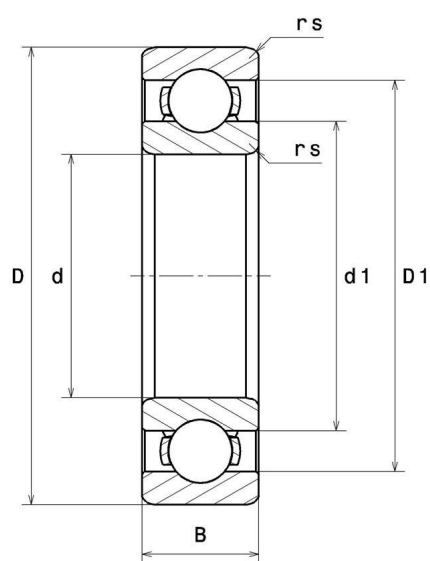
Technical data

6332C3

Single row deep groove ball bearings

Deep groove ball bearing, radial contact, pressed steel cage, open

VISUAL (S)



6332C3

Single row deep groove ball bearings

PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	160 mm
D - External diameter	340 mm
B - Bearing/Inner ring width	68 mm
rs - Min fillet radius	4 mm
Radial clearance class	C3
Mass	26 kg

PRODUCT PERFORMANCE

C - Dynamic load	310 kN
C0 - Static load	286 kN
Cu - Fatigue limit load	14,2 kN
f0 - Coefficient	13.9
Nlim - Oil lubrication limit speed	2300 tr/min
Nlim - Grease lubrication limit speed	1900 tr/min
Tmin - Min operating temperature	-40 °C
Tmax - Max operating temperature	120 °C

ABUTMENT

da min - Min shoulder diameter IR	176 mm
Da max - Max shoulder diameter OR	324 mm
ra max - Max shaft & housing fillet radius	3 mm

INDUSTRY CALCUL FACTORS

Equivalent dynamic radial load

$$P = X.F_r + Y.F_a$$

$\frac{f_0 F_a}{C_0}$	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

$$P_0 = X_0.F_r + Y_0.F_a$$

X_0	Y_0
0.6	0.5

For single or DT bearing arrangement:

If $P_0 < F_r$, then use $P_0 = F_r$