



NTN BEARING CORPORATION OF AMERICA

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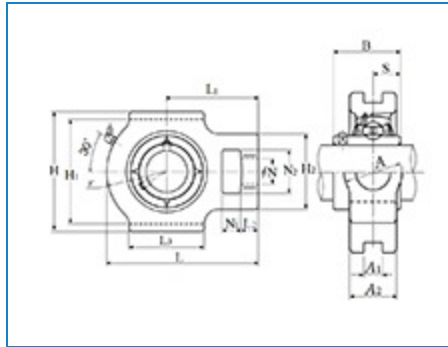
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Item # UCT316D1, Take-Up Unit, Cast Housing, Set Screw, UCT Type



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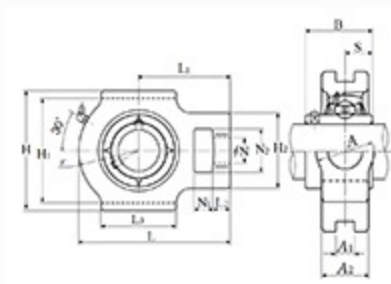
Technical Specifications

Type

Take-Up Unit

Bearing Type	Ball Bearing
Locking Device	Set Screw
Seal Type	Contact
Seal Material	Nitrile Rubber
Bearing Number	UC316D1
Housing Number	T316D1
Housing Material	Cast Iron
Performance	Heavy Duty
Dynamic Load Rating	27652 lbf 123000 N 123.00 kN
Static Load Rating	19446 lbf 86500 N 86.50 kN
Rotational Speed [Max]	1800.0 RPM
Weight	35.280 lb 16.000 kg
Operating Temperature Range	-40 to 250 °F -40 to 120 °C
Lubrication	Relubricatable

Dimensional Specifications



Take-Up Unit, Cast Housing, Set Screw, UCT Type - Dimensions

d	3.1500 in 80.000 mm
L	11.0937 in 282.0 mm
H	9.0625 in 230.0 mm
H1	8.0313 in 204.0 mm
H2	5.9062 in 150.0 mm
L1	6.8437 in 174.0 mm
L2	1.1875 in 30.0 mm
L3	6.3125 in 160.0 mm
N	2.0937 in 53.0 mm
N1	1.6562 in 42.0 mm
N2	3.8437 in 98.0 mm
A	4.0313 in 102.0 mm
A1	1.1811 in 30.0 mm
A2	2.3750 in 60.0 mm
r	4.2500 in 108.0 mm
B	3.3858 in 86.000 mm
S	1.3386 in 34.000 mm

F

0.4488 in
11.400 mm

Specifications

Lubrication	Outer Ring
Ball Material	Through Hardened
Outside Diameter	6.6930 in 170.000 mm
Outside Diameter	6.6930 in 170.000 mm
Bore Type	Cylindrical
Outside Ring Width	1.7720 in 45.000 mm
Inside Ring Width	1.7720 in 45.000 mm
Clearance	CN
Cage Material	Pressed Steel
Precision Rating	ISO Class 0
Radial Dynamic Load Rating	27652 lbf 123000 N
Radial Static Load Rating	19446 lbf 86500 N
Rotational Speed [Max]-Grease	1800 RPM