Brand of NTN Group

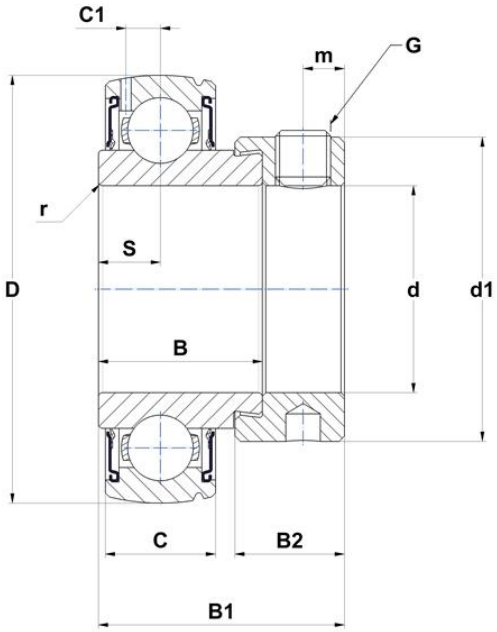
Technical data

ES204G1N

Insert bearings



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	20 mm
d1 - Outer dia of eccent. Lock. collar / nut of adapter sleeve	32.4 mm
D - Outer diameter of OR	47 mm

ES204G1N
Insert bearings

PRODUCT DEFINITION	
G - Set screw size	M6x1
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 mm

PRODUCT PERFORMANCE	
C - Dynamic load rating	12.8 kN
C0 - Static load rating	6.65 kN
Operating temperature min.	-20 °C
Operating temperature max.	100 °C

OTHER FEATURES	
Mass	0.15 kg
Recommended tightening torque for set screw	5.5 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