



Brand of NTN Group

## Technical data

### UC316G2

Insert bearings



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

#### VISUAL (S)



#### PRODUCT DEFINITION

<b>Brand</b>	SNR
<b>B - Width of Inner Ring</b>	86 mm
<b>C - Width of Outer Ring</b>	44 mm
<b>C1 - Distance center of OR to center of lubrication zone</b>	14,5 mm
<b>d - Shaft diameter</b>	80 mm
<b>D - Outer diameter of OR</b>	170 mm
<b>G - Set screw size</b>	M14x1,5
<b>m - Distance to set screw</b>	14 mm



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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

<b>r - Radius Inner Ring</b>	3
<b>S - Distance front side/bearing centre</b>	34 mm
<b>f0 - Factor</b>	13.2
<b>SW - Wrench size</b>	6 mm

### PRODUCT PERFORMANCE

<b>C - Dynamic load rating</b>	122850000 mN
<b>C0 - Static load rating</b>	86500000 mN
<b>Operating temperature min.</b>	253,15 °K
<b>Operating temperature max.</b>	373,15 °K

### OTHER FEATURES

<b>Mass</b>	5,57 kg
<b>Recommended tightening torque for set screw</b>	42 N-m

### BEARING FREQUENCIES

<b>BPFO - Over rolling frequency on outer ring (60 rpm)</b>	3.0856 Hz
<b>BPMF - Over rolling frequency on inner (60 rpm)</b>	4.9144 Hz
<b>BSF - Over rolling frequency on rolling element (60 rpm)</b>	4.14585319335083 Hz
<b>BRF - Rotational frequency - rolling element (60 rpm)</b>	2.07292659667542 Hz
<b>FTF - Rotational frequency - cage (60 rpm)</b>	0.3857 Hz

