Brand of NTN Group

Technical data

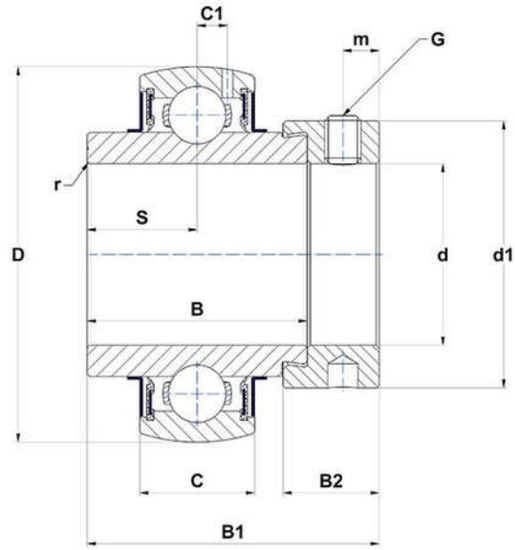
EX313G2

Insert bearings



Spherical outer diameter, fixing by eccentric locking collar, seal with slinger

VISUAL (S)



PRODUCT DEFINITION

Brand	SNR
B - Width of Inner Ring	65,1 mm
B1 - Overall width Inner Ring	85,7 mm
B2 - Width of eccentric locking collar/nut	27 mm
C - Width of Outer Ring	38 mm
C1 - Distance center of OR to center of lubrication zone	12,1 mm
d - Shaft diameter	65 mm
d1 - Outer dia of eccent. Lock. collar / nut of adapter sleeve	97 mm

EX313G2
Insert bearings

PRODUCT DEFINITION	
D - Outer diameter of OR	140 mm
G - Set screw size	M12x1,25
m - Distance to set screw	11,5 mm
r - Radius Inner Ring	2
S - Distance front side/bearing centre	32,5 mm
f0 - Factor	13.2
SW - Wrench size	6 mm

PRODUCT PERFORMANCE	
C - Dynamic load rating	93860000 mN
C0 - Static load rating	60500000 mN
Operating temperature min.	253,15 °K
Operating temperature max.	373,15 °K

OTHER FEATURES	
Mass	3,66 kg
Recommended tightening torque for set screw	33 N-m

BEARING FREQUENCIES	
BPFO - Over rolling frequency on outer ring (60 rpm)	3.07073170731707 Hz
BPFI - Over rolling frequency on inner (60 rpm)	4.92926829268293 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	4.07214486908649 Hz
BRF - Rotational frequency – rolling element (60 rpm)	2.03607243454324 Hz
FTF - Rotational frequency - cage (60 rpm)	0.383841463414634 Hz