



Brand of NTN Group

Technical data

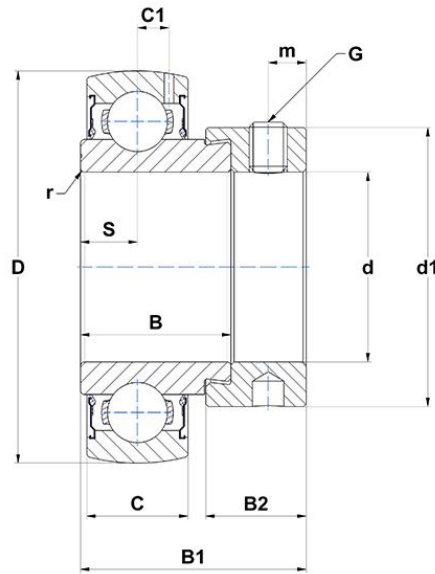
ES204-12G2

Insert bearings



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

VISUAL (S)



PRODUCT DEFINITION

Brand	SNR
B - Width of Inner Ring	21,4 mm
B1 - Overall width Inner Ring	30,9 mm
B2 - Width of eccentric locking collar/nut	13,5 mm
C - Width of Outer Ring	14 mm
C1 - Distance center of OR to center of lubrication zone	4 mm
d - Shaft diameter	19,05 mm
d1 - Outer dia of eccent. Lock. collar / nut of adapter sleeve	32,4 mm



NTN Europe

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 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	47 mm
G - Set screw size	1/4-28UNF
m - Distance to set screw	5 mm
r - Radius Inner Ring	0.6
S - Distance front side/bearing centre	7,5 mm
f0 - Factor	13.2
SW - Wrench size	3,175 mm

PRODUCT PERFORMANCE

C - Dynamic load rating	12800000 mN
C0 - Static load rating	6650000 mN
Operating temperature min.	253,15 °K
Operating temperature max.	373,15 °K

OTHER FEATURES

Mass	0,15 kg
Recommended tightening torque for set screw	3.7 N-m

BEARING FREQUENCIES

BPFO - Over rolling frequency on outer ring (60 rpm)	3.06342182890855 Hz
BPFI - Over rolling frequency on inner (60 rpm)	4.93657817109145 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	4.03672159895942 Hz
BRF - Rotational frequency - rolling element (60 rpm)	2.01836079947971 Hz
FTF - Rotational frequency - cage (60 rpm)	0.382927728613569 Hz

