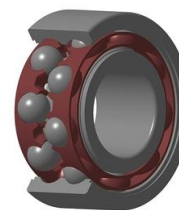


Technical data

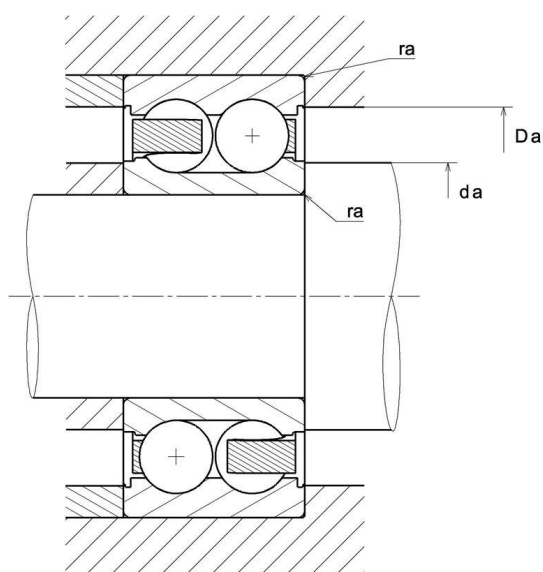
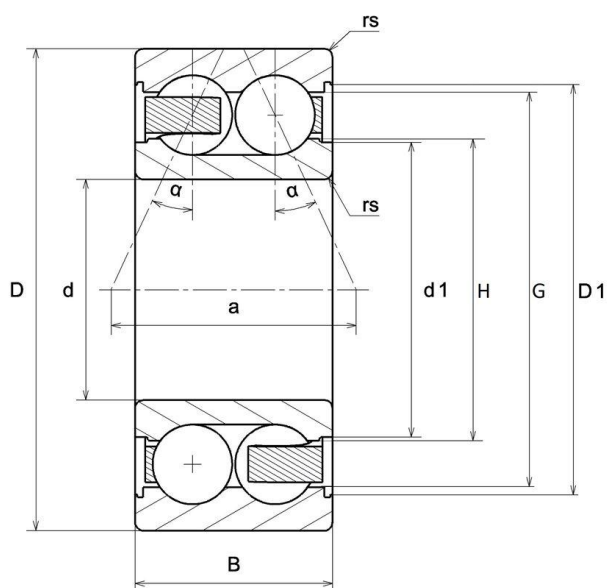
3304A

Double row angular contact ball bearings



Double row angular contact ball bearing, polyamide cage, open

VISUAL (S)



PRODUCT DEFINITION

Brand	SNR
d - Internal diameter	20 mm
D - External diameter	52 mm
B - Bearing/Inner ring width	22,2 mm
d1 - External diameter inner ring	30 mm
D1 - Inner diameter outer ring	45 mm
a - Charge load application point	26,4 mm
- Contact angle	25 °
rs - Min fillet radius	1,1 mm
Radial clearance class	CN
Precision class	P0
Mass	0,208 kg

PRODUCT PERFORMANCE

C - Dynamic load	22900000 mN
C0 - Static load	15100000 mN
Cu - Fatigue limit load	950000 mN
f0 - Coefficient	13.6
N ref - Reference thermal speed	54600 °/s
N lim - Mechanical Limit Speed	78000 °/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)	3.145 Hz
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3304A

Double row angular contact ball bearings

BEARING FREQUENCIES

BPFI - Over rolling frequency on inner (60 rpm)	4.855 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	4.044 Hz
BRF - Rotational frequency - rolling element (60 rpm)	2.022 Hz
FTF - Rotational frequency - cage (60 rpm)	0.393 Hz

ABUTMENT

da min - Min shoulder diameter IR	26,5 mm
Da max - Max shoulder diameter OR	45,5 mm
ra max - Max shaft & housing fillet radius	1 mm



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