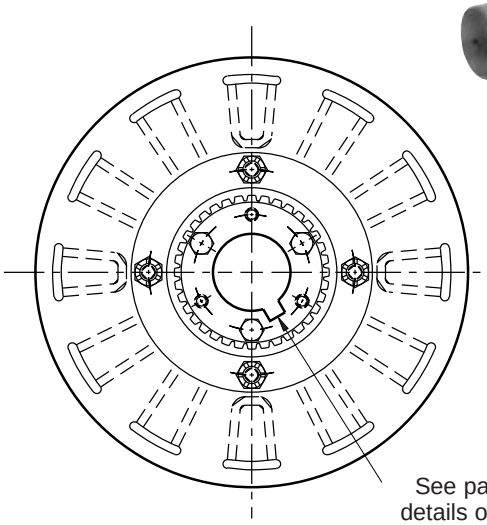
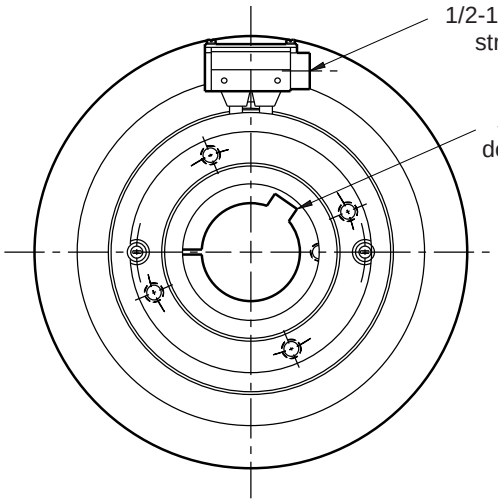
Clutch Coupling

PCC-1225



See page 252 for details on Bushings.

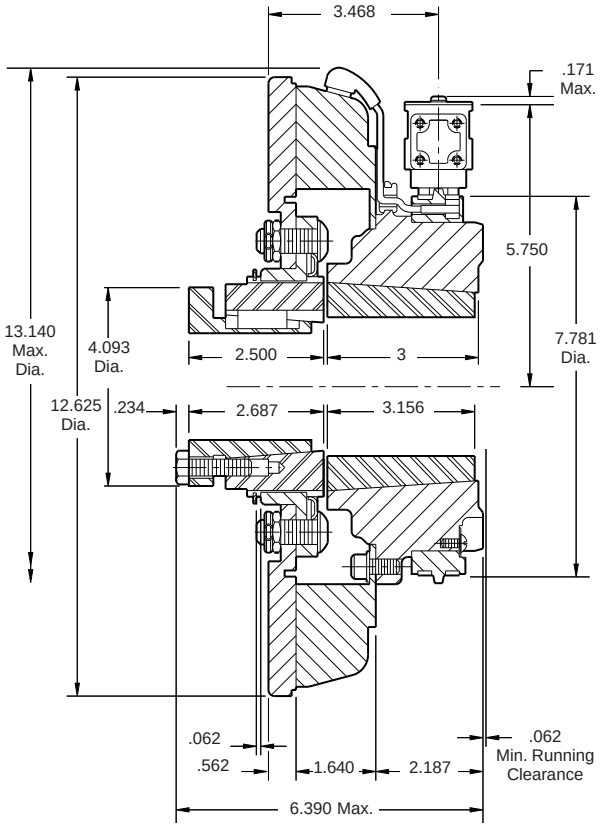
ARMATURE VIEW



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

See page 252 for details on Bushings.

PCC-1225
COLLECTOR RING VIEW



Armature Shaft	.750 – 2.687
Magnet Shaft	.937 – 3.00
Static Torque	465 lb.ft.
Maximum Speed	3,000 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.

