



Technical data

5305SNR

Double row angular contact ball bearings

PRODUCT DEFINITION	
Brand	NTN
d - Internal diameter	25 mm
D - External diameter	62 mm
B - Bearing/Inner ring width	25,4 mm
a - Charge load application point	31,8 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	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	R62
Radial clearance class	CN
Precision class	P0



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

PRODUCT DEFINITION

Mass	0,36 kg
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PRODUCT PERFORMANCE

C - Dynamic load	32500000 mN
C0 - Static load	20700000 mN
Cu - Fatigue limit load	1300000 mN
N lim - Oil lubrication limit speed	60000 °/s
N lim - Grease lubrication limit speed	45000 °/s
Tmin - Min operating temperature	233,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	32 mm
Da max - Max shoulder diameter OR	55 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

