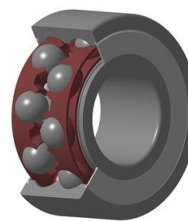


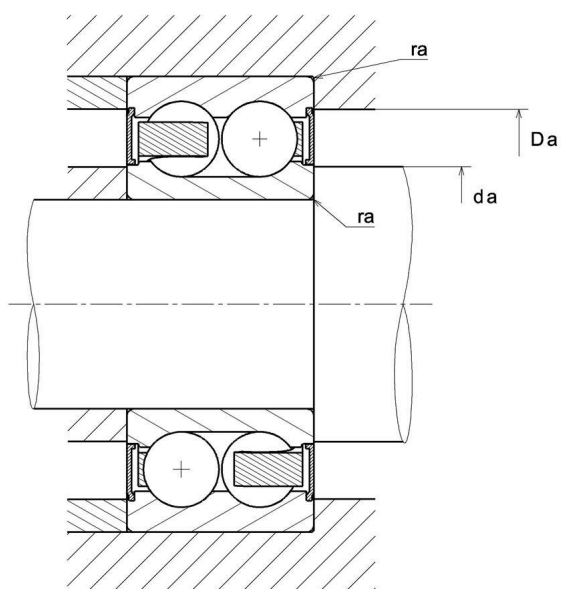
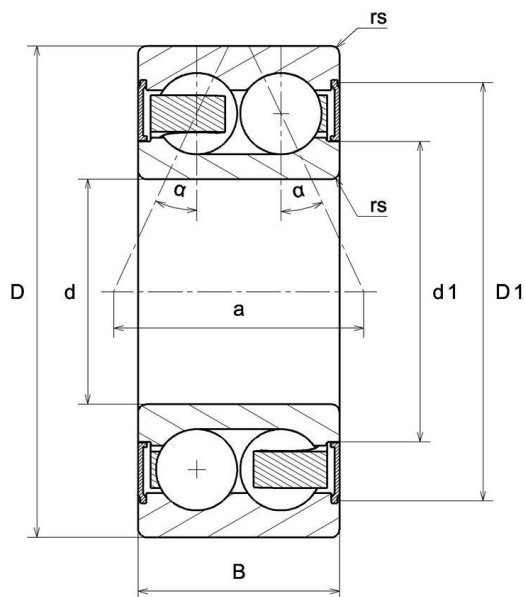
Technical data

5202ZZG15

Double row angular contact ball bearings



VISUAL (S)



PRODUCT DEFINITION

Brand	SNR
d - Internal diameter	15 mm
D - External diameter	35 mm
B - Bearing/Inner ring width	15,9 mm
d1 - External diameter inner ring	21,1 mm
D1 - Inner diameter outer ring	31,5 mm
a - Charge load application point	18 mm
- Contact angle	25 °
rs - Min fillet radius	0,6 mm
Radial clearance class	CN
Precision class	P0
Mass	0,058 kg

PRODUCT PERFORMANCE

C - Dynamic load	11400000 mN
C0 - Static load	7100000 mN
Cu - Fatigue limit load	480000 mN
f0 - Coefficient	13.5
N ref - Reference thermal speed	84000 °/s
N lim - Mechanical Limit Speed	96000 °/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)	3.13 Hz
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5202ZZG15

Double row angular contact ball bearings

BEARING FREQUENCIES

BPFI - Over rolling frequency on inner (60 rpm)	4.87 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	3.97 Hz
BRF - Rotational frequency - rolling element (60 rpm)	1.985 Hz
FTF - Rotational frequency - cage (60 rpm)	0.391 Hz

ABUTMENT

da min - Min shoulder diameter IR	19 mm
da max - Max shoulder diameter IR	21,1 mm
Da max - Max shoulder diameter OR	31 mm
ra max - Max shaft & housing fillet radius	0,6 mm



NTN Europe

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