Brand of NTN Group

Technical data

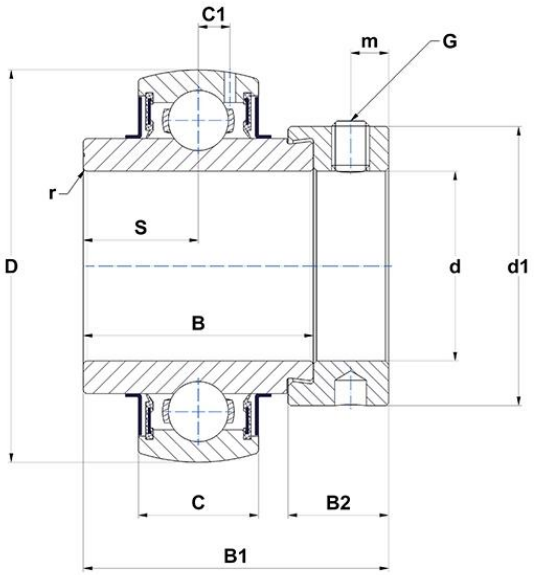
EX309-27G2

Insert bearings



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

VISUAL (S)



PRODUCT DEFINITION

Brand	SNR
B - Width of Inner Ring	42.9 mm
B1 - Overall width Inner Ring	58.7 mm
B2 - Width of eccentric locking collar/nut	20.6 mm
C - Width of Outer Ring	30 mm
C1 - Distance center of OR to center of lubrication zone	9 mm
d - Shaft diameter	42.863 mm
d1 - Outer dia of eccent. Lock. collar / nut of adapter sleeve	70 mm

EX309-27G2
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	2
S - Distance front side/bearing centre	19.8 mm
f0 - Factor	13
SW - Wrench size	4.763 mm

PRODUCT PERFORMANCE	
C - Dynamic load rating	53 kN
C0 - Static load rating	31.8 kN
Operating temperature min.	-20 °C
Operating temperature max.	100 °C

OTHER FEATURES	
Mass	1.52 kg
Recommended tightening torque for set screw	16.8 N-m

BEARING FREQUENCIES	
BPFO - Over rolling frequency on outer ring (60 rpm)	3.04965986394558 Hz
BPFI - Over rolling frequency on inner (60 rpm)	4.95034013605442 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	3.97143429311596 Hz
BRF - Rotational frequency – rolling element (60 rpm)	1.98571714655798 Hz
FTF - Rotational frequency - cage (60 rpm)	0.381207482993197 Hz