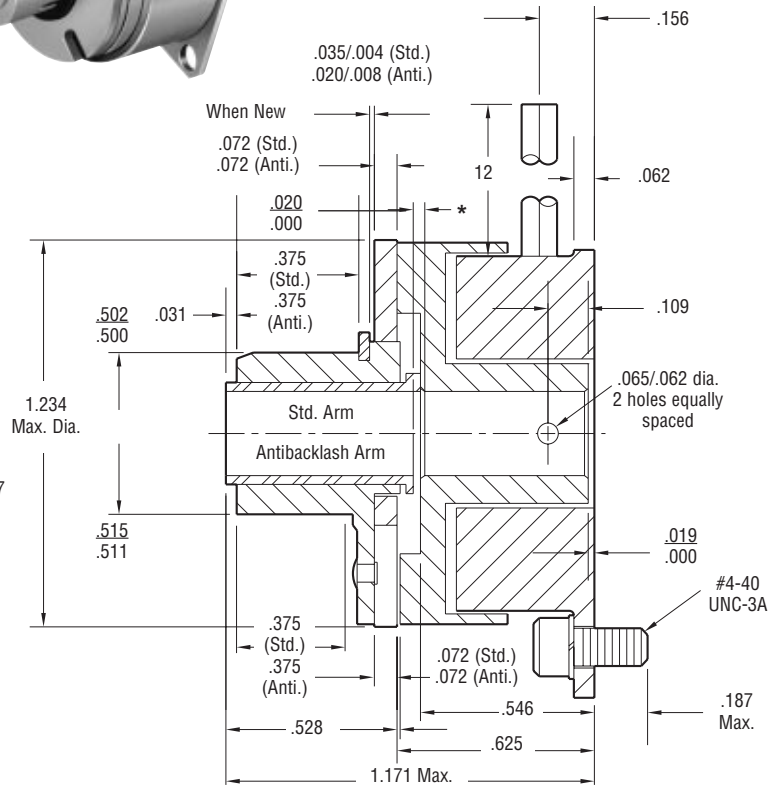
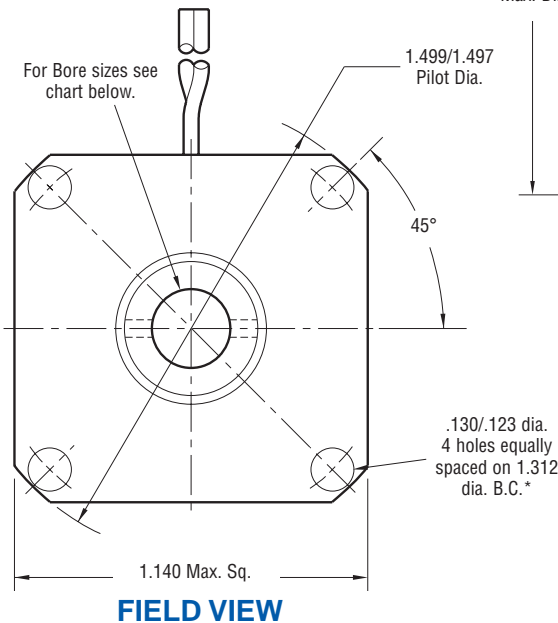
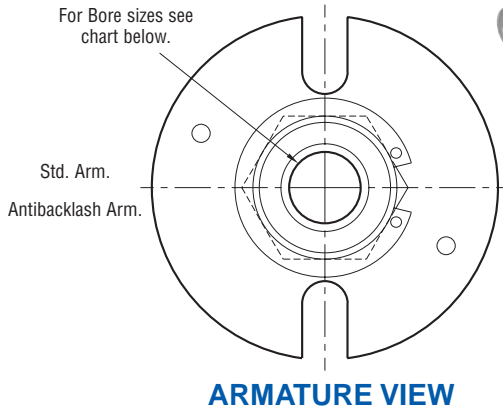
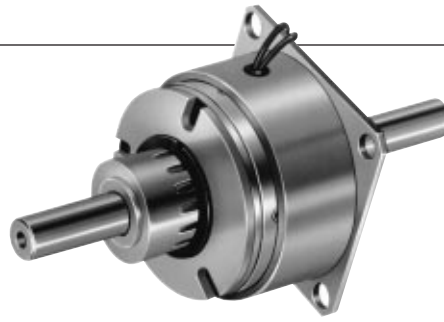


# Clutch

## SF-120 Flange Mounted



\* Mounting holes are within .006 of true position relative to pilot diameter.

