



NTN BEARING CORPORATION OF AMERICA

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Item # SUCT205-16, Take-Up Unit, Set Screw, Stainless Steel Housing, SUCT Type



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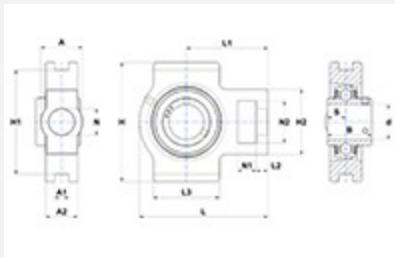
Technical Specifications

Type

Take-Up Unit

Bearing Type	Ball Bearing
Locking Device	Set Screw
Seal Type	Contact
Seal Material	Silicone
Bearing Number	SUC205-16
Housing Number	ST205N
Insert Material	Stainless Steel
Housing Material	Stainless Steel
Performance	Normal Duty
Dynamic Load Rating	2473 lbf 11000 N 11.00 kN
Static Load Rating	1798 lbf 8000 N 8.00 kN
Rotational Speed [Max]	5100 RPM
Weight	2.117 lb 0.960 kg
Operating Temperature Range	-4 to 250 °F -20 to 120 °C
Lubrication	Relubricatable

Dimensional Specifications



Take-Up Unit, Set Screw, Stainless Steel Housing, SUCT Type - Dimensions

d	1.0000 in 25.400 mm
L	3.8100 in 97.0 mm
H	3.5000 in 89.0 mm
H1	3.0000 in 76.0 mm
H2	2.0000 in 51.0 mm
L1	2.4400 in 62.0 mm
L2	0.3800 in 10.0 mm
L3	2.0000 in 51.0 mm
N	0.7500 in 19.0 mm
N1	0.6300 in 16.0 mm
N2	1.2500 in 32.0 mm
A	1.2500 in 32.0 mm
A1	0.4700 in 12.0 mm
A2	0.9400 in 24.0 mm
B	1.3425 in 34.100 mm
S	0.5630 in 14.300 mm

Lubrication	Outer Ring
Ball Material	Stainless Steel
Outside Diameter	2.0470 in 52.000 mm
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Bore Type	Cylindrical
Outside Ring Width	0.6690 in 17.000 mm
Inside Ring Width	1.3430 in 34.100 mm
Clearance	CN
Cage Material	Stainless Steel
Precision Rating	ISO Class 0
Radial Dynamic Load Rating	2473 lbf 11000 N
Radial Static Load Rating	1798 lbf 8000 N
Rotational Speed [Max]-Grease	4800 RPM