



Brand of NTN Group

Technical data

UC307-23G2

Insert bearings



Spherical outer diameter, fixing by socket set screw, seal with slinger

VISUAL (S)



PRODUCT DEFINITION

Brand	SNR
B - Width of Inner Ring	48 mm
C - Width of Outer Ring	25 mm
C1 - Distance center of OR to center of lubrication zone	7,2 mm
d - Shaft diameter	36,513 mm
D - Outer diameter of OR	80 mm
G - Set screw size	5/16-24UNF
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	2
S - Distance front side/bearing centre	19 mm
f0 - Factor	12.8
SW - Wrench size	3,969 mm

PRODUCT PERFORMANCE

C - Dynamic load rating	33500000 mN
C0 - Static load rating	19200000 mN
Operating temperature min.	253,15 °K
Operating temperature max.	373,15 °K

OTHER FEATURES

Mass	0,7 kg
Recommended tightening torque for set screw	8 N-m

BEARING FREQUENCIES

BPFO - Over rolling frequency on outer ring (60 rpm)	2.63032608695652 Hz
BPMF - Over rolling frequency on inner (60 rpm)	4.36967391304348 Hz
BSF - Over rolling frequency on rolling element (60 rpm)	3.7760186770132 Hz
BRF - Rotational frequency - rolling element (60 rpm)	1.8880093385066 Hz
FTF - Rotational frequency - cage (60 rpm)	0.375760869565217 Hz

