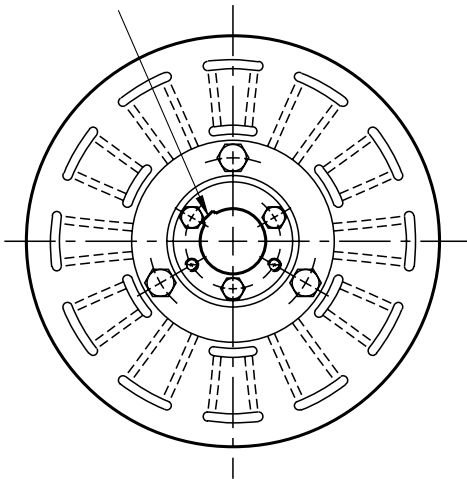


SFC Series Clutch Coupling

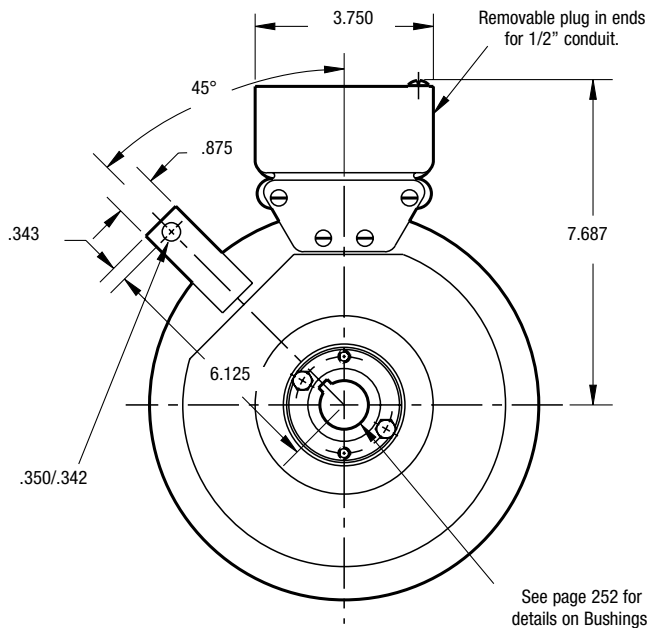
SFC-1000 Bearing Mounted



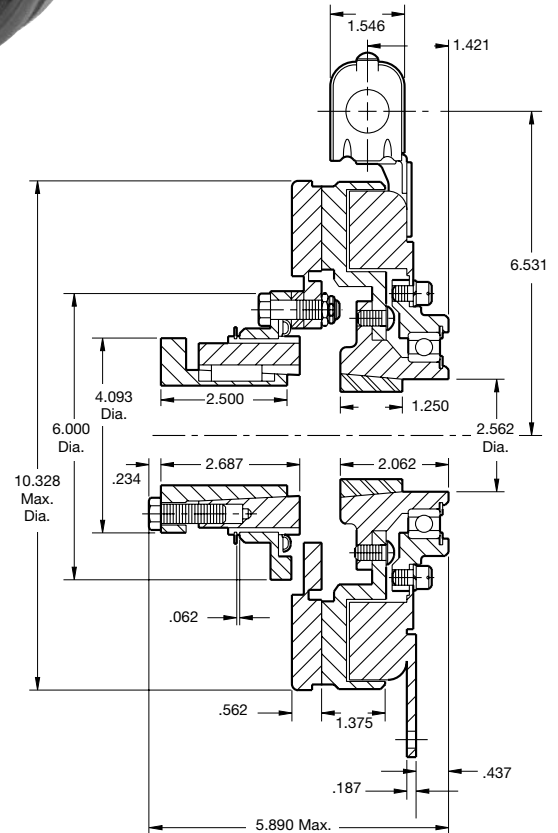
See page 252 for details on Bushings.



ARMATURE VIEW



FIELD VIEW



| | |
|------------------|----------------|
| Armature Shaft | .750 – 2.687 |
| Rotor Shaft | .500 – 2.000 |
| Static Torque | 240 lb.ft. |
| Maximum Speed | 2,500 rpm |
| Standard Voltage | D.C. 6, 24, 90 |

Customer Shall Maintain:

1. Armature mounting shaft concentric with field and rotor mounting shaft within .006 T.I.R.
2. Angular alignment of shafts within 1/2 degree.

All dimensions are nominal unless otherwise noted.

