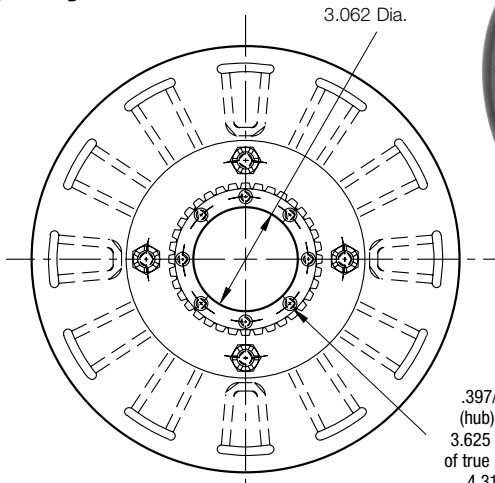
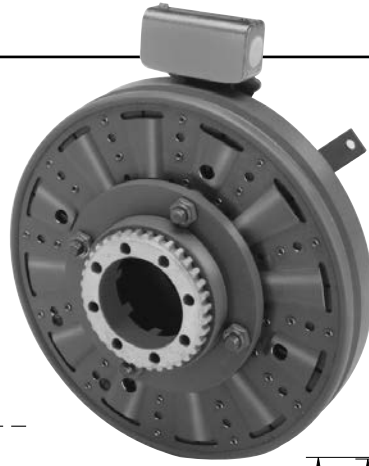


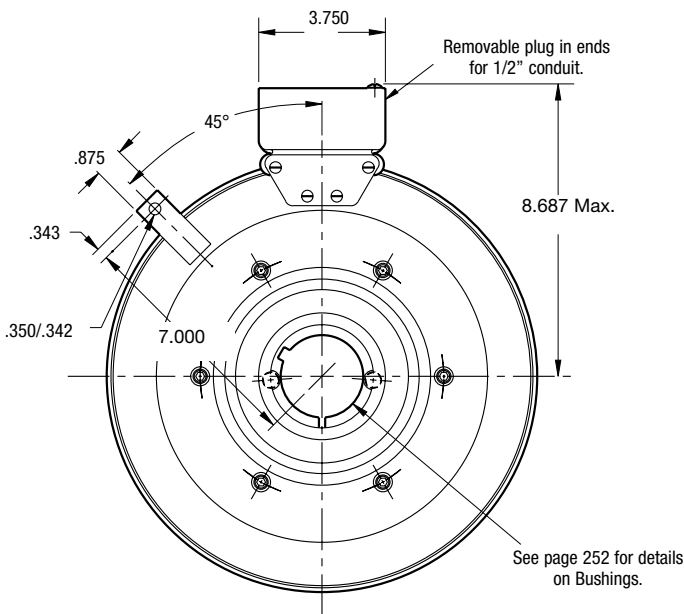
# SF Series Clutch

## SF-1225 Bearing Mounted Heavy Duty

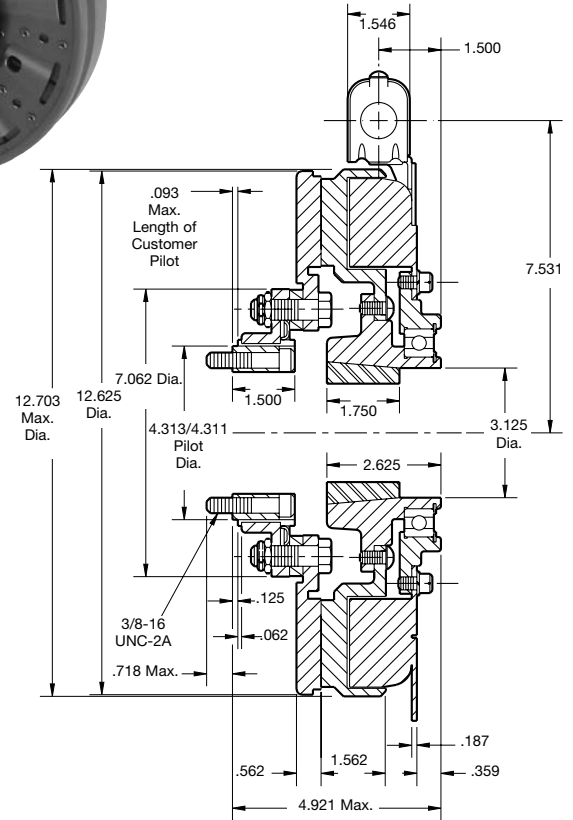


.397/.388 dia. (8) holes (hub) equally spaced on 3.625 dia. and within .003 of true position in relation to 4.313/4.311 pilot dia.

**ARMATURE VIEW**



**FIELD VIEW**



|                  |                |
|------------------|----------------|
| Shaft Size       | .500 – 2.500   |
| Static Torque    | 465 lb.ft.     |
| Maximum Speed    | 2,200 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.

