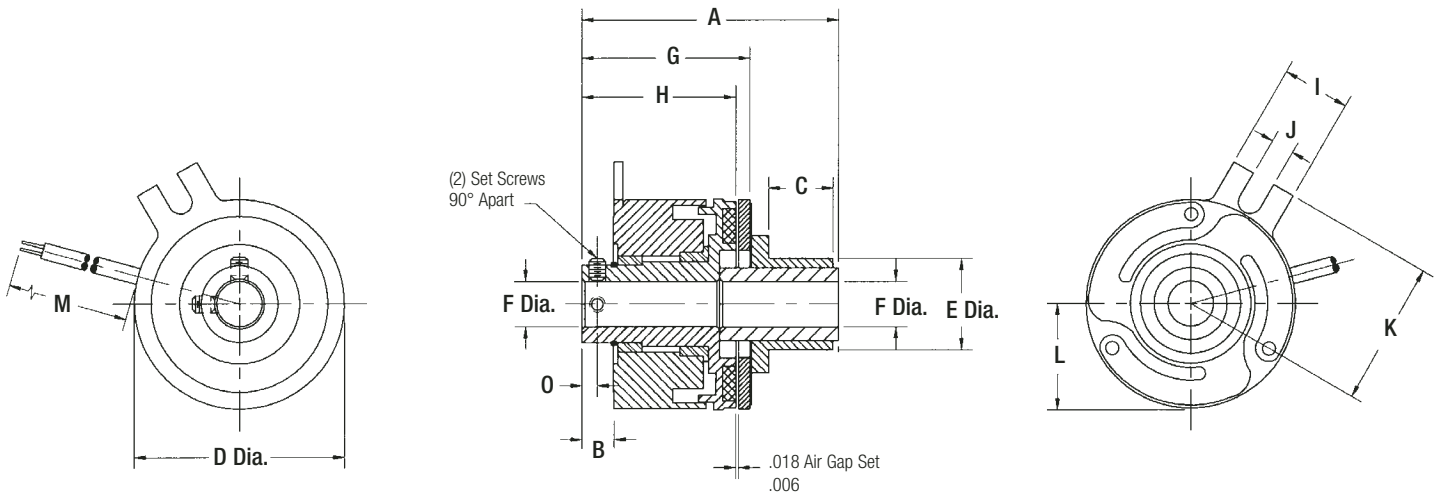




Stationary Field Clutch for Parallel Shafts

Models 090-265



Dimensions

Model No.	A Max.	B Nom.	C Max.	D Max.	E ± .002	F Nom.	G Nom.	H Nom.	I Max.	J Min.	K Nom.	L Nom.	M ± .500	O Nom.	Rotor Keyway			
															Bore	Nominal Keyway X	Y	
090	1.370	.191	.410	.903	.507 Knurl	$\frac{1}{8}$ $\frac{3}{16}$ $\frac{1}{4}$	.874	.763	.305	.094	.625	.445	12.00	.080	N.A.	SET SCREWS ONLY	
110	1.409	.147	.396	1.160	.506 Knurl	$\frac{3}{16}$ $\frac{1}{4}$ $\frac{5}{16}$	.935	.777	.380	.122	.875	.585	12.00	.087	N.A.	SET SCREWS ONLY	
150	1.695	.275	.250	1.500	.622	$\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$	1.255	1.075	.520	.180	1.120	.750	12.00	.125	N.A.	SET SCREWS ONLY		
180	1.823	.279	.250	1.780	.622	$\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$	1.316	1.060	.505	.184	1.325	.975	12.00	.125	N.A.	SET SCREWS ONLY		
200	1.948	.279	.250	2.000	.622	$\frac{5}{16}$ $\frac{3}{8}$	1.329	1.060	.505	.184	1.325	.975	12.00	.125	$\frac{5}{16}$ $\frac{3}{8}$.0625 - .0655 .094 - .097	.347 - .352 .417 - .427	SET SCREWS
225	2.160	.281	.238	2.260	.872	$\frac{3}{8}$ $\frac{1}{2}$	1.578	1.423	.442	.170	1.515	1.160	18.00	.117	$\frac{3}{8}$ $\frac{1}{2}$.094 - .097 .125 - .128	.417 - .427 .560 - .567	
265	2.454	.280	.472	2.645	.998	$\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$	1.740	1.437	.510	.190	1.750	1.465	18.00	.154	$\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$.094 - .097 .125 - .128 .1885 - .1905	.417 - .427 .560 - .567 .709 - .716	

NOTES:

1. Extended armature hubs Models 150, 180 and 200 (3) #4-40 tapped holes on a .812 BC
2. Extended armature hub Model 225 (3) #6-32 tapped holes on a 1.187 BC
3. Extended armature hub Model 265 (3) #8-32 tapped holes on a 1.375 BC

