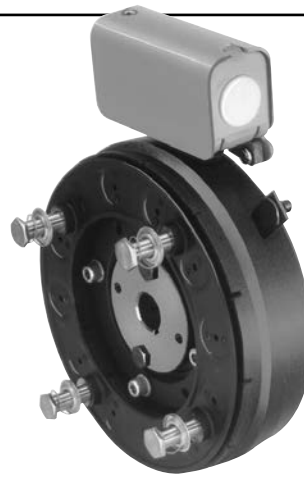
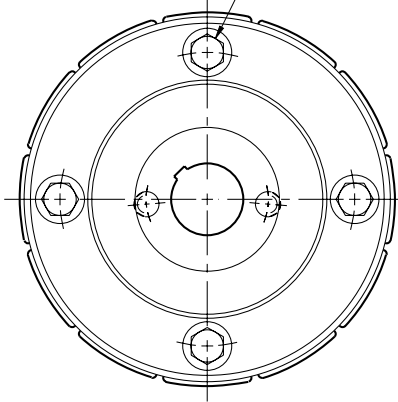


SF Series Clutch

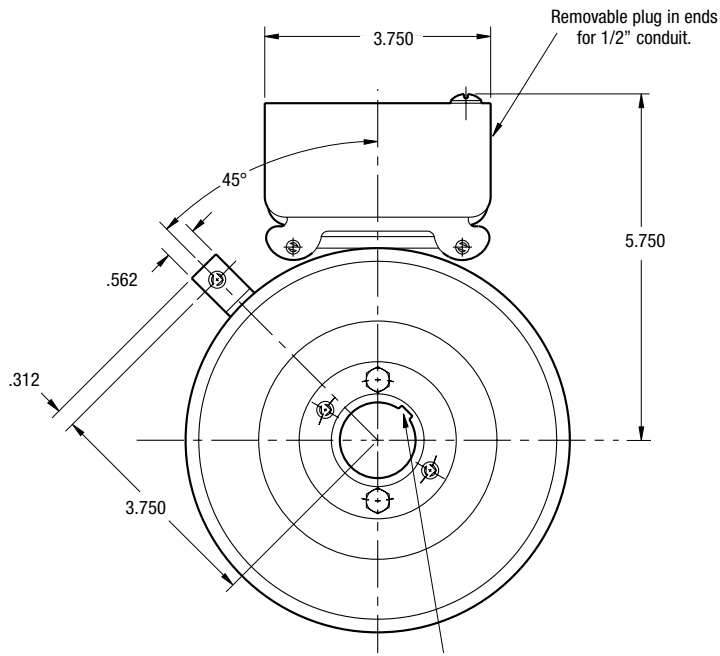
SF-650 Bearing Mounted



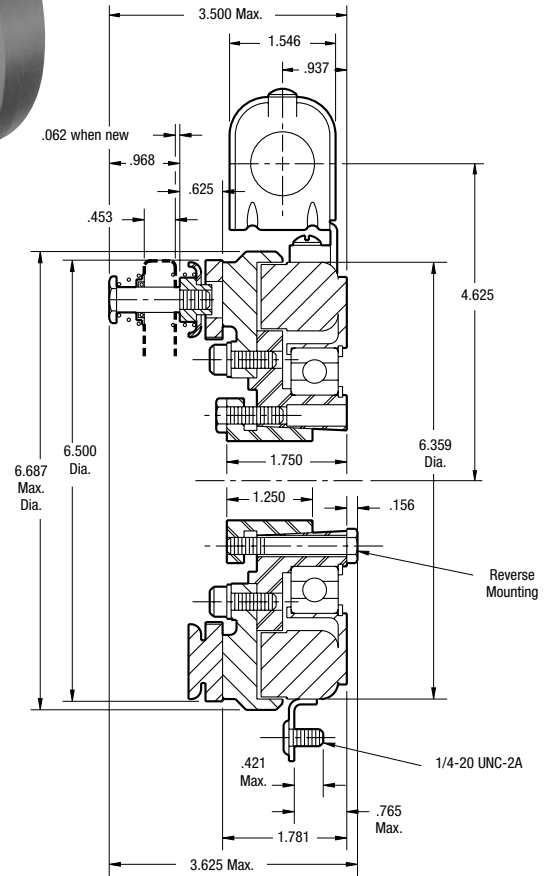
See page 230 for details on Drive Pin mountings.