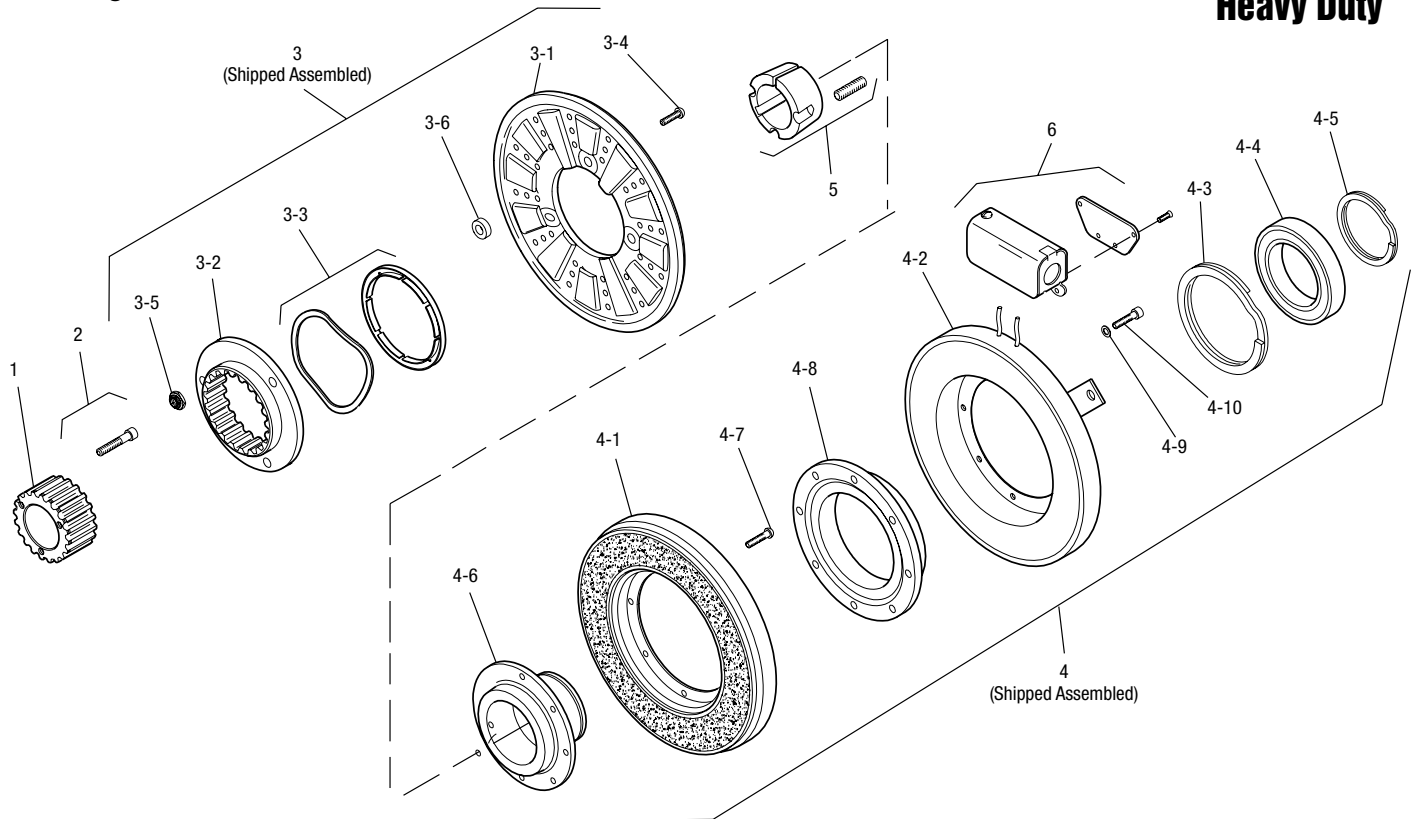
### Customer Shall Maintain:

1. Armature hub pilot diameter to be concentric with field and rotor mounting shaft within .010 T.I.R.



## SF-1225 Bearing Mounted Heavy Duty

Drawing I-25622



| Item | Description                 | Part Number  | Qty. |
|------|-----------------------------|--------------|------|
| 1    | Splined Hub                 | 540-0148     | 1    |
| 2    | Accessory Mounting          | 5202-101-001 | 3    |
| 3    | Armature & Adapter Assembly | 5203-111-001 | 1    |
| 3-1  | Armature                    | 5323-111-034 | 1    |
| 3-2  | Splined Adapter             | 104-0010     | 1    |
| 3-3  | Autogap Accessory           | 5323-101-002 | 1    |
| 3-4  | Screw                       | 797-0356     | 4    |
| 3-5  | Locknut                     | 661-0005     | 4    |
| 3-6  | Spacer                      | 266-0004     | 4    |
| 4    | Field & Rotor Assembly      |              | 1    |
|      | 6 Volt                      | 5203-452-009 |      |
|      | 24 Volt                     | 5203-452-011 |      |
|      | 90 Volt                     | 5203-452-012 | 1    |
| 4-1  | Rotor                       |              | 1    |
|      | Standard Friction Material  | 5203-751-001 |      |
|      | †Optional LK Facing         | 5203-751-004 |      |
| 4-2  | Field                       |              | 1    |
|      | 6 Volt                      | 5203-451-034 |      |
|      | 24 Volt                     | 5203-451-036 |      |
|      | 90 Volt                     | 5203-451-037 |      |
| 4-3  | Retainer Ring               | 748-0119     | 1    |
| 4-4  | Ball Bearing                | 166-1047     | 1    |

| Item | Description      | Part Number          | Qty. |
|------|------------------|----------------------|------|
| 4-5  | Retainer Ring    | 748-0011             | 1    |
| 4-6  | Rotor Hub        | 540-1304             | 1    |
| 4-7  | Buttonhead Screw | 797-1261             | 8    |
| 4-8  | Ring Adapter     | 748-0591             | 1    |
| 4-9  | Lockwasher       | 950-0359             | 6    |
| 4-10 | Sockethead Screw | 797-0424             | 6    |
| 5    | Bushing*         | 180-0185 to 180-0217 | 1    |
| 6    | Conduit Box      | 5200-101-012         | 1    |

### How to Order:

1. Specify Bore Size for Item 5.
2. Specify Voltage for Item 4.
3. See Controls Section.

### Example:

SF-1225 Clutch per I-25622 - 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-0215-WE

†Optional LK facing available. For more information, see page 232.