

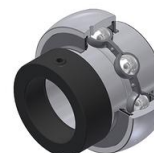


Brand of NTN corporation

Technical data

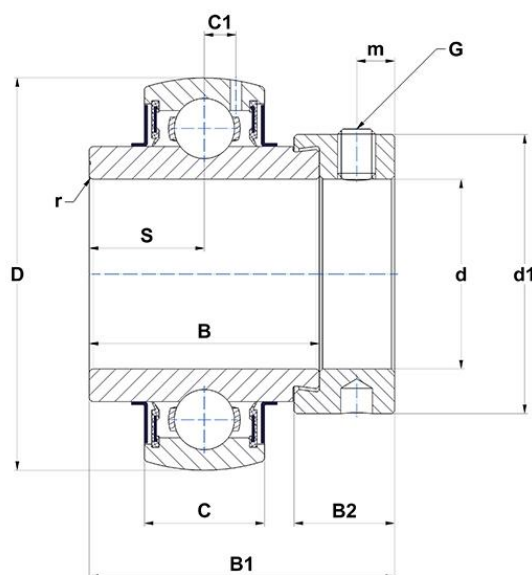
EX307-23G2

Insert bearings



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

VISUAL (S)



PRODUCT DEFINITION

Brand	SNR
B - Width of Inner Ring	38,1 mm
B1 - Overall width Inner Ring	51,6 mm
B2 - Width of eccentric locking collar/nut	17,5 mm
C - Width of Outer Ring	25 mm
C1 - Distance center of OR to center of lubrication zone	7,2 mm
d - Shaft diameter	36,513 mm
d1 - Outer dia of eccent. Lock. collar / nut of adapter sleeve	55 mm



NTN Europe

1 rue des Usines · BP 2017 · 74010 Annecy Cedex · France · Tel. +33 (0)4 50 65 30 00
S.A. au capital de 322 639 919 € · RCS ANNECY B 325 821 072 · Id. Fiscale : FR 48 325 821 072
SIRET 325 821 072 00015 · Code APE 2815 Z · Code NACE 28.15

PRODUCT DEFINITION

D - Outer diameter of OR	80 mm
G - Set screw size	5/16-24UNF
m - Distance to set screw	6,7 mm
r - Radius Inner Ring	2
S - Distance front side/bearing centre	18,3 mm
f0 - Factor	12.8
SW - Wrench size	3,969 mm

PRODUCT PERFORMANCE

C - Dynamic load rating	33,5 kN
C0 - Static load rating	19,2 kN
Operating temperature min.	-20 °C
Operating temperature max.	100 °C

OTHER FEATURES

Mass	0,78 kg
Recommended tightening torque for set screw	8 N-m

BEARING FREQUENCIES

BPFO - Characteristic outer ring frequency (60 rpm)	2.63032608695652 Hz
BPFI - Characteristic inner ring frequency (60 rpm)	4.36967391304348 Hz
FTF - Characteristic cage frequency (60 rpm)	0.375760869565217 Hz
BSF - Characteristic rolling element frequency (60 rpm)	3.7760186770132 Hz

