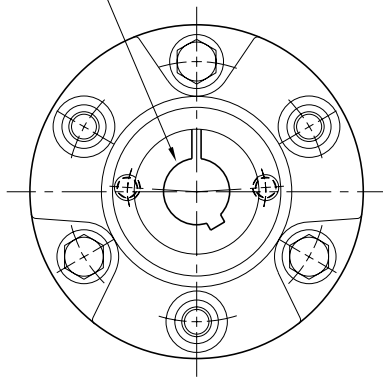


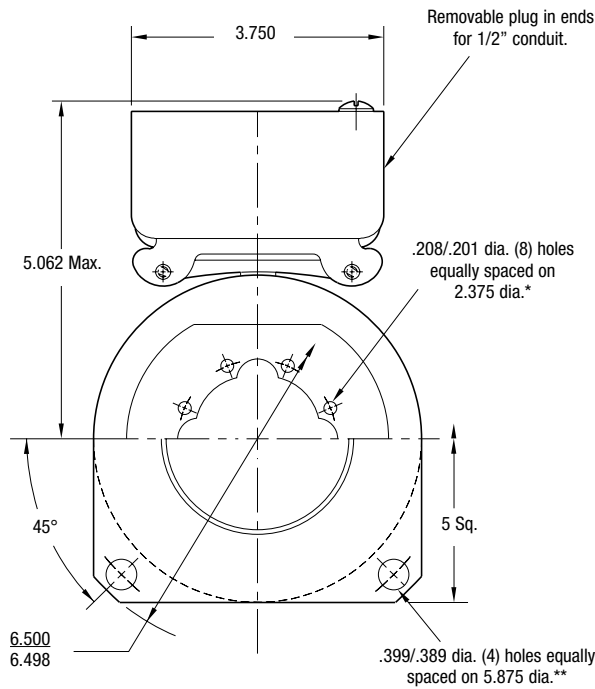
# PB Series Brake

## PB-500 Normal Duty

See page 252 for details on Bushings.



**HUB VIEW**



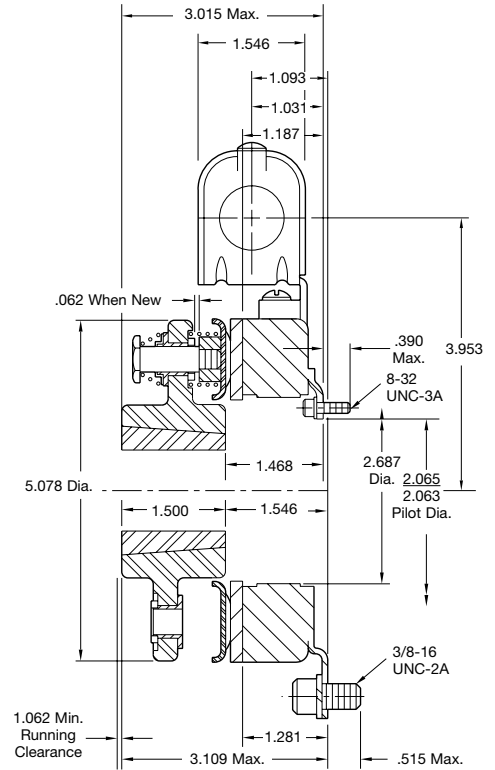
**MAGNET VIEW**  
(Inside & Outside Mounted)

\* Mounting holes are within .010 of true position relative to pilot diameter.

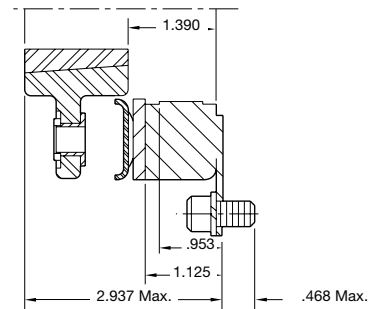
\*\* Mounting holes are within .008 of true position relative to pilot diameter.

### Customer Shall Maintain:

1. Squareness of brake mounting face with armature hub shaft within .006 T.I.R.
2. Concentricity of brake mounting pilot diameter with armature hub shaft within .010 T.I.R



