



Brand of NTN corporation

Technical data

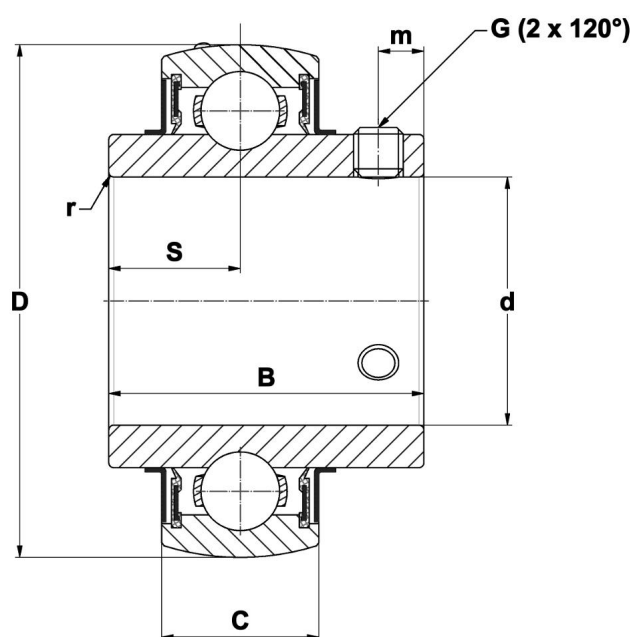
SUC210FG1

Insert bearings



SENTINEL Series: Stainless steel insert ball bearing, spherical outer ring with anti-rotation ball, fixing by socket set screws, seals with slingers, "Full Pack" LUBSOLID food solid lubrication.

VISUAL (S)



PRODUCT DEFINITION

Brand	SNR
B - Width of Inner Ring	51,6 mm
C - Width of Outer Ring	24 mm
C1 - Distance center of OR to center of lubrication zone	6,5 mm
d - Shaft diameter	50 mm
D - Outer diameter of OR	90 mm
G - Set screw size	M10x1,25



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

m - Distance to set screw	10 mm
r - Radius Inner Ring	1
S - Distance front side/bearing centre	19 mm
f0 - Factor	14.4
SW - Wrench size	5 mm

PRODUCT PERFORMANCE

C - Dynamic load rating	35 kN
C0 - Static load rating	23,1 kN
Operating temperature min.	-10 °C
Operating temperature max.	80 °C

OTHER FEATURES

Mass	0,72 kg
Recommended tightening torque for set screw	18.7 N-m

BEARING FREQUENCIES

BPFO - Characteristic outer ring frequency (60 rpm)	4.09285714285714 Hz
BPFI - Characteristic inner ring frequency (60 rpm)	5.90714285714286 Hz
FTF - Characteristic cage frequency (60 rpm)	0.409285714285714 Hz
BSF - Characteristic rolling element frequency (60 rpm)	5.33038245219348 Hz

