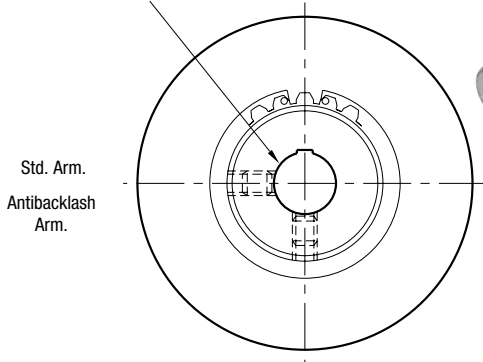


SFC Series Clutch Coupling

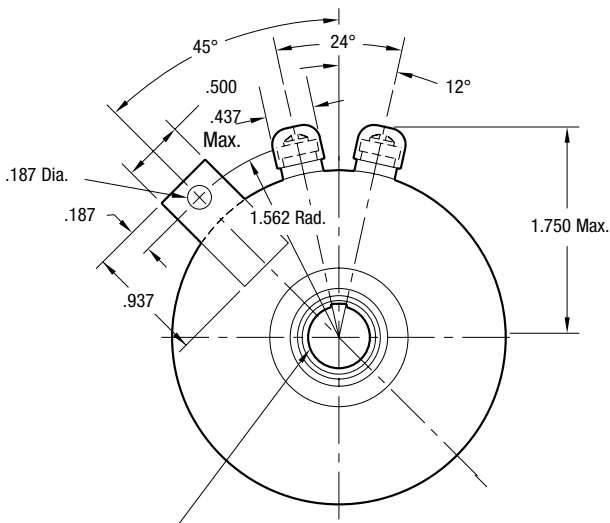
SFC-250 Bearing Mounted



For Bore & Keyway sizes see chart below.

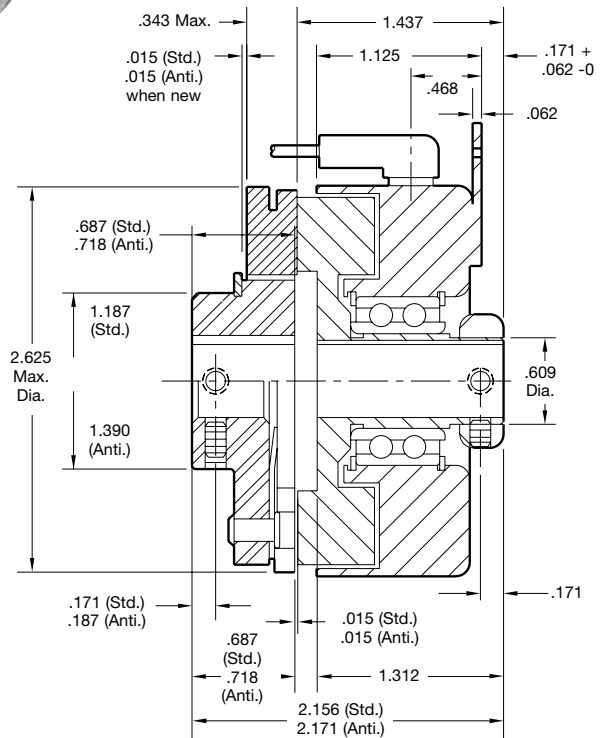


ARMATURE VIEW



For Bore & Keyway sizes see chart below.

FIELD VIEW



Bore and Keyway Dimensions

Armature Bore Dia.	Keyway	Rotor Bore Dia.	Keyway
.375/.376	.093 x .046	.376/.375	.093 x .046
*.438/.437	.125 x .062	*.438/.437	.125 x .062
.501/.500		.501/.500	
*.563/.562	.187 x .093		
.626/.625			
*.688/.687			
.751/.750			

* Available on special order only.

Customer Shall Maintain:

1. Armature shaft to be concentric with rotor shaft within .003 T.I.R.

Static Torque	70 lb. in.
Maximum Speed	7,500 rpm
Standard Voltage	D.C. 6, 24, 90

All dimensions are nominal unless otherwise noted.

