



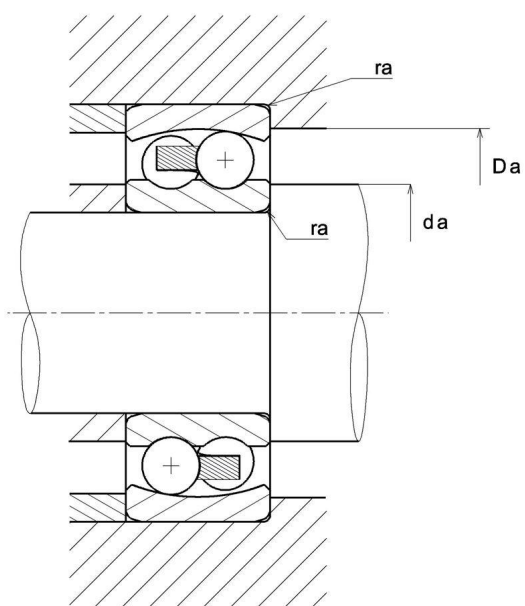
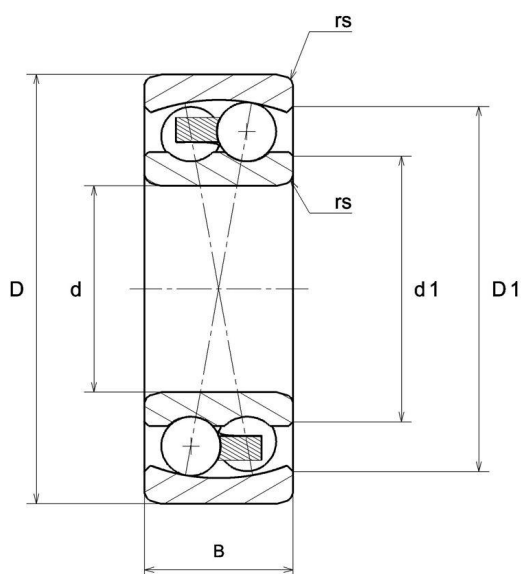
Technical data

2202G15

Double-row self-aligning ball bearings

Self-aligning ball bearing, polyamide cage, open

VISUAL (S)



PRODUCT DEFINITION

Brand	SNR
d - Internal diameter	15 mm
D - External diameter	35 mm
B - Bearing/Inner ring width	14 mm
d1 - External diameter inner ring	20,3 mm
D1 - Inner diameter outer ring	29,2 mm
rs - Min fillet radius	0,6 mm
Radial clearance class	CN
Precision class	P0
Mass	0,063 kg

PRODUCT PERFORMANCE

C - Dynamic load	9200000 mN
C0 - Static load	2100000 mN
Cu - Fatigue limit load	100000 mN
e - Coefficient	0.46
Y0 - Static axial load coefficient	1.44
Y1 - Lower axial load coefficient	1.37
Y2 - Upper axial load coefficient	2.13
N ref - Reference thermal speed	114000 °/s
N lim - Mechanical Limit Speed	156000 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K



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BEARING FREQUENCIES

BPFO - Over rolling frequency on outer ring (60 rpm)	3.386 Hz
BPFI - Over rolling frequency on inner (60 rpm)	5.614 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	3.626 Hz
BRF - Rotational frequency - rolling element (60 rpm)	1.813 Hz
FTF - Rotational frequency - cage (60 rpm)	0.376 Hz

ABUTMENT

da min - Min shoulder diameter IR	19 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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