

Technical data

2311S

Double-row self-aligning ball bearings



Self-aligning ball bearing, pressed steel cage, open

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	55 mm
D - External diameter	120 mm
B - Bearing/Inner ring width	43 mm
rs - Min fillet radius	2 mm
Radial clearance class	CN
Precision class	P0
Mass	2,08 kg

PRODUCT PERFORMANCE

C - Dynamic load	76500000 mN
C0 - Static load	24000000 mN
Cu - Fatigue limit load	1000000 mN
e - Coefficient	0.41
Y0 - Static axial load coefficient	1.6
Y1 - Lower axial load coefficient	1.5
Y2 - Upper axial load coefficient	2.4
N lim - Oil lubrication limit speed	36000 °/s
N lim - Grease lubrication limit speed	28800 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	64 mm
Da max - Max shoulder diameter OR	111 mm



ABUTMENT	
ra max - Max shaft & housing fillet radius	2 mm