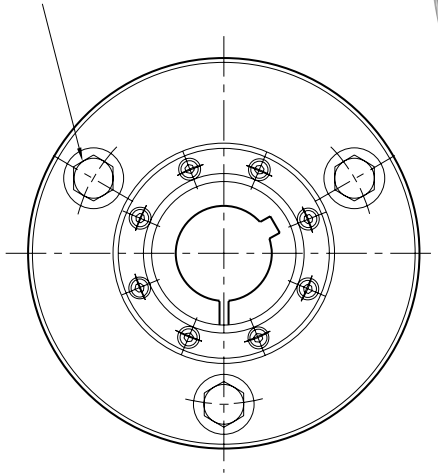
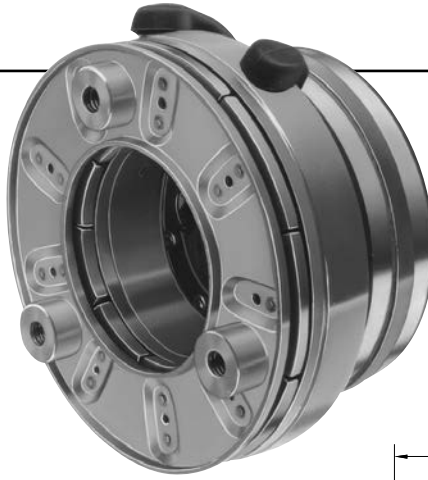


# PC Series Clutch

## PC-500

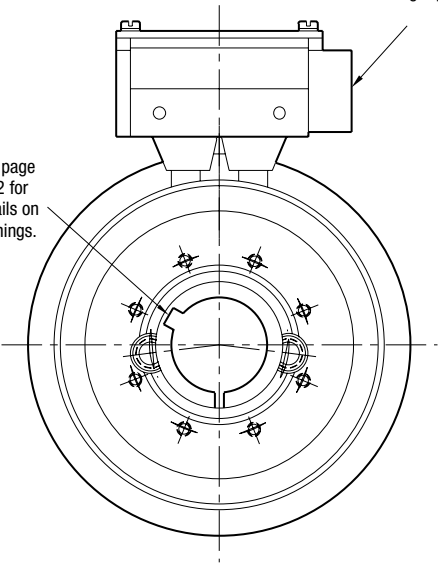
See page 230 for details on Drive Pin mountings.



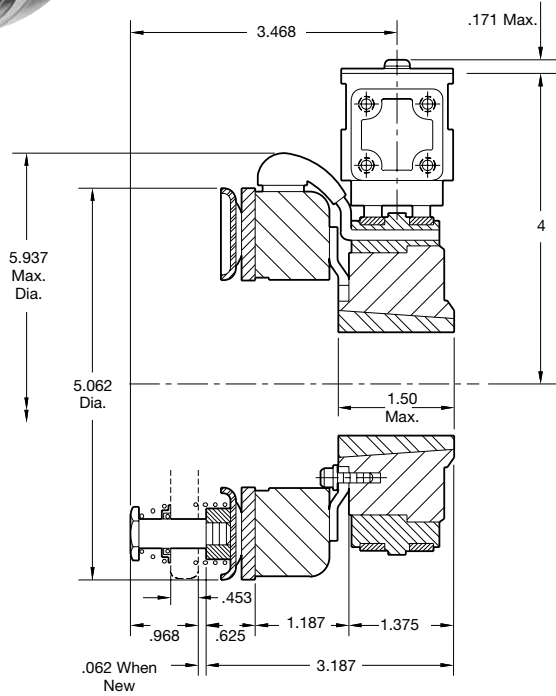
**ARMATURE VIEW**

1/2-14 NPSM Am. std. straight pipe tap.

See page 252 for details on Bushings.



**MAGNET VIEW**



|                  |                |
|------------------|----------------|
| Shaft Size       | .500 – 1.250   |
| Static Torque    | 40 lb.ft.      |
| Maximum Speed    | 5,400 rpm      |
| Standard Voltage | D.C. 6, 24, 90 |

All dimensions are nominal unless otherwise noted.