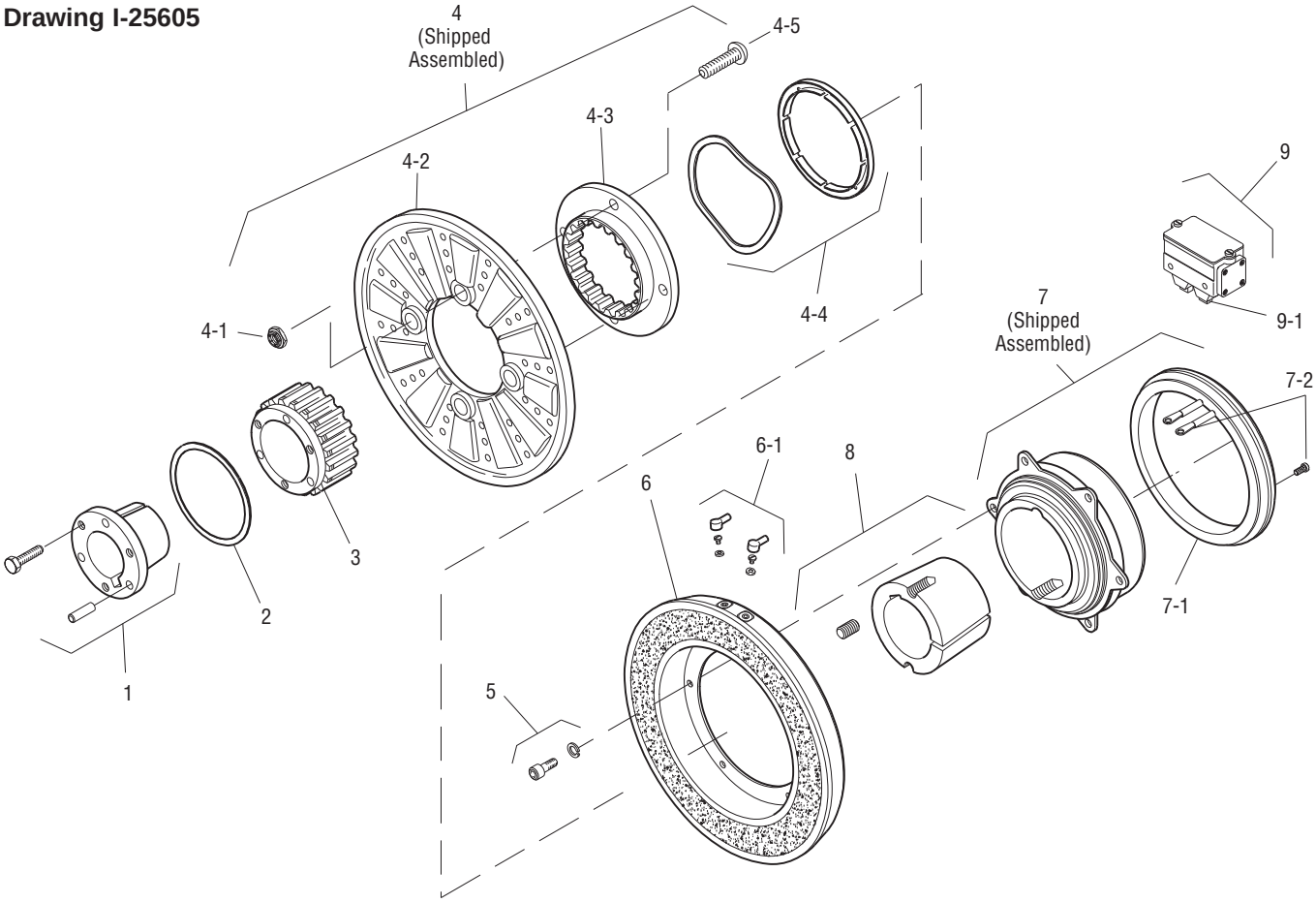
Customer Shall Maintain:

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

Sold & Serviced By:
ELECTROMATE
Toll Free Phone (877) SERV098
Toll Free Fax (877) SERV099
www.electromate.com
sales@electromate.com

PCC-1225

Drawing I-25605



Item	Description	Part Number	Qty.
1	Bushing*		1
	3/4" to 2-11/16" Bore	180-0026 to 180-0057	
2	Retainer Ring	748-0005	1
3	Splined Hub	540-0064	1
4	Armature & Splined Adapter	5323-111-001	1
4-1	Locknut	661-0005	4
4-2	Armature	5323-111-034	1
4-3	Splined Adapter	104-0010	1
4-4	Autogap Accessory	5323-101-002	1
4-5	Screw	797-0281	4
5	Mounting Accessory	5321-101-001	1
6	Magnet		1
	6 Volt	5303-631-005	
	24 Volt	5303-631-007	
	90 Volt	5303-631-008	
6-1	Terminal Accessory	5311-101-001	1
7	Magnet Hub		1
	Left Hand (shown)	5303-541-001	
	Right Hand	5303-541-002	
7-1	Collector Ring	5301-749-001	1
7-2	Collector Ring Accessory	5303-101-004	1

Item	Description	Part Number	Qty.
8	Bushing*		1
	15/16" to 3" Bore	180-0262 to 180-0295	
9	Brushholder	5300-178-001	1
9-1	Brush	176-0001	4

How to Order:

1. Specify Bore Size for Item 1.
2. Specify Voltage for Item 6.
3. Specify left hand or right hand hub for Item 7. (Bushing enters from magnet side for L.H. hub and from hub side for R.H.)
4. Specify Bore Size for Item 8.
5. See Controls Section.

Example:

PCC-1225 Clutch Coupling per
I-25605 - 90 Volt, L.H. hub,
1-1/2" Bore (Item 1), 2" Bore (Item 8)

These units meet the standards 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-206.

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