Brand of NTN Group

Technical data

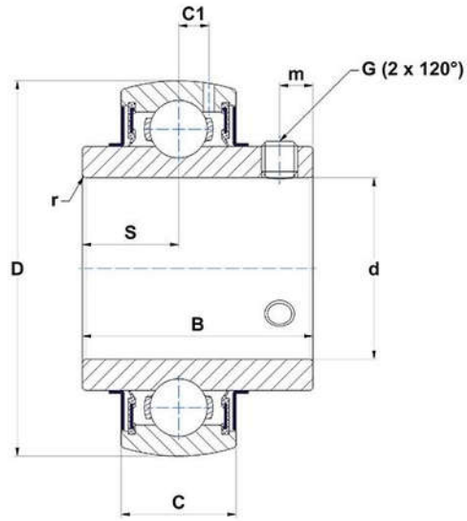
UC319G2

Insert bearings



Spherical outer diameter with locking pin, fixing by socket set screw, seal with slinger

VISUAL (S)



PRODUCT DEFINITION

Brand	SNR
B - Width of Inner Ring	103 mm
C - Width of Outer Ring	50 mm
C1 - Distance center of OR to center of lubrication zone	16,7 mm
d - Shaft diameter	95 mm
D - Outer diameter of OR	200 mm
G - Set screw size	M16x1,5
m - Distance to set screw	18 mm

UC319G2
Insert bearings

PRODUCT DEFINITION	
r - Radius Inner Ring	3
S - Distance front side/bearing centre	41 mm
f0 - Factor	13.2
SW - Wrench size	8 mm

PRODUCT PERFORMANCE	
C - Dynamic load rating	156000000 mN
C0 - Static load rating	122000000 mN
Operating temperature min.	253,15 °K
Operating temperature max.	373,15 °K

OTHER FEATURES	
Mass	8,91 kg
Recommended tightening torque for set screw	64 N-m

BEARING FREQUENCIES	
BPFO - Over rolling frequency on outer ring (60 rpm)	3.09593220338983 Hz
BPFI - Over rolling frequency on inner (60 rpm)	4.90406779661017 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	4.19842999497944 Hz
BRF - Rotational frequency – rolling element (60 rpm)	2.09921499748972 Hz
FTF - Rotational frequency - cage (60 rpm)	0.386991525423729 Hz