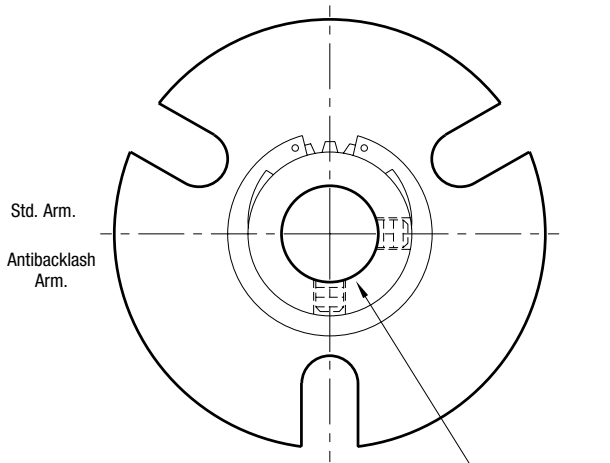
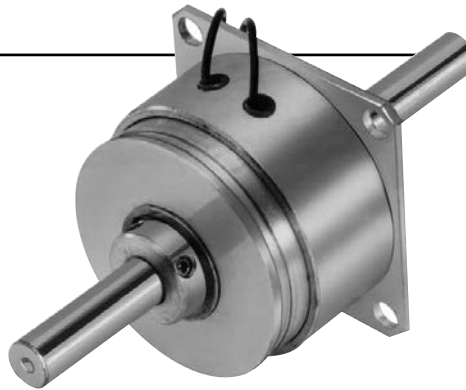
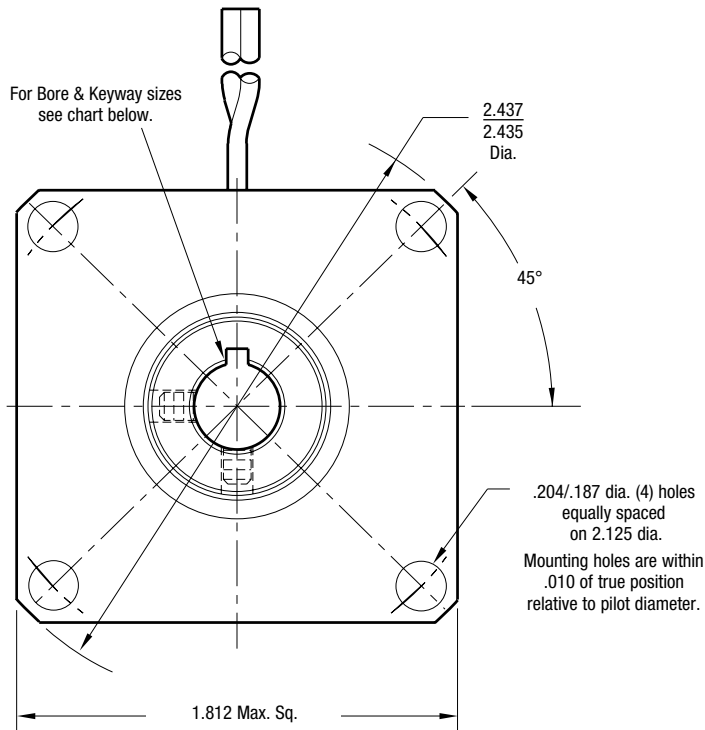


# SFC Series Clutch Coupling

## SFC-170 Flange Mounted



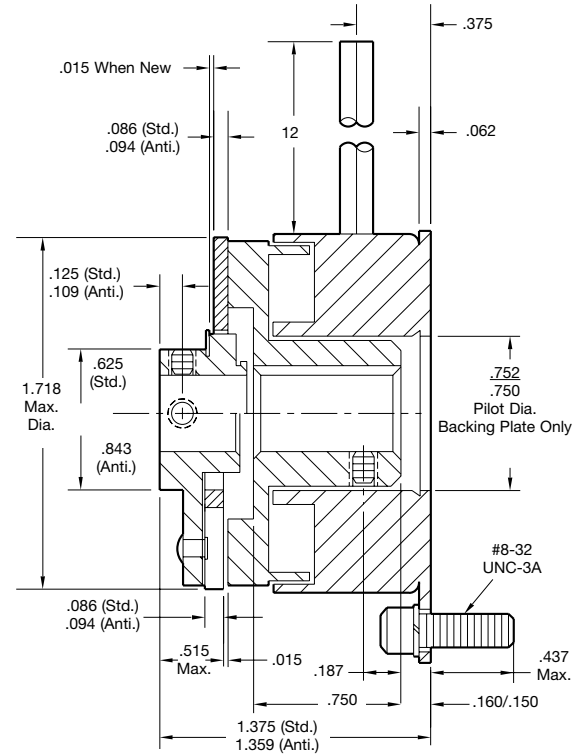
**ARMATURE VIEW**



**FIELD VIEW**

**Customer Shall Maintain:**

1. Squareness of field mounting face with rotor shaft within .003 T.I.R. measured at pilot diameter
2. Concentricity of field mounting pilot diameter with rotor mounting shaft within .003 T.I.R.
3. Rotor and armature shafts in line within .003 T.I.R.



