Brand of NTN Group

Technical data

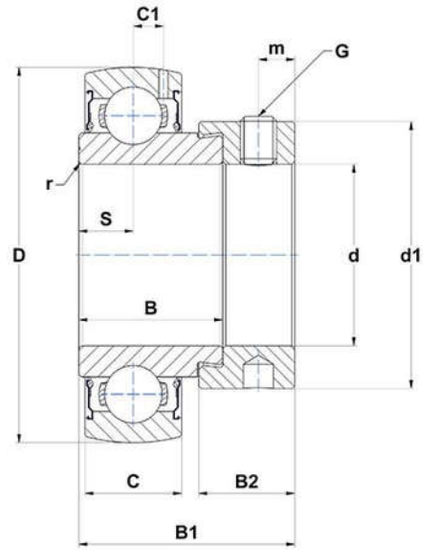
ES206-20G2

Insert bearings



Spherical outer diameter, fixing by eccentric locking collar, single lip seal

VISUAL (S)



PRODUCT DEFINITION

Brand	SNR
B - Width of Inner Ring	23,8 mm
B1 - Overall width Inner Ring	35,7 mm
B2 - Width of eccentric locking collar/nut	15,9 mm
C - Width of Outer Ring	16 mm
C1 - Distance center of OR to center of lubrication zone	5 mm
d - Shaft diameter	31,75 mm
d1 - Outer dia of eccent. Lock. collar / nut of adapter sleeve	44,1 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

ES206-20G2
Insert bearings

PRODUCT DEFINITION	
D - Outer diameter of OR	62 mm
G - Set screw size	5/16-24UNF
m - Distance to set screw	6 mm
r - Radius Inner Ring	0.6
S - Distance front side/bearing centre	9 mm
f0 - Factor	13.7
SW - Wrench size	3,969 mm

PRODUCT PERFORMANCE	
C - Dynamic load rating	19500000 mN
C0 - Static load rating	11200000 mN
Operating temperature min.	253,15 °K
Operating temperature max.	373,15 °K

OTHER FEATURES	
Mass	0,28 kg
Recommended tightening torque for set screw	8 N-m

BEARING FREQUENCIES	
BPFO - Over rolling frequency on outer ring (60 rpm)	3.56820652173913 Hz
BPFI - Over rolling frequency on inner (60 rpm)	5.43179347826087 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	4.62233110806801 Hz
BRF - Rotational frequency – rolling element (60 rpm)	2.311165554034 Hz
FTF - Rotational frequency - cage (60 rpm)	0.396467391304348 Hz