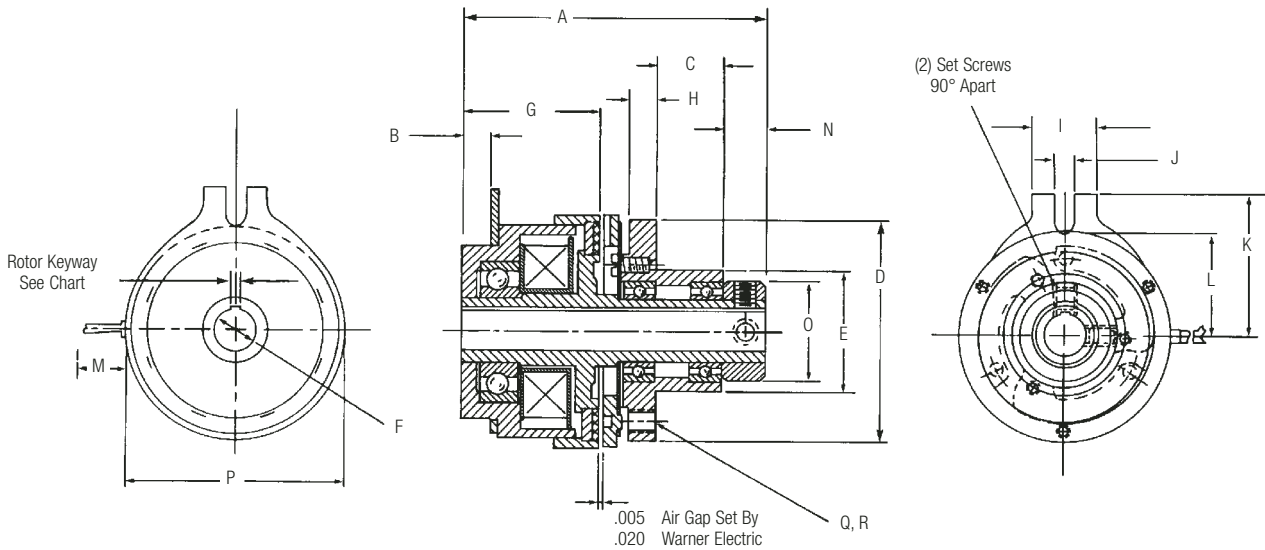


**Pre-Assembled SF Clutch For Parallel Shafts**  
**Models 110-180**



**Dimensions**

| Model No. | A Max. | B Max. | C Nom. | D Max. | E ± .001 | F Nom.   | G Nom. | H Nom. | I Max. | J Min. | K Nom. | L Nom. | M ± .500 | N Nom. | O Nom. | P Max. | Rotor Keyway |                 | Q B.C.           | R SIZE         |
|-----------|--------|--------|--------|--------|----------|--|--------|--------|--------|--------|--------|--------|----------|--------|--------|--------|--------------|-----------------|------------------|----------------|
|           |        |        |        |        |          |  |        |        |        |        |        |        |          |        |        |        | Bore         | Nominal Keyway  |                  |                |
| 110       | 1.785  | .184   | .405   | 1.380  | .7485    | $\frac{3}{16}$<br>$\frac{1}{4}$                  | .812   | .163   | .380   | .125   | .875   | .625   | 12.00    | .250   | .625   | 1.285  | N.A.         | SET SCREWS ONLY | 1.125<br>3-Holes | 6-32<br>UNC-2B |
| 180       | 2.515  | .304   | .500   | 1.755  | .9985    | $\frac{1}{4}$<br>$\frac{5}{16}$<br>$\frac{3}{8}$ | 1.290  | .193   | .505   | .184   | 1.325  | .975   | 12.00    | .315   | .875   | 1.620  | N.A.         | SET SCREWS ONLY | 1.437<br>3-Holes | 8-32<br>UNC-2B |

**Mechanical**

| Model No. | Static Torque lb. - in. | Inertia lb. - in. <sup>2</sup> |           | Wt. oz. |
|-----------|-------------------------|--------------------------------|-----------|---------|
|           |                         | Rotor                          | Arm & Hub |         |
| 110       | 6                       | .013                           | .030      | 8       |
| 180       | 15                      | .052                           | .095      | 26      |

