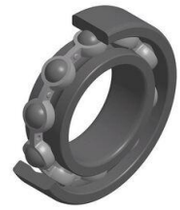


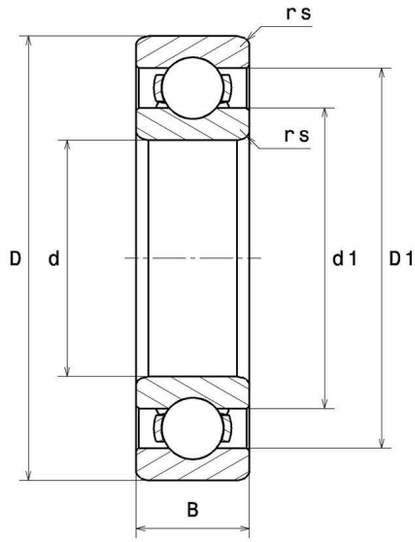
Technical data

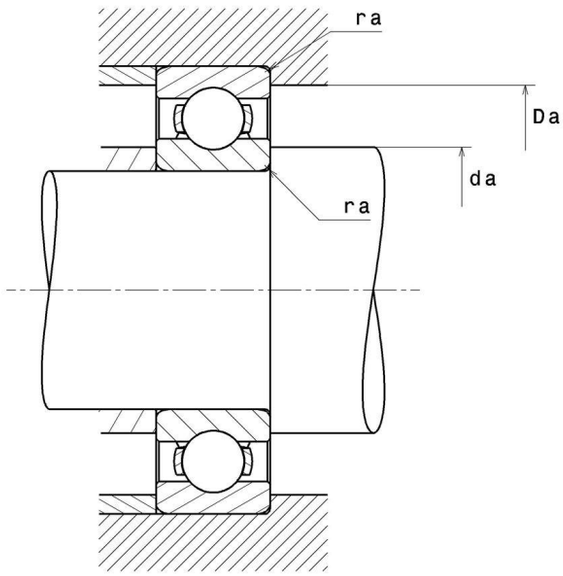
6226C3

Single row deep groove ball bearings

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

VISUAL (S)





6226C3
Single row deep groove ball bearings

PRODUCT DIMENSIONS	
Internal diameter (d)	130 mm
External diameter (D)	230 mm
Bearing/Inner ring width (B)	40 mm
Min fillet radius (rs)	3 mm
Radial clearance class	C3
Mass	5,82 kg
Brand	NTN

PRODUCT PERFORMANCE	
Dynamic load (C)	185 kN
Static load (C0)	146 kN
Fatigue limit load (Cu)	8,55 kN
Coefficient f0	14.5
Nlim (oil)	3100 tr/min
Nlim (grease)	2700 tr/min
Min operating temperature (Tmin)	-40 °C
Max operating temperature (Tmax)	120 °C

ABUTMENT	
Min shoulder diameter IR (da min)	143 mm
Max shoulder diameter OR (Da max)	217 mm
Max shaft & housing fillet radius (ra max)	2,5 mm

INDUSTRY CALCUL 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