

Technical data

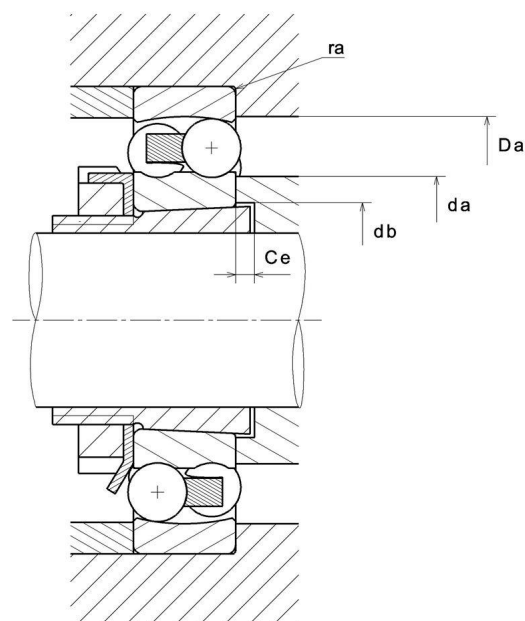
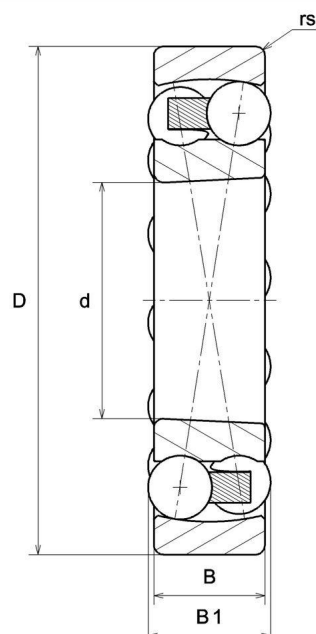
2222SKC3

Double-row self-aligning ball bearings



Self-aligning ball bearing with ball protrusion, pressed steel cage, tapered bore, open

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	110 mm
D - External diameter	200 mm
B - Bearing/Inner ring width	53 mm
B1 - overall width	54 mm
rs - Min fillet radius	2,1 mm
Associated sleeve reference	H322X
Radial clearance class	C3
Precision class	P0
Mass	6,75 kg

PRODUCT PERFORMANCE

C - Dynamic load	122000000 mN
C0 - Static load	51500000 mN
Cu - Fatigue limit load	2900000 mN
e - Coefficient	0.28
Y0 - Static axial load coefficient	2.3
Y1 - Lower axial load coefficient	2.2
Y2 - Upper axial load coefficient	3.5
N lim - Oil lubrication limit speed	20400 °/s
N lim - Grease lubrication limit speed	16800 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K



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ABUTMENT	
da min - Min shoulder diameter IR	121 mm
da max - Max shoulder diameter IR	137 mm
db - Min diameter for Sleeve	117 mm
Ce - Min length fro Sleeve	6 mm
Da max - Max shoulder diameter OR	189 mm
ra max - Max shaft & housing fillet radius	2 mm



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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