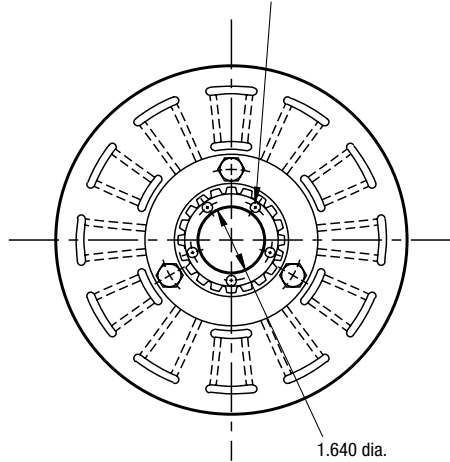


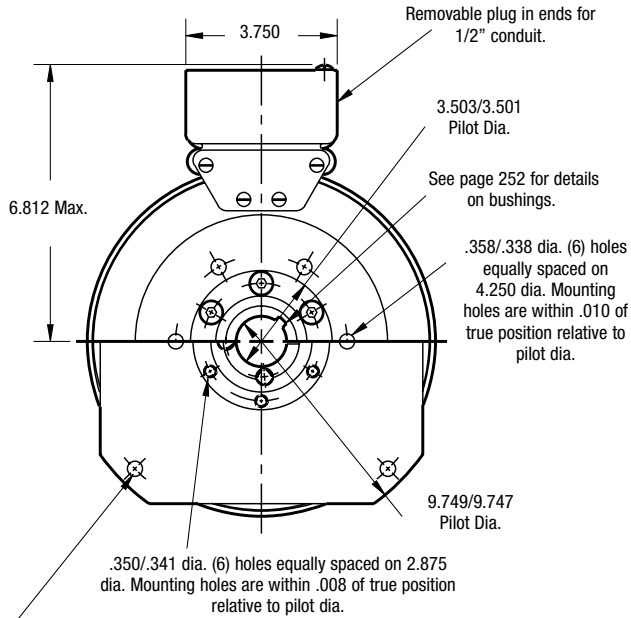
# Series SF Clutch

## SF-825 Flange Mounted Heavy Duty

.271/.263 dia. 5 holes (hub) equally spaced on 2.015 dia. Mounting holes are within .003 of true position relative to pilot dia.



**ARMATURE VIEW**



**FIELD VIEW**

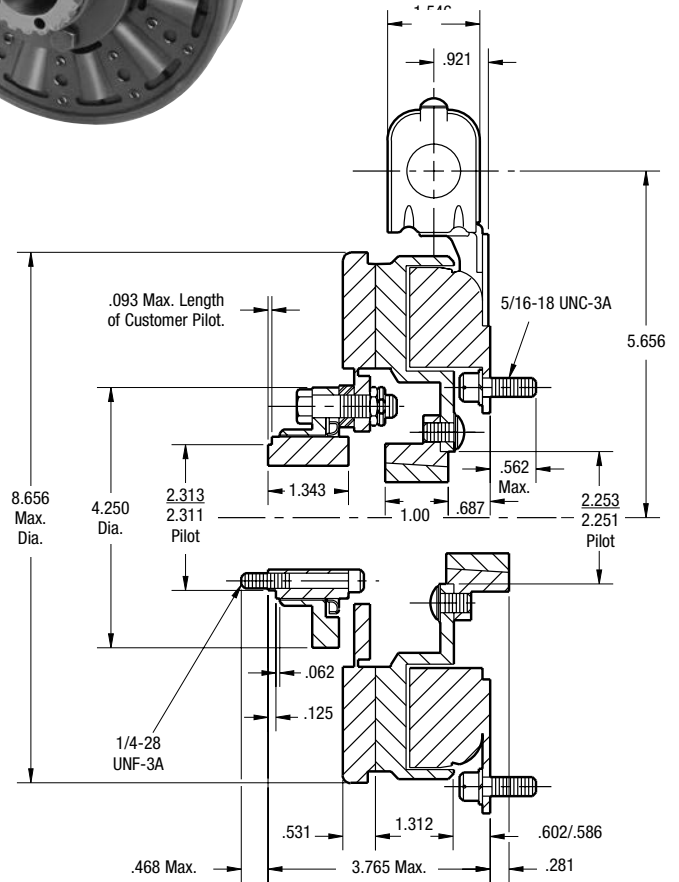
(Inside & Outside Mounted)

### 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.



Shaft Size	.500 – 1.250
Static Torque	125 lb.ft.
Maximum Speed	4,000 rpm
Standard Voltage	D.C. 6, 24, 90

