

Technical data

2307SK

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	80 mm
B - Bearing/Inner ring width	31 mm
rs - Min fillet radius	1,5 mm
Associated sleeve reference	H2307X
Radial clearance class	CN
Precision class	P0
Mass	0,671 kg

PRODUCT PERFORMANCE

C - Dynamic load	40000000 mN
C0 - Static load	11300000 mN
Cu - Fatigue limit load	480000 mN
e - Coefficient	0.46
Y0 - Static axial load coefficient	1.4
Y1 - Lower axial load coefficient	1.4
Y2 - Upper axial load coefficient	2.1
N lim - Oil lubrication limit speed	54000 °/s
N lim - Grease lubrication limit speed	42600 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	43 mm
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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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ABUTMENT	
da max - Max shoulder diameter IR	46 mm
db - Min diameter for Sleeve	40 mm
Ce - Min length fro Sleeve	5 mm
Da max - Max shoulder diameter OR	72 mm
ra max - Max shaft & housing fillet radius	1,5 mm



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