**Bore Dimensions**

Rotor Bore Dia.	Keyway	Armature Bore Dia.
.251/.250	.062 x .031	.251/.250
.313/.312	.062 x .031	.313/.312
.376/.375	.093 x .046	.376/.375

Static Torque	15 lb.in.
Maximum Speed	5,000 rpm
Standard Voltage	D.C. 6, 24, 90

All dimensions are nominal unless otherwise noted.

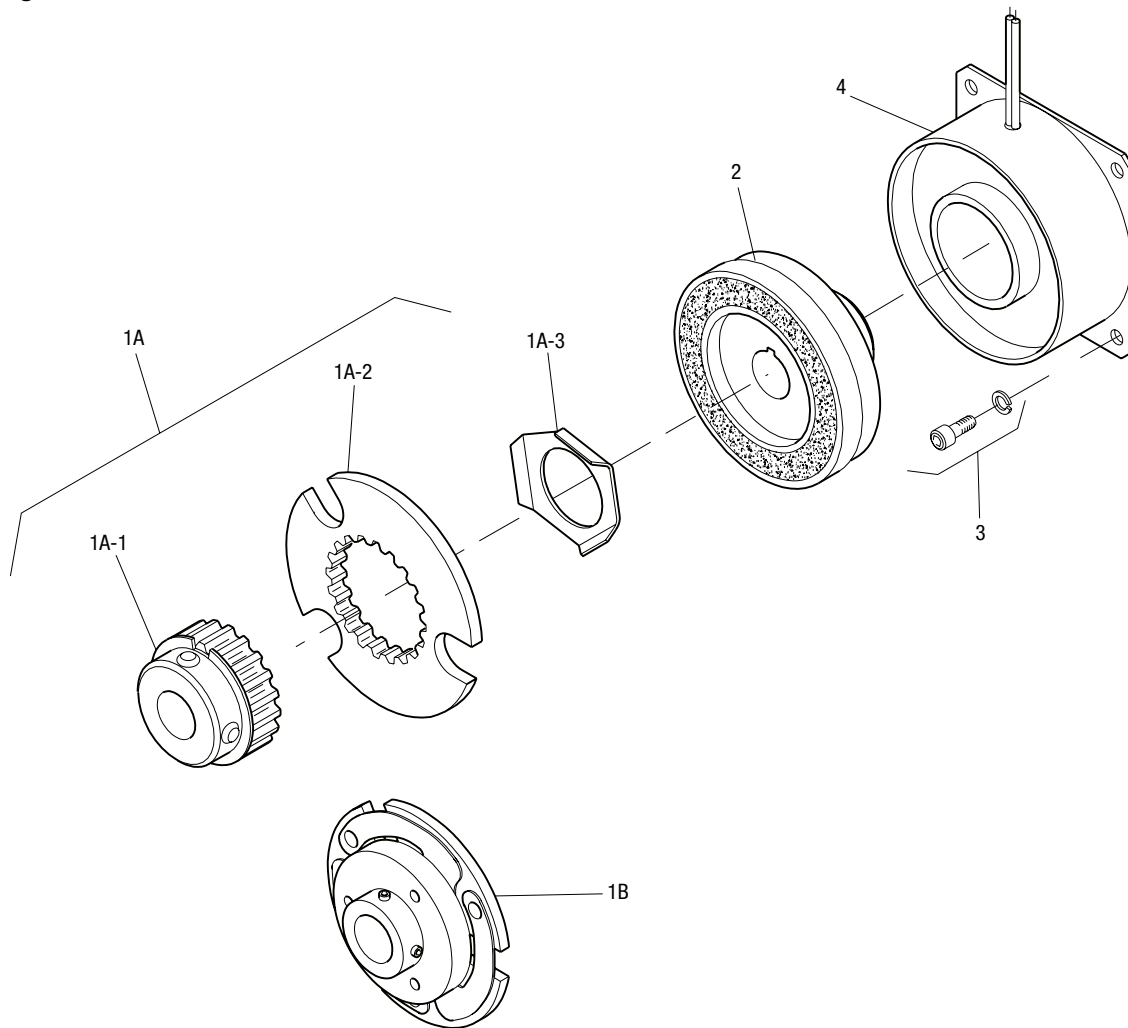
Information on inertia and weights begins on page 239. Coil data is on pages 250 and 251.



# SFC Series Clutch Coupling

## SFC-170 Flange Mounted

Drawing I-25756



Item	Description	Part Number	Qty.
1A	Armature and Hub		
1A-1	Armature Hub		1
	1/4" Bore	5102-541-002	
	5/16" Bore	5102-541-003	
	3/8" Bore	5102-541-004	
1A-2	Armature	110-0111	1
1A-3	Release Spring	808-0019	1
1B	Antibacklash Armature		1
	1/4" Bore	5623-111-008	
	5/16" Bore	5623-111-009	
	3/8" Bore	5623-111-010	
2	Rotor		1
	1/4" Bore	5603-751-028	
	5/16" Bore	5603-751-029	
	3/8" Bore	5603-751-030	
3	Mounting Accessory	5102-101-001	1
4	Field		1
	6 Volt	5603-451-047	
	24 Volt	5603-451-049	
	90 Volt	5603-451-051	

### 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:

SFC-170 Clutch per I-25756 - 90 Volt, Antibacklash 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-0200-WE