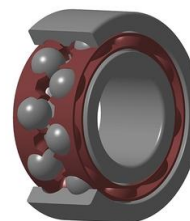


Technical data

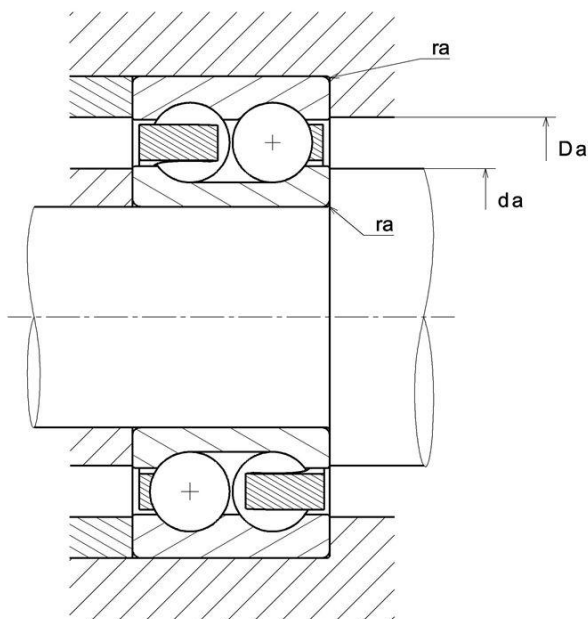
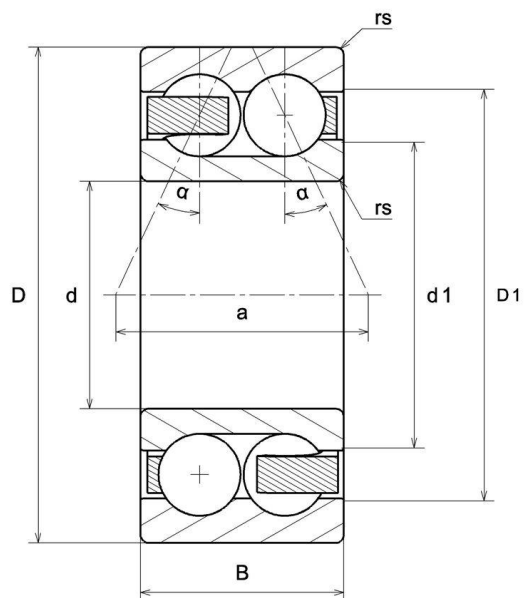
3204AC3

Double row angular contact ball bearings



Double row angular contact ball bearing, polyamide cage, open

VISUAL (S)



3204AC3

Double row angular contact ball bearings

PRODUCT DEFINITION

Brand	SNR
d - Internal diameter	20 mm
D - External diameter	47 mm
B - Bearing/Inner ring width	20,6 mm
d1 - External diameter inner ring	28,7 mm
D1 - Inner diameter outer ring	38,7 mm
a - Charge load application point	24,1 mm
- Contact angle	25 °
rs - Min fillet radius	1 mm
Radial clearance class	C3
Precision class	P0
Mass	0,147 kg

PRODUCT PERFORMANCE

C - Dynamic load	19100000 mN
C0 - Static load	12400000 mN
Cu - Fatigue limit load	810000 mN
f0 - Coefficient	13.6
N ref - Reference thermal speed	72000 °/s
N lim - Mechanical Limit Speed	90000 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

BEARING FREQUENCIES

BPFO - Over rolling frequency on outer ring (60 rpm)	3.141 Hz
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NTN Europe

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 SIRET 325 821 072 00015 · Code APE 2815 Z · Code NACE 28.15

3204AC3

Double row angular contact ball bearings

BEARING FREQUENCIES

BPFI - Over rolling frequency on inner (60 rpm)	4.859 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	4.026 Hz
BRF - Rotational frequency - rolling element (60 rpm)	2.013 Hz
FTF - Rotational frequency - cage (60 rpm)	0.393 Hz

ABUTMENT

da min - Min shoulder diameter IR	25 mm
Da max - Max shoulder diameter OR	42 mm
ra max - Max shaft & housing fillet radius	1 mm



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