



Brand of NTN Group

Technical data

SUC210

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	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
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	19 mm
f0 - Factor	14.4
SW - Wrench size	5 mm

PRODUCT PERFORMANCE

C - Dynamic load rating	35000000 mN
C0 - Static load rating	23100000 mN
Operating temperature min.	253,15 °K
Operating temperature max.	373,15 °K

OTHER FEATURES

Mass	0,75 kg
Recommended tightening torque for set screw	18.7 N-m

BEARING FREQUENCIES

BPFO - Over rolling frequency on outer ring (60 rpm)	4.09285714285714 Hz
BPMF - Over rolling frequency on inner (60 rpm)	5.90714285714286 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	5.33038245219348 Hz
BRF - Rotational frequency - rolling element (60 rpm)	2.66519122609674 Hz
FTF - Rotational frequency - cage (60 rpm)	0.409285714285714 Hz