### Outside Mounted Offset Backing Plate



### Outside Mounted Flush Backing Plate

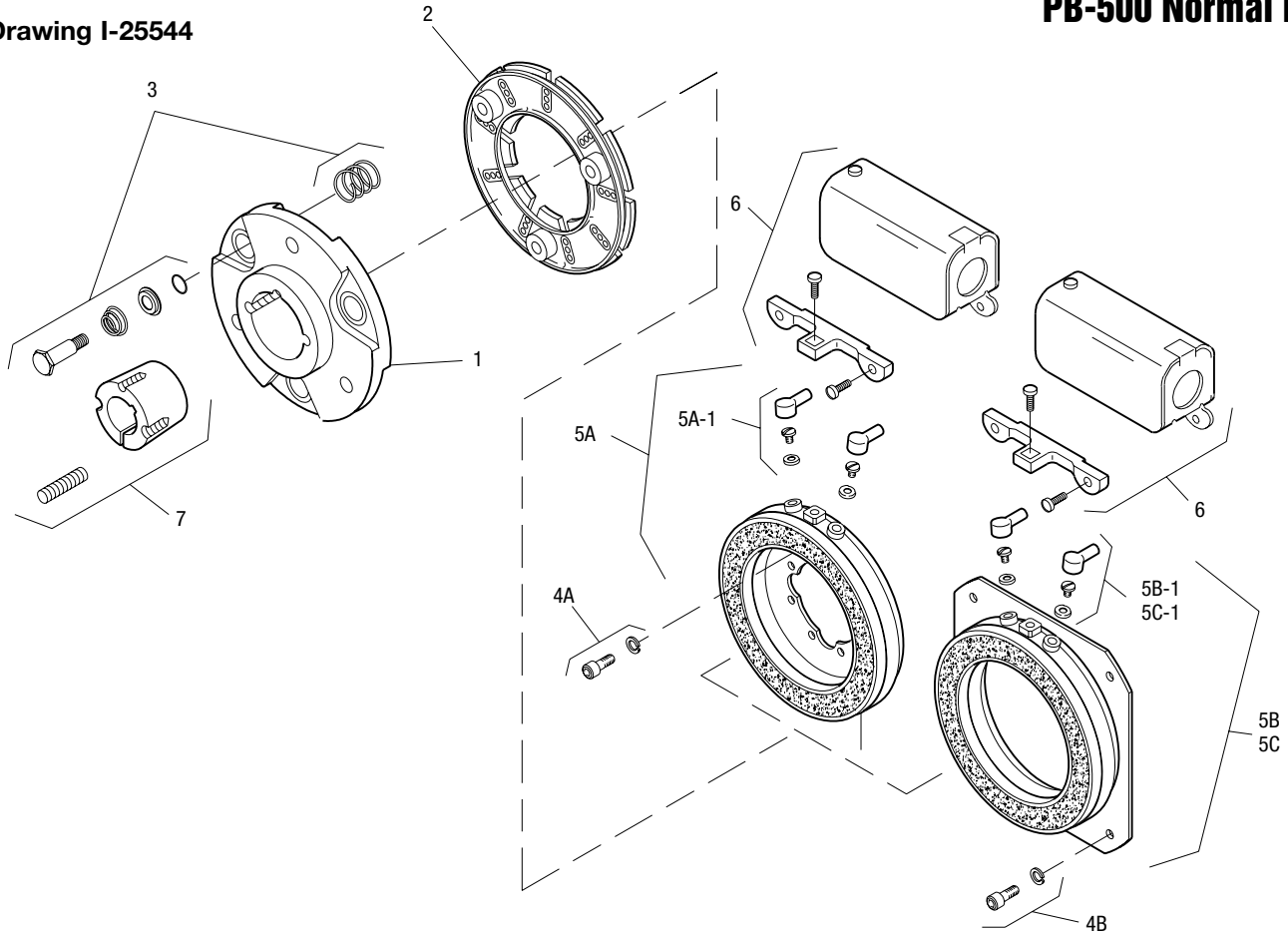
Static Torque	40 lb.ft.
Maximum Speed	5,400 rpm
Standard Voltage	D.C. 6, 24, 90

All dimensions are nominal unless otherwise noted.

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

## PB-500 Normal Duty

Drawing I-25544



Item	Description	Part Number	Qty.
1	Armature Hub		1
	Standard Hub	5300-541-004	
	Optional Bronze Bushings	5300-541-014	
2	Armature		1
	Segmented-Standard	5300-111-002	
	Solid	110-0241	
3	Autogap Accessory	5200-101-009	3
4A	Mounting Accessory - I.M.	5102-101-001	2
4B	Mounting Accessory - O.M.	5300-101-008	1
5A	Magnet - I.M.		1
	6 Volt	5300-631-002	
	24 Volt	5300-631-003	
	90 Volt	5300-631-005	
	†90 Volt LK Facing	5300-631-020	
5A-1	Terminal Accessory	5311-101-001	1
5B	Magnet - O.M. - Offset		1
	90 Volt	5300-631-014	
	90 Volt	5300-631-011	
5B-1	Terminal Accessory	5311-101-001	1
5C	Magnet - O.M. - Flush		1
	6 Volt	5300-631-009	
	24 Volt	5300-631-010	
	90 Volt	5300-631-011	
	†90 Volt LK Facing	5300-631-025	

Item	Description	Part Number	Qty.
5C-1	Terminal Accessory	5311-101-001	1
6	Conduit Box	5200-101-010	1
7	Bushing*		1
	1/2" to 1-1/4" Bore	180-0116 to 180-0128	

### How to Order:

1. Specify Bore Size for Item 7.
2. Specify Voltage for Item 5A, 5B, or 5C.
3. Specify Inside Mounted for Item 5A and Outside Mounted (Offset) for Item 5B or Outside Mounted (Flush) for Item 5C.
4. See Controls Section.

### Example:

PB-500 Brake per I-25544 - 90 Volt, Inside Mounted, 3/4" 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-0204-WE

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