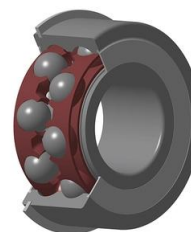


Technical data

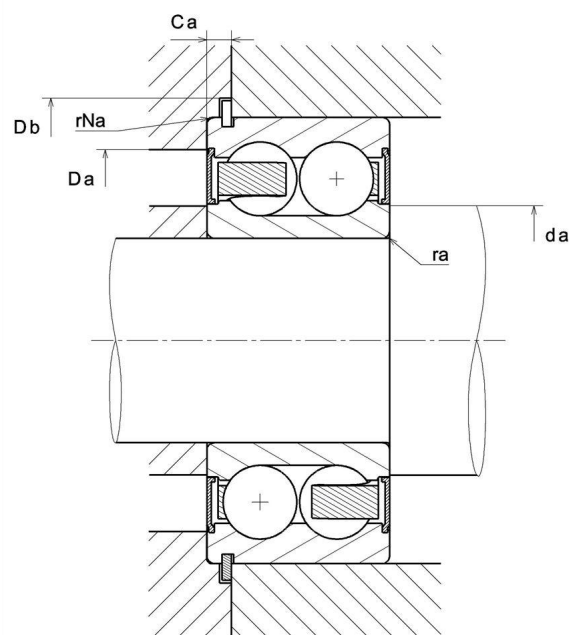
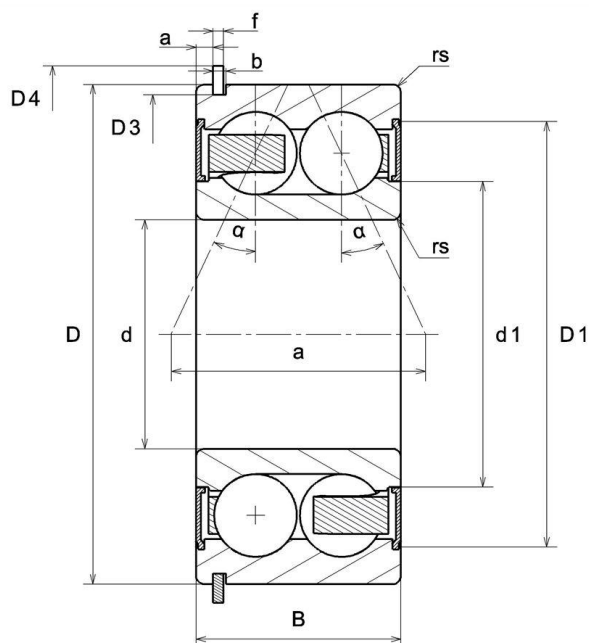
5306NRZZG15

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)



5306NRZZG15

Double row angular contact ball bearings

PRODUCT DEFINITION

Brand	SNR
d - Internal diameter	30 mm
D - External diameter	72 mm
B - Bearing/Inner ring width	30,2 mm
d1 - External diameter inner ring	44 mm
D1 - Inner diameter outer ring	62,4 mm
a - Charge load application point	36,2 mm
- Contact angle	25 °
a min - Min position Groove	3,07 mm
a max - Max position groove	3,28 mm
rs - Min fillet radius	1,1 mm
rNs - Min fillet radius	0,6 mm
D3 - Max bottom groove diameter	68,81 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	78,6 mm
f - Stop ring thickness	1,65 mm
Snap ring reference	R 72
Radial clearance class	CN
Precision class	P0
Mass	0,496 kg



NTN Europe

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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	40000000 mN
C0 - Static load	28500000 mN
Cu - Fatigue limit load	1790000 mN
f0 - Coefficient	13.6
N ref - Reference thermal speed	43200 °/s
N lim - Mechanical Limit Speed	45000 °/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)	3.147 Hz
BPFI - Over rolling frequency on inner (60 rpm)	4.853 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	4.057 Hz
BRF - Rotational frequency – rolling element (60 rpm)	2.029 Hz
FTF - Rotational frequency - cage (60 rpm)	0.393 Hz

ABUTMENT

da min - Min shoulder diameter IR	36,5 mm
da max - Max shoulder diameter IR	44 mm
Da max - Max shoulder diameter OR	65,5 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	80 mm



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