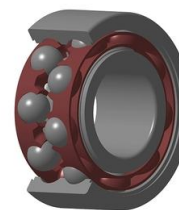


Technical data

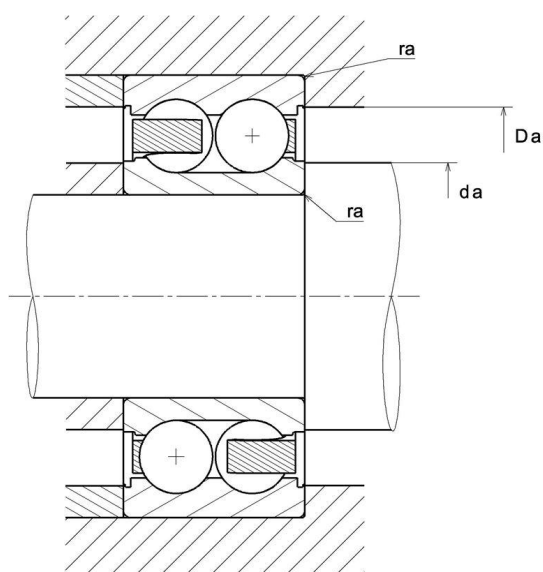
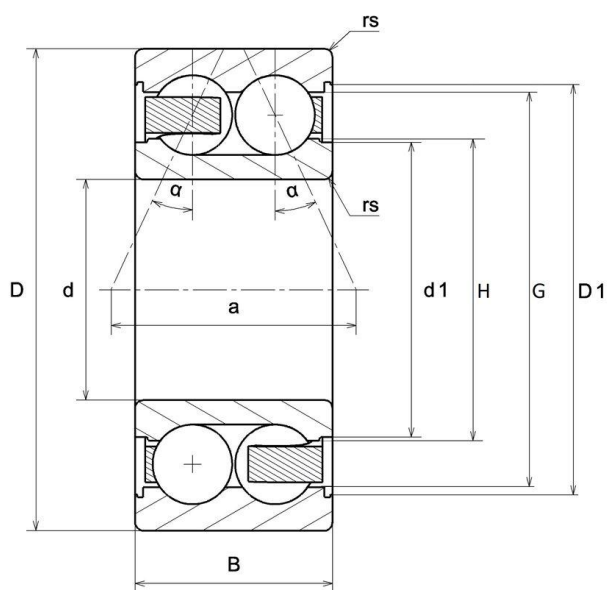
3207A

Double row angular contact ball bearings



Double row angular contact 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	27 mm
d1 - External diameter inner ring	42,4 mm
D1 - Inner diameter outer ring	63,8 mm
a - Charge load application point	36,5 mm
- Contact angle	25 °
rs - Min fillet radius	1,1 mm
Radial clearance class	CN
Precision class	P0
Mass	0,419 kg

PRODUCT PERFORMANCE	
C - Dynamic load	37,4 kN
C0 - Static load	28,2 kN
Cu - Fatigue limit load	1,73 kN
f0 - Coefficient	14.3
N ref - Reference thermal speed	7600 tr/min
N lim - Mechanical Limit Speed	9200 tr/min
Tmin - Min operating temperature	-20 °C
Tmax - Max operating temperature	120 °C

BEARING FREQUENCIES	
BPFO - Characteristic outer ring frequency (60 rpm)	3.661 Hz



3207A

Double row angular contact ball bearings

BEARING FREQUENCIES

BPFI - Characteristic inner ring frequency (60 rpm)	5.339 Hz
FTF - Characteristic cage frequency (60 rpm)	0.407 Hz
BSF - Characteristic rolling element frequency (60 rpm)	4.695 Hz

ABUTMENT

da min - Min shoulder diameter IR	41,5 mm
Da max - Max shoulder diameter OR	65,5 mm
ra max - Max shaft & housing fillet radius	1 mm



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