

Technical data

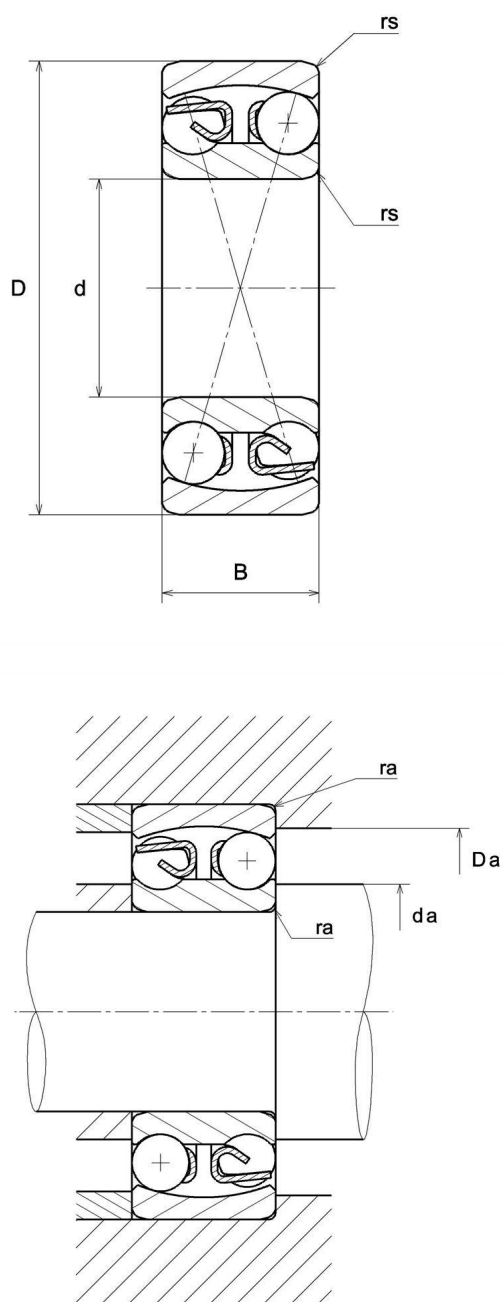
1216SC3

Double-row self-aligning ball bearings



Self-aligning ball bearing, pressed steel cage, open

VISUAL (S)



1216SC3

Double-row self-aligning ball bearings

PRODUCT DEFINITION

Brand	NTN
d - Internal diameter	80 mm
D - External diameter	140 mm
B - Bearing/Inner ring width	26 mm
rs - Min fillet radius	2 mm
Radial clearance class	C3
Precision class	P0
Mass	1,68 kg

PRODUCT PERFORMANCE

C - Dynamic load	40000000 mN
C0 - Static load	17000000 mN
Cu - Fatigue limit load	680000 mN
e - Coefficient	0.16
Y0 - Static axial load coefficient	4.1
Y1 - Lower axial load coefficient	3.9
Y2 - Upper axial load coefficient	6
N lim - Oil lubrication limit speed	30000 °/s
N lim - Grease lubrication limit speed	24000 °/s
Tmin - Min operating temperature	253,15 °K
Tmax - Max operating temperature	393,15 °K

ABUTMENT

da min - Min shoulder diameter IR	89 mm
Da max - Max shoulder diameter OR	131 mm



NTN Europe

1 rue des Usines · BP 2017 · 74010 Annecy Cedex · France · Tel. +33 (0)4 50 65 30 00
S.A. au capital de 322 639 919 € · RCS ANNECY B 325 821 072 · Id. Fiscale : FR 48 325 821 072
SIRET 325 821 072 00015 · Code APE 2815 Z · Code NACE 28.15

1216SC3

Double-row self-aligning ball bearings

ABUTMENT

ra max - Max shaft & housing fillet radius

2 mm



NTN Europe

1 rue des Usines · BP 2017 · 74010 Annecy Cedex · France · Tel. +33 (0)4 50 65 30 00
S.A. au capital de 322 639 919 € · RCS ANNECY B 325 821 072 · Id. Fiscale : FR 48 325 821 072
SIRET 325 821 072 00015 · Code APE 2815 Z · Code NACE 28.15