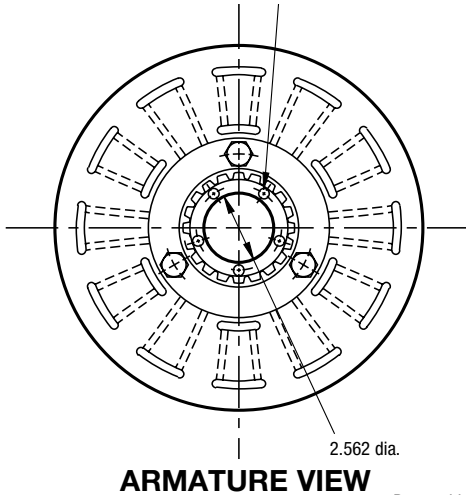


# Series SF Clutch

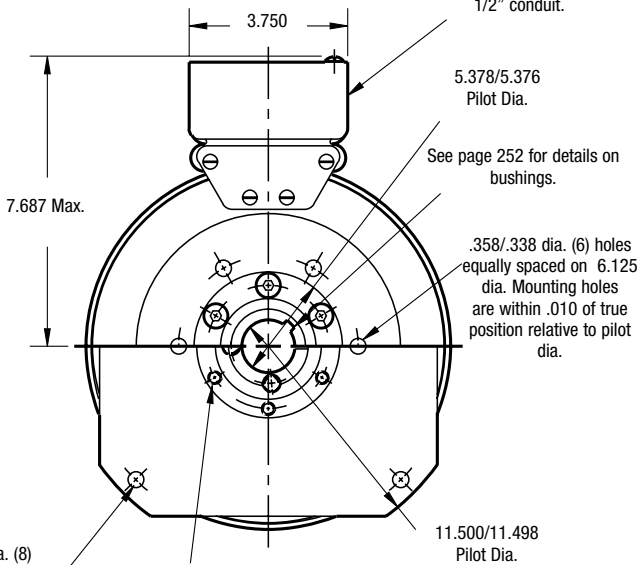
## SF-1000 Flange Mounted Heavy Duty

.397/.388 dia. 3 holes (hub) equally spaced on 3.187 dia. Mounting holes are within .003 of true position relative to pilot dia.



**ARMATURE VIEW**

Removable plug in ends for 1/2" conduit.

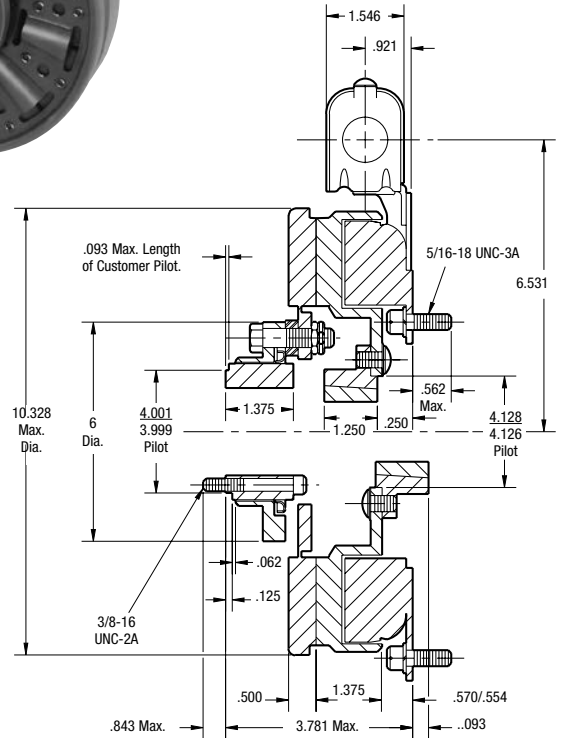


**FIELD VIEW**

(Inside & Outside Mounted)

.358/.338 dia. (8) holes equally spaced on 10.625 dia. are within .010 of true position relative to pilot dia.

.350/.341 dia. (6) holes equally spaced on 4.875 dia. Mounting holes are within .008 of true position relative to pilot dia.



Shaft Size	.500 – 2.000
Static Torque	240 lb.ft.
Maximum Speed	3,600 rpm
Standard Voltage	D.C. 6, 24, 90

### Customer Shall Maintain:

1. Concentricity of field mounting pilot diameter with rotor mounting shaft within .006 T.I.R.
2. Squareness of field mounting face with shaft within .006 T.I.R. measured at field mounting bolt circle.
3. Rotor mounting shaft concentric with armature hub pilot diameter within .010 T.I.R.

### When Hub is Furnished by Customer:

Rotor mounting pilot diameter must be concentric with rotor mounting shaft within .006 T.I.R.

