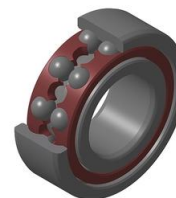


Technical data

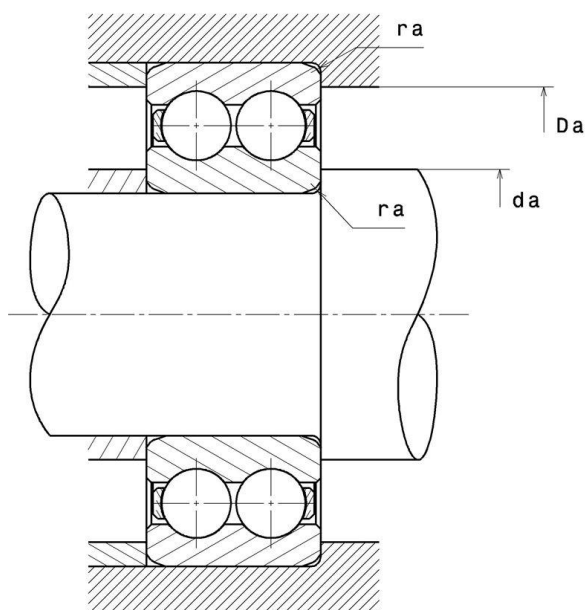
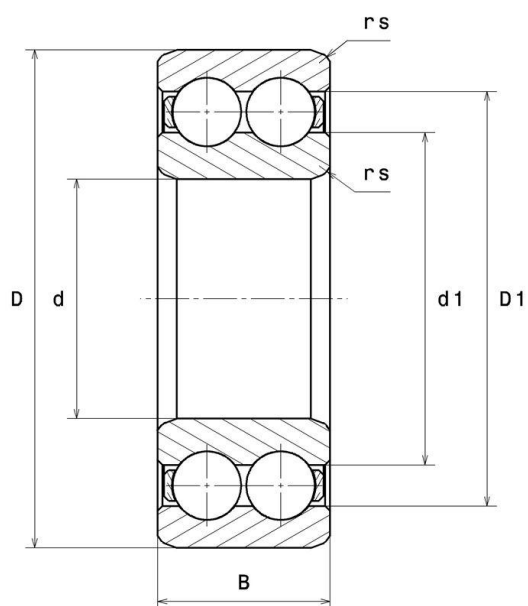
4207A

Double row deep groove ball bearings



Double row deep groove ball bearing, polyamide cage, open

VISUAL (S)



PRODUCT DEFINITION

Brand	SNR
d - Internal diameter	35 mm
D - External diameter	72 mm
B - Bearing/Inner ring width	23 mm
d1 - External diameter inner ring	47,8 mm
D1 - Inner diameter outer ring	59,2 mm
rs - Min fillet radius	1,1 mm
Radial clearance class	CN
Precision class	P0
Mass	0,4 kg

PRODUCT PERFORMANCE

C - Dynamic load	32200000 mN
C0 - Static load	26300000 mN
Cu - Fatigue limit load	1460000 mN
f0 - Coefficient	14.5
N ref - Reference thermal speed	52200 °/s
N lim - Mechanical Limit Speed	54000 °/s
Tmin - Min operating temperature	243,15 °K
Tmax - Max operating temperature	403,15 °K

BEARING FREQUENCIES

BPFO - Over rolling frequency on outer ring (60 rpm)	4.11 Hz
BPFI - Over rolling frequency on inner (60 rpm)	5.89 Hz
FTF - Rotational frequency - cage (60 rpm)	0.411 Hz



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Double row deep groove ball bearings

BEARING FREQUENCIES

BRF - Rotational frequency - rolling element (60 rpm)	2.72 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	5.439 Hz

ABUTMENT

da min - Min shoulder diameter IR	42 mm
Da max - Max shoulder diameter OR	65 mm
ra max - Max shaft & housing fillet radius	1 mm



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