

Technical data

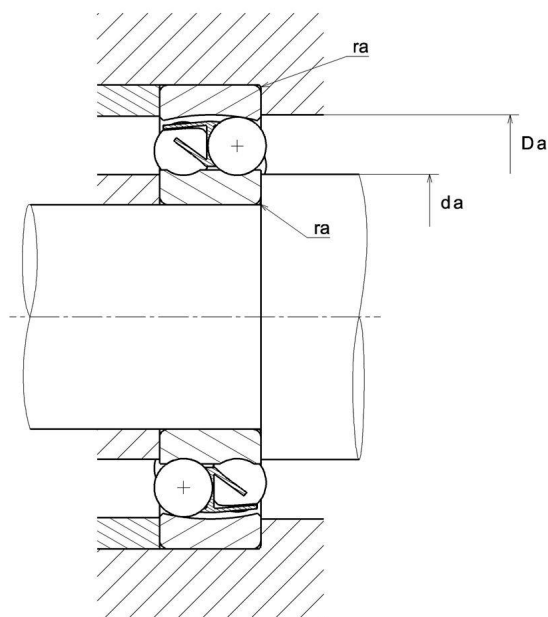
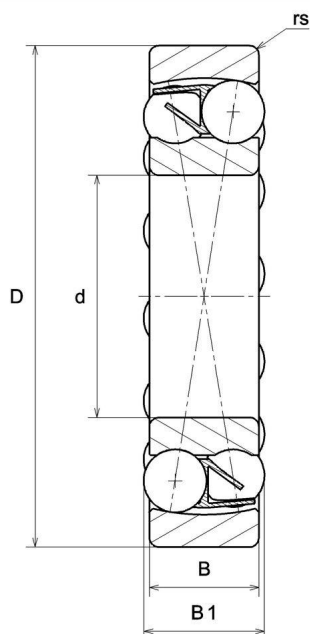
2316SC3

Double-row self-aligning ball bearings



Self-aligning ball bearing with ball protrusion, pressed steel cage, open

VISUAL (S)



PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	80 mm
D - External diameter	170 mm
B - Bearing/Inner ring width	58 mm
B1 - overall width	59 mm
rs - Min fillet radius	2,1 mm
Radial clearance class	C3
Precision class	P0
Mass	5,63 kg

PRODUCT PERFORMANCE

C - Dynamic load	130000000 mN
C0 - Static load	45000000 mN
Cu - Fatigue limit load	1900000 mN
e - Coefficient	0.39
Y0 - Static axial load coefficient	1.7
Y1 - Lower axial load coefficient	1.6
Y2 - Upper axial load coefficient	2.5
N lim - Oil lubrication limit speed	24000 °/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	91 mm
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Double-row self-aligning ball bearings

ABUTMENT	
Da max - Max shoulder diameter OR	159 mm
ra max - Max shaft & housing fillet radius	2 mm