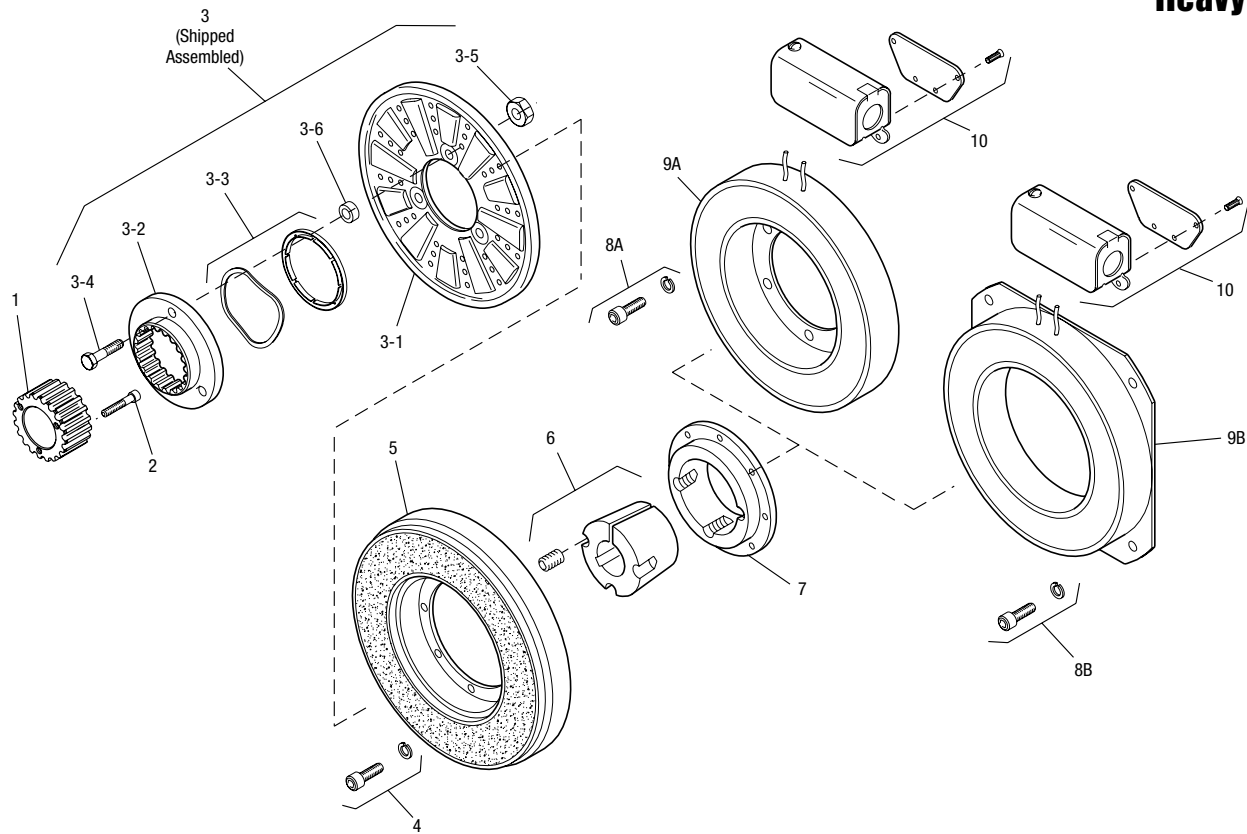
All dimensions are nominal unless otherwise noted.

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



Drawing I-25581

## SF-1000 Flange Mounted Heavy Duty



Item	Description	Part Number	Qty.
1	Splined Hub	540-0147	1
2	Mounting Accessory	5202-101-001	1
3	Armature & Splined Adapter	5202-111-001	1
3-1	Armature	5322-111-036	1
3-2	Splined Adapter	104-0009	1
3-3	Autogap Accessory	5322-101-004	1
3-4	Screw	797-0341	3
3-5	Locknut	661-0004	3
3-6	Spacer	748-0333	3
4	Mounting Accessory	5201-101-007	1
5	Rotor		1
	Standard Friction Material	5202-751-003	
	†Optional LK Facing	5202-751-007	
6	Bushing, Taperlock*	180-0155 to 180-0179	1
7	Rotor Hub	540-0315	1
8A	Mounting Accessory, I.M.	5321-101-001	1
8B	Mounting Accessory, O.M.	5321-101-002	2
9A	Field, Inside Mounted		1
	6 Volt	5202-451-004	
	24 Volt	5202-451-006	
	90 Volt	5202-451-007	

Item	Description	Part Number	Qty.
9B	Field, Outside Mounted		1
	6 Volt	5202-451-011	
	24 Volt	5202-451-013	
	90 Volt	5202-451-014	
10	Conduit Box	5200-101-012	1

### How to Order:

1. Specify Bore Size for Item 6.
2. Specify Voltage for Item 9A or 9B.
3. Specify Inside Mounted for Items 8A and 9A or Outside Mounted for Items 8B and 9B.
4. See Controls Section.

### Example:

SF-1000 Clutch Coupling, Heavy Duty per I-25581 - 90 Volt, Inside Mounted, 1-1/4" Bore (Item 6)

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.