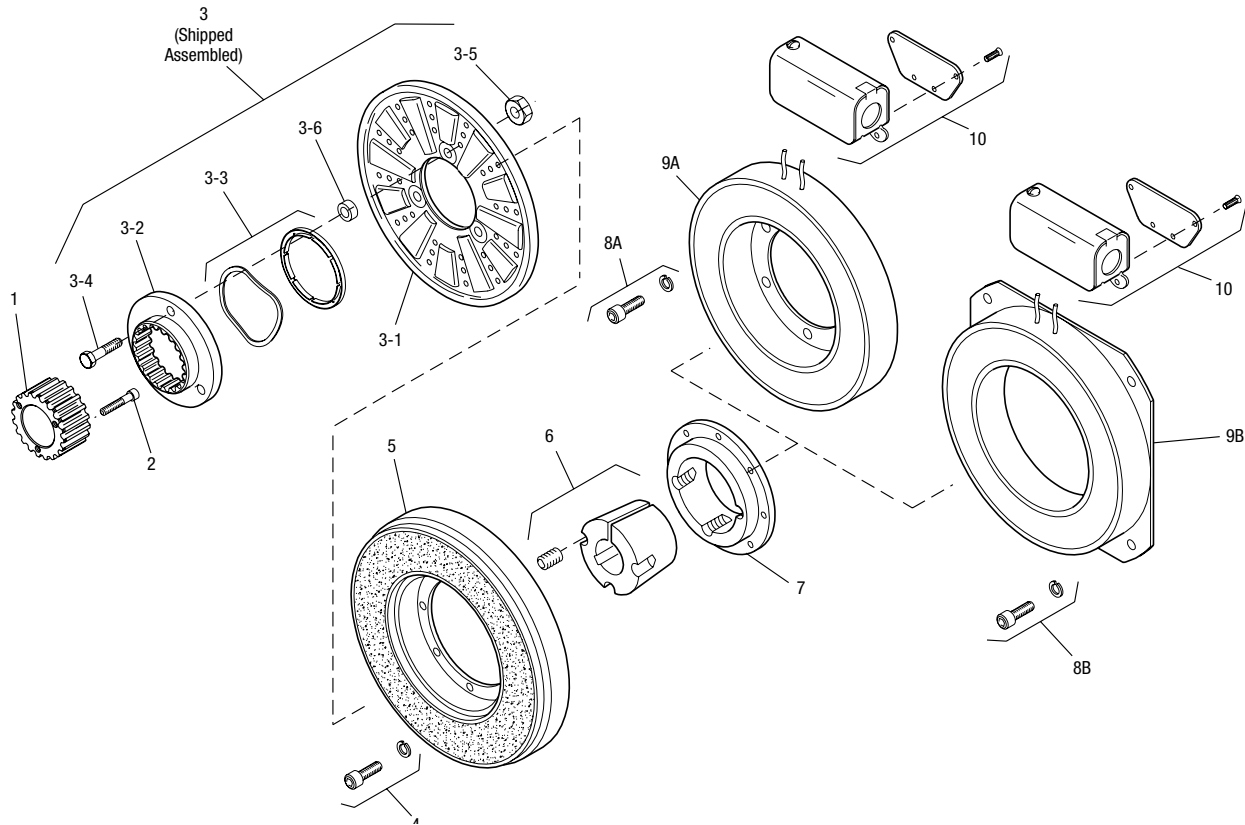
All dimensions are nominal unless otherwise noted.

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



## SF-825 Flange Mounted Heavy Duty

Drawing I-25561



Item	Description	Part #	Qty.
1	Splined Hub	540-0146	1
2	Mounting Accessory	5201-101-001	1
3	Armature & Splined Adapter	5201-111-001	1
3-1	Armature	5321-111-022	1
3-2	Splined Adapter	104-0008	1
3-3	Autogap Accessory	5321-101-006	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	5201-751-003	
	†Optional LK Facing	5201-751-007	
6	Bushing, Taperlock*	180-0101 to 180-0113	1
7	Rotor Hub	540-0013	1
8A	Mounting Accessory, I.M.	5321-101-001	1
8B	Mounting Accessory, O.M.	5321-101-002	1
9A	Field, Inside Mounted		1
	6 Volt	5201-451-006	
	24 Volt	5201-451-008	
	90 Volt	5201-451-010	

Item	Description	Part #	Qty.
9B	Field, Outside Mounted		1
	6 Volt	5201-451-014	
	24 Volt	5201-451-016	
	90 Volt	5201-451-018	
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-825 Clutch Coupling, Heavy Duty, per I-25561 - 90 Volt, Inside Mounted, 1" 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.