

Technical data

1316SK

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	80 mm
D - External diameter	170 mm
B - Bearing/Inner ring width	39 mm
rs - Min fillet radius	2,1 mm
Associated sleeve reference	H316X
Radial clearance class	CN
Precision class	P0
Mass	4,24 kg

PRODUCT PERFORMANCE

C - Dynamic load	89000000 mN
C0 - Static load	33000000 mN
Cu - Fatigue limit load	800000 mN
e - Coefficient	0.22
Y0 - Static axial load coefficient	3.1
Y1 - Lower axial load coefficient	2.9
Y2 - Upper axial load coefficient	4.5
N lim - Oil lubrication limit speed	25800 °/s
N lim - Grease lubrication limit speed	21600 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	91 mm
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ABUTMENT	
da max - Max shoulder diameter IR	103 mm
db - Min diameter for Sleeve	86 mm
Ce - Min length fro Sleeve	5 mm
Da max - Max shoulder diameter OR	159 mm
ra max - Max shaft & housing fillet radius	2 mm



NTN Europe

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