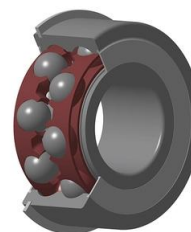


Technical data

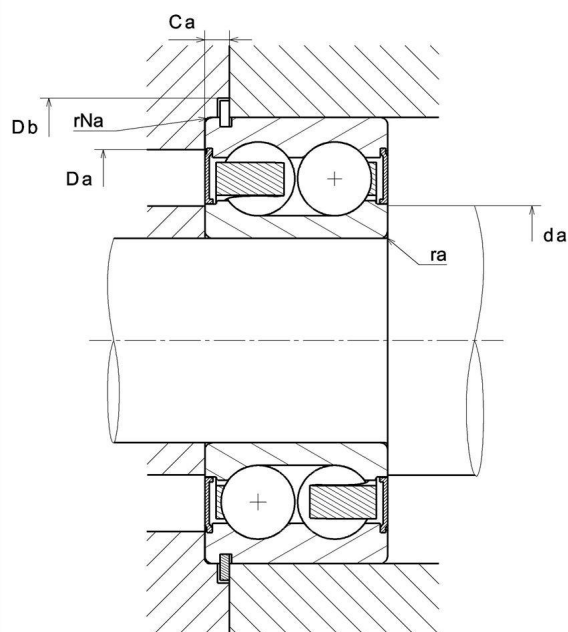
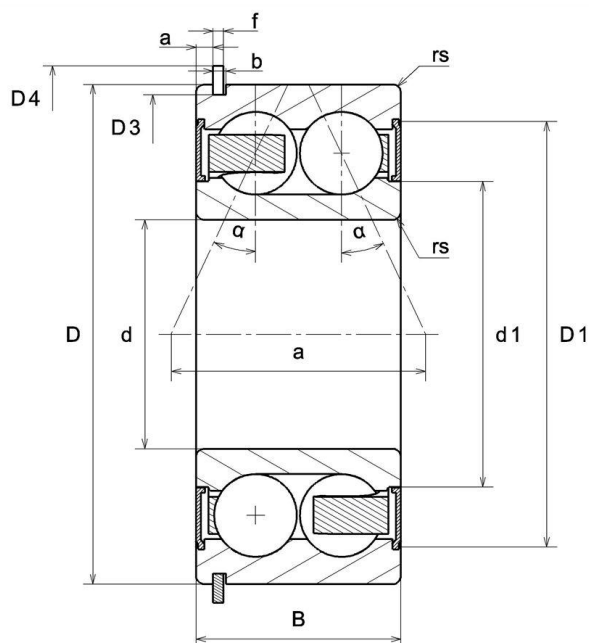
5206NRZZG15

Double row angular contact ball bearings



Double row angular contact ball bearing, polyamide cage, snap ring and groove on outer diameter, shield on both sides

VISUAL (S)



5206NRZZG15

Double row angular contact ball bearings

PRODUCT DEFINITION

Brand	SNR
d - Internal diameter	30 mm
D - External diameter	62 mm
B - Bearing/Inner ring width	23,8 mm
d1 - External diameter inner ring	40 mm
D1 - Inner diameter outer ring	55,7 mm
a - Charge load application point	31,4 mm
- Contact angle	25 °
a min - Min position Groove	3,07 mm
a max - Max position groove	3,28 mm
rs - Min fillet radius	1 mm
rNs - Min fillet radius	0,6 mm
D3 - Max bottom groove diameter	59,61 mm
b min - Min groove width	1,9 mm
b max - Max groove width	2,2 mm
r0 max - Max bottom groove radius	0,6 mm
D4 max - Max outer diameter of assembled stop ring	67,7 mm
f - Stop ring thickness	1,65 mm
Snap ring reference	R 62
Radial clearance class	CN
Precision class	P0
Mass	0,265 kg



NTN Europe

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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

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Double row angular contact ball bearings

PRODUCT PERFORMANCE

C - Dynamic load	28100000 mN
C0 - Static load	21100000 mN
Cu - Fatigue limit load	1320000 mN
f0 - Coefficient	14.3
N ref - Reference thermal speed	51000 °/s
N lim - Mechanical Limit Speed	51000 °/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)	3.656 Hz
BPFI - Over rolling frequency on inner (60 rpm)	5.344 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	4.659 Hz
BRF - Rotational frequency - rolling element (60 rpm)	2.33 Hz
FTF - Rotational frequency - cage (60 rpm)	0.406 Hz

ABUTMENT

da min - Min shoulder diameter IR	35 mm
da max - Max shoulder diameter IR	40 mm
Da max - Max shoulder diameter OR	57 mm
Ca min - Mini segment position	4,67 mm
Ca max - Max segment position	4,98 mm
ra max - Max shaft & housing fillet radius	1 mm
rNa max - Max fillet radius on segment side	0,6 mm
Db min - Min stop ring position diameter	68,4 mm



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