### Bore Dimensions

Rotor Bore Dia.	Armature Bore Dia.
.188/.187	.195/.190
.251/.250	.257/.252
.313/.312	—

Static Torque	5 lb.in.
Maximum Speed	3,600 rpm
Standard Voltage	D.C. 6, 24, 90

All dimensions are nominal unless otherwise noted.

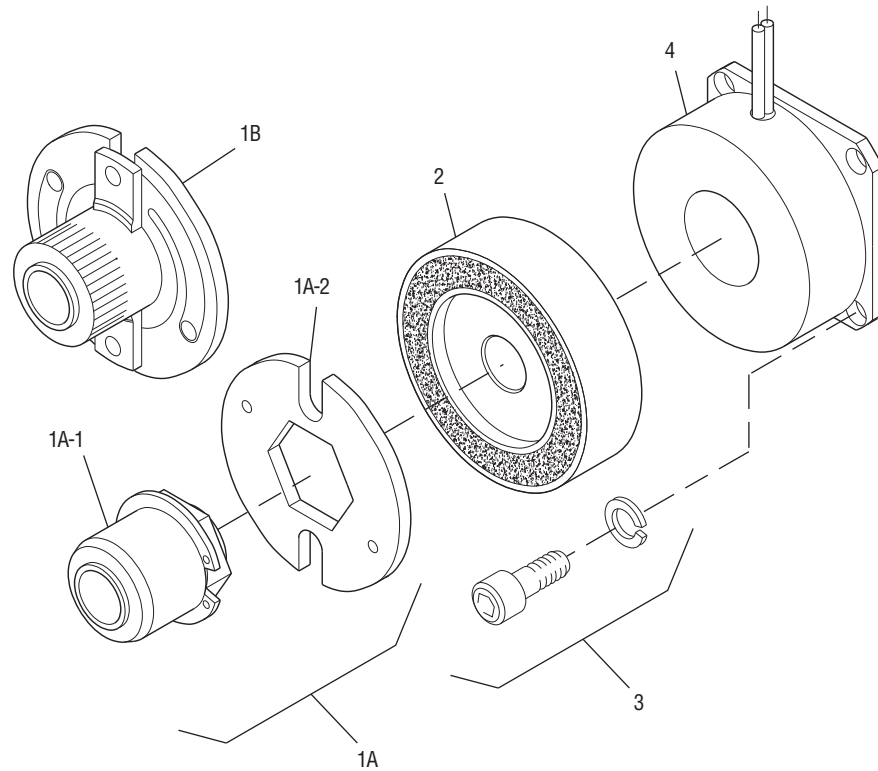
Information on inertia and weights begins on page 239. Coil data is on pages 250 and 251.

### Customer Shall Maintain:

1. Squareness of field mounting face with shaft with .003 T.I.R. measured at pilot dia.
2. Concentricity of field mounting pilot diameter with rotor mounting shaft within .003 T.I.R.



Drawing I-25508



Item	Description	Part Number	Qty.
1A	Armature and Hub		
1A-1	Armature Hub		1
	3/16" Bore	5602-541-009	
	1/4" Bore	5602-541-008	
1A-2	Armature	110-0110	1
1B	Antibacklash Armature		1
	3/16" Bore	5602-111-002	
	1/4" Bore	5602-111-003	
	5/16" Bore	5602-111-007	
2	Rotor		1
	3/16" Bore	5602-751-004	
	1/4" Bore	5602-751-002	
	5/16" Bore	5602-751-003	
3	Mounting Accessory	5101-101-001	1
4	Field		1
	6 Volt	5602-451-003	
	24 Volt	5602-451-005	
	90 Volt	5602-451-007	

**How to Order:**

1. Specify Type of Armature Desired.
2. Specify Bore Size for Item 1A-1 or 1B and Item 2.
3. Specify Voltage for Item 4.
4. See Controls Section.

**Example:**

SF-120 Clutch per I-25508 - 90 Volt  
 Standard Armature  
 1/4" Armature Hub Bore  
 1/4" Rotor Bore

These units meet standards set forth in UL508 and are listed under guide card #NMTR2, file #59164.

These units are CSA certified under file #LR11543.

Refer to Service Manual P-200.