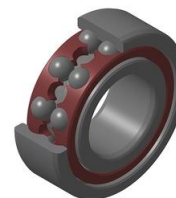


Technical data

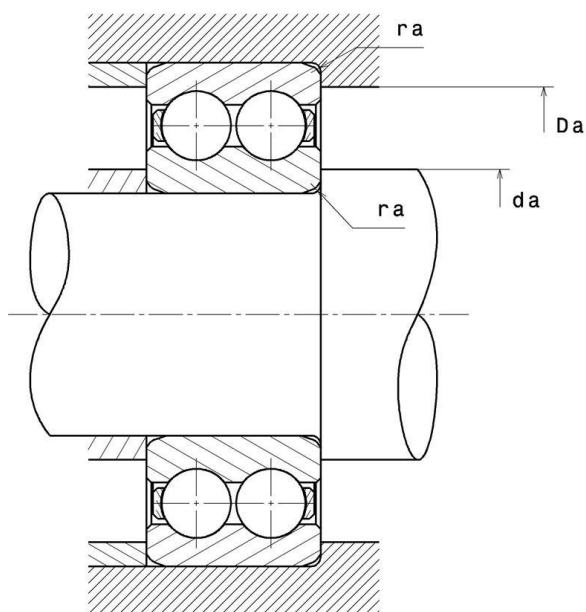
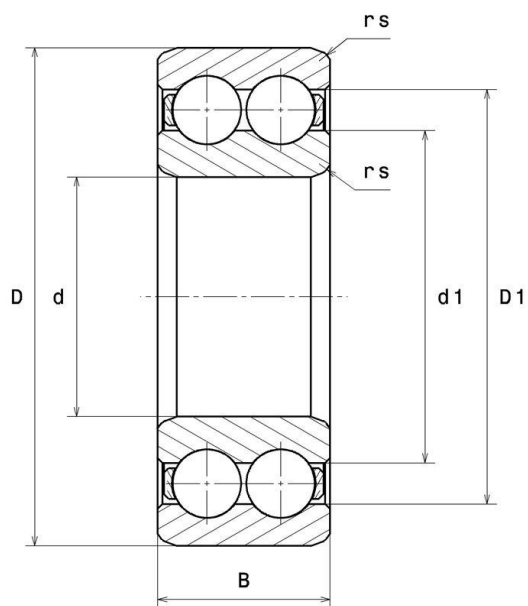
4210A

Double row deep groove ball bearings



Double row deep groove ball bearing, polyamide cage, open

VISUAL (S)



PRODUCT DEFINITION

Brand	SNR
d - Internal diameter	50 mm
D - External diameter	90 mm
B - Bearing/Inner ring width	23 mm
d1 - External diameter inner ring	65 mm
D1 - Inner diameter outer ring	77 mm
rs - Min fillet radius	1,1 mm
Radial clearance class	CN
Precision class	P0
Mass	0,58 kg

PRODUCT PERFORMANCE

C - Dynamic load	37400000 mN
C0 - Static load	36700000 mN
Cu - Fatigue limit load	2020000 mN
f0 - Coefficient	15.6
N ref - Reference thermal speed	37800 °/s
N lim - Mechanical Limit Speed	40800 °/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)	5.628 Hz
BPFI - Over rolling frequency on inner (60 rpm)	7.372 Hz
FTF - Rotational frequency - cage (60 rpm)	0.433 Hz



4210A

Double row deep groove ball bearings

BEARING FREQUENCIES

BRF - Rotational frequency - rolling element (60 rpm)	3.66 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	7.32 Hz

ABUTMENT

da min - Min shoulder diameter IR	57 mm
Da max - Max shoulder diameter OR	83 mm
ra max - Max shaft & housing fillet radius	1 mm



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S.A. au capital de 322 639 919 € · RCS ANNECY B 325 821 072 · Id. Fiscale : FR 48 325 821 072
SIRET 325 821 072 00015 · Code APE 2815 Z · Code NACE 28.15