

Technical data

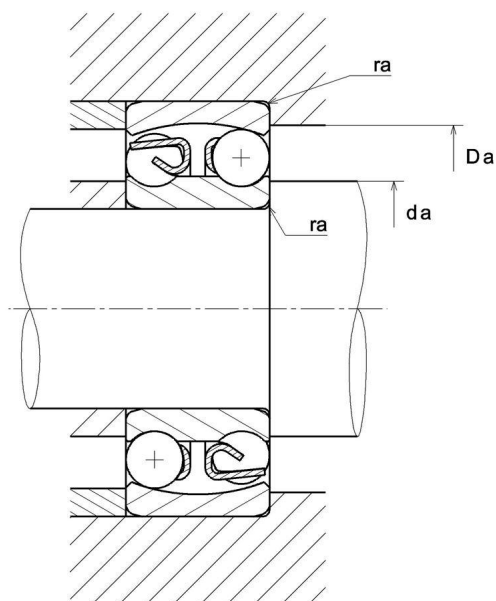
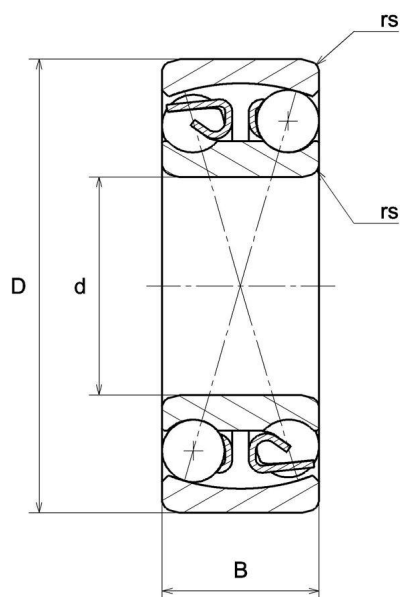
2308S

Double-row self-aligning ball bearings



Self-aligning ball bearing, pressed steel cage, open

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	40 mm
D - External diameter	90 mm
B - Bearing/Inner ring width	33 mm
rs - Min fillet radius	1,5 mm
Radial clearance class	CN
Precision class	P0
Mass	0,918 kg

PRODUCT PERFORMANCE

C - Dynamic load	45500000 mN
C0 - Static load	13500000 mN
Cu - Fatigue limit load	580000 mN
e - Coefficient	0.43
Y0 - Static axial load coefficient	1.5
Y1 - Lower axial load coefficient	1.5
Y2 - Upper axial load coefficient	2.3
N lim - Oil lubrication limit speed	48000 °/s
N lim - Grease lubrication limit speed	37800 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	48 mm
Da max - Max shoulder diameter OR	82 mm



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ra max - Max shaft & housing fillet radius	1,5 mm