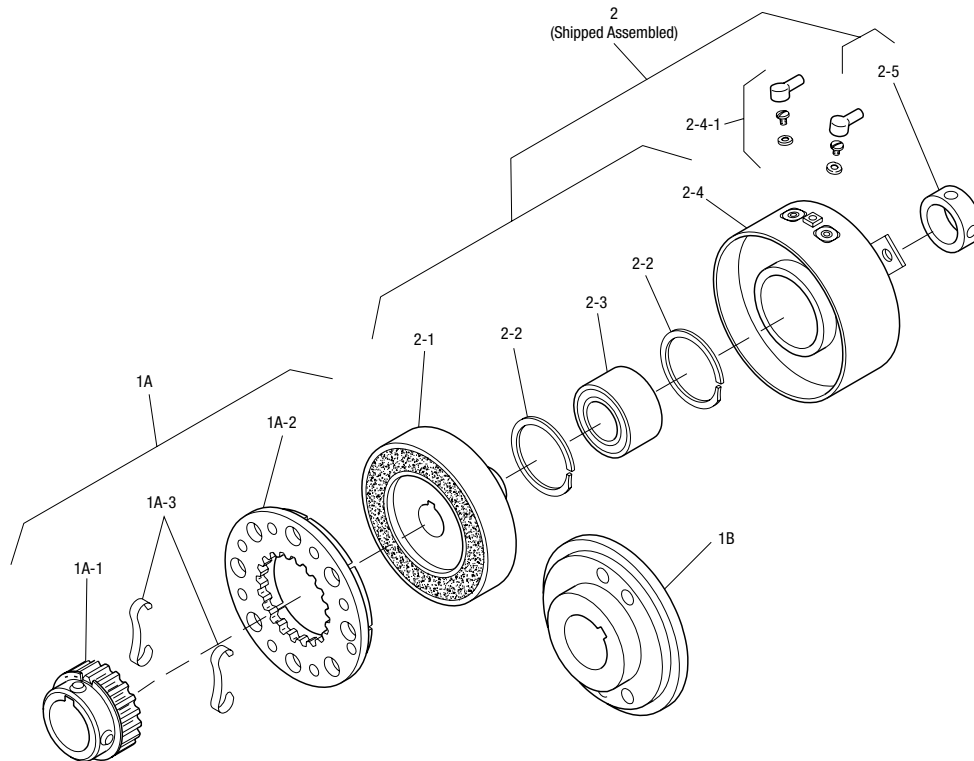
Information on inertia and weights begins on page 239. Coil data is on pages 250 and 251.



SFC Series Clutch Coupling

SFC-250 Bearing Mounted

Drawing I-25523



Item	Description	Part Number	Qty.
1A	Armature and Hub		
1A-1	Armature Hub		1
	3/8" Bore	5103-541-002	
	1/2" Bore	5103-541-004	
	5/8" Bore	5103-541-006	
	3/4" Bore	5103-541-008	
1A-2	Armature	5124-111-001	1
1A-3	Release Spring	5103-101-003	1
1B	Antibacklash Armature		1
	3/8" Bore	5365-111-003	
	1/2" Bore	5365-111-005	
	5/8" Bore	5365-111-007	
	3/4" Bore	5365-111-009	
2	Field and Rotor Assembly		1
	6 Volt - 3/8" Bore	5103-452-002	
	24 Volt - 3/8" Bore	5103-452-004	
	90 Volt - 3/8" Bore	5103-452-007	
	6 Volt - 1/2" Bore	5103-452-016	
	24 Volt - 1/2" Bore	5103-452-018	
	90 Volt - 1/2" Bore	5103-452-021	
2-1	Rotor		1
	3/8" Bore	5103-751-014	
	1/2" Bore	5103-751-016	

Item	Description	Part Number	Qty.
2-2	Retainer Ring	748-0371	2
2-3	Ball Bearing	166-0108	1
2-4	Field		1
	6 Volt	5103-451-018	
	24 Volt	5103-451-020	
	90 Volt	5103-451-023	
2-4-1	Terminal Accessory	5103-101-002	1
2-5	Set Collar*	266-0005	1

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 2.
4. See Controls Section.

Example:

SFC-250 Clutch Coupling per I-25523 - 90 Volt, Standard Armature, 1/2" Armature Hub Bore, 1/2" 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.

*Used with 1/2" Bore only.

Refer to Service Manual P-0200-WE