

Technical data

2310SC3

Double-row self-aligning ball bearings



Self-aligning ball bearing, pressed steel cage, open

VISUAL (S)



PRODUCT DEFINITION	
Brand	NTN
d - Internal diameter	50 mm
D - External diameter	110 mm
B - Bearing/Inner ring width	40 mm
rs - Min fillet radius	2 mm
Radial clearance class	C3
Precision class	P0
Mass	1,63 kg

PRODUCT PERFORMANCE	
C - Dynamic load	65000000 mN
C0 - Static load	20200000 mN
Cu - Fatigue limit load	860000 mN
e - Coefficient	0.42
Y0 - Static axial load coefficient	1.6
Y1 - Lower axial load coefficient	1.5
Y2 - Upper axial load coefficient	2.3
N lim - Oil lubrication limit speed	37800 °/s
N lim - Grease lubrication limit speed	30000 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT	
da min - Min shoulder diameter IR	59 mm
Da max - Max shoulder diameter OR	101 mm



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