ARMATURE VIEW



FIELD VIEW



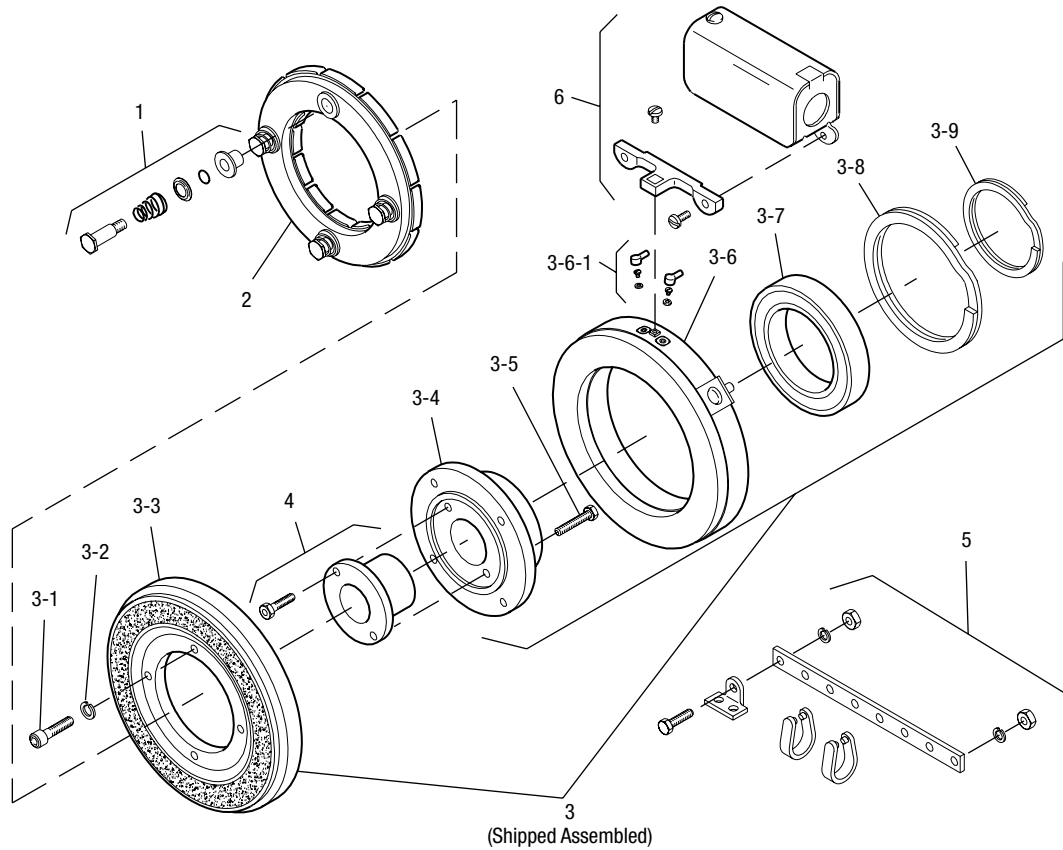
| | |
|------------------|----------------|
| Shaft Size | .500 – 1.500 |
| Static Torque | 95 lb.ft. |
| Maximum Speed | 3,600 rpm |
| Standard Voltage | D.C. 6, 24, 90 |

All dimensions are nominal unless otherwise noted.

Information on inertia and weights begins on page 239. Coil data is on pages 250 and 251.



Drawing I-25750



| Item | Description | Part Number | Qty. |
|-------|----------------------------|--------------|------|
| 1 | Autogap Accessory | 5181-101-010 | 4 |
| 2 | Armature | 5281-111-002 | 1 |
| 3 | Field and Rotor Assembly | | 1 |
| | 6 Volt | 5207-452-002 | |
| | 24 Volt | 5207-452-005 | |
| | 90 Volt | 5207-452-004 | |
| 3-1 | Capscrew | 797-0083 | 4 |
| 3-2 | Lockwasher | 950-0355 | 4 |
| 3-3 | Rotor Assembly | 5281-751-001 | 1 |
| 3-4 | Rotor Hub | 540-0614 | 1 |
| 3-5 | Reverse Mounting Accessory | 5201-101-005 | 1 |
| 3-6 | Field | | 1 |
| | 6 Volt | 5281-451-002 | |
| | 24 Volt | 5281-451-004 | |
| | 90 Volt | 5281-451-005 | |
| 3-6-1 | Terminal Accessory | 5311-101-001 | 1 |
| 3-7 | Ball Bearing | 166-0104 | 1 |
| 3-8 | Retainer Ring - External | 748-0004 | 1 |
| 3-9 | Retainer Ring -Internal | 748-0104 | 1 |

| Item | Description | Part Number | Qty. |
|------|----------------------|----------------------|------|
| 4 | Bushing* | | 1 |
| | 1/2" to 1-1/2" Bore | 180-0002 to 180-0018 | |
| †5 | Torque Arm Accessory | 5207-101-003 | 1 |
| 6 | Conduit Box | 5200-101-010 | 1 |

How to Order:

1. Specify Voltage for Item 3.
2. Specify Bore Size for Item 4.
3. See Controls Section.

Example:

SF-650 Clutch, bearing mounted per I-25750 - 90 Volt, 1" Bore

These units, when used in conjunction with the correct Warner Electric conduit box, meet the standards of UL508 and are listed under guide card #NMTR, file #59164.

These units are CSA certified under file #LR11543

*See page 252 for specific part numbers.

Refer to Service Manual P-0202-WE