Brand of NTN Group

Technical data

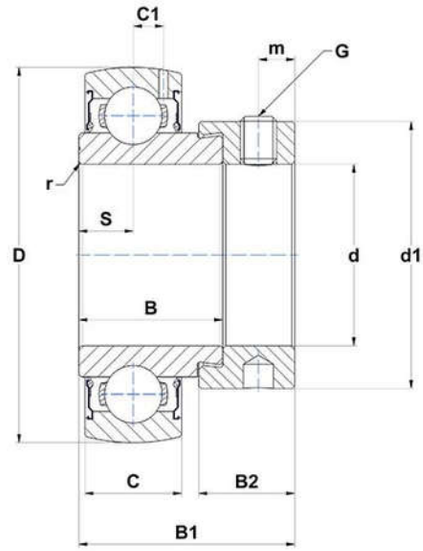
ES211-32G2

Insert bearings



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

VISUAL (S)



PRODUCT DEFINITION

Brand	SNR
B - Width of Inner Ring	32,5 mm
B1 - Overall width Inner Ring	48,4 mm
B2 - Width of eccentric locking collar/nut	20,7 mm
C - Width of Outer Ring	24 mm
C1 - Distance center of OR to center of lubrication zone	7,2 mm
d - Shaft diameter	50,8 mm
d1 - Outer dia of eccent. Lock. collar / nut of adapter sleeve	74,5 mm

ES211-32G2
Insert bearings

PRODUCT DEFINITION	
D - Outer diameter of OR	100 mm
G - Set screw size	3/8-24UNF
m - Distance to set screw	8 mm
r - Radius Inner Ring	1.1
S - Distance front side/bearing centre	12 mm
f0 - Factor	14.4
SW - Wrench size	4,763 mm

PRODUCT PERFORMANCE	
C - Dynamic load rating	43550000 mN
C0 - Static load rating	29200000 mN
Operating temperature min.	253,15 °K
Operating temperature max.	373,15 °K

OTHER FEATURES	
Mass	1,18 kg
Recommended tightening torque for set screw	16.8 N-m

BEARING FREQUENCIES	
BPFO - Over rolling frequency on outer ring (60 rpm)	4.0781935483871 Hz
BPFI - Over rolling frequency on inner (60 rpm)	5.9218064516129 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	5.2397708485352 Hz
BRF - Rotational frequency – rolling element (60 rpm)	2.6198854242676 Hz
FTF - Rotational frequency - cage (60 rpm)	0.40781935483871 Hz