

Technical data

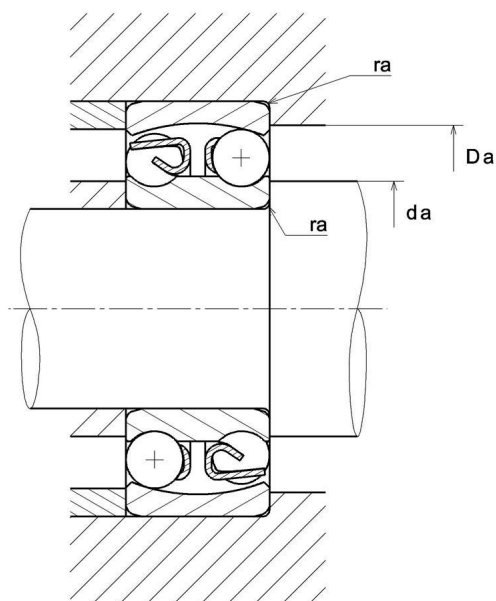
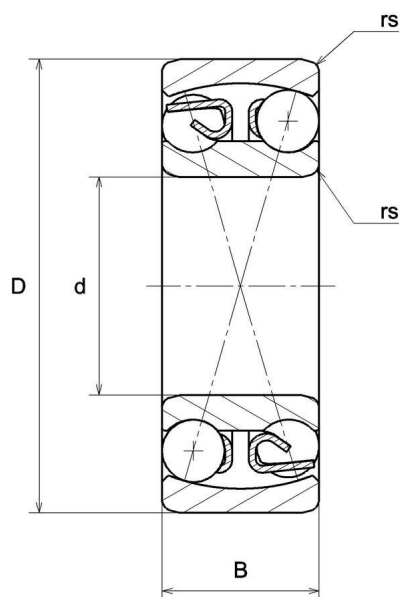
1220S

Double-row self-aligning ball bearings



Self-aligning ball bearing, pressed steel cage, open

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	100 mm
D - External diameter	180 mm
B - Bearing/Inner ring width	34 mm
rs - Min fillet radius	2,1 mm
Radial clearance class	CN
Precision class	P0
Mass	3,74 kg

PRODUCT PERFORMANCE

C - Dynamic load	69500000 mN
C0 - Static load	29700000 mN
Cu - Fatigue limit load	1200000 mN
e - Coefficient	0.17
Y0 - Static axial load coefficient	3.8
Y1 - Lower axial load coefficient	3.6
Y2 - Upper axial load coefficient	5.6
N lim - Oil lubrication limit speed	22800 °/s
N lim - Grease lubrication limit speed	19200 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	111 mm
Da max - Max shoulder diameter OR	169 mm



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ABUTMENT

ra max - Max shaft & housing fillet radius

2 mm



NTN Europe

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