


NTN BEARING CORPORATION OF AMERICA

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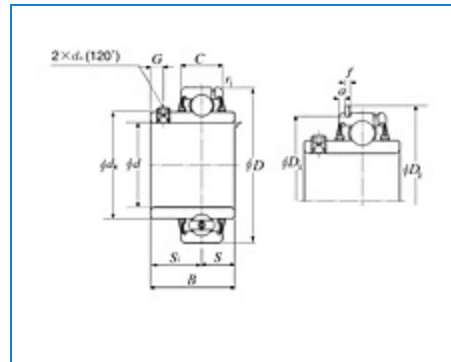
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Item # UCS210-115LD1NR, Bearing Insert w/ Set Screw, Wide Inner Ring - Cylindrical O.D., Snap Ring

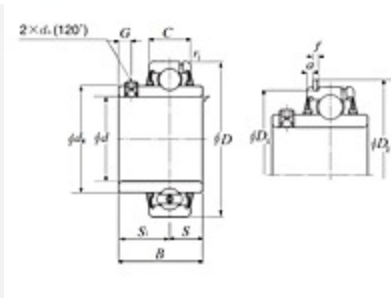

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Technical Specifications
Type

Insert Bearing

Bore Type	Round
Bearing Type	Ball Bearing
Material	Through Hardened Steel
Ball Material	Steel
Limiting Speed - Grease	3100 RPM
Seal Type	Contact
Seal Material	Nitrile Rubber
Precision Rating	ISO Class 0
Performance	Standard Duty
Locking Device	2 -120° Set Screw
Lubrication	Outer Ring
Radial Internal Clearance	CN
Static Load Rating	5216 lbf 23200 N 23.20 kN
Dynamic Load Rating	7868 lbf 35000 N 35.00 kN
Enclosure	Double Sealed
Weight	1.786 lb 3.940 kg
Operating Temperature Range	-40 to 250 °F -40 to 120 °C

Dimensional Specifications





Bearing Insert w/ Set Screw, Wide Inner Ring - Cylindrical O.D., Snap Ring - Dimensions

d	1.9380 in 49.213 mm
D	3.5430 in 90.000 mm
C	0.9450 in 24.000 mm
B	2.0310 in 51.600 mm
r	0.0591 in 1.500 mm
r1	0.05910 in 1.500 mm
ds	5/16-24 UNF
G	0.3543 in 9 mm
d4	2.4567 in 62.4 mm
S1	1.2835 in 32.6 mm
S	0.748 in 19 mm
a	0.1457 in 3.700 mm
f	0.1122 in 2.85 mm

D1	3.4169 in 86.790 mm
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D2	3.7992 in 96.500 mm
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Specifications

Radial Dynamic Load Rating	7868 lbf 35000 N
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Lubrication	Outer Ring
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Radial Static Load Rating	5216 lbf 23200 N
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