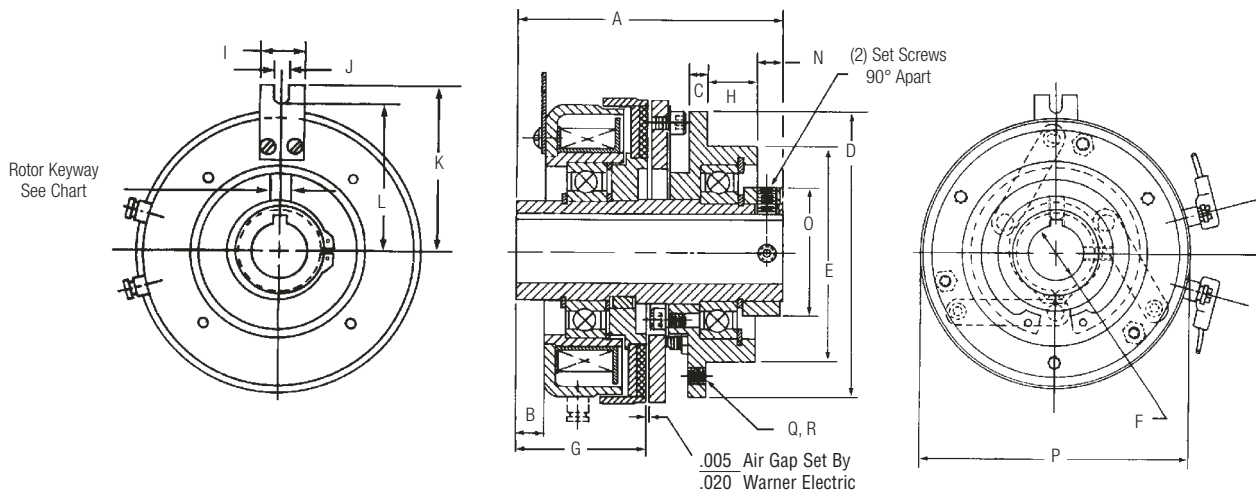
**Electrical**

| Model No. | 90 VDC |      | 24 VDC |      | 12 VDC |      |
|-----------|--------|------|--------|------|--------|------|
|           | Amps   | Ohms | Amps   | Ohms | Amps   | Ohms |
| 110       | .048   | 1848 | .188   | 120  | .447   | 26.8 |
| 180       | .066   | 1369 | .289   | 83.1 | .561   | 21.4 |

**Customer shall maintain:**

- A loose-fitting pin through the anti-rotation tab to prevent preloading the bearings.

**Pre-Assembled SF Clutch For Parallel Shafts**  
**Models 265-425**



**Dimensions**

| Model No. | A Max. | B Max. | C Nom. | D Max. | E ± .001 | F Nom.    | G Nom. | H Nom. | I Max. | J Min. | K Nom. | L Nom. | M ± .500        | N Nom. | O Nom. | P Max. | Rotor Keyway |   |   | Q B.C.           | R SIZE           |
|-----------|--------|--------|--------|--------|----------|-----------|--------|--------|--------|--------|--------|--------|-----------------|--------|--------|--------|--------------|---|---|------------------|------------------|
|           |        |        |        |        |          |           |        |        |        |        |        |        |                 |        |        |        | Bore         | Nominal Keyway X*                             | Y*  |                  |                  |
| 265       | 2.930  | .140   | .260   | 2.505  | 1.498    | 1/2 5/8   | 1.375  | .500   | .510   | .190   | 1.750  | 1.467  | SCREW TERMINALS | .420   | 1.187  | 2.645  | 1/2 5/8      | .125 - .128<br>.1885 - .1905                  | .560 - .567<br>.709 - .716                  | 1.790<br>3-Holes | 6-32<br>UNC-2B   |
| 325       | 2.961  | .140   | .395   | 2.883  | 1.498    | 1/2       | 1.360  | .500   | .442   | .170   | 2.050  | 1.740  | SCREW TERMINALS | .408   | 1.187  | 3.300  | 1/2          | .125 - .128                                   | .560 - .567                                 | 1.790<br>3-Holes | 6-32<br>UNC-2B   |
| 425       | 3.350  | .000   | .267   | 4.015  | 2.999    | 3/4 7/8 1 | 1.405  | .673   | .645   | .188   | 2.500  | 2.216  | SCREW TERMINALS | .383   | 1.810  | 4.270  | 3/4 7/8 1    | .1885 - .1905<br>.1885 - .1905<br>.251 - .253 | .836 - .844<br>.962 - .970<br>1.113 - 1.121 | 3.500<br>3-Holes | 1/4-20<br>UNC-2B |

\*3/8 and 1 inch bore in rotor only.

**Mechanical**

| Model No. | Static Torque lb. - in. | Inertia lb. - in. <sup>2</sup> |           | Wt. oz. |
|-----------|-------------------------|--------------------------------|-----------|---------|
|           |                         | Rotor                          | Arm & Hub |         |
| 265       | 80                      | .290                           | .530      | 38      |
| 325       | 125                     | .560                           | .990      | 54      |
| 425       | 250                     | 2.250                          | 4.990     | 94      |

**Electrical**

| Model No. | 90 VDC |      | 24 VDC |      | 12 VDC |       |
|-----------|--------|------|--------|------|--------|-------|
|           | Amps   | Ohms | Amps   | Ohms | Amps   | Ohms  |
| 265       | .088   | 1024 | .358   | 67.1 | .760   | 15.8  |
| 325       | .091   | 988  | .378   | 65.3 | .729   | 16.5  |
| 425       | .124   | 722  | .468   | 51.2 | .934   | 12.84 |

Lead wire is UL recognized style 1213, 1015 or 1430, 22 gage.  
 Insulation is .0509 O.D. on 110 units; .0649 or .0959 O.D. on all other units.

**Customer shall maintain:**

- A loose-fitting pin through the anti-rotation tab to prevent preloading the bearings.