



Brand of NTN Group

Technical data

MUC207FD

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	42,9 mm
C - Width of Outer Ring	20 mm
C1 - Distance center of OR to center of lubrication zone	5,8 mm
d - Shaft diameter	35 mm
D - Outer diameter of OR	72 mm
G - Set screw size	M8x1
m - Distance to set screw	6 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	2
S - Distance front side/bearing centre	17,5 mm
f0 - Factor	14
SW - Wrench size	4 mm

PRODUCT PERFORMANCE

C - Dynamic load rating	22000000 mN
C0 - Static load rating	12300000 mN
Operating temperature min.	253,15 °K
Operating temperature max.	373,15 °K

OTHER FEATURES

Mass	0,48 kg
Recommended tightening torque for set screw	8.3 N-m

BEARING FREQUENCIES

BPFO - Over rolling frequency on outer ring (60 rpm)	3.5824128440367 Hz
BPMF - Over rolling frequency on inner (60 rpm)	5.4175871559633 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	4.70025803484967 Hz
BRF - Rotational frequency - rolling element (60 rpm)	2.35012901742483 Hz
FTF - Rotational frequency - cage (60 rpm)	0.398045871559633 Hz

