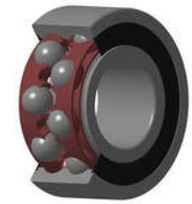
Brand of NTN corporation

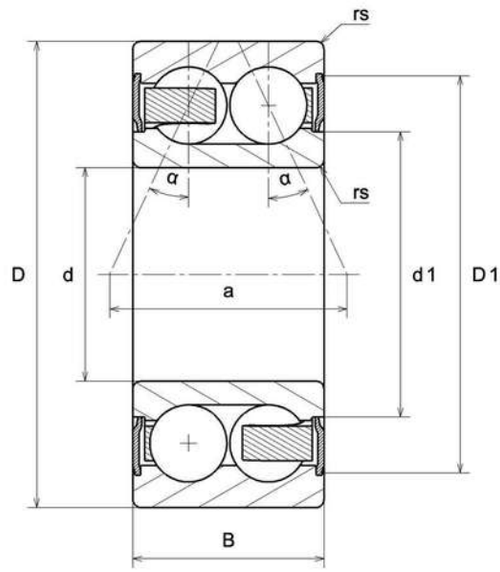
Technical data

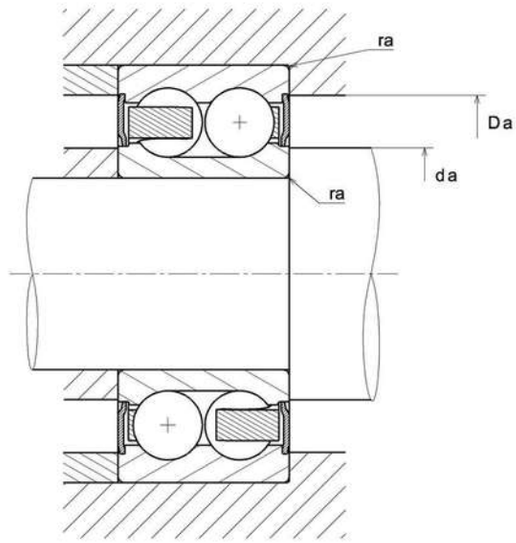
5204EEG15

Double row angular contact ball bearings



VISUAL (S)





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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

5204EEG15
Double row angular contact ball bearings

PRODUCT DEFINITION	
Brand	SNR
d - Internal diameter	20 mm
D - External diameter	47 mm
B - Bearing/Inner ring width	20,6 mm
d1 - External diameter inner ring	28,8 mm
D1 - Inner diameter outer ring	41,9 mm
a - Charge load application point	24,2 mm
- Contact angle	25 °
rs - Min fillet radius	1 mm
Radial clearance class	CN
Precision class	P0
Mass	0,14 kg

PRODUCT PERFORMANCE	
C - Dynamic load	19,1 kN
C0 - Static load	12,5 kN
Cu - Fatigue limit load	0,81 kN
f0 - Coefficient	13.7
Nlim - Mechanical Limit Speed	10000 tr/min
Tmin - Min operating temperature	-20 °C
Tmax - Max operating temperature	120 °C

BEARING FREQUENCIES	
BPFO - Characteristic outer ring frequency (60 rpm)	3.154 Hz
BPFI - Characteristic inner ring frequency (60 rpm)	4.846 Hz

BEARING FREQUENCIES	
FTF - Characteristic cage frequency (60 rpm)	0.394 Hz
BSF - Characteristic rolling element frequency (60 rpm)	4.091 Hz

ABUTMENT	
da min - Min shoulder diameter IR	25 mm
da max - Max shoulder diameter IR	28,8 mm
Da max - Max shoulder diameter OR	42 mm
ra max - Max shaft & housing fillet radius	1 mm