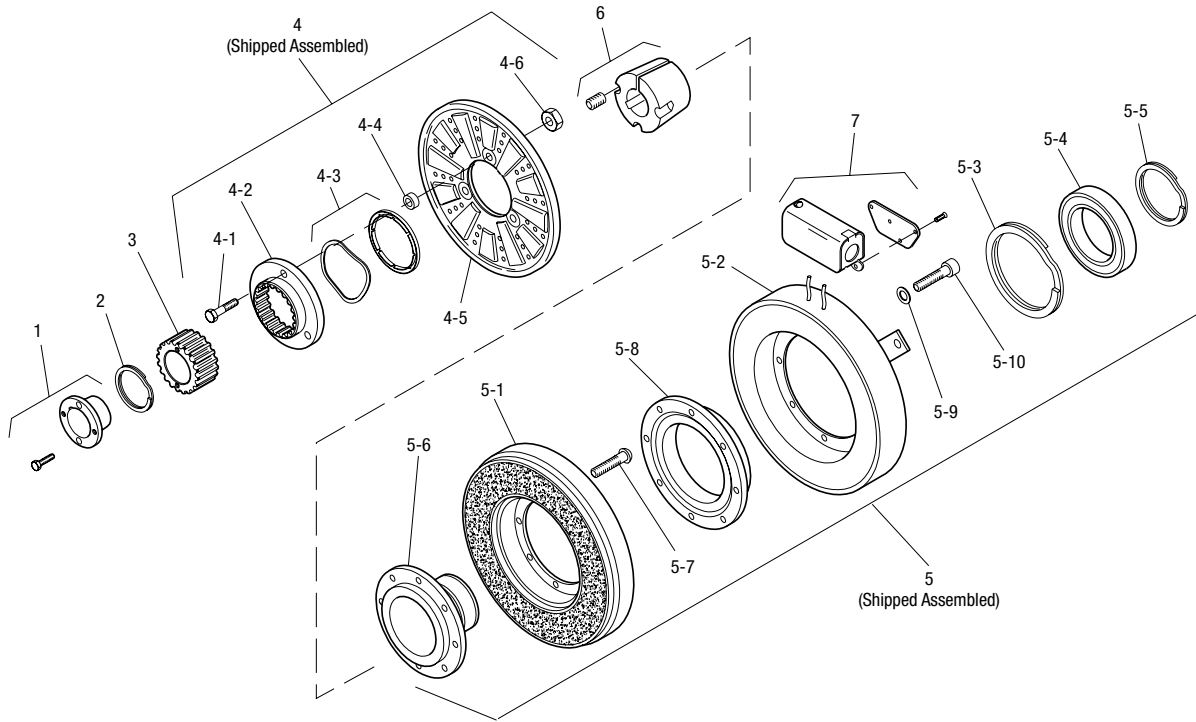
Information on inertia and weights begins on page 239. Coil data is on pages 250 and 251.



SFC Series Clutch Coupling

SFC-1000 Bearing Mounted

Drawing I-25598



| Item | Description | Part Number | Qty. |
|------|----------------------------|----------------------|------|
| 1 | Bushing* | | 1 |
| | 3/4" to 2-11/16" Bore | 180-0026 to 180-0057 | |
| 2 | Retainer Ring | 748-0007 | 1 |
| 3 | Splined Hub | 540-0062 | 1 |
| 4 | Armature & Splined Adapter | 5202-111-001 | 1 |
| 4-1 | Capscrew | 797-0341 | 3 |
| 4-2 | Splined Adapter | 104-0009 | 1 |
| 4-3 | Autogap Accessory | 5322-101-004 | 1 |
| 4-4 | Spacer | 748-0333 | 3 |
| 4-5 | Armature | 5322-111-036 | 1 |
| 4-6 | Locknut | 661-0004 | 3 |
| 5 | Field & Rotor Assembly | | 1 |
| | 6 Volt | 5202-452-012 | |
| | 24 Volt | 5202-452-014 | |
| | 90 Volt | 5202-452-015 | |
| 5-1 | Rotor | | 1 |
| | Standard Friction Material | 5202-751-003 | |
| | †Optional LK Facing | 5202-751-007 | |
| 5-2 | Field & Bearing Assembly | | 1 |
| | 6 Volt | 5202-451-040 | |
| | 24 Volt | 5202-451-042 | |
| | 90 Volt | 5202-451-043 | |
| 5-3 | Retainer Ring | 748-0116 | 1 |
| 5-4 | Ball Bearing | 166-1046 | 1 |

| Item | Description | Part Number | Qty. |
|------|----------------------|----------------------|------|
| 5-5 | Retainer Ring | 748-0582 | 1 |
| 5-6 | Rotor Hub | 540-1300 | 1 |
| 5-7 | Buttonhead Capscrew | 797-1261 | 6 |
| 5-8 | Ring Adapter | 748-1047 | 1 |
| 5-9 | Lockwasher | 950-0359 | 6 |
| 5-10 | Socket Head Capscrew | 797-0422 | 6 |
| 6 | Bushing* | | 1 |
| | 1/2" to 2" Bore | 180-0155 to 180-0179 | |
| 7 | Conduit Box | 5200-101-012 | 1 |

How to Order:

1. Specify Bore Size for Items 1 and 6.
2. Specify Voltage for Item 5.
3. See Controls Section.

Example:

SFC-1000 Clutch Coupling per I-25598 - 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-0207-WE

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