



Brand of NTN Group

Technical data

MUC204FD

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	31 mm
C - Width of Outer Ring	17 mm
C1 - Distance center of OR to center of lubrication zone	4,5 mm
d - Shaft diameter	20 mm
D - Outer diameter of OR	47 mm
G - Set screw size	M6x1
m - Distance to set screw	4,5 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	1.5
S - Distance front side/bearing centre	12,7 mm
f0 - Factor	13.2
SW - Wrench size	3 mm

PRODUCT PERFORMANCE

C - Dynamic load rating	10900000 mN
C0 - Static load rating	5300000 mN
Operating temperature min.	253,15 °K
Operating temperature max.	373,15 °K

OTHER FEATURES

Mass	0,16 kg
Recommended tightening torque for set screw	3.9 N-m

BEARING FREQUENCIES

BPFO - Over rolling frequency on outer ring (60 rpm)	3.06611764705882 Hz
BPMF - Over rolling frequency on inner (60 rpm)	4.93388235294118 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	4.04972417114994 Hz
BRF - Rotational frequency - rolling element (60 rpm)	2.02486208557497 Hz
FTF - Rotational frequency - cage (60 rpm)	0.383264705882353 Hz

