

Technical data

1220SKC3

Double-row self-aligning ball bearings



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

VISUAL (S)



1220SKC3

Double-row self-aligning ball bearings

PRODUCT DEFINITION	
Brand	NTN
d - Internal diameter	100 mm
D - External diameter	180 mm
B - Bearing/Inner ring width	34 mm
rs - Min fillet radius	2,1 mm
Associated sleeve reference	H220X
Radial clearance class	C3
Precision class	P0
Mass	3,74 kg

PRODUCT PERFORMANCE	
C - Dynamic load	69500000 mN
C0 - Static load	29700000 mN
Cu - Fatigue limit load	1200000 mN
e - Coefficient	0.17
Y0 - Static axial load coefficient	3.8
Y1 - Lower axial load coefficient	3.6
Y2 - Upper axial load coefficient	5.6
N lim - Oil lubrication limit speed	22800 °/s
N lim - Grease lubrication limit speed	19200 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT	
da min - Min shoulder diameter IR	111 mm



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	125 mm
db - Min diameter for Sleeve	106 mm
Ce - Min length fro Sleeve	7 mm
Da max - Max shoulder diameter OR	169 mm
ra max - Max shaft & housing fillet radius	2 mm



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