



NTN BEARING CORPORATION OF AMERICA

Head Office

1600 E. Bishop Court, P.O. Box 7604

Mount Prospect, IL 60056-7604, U.S.A.

Phone: 847-298-7500

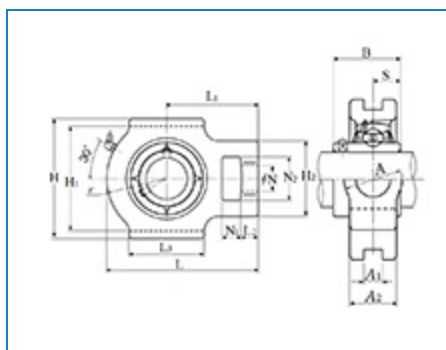
Fax: 847-699-9744

Toll Free: 800-323-2358

Email: mkt@ntnamerica.com

Website: www.ntnamericas.com

Item # UCT312D1, Take-Up Unit, Cast Housing, Set Screw, UCT Type



[Order Now](#) | [Technical Specifications](#) | [Dimensional Specifications](#) | [Specifications](#)

Order Now

Ordering Options

FIND A DISTRIBUTOR

CONTACT NTN CUSTOMER SUPPORT SPECIALIST

ORDER THROUGH NTN DOL (AUTHORIZED DISTRIBUTORS ONLY)

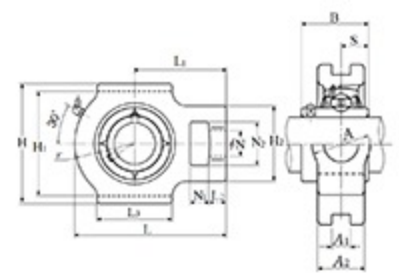
Technical Specifications

Type

Take-Up Unit

Bearing Type	Ball Bearing
Locking Device	Set Screw
Seal Type	Contact
Seal Material	Nitrile Rubber
Bearing Number	UC312D1
Housing Number	T312D1
Housing Material	Cast Iron
Performance	Heavy Duty
Dynamic Load Rating	18434 lbf 82000 N 82.00 kN
Static Load Rating	11690 lbf 52000 N 52.00 kN
Rotational Speed [Max]	2400.0 RPM
Weight	16.758 lb 7.600 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	2.3620 in 60.000 mm
L	8.6562 in 220.0 mm
H	7.0000 in 178.0 mm
H1	6.2969 in 160.0 mm
H2	4.4375 in 113.0 mm
L1	5.3125 in 135.0 mm
L2	0.9687 in 25.0 mm
L3	4.8437 in 123.0 mm
N	1.6250 in 41.0 mm
N1	1.2187 in 31.0 mm
N2	2.7812 in 71.0 mm
A	2.7812 in 71.0 mm
A1	0.8661 in 22.0 mm
A2	1.8125 in 46.0 mm
r	3.3437 in 85.0 mm
B	2.7953 in 71.000 mm
S	1.0236 in 26.000 mm

F	0.3543 in 9.000 mm
---	-----------------------

Specifications

Lubrication	Outer Ring
Ball Material	Through Hardened
Outside Diameter	5.1180 in 130.000 mm
Outside Diameter	5.1180 in 130.000 mm
Bore Type	Cylindrical
Outside Ring Width	1.4170 in 36.000 mm
Inside Ring Width	2.7950 in 71.000 mm
Clearance	CN
Cage Material	Pressed Steel
Precision Rating	ISO Class 0
Radial Dynamic Load Rating	18434 lbf 82000 N
Radial Static Load Rating	11690 lbf 52000 N
Rotational Speed [Max]-Grease	2400 RPM