

Technical data

1218SC3

Double-row self-aligning ball bearings



Self-aligning ball bearing, pressed steel cage, open

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	90 mm
D - External diameter	160 mm
B - Bearing/Inner ring width	30 mm
rs - Min fillet radius	2 mm
Radial clearance class	C3
Precision class	P0
Mass	2,56 kg

PRODUCT PERFORMANCE

C - Dynamic load	57500000 mN
C0 - Static load	23500000 mN
Cu - Fatigue limit load	940000 mN
e - Coefficient	0.17
Y0 - Static axial load coefficient	3.9
Y1 - Lower axial load coefficient	3.8
Y2 - Upper axial load coefficient	5.8
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	99 mm
Da max - Max shoulder diameter OR	151 mm



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