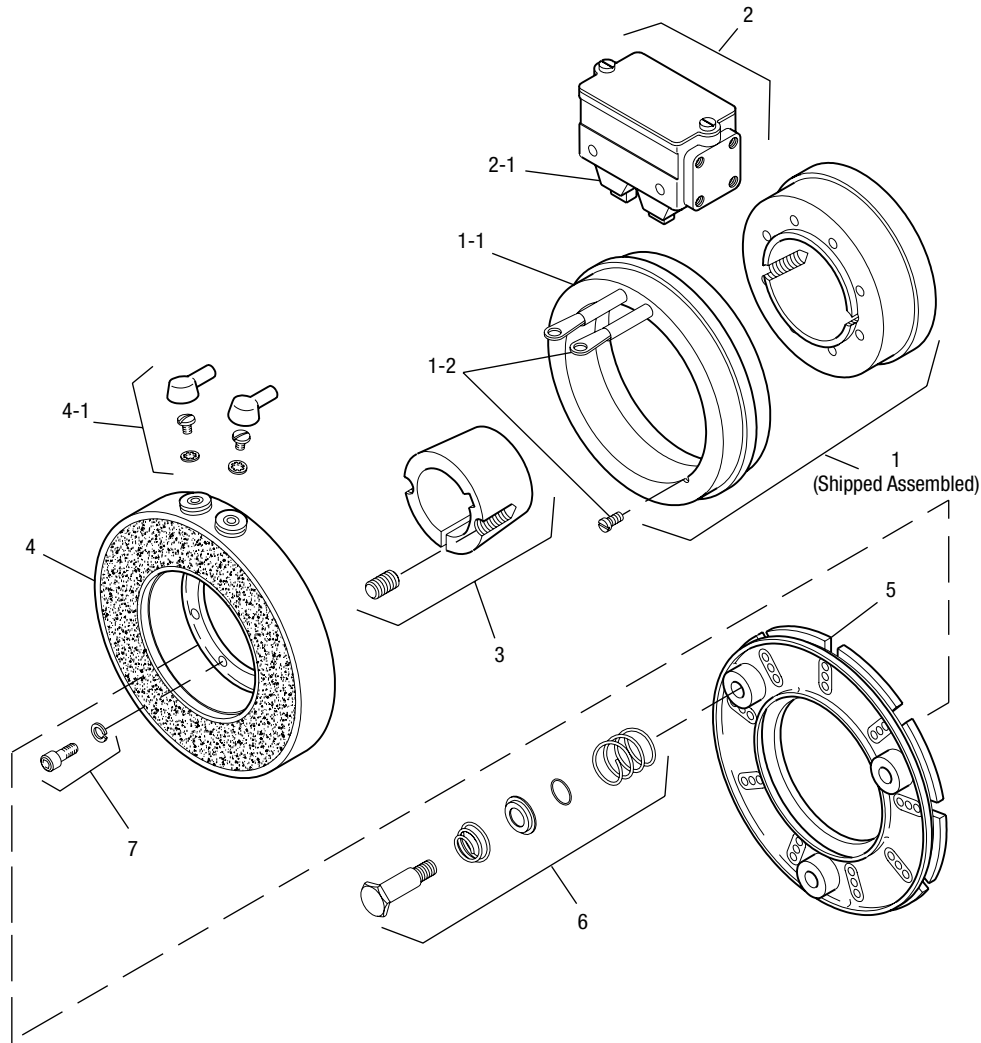
Information on inertia and weights begins on page 239. Coil data is on pages 250 and 251.

### Customer Shall Maintain:

1. Armature mounting to be concentric with magnet hub assembly within .006 T.I.R.



Drawing I-25716



| Item | Description                  | Part Number          | Qty. |
|------|------------------------------|----------------------|------|
| 1    | Magnet Hub                   | 5300-541-001         | 1    |
| 1-1  | Collector Ring               | 5300-749-001         | 1    |
| 1-2  | Collector Ring Mounting Acc. | 5300-101-002         | 1    |
| 2    | Brushholder                  | 5300-178-001         | 1    |
| 2-1  | Brush                        | 176-0001             | 4    |
| 3    | Bushing*                     |                      | 1    |
|      | 1/2" to 1-1/4" Bore          | 180-0116 to 180-0128 |      |
| 4    | Magnet                       |                      | 1    |
|      | 6 Volt.                      | 5300-631-002         |      |
|      | 24 Volt                      | 5300-631-003         |      |
|      | 90 Volt                      | 5300-631-005         |      |
| 4-1  | Terminal Accessory           | 5311-101-001         | 1    |
| 5    | Armature                     | 5300-111-002         | 1    |
| 6    | Autogap Accessory            | 5200-101-009         | 3    |
| 7    | Mounting Accessory           | 5102-101-001         | 2    |

### How to Order:

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

### Example:

PC-500 Clutch per I-25716 - 90 Volt, 3/4" Bore

These units, when used in conjunction with the correct Warner Electric conduit box, meet the standards set of UL508 and are listed under guide card #NMTR2, file #59164.

These units are CSA certified under file #LR11543.

\*See page 252 for specific part numbers.

Refer to Service Manual P-0203-WE