



Brand of NTN Group

Technical data

SUC209

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	49,2 mm
C - Width of Outer Ring	22 mm
C1 - Distance center of OR to center of lubrication zone	6,4 mm
d - Shaft diameter	45 mm
D - Outer diameter of OR	85 mm
G - Set screw size	M8x1
m - Distance to set screw	8 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
SW - Wrench size	4 mm

PRODUCT PERFORMANCE

C - Dynamic load rating	32700000 mN
C0 - Static load rating	20400000 mN
Operating temperature min.	253,15 °K
Operating temperature max.	373,15 °K

OTHER FEATURES

Mass	0,67 kg
Recommended tightening torque for set screw	8.3 N-m

BEARING FREQUENCIES

BPFO - Over rolling frequency on outer ring (60 rpm)	3.62076923076923 Hz
BPMF - Over rolling frequency on inner (60 rpm)	5.37923076923077 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	4.92272562083586 Hz
BRF - Rotational frequency - rolling element (60 rpm)	2.46136281041793 Hz
FTF - Rotational frequency - cage (60 rpm)	0.402307692307692 Hz

