

Technical data

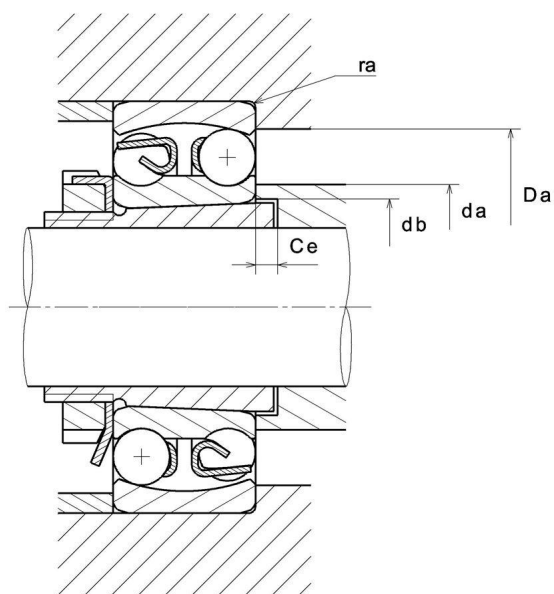
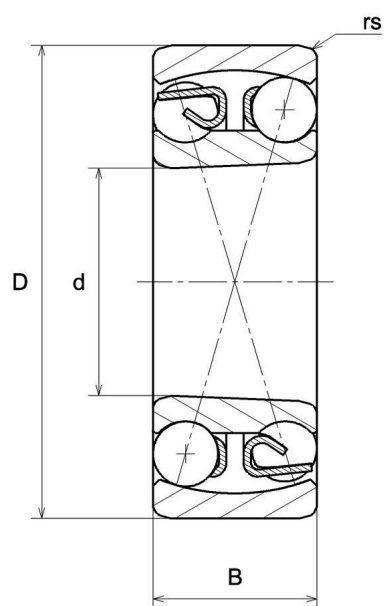
2207SKC3

Double-row self-aligning ball bearings



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

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	35 mm
D - External diameter	72 mm
B - Bearing/Inner ring width	23 mm
rs - Min fillet radius	1,1 mm
Associated sleeve reference	H307X
Radial clearance class	C3
Precision class	P0
Mass	0,403 kg

PRODUCT PERFORMANCE

C - Dynamic load	21700000 mN
C0 - Static load	6600000 mN
Cu - Fatigue limit load	320000 mN
e - Coefficient	0.37
Y0 - Static axial load coefficient	1.8
Y1 - Lower axial load coefficient	1.7
Y2 - Upper axial load coefficient	2.6
N lim - Oil lubrication limit speed	60000 °/s
N lim - Grease lubrication limit speed	51000 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	41,5 mm
--	---------



2207SKC3

Double-row self-aligning ball bearings

ABUTMENT	
da max - Max shoulder diameter IR	45 mm
db - Min diameter for Sleeve	39 mm
Ce - Min length fro Sleeve	5 mm
Da max - Max shoulder diameter OR	65,5 mm
ra max - Max shaft & housing fillet radius	1 mm



NTN Europe

1 rue des Usines · BP 2017 · 74010 Annecy Cedex · France · Tel. +33 (0)4 50 65 30 00
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