



NTN BEARING CORPORATION OF AMERICA

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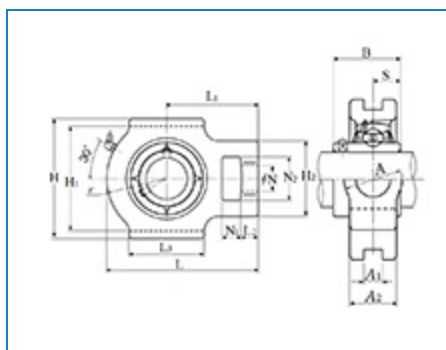
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Item # UCT320D1, Take-Up Unit, Cast Housing, Set Screw, UCT Type



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Ordering Options

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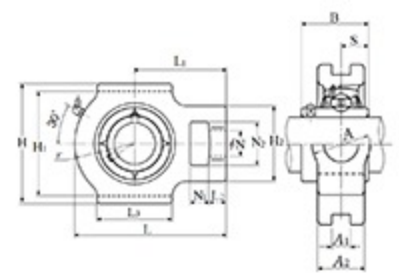
Technical Specifications

Type

Take-Up Unit

Bearing Type	Ball Bearing
Locking Device	Set Screw
Seal Type	Contact
Seal Material	Nitrile Rubber
Bearing Number	UC320D1
Housing Number	T320D1
Housing Material	Cast Iron
Performance	Heavy Duty
Dynamic Load Rating	38892 lbf 173000 N 173.00 kN
Static Load Rating	31698 lbf 141000 N 141.00 kN
Rotational Speed [Max]	1500 RPM
Weight	66.150 lb 30.000 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	3.9370 in 100.000 mm
L	13.5937 in 345.0 mm
H	11.4062 in 290.0 mm
H1	10.2344 in 260.0 mm
H2	6.8750 in 175.0 mm
L1	8.2812 in 210.0 mm
L2	1.3437 in 34.0 mm
L3	7.8750 in 200.0 mm
N	2.3125 in 59.0 mm
N1	1.8750 in 48.0 mm
N2	4.5312 in 115.0 mm
A	4.7187 in 120.0 mm
A1	1.3780 in 35.0 mm
A2	2.9375 in 75.0 mm
r	5.3125 in 135.0 mm
B	4.2520 in 108.000 mm
S	1.6535 in 42.000 mm

F

0.5315 in
13.500 mm

Specifications

Lubrication	Outer Ring
Ball Material	Through Hardened
Outside Diameter	8.4650 in 215.000 mm
Outside Diameter	8.4650 in 215.000 mm
Bore Type	Cylindrical
Outside Ring Width	2.1650 in 55.000 mm
Inside Ring Width	4.2520 in 108.000 mm
Clearance	CN
Cage Material	Pressed Steel
Precision Rating	ISO Class 0
Radial Dynamic Load Rating	38892 lbf 173000 N
Radial Static Load Rating	31698 lbf 141000 N
Rotational Speed [Max]-Grease	1450 RPM