Mechanical

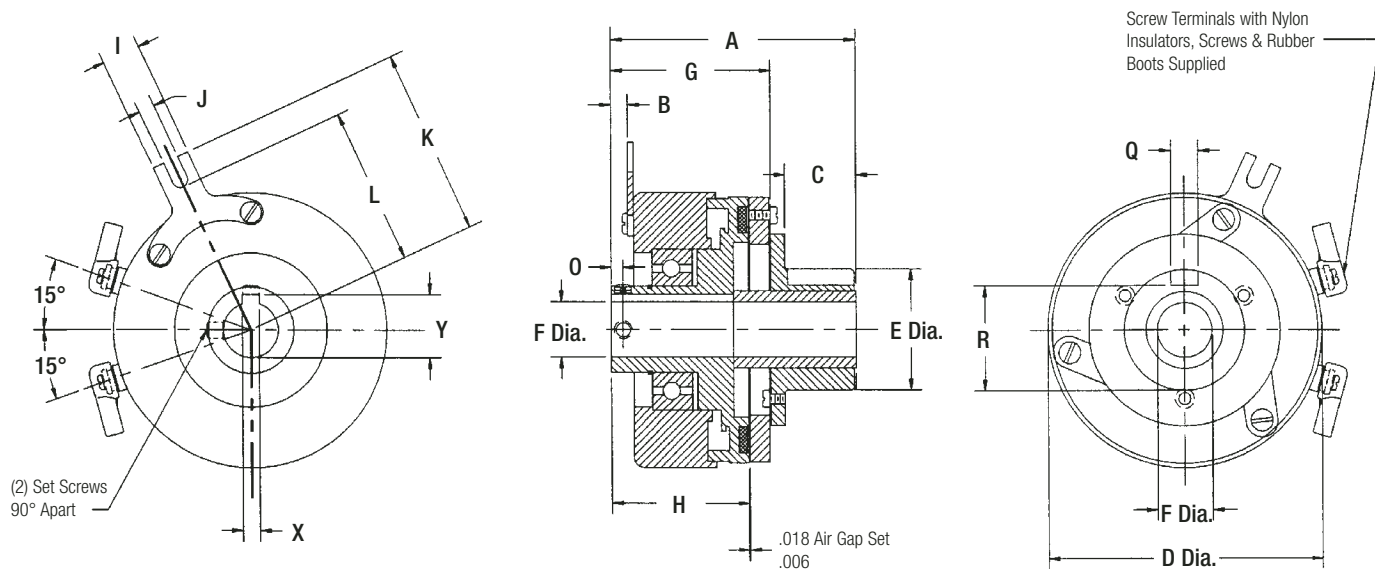
Model No.	Static Torque lb. - in.	Inertia lb. - in. ²		Wt. oz.
		Rotor	Arm & Hub	
090	2.5	.002	.0015	2.0
110	6	.0058	.0029	3.2
150	10	.060	.0031	3.8
180	15	.061	.036	11
200	25	.082	.047	12
225	50	.215	.079	20
265	80	.362	.292	28

Electrical

Model No.	90 VDC		24 VDC		12 VDC	
	Amps	Ohms	Amps	Ohms	Amps	Ohms
090	.046	1977	.117	205	.246	48.8
110	.047	1930	.198	121	.447	26.8
150	.042	2150	.183	132	.380	31.6
180	.066	1369	.289	83	.561	21.4
200	.074	1213	.294	81.6	.574	20.9
225	.079	1140	.322	74.6	.628	19.1
265	.092	980	.374	64.2	.760	15.8

Lead wire is UL recognized style 1213, 1015 or 1430, 22 gage.
Insulation is .0509 O.D. on 090, 110, 150 units; .0649 or .0959 O.D. on all other units.

Stationary Field Clutch for Parallel Shafts Models 325-425



Dimensions

Model No.	A Max.	B Nom.	C Max.	D Max.	E ± .002	F Nom.	G Nom.	H Nom.	I Max.	J Min.	K Nom.	L Nom.	M ± .500	O Nom.	Rotor Keyway		
															Bore	Nominal Keyway X Y	
325	2.800	.250	.830	3.268	1.374	1/8	1.815	1.390	.442	.170	2.050	1.695	Screw Terminals	.135	1/2	.125 - .128	.560 - .567
						5/8									.1885 - .1905	.709 - .716	
						3/4									.1885 - .1905	.836 - .844	
425*	3.820	.320	1.560	4.270	1.374	1/2	2.050	1.625	.645	.190	2.500	2.312	Screw Terminals	.187	1/2	.125 - .128	.560 - .567
						5/8									.1885 - .1905	.709 - .716	
						3/4									.1885 - .1905	.836 - .844	
						7/8*									.1885 - .1905	.962 - .970	
						1*									.251 - .253	1.113 - 1.121	

*7/8 and 1 inch bore in rotor only.

Mechanical

Model No.	Static Torque lb. - in.	Inertia lb. - in. ²		Wt. oz.
		Rotor	Arm & Hub	
325	125	.610	.561	50
425	250	2.50	2.30	85

Electrical

Model No.	90 VDC		24 VDC		12 VDC	
	Amps	Ohms	Amps	Ohms	Amps	Ohms
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 090, 110, 150 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.