Brand of NTN Group

Technical data

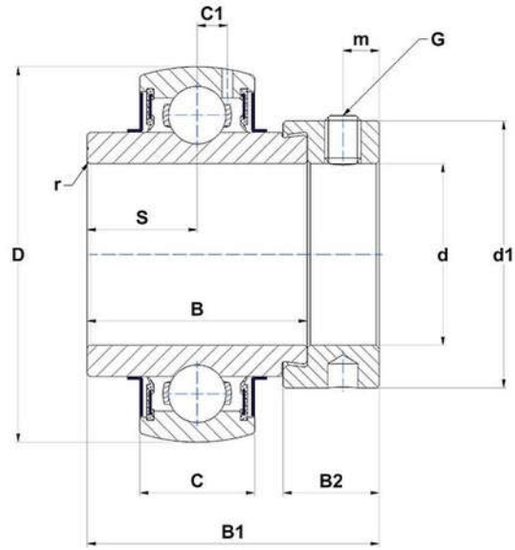
EX214G2

Insert bearings



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

VISUAL (S)



PRODUCT DEFINITION

Brand	SNR
B - Width of Inner Ring	68,2 mm
B1 - Overall width Inner Ring	85,7 mm
B2 - Width of eccentric locking collar/nut	23,5 mm
C - Width of Outer Ring	30 mm
C1 - Distance center of OR to center of lubrication zone	9 mm
d - Shaft diameter	70 mm
d1 - Outer dia of eccent. Lock. collar / nut of adapter sleeve	96,8 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
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EX214G2
Insert bearings

PRODUCT DEFINITION	
D - Outer diameter of OR	125 mm
G - Set screw size	M10x1,25
m - Distance to set screw	8,5 mm
r - Radius Inner Ring	2
S - Distance front side/bearing centre	34,1 mm
f0 - Factor	14.4
SW - Wrench size	5 mm

PRODUCT PERFORMANCE	
C - Dynamic load rating	62000000 mN
C0 - Static load rating	45000000 mN
Operating temperature min.	253,15 °K
Operating temperature max.	373,15 °K

OTHER FEATURES	
Mass	2,57 kg
Recommended tightening torque for set screw	22 N-m

BEARING FREQUENCIES	
BPFO - Over rolling frequency on outer ring (60 rpm)	4.10448717948718 Hz
BPFI - Over rolling frequency on inner (60 rpm)	5.89551282051282 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	5.40429042086522 Hz
BRF - Rotational frequency – rolling element (60 rpm)	2.70214521043261 Hz
FTF - Rotational frequency - cage (60 rpm)	0.410448717948718 Hz