

Technical data

1219SKC3

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	95 mm
D - External diameter	170 mm
B - Bearing/Inner ring width	32 mm
rs - Min fillet radius	2,1 mm
Associated sleeve reference	H219X
Radial clearance class	C3
Precision class	P0
Mass	3,12 kg

PRODUCT PERFORMANCE

C - Dynamic load	64000000 mN
C0 - Static load	27100000 mN
Cu - Fatigue limit load	1100000 mN
e - Coefficient	0.17
Y0 - Static axial load coefficient	3.9
Y1 - Lower axial load coefficient	3.7
Y2 - Upper axial load coefficient	5.8
N lim - Oil lubrication limit speed	24000 °/s
N lim - Grease lubrication limit speed	20400 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	106 mm
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ABUTMENT	
da max - Max shoulder diameter IR	118 mm
db - Min diameter for Sleeve	101 mm
Ce - Min length fro Sleeve	7 mm
Da max - Max shoulder diameter OR	159 mm
ra max - Max shaft & housing fillet radius	2 mm



NTN Europe

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