



Brand of NTN Group

Technical data

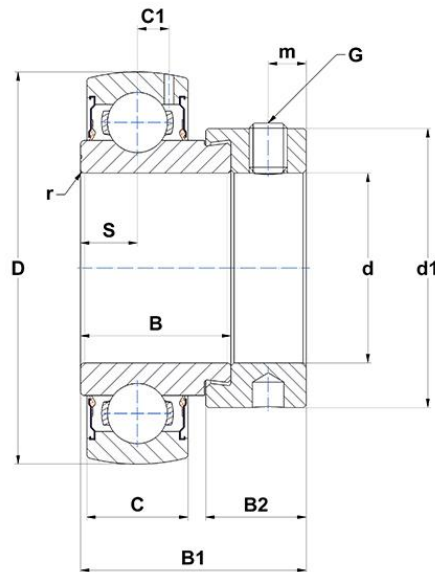
SES205

Insert bearings



Stainless steel insert, spherical outer diameter, fixing by eccentric locking collar, single lip seal, food grease

VISUAL (S)



PRODUCT DEFINITION

Brand	SNR
B - Width of Inner Ring	21,5 mm
B1 - Overall width Inner Ring	31 mm
B2 - Width of eccentric locking collar/nut	13,5 mm
C - Width of Outer Ring	15 mm
C1 - Distance center of OR to center of lubrication zone	3,9 mm
d - Shaft diameter	25 mm
d1 - Outer dia of eccent. Lock. collar / nut of adapter sleeve	38,1 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

PRODUCT DEFINITION

D - Outer diameter of OR	52 mm
G - Set screw size	M6x1
m - Distance to set screw	5 mm
r - Radius Inner Ring	0.5
S - Distance front side/bearing centre	7,5 mm
f0 - Factor	14
SW - Wrench size	3 mm

PRODUCT PERFORMANCE

C - Dynamic load rating	14000000 mN
C0 - Static load rating	7800000 mN
Operating temperature min.	253,15 °K
Operating temperature max.	373,15 °K

OTHER FEATURES

Mass	0,2 kg
Recommended tightening torque for set screw	3.9 N-m

BEARING FREQUENCIES

BPFO - Over rolling frequency on outer ring (60 rpm)	3.582 Hz
BPFI - Over rolling frequency on inner (60 rpm)	5.418 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	4.697 Hz
BRF - Rotational frequency - rolling element (60 rpm)	2.3485 Hz
FTF - Rotational frequency - cage (60 rpm)	0.398 Hz

