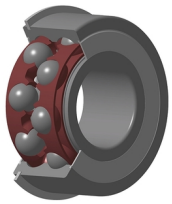
Technical datasheet

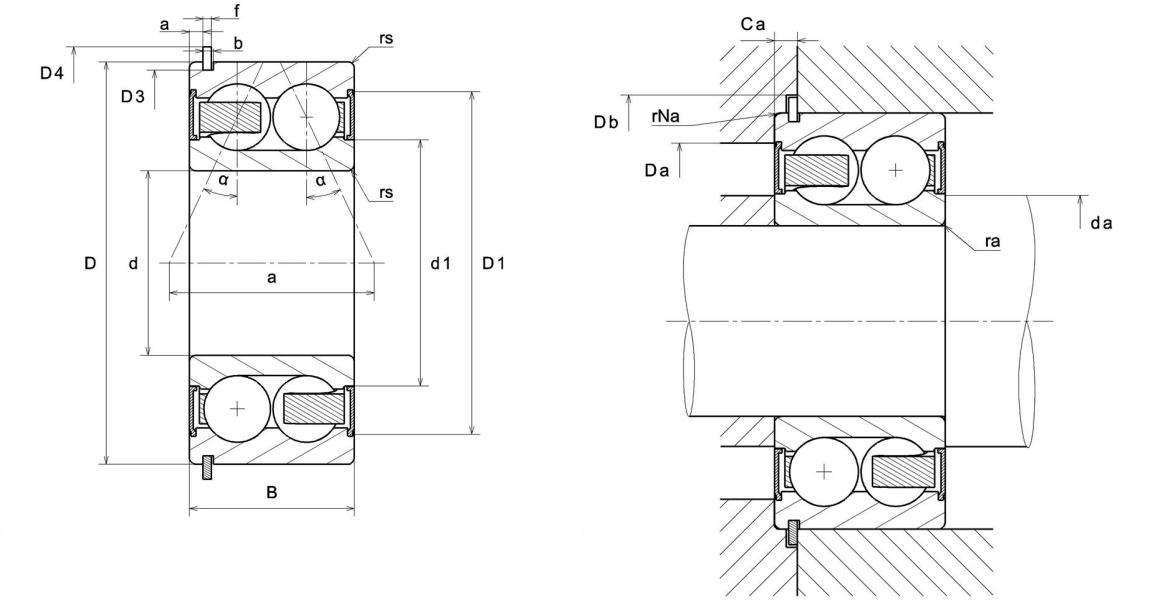
5204NRZZG15

Double row angular contact ball bearings



Double row angular contact ball bearing, polyamide cage, snap ring and groove on outer diameter, shield on both sides

Visual(s)



Product definition

d	20 mm
D	47 mm
B	20.6 mm
d1	28.8 mm
D1	41.9 mm
a	24.2 mm
Contact angle α	25 °
a min	2.31 mm
a max	2.46 mm
rs min	1 mm
rNs min	0.6 mm
D3 max	44.6 mm
b min	1.35 mm
b max	1.65 mm
r0 max	0.4 mm
D4 max	52.7 mm
f	1.07 mm
Snap ring reference	R 47
Radial clearance class	CN
Precision class	P0
Mass	0.14 kg
Brand	SNR

Product performance

Dynamic load, C	19.1 kN
Static load, C0	12.5 kN
Fatigue limit load, Cu	0.81 kN
f0	13.7
Nref	12,000 rpm
Nlim	12,000 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	4.09 Hz
Characteristic outer ring frequency, BPF0	3.15 Hz
Characteristic inner ring frequency, BPFI	4.85 Hz