



Brand of NTN Group

Technical data

SUC212

Insert bearings



Stainless steel insert, spherical outer diameter with locking pin, fixing by socket set screw, seal with slinger, food grease

VISUAL (S)



PRODUCT DEFINITION

Brand	SNR
B - Width of Inner Ring	65,1 mm
C - Width of Outer Ring	27 mm
C1 - Distance center of OR to center of lubrication zone	7,6 mm
d - Shaft diameter	60 mm
D - Outer diameter of OR	110 mm
G - Set screw size	M10x1,25
m - Distance to set screw	10 mm



NTN Europe

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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

r - Radius Inner Ring	1
S - Distance front side/bearing centre	25,4 mm
f0 - Factor	14.2
SW - Wrench size	5 mm

PRODUCT PERFORMANCE

C - Dynamic load rating	52400000 mN
C0 - Static load rating	35900000 mN
Operating temperature min.	253,15 °K
Operating temperature max.	373,15 °K

OTHER FEATURES

Mass	1,42 kg
Recommended tightening torque for set screw	18.7 N-m

BEARING FREQUENCIES

BPFO - Over rolling frequency on outer ring (60 rpm)	4.06617647058824 Hz
BPMF - Over rolling frequency on inner (60 rpm)	5.93382352941176 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	5.16756600277906 Hz
BRF - Rotational frequency - rolling element (60 rpm)	2.58378300138953 Hz
FTF - Rotational frequency - cage (60 rpm)	0.406617647058824 Hz

