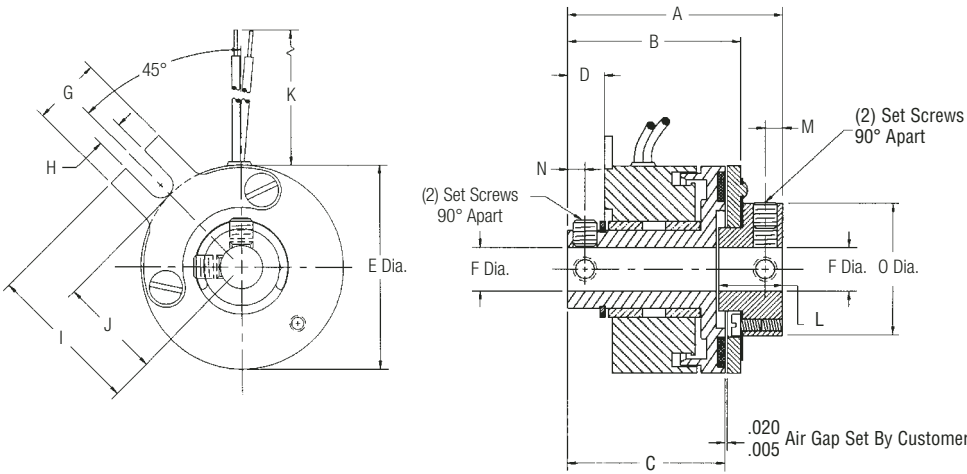


Stationary Field Clutch Coupling For In-Line Shafts
Models 090-265



Dimensions

Model No.	A Max.	B Nom.	C Nom.	D Nom.	E Max.	F Nom.	G Max.	H Min.	I Nom.	J Nom.	K ± .500	Rotor Keyway		L Max.	M Nom.	N Nom.	O Max.	
												Bore	Nominal Keyway					
090	1.059	.875	.763	.191	.903	1/8 3/16 1/4	.305	.094	.625	.445	12.00	N.A.	SET SCREWS ONLY	.237	.070	.080	.500	
110	1.168	.933	.777	.147	1.160	3/16 1/4 5/16	.380	.122	.875	.585	12.00	N.A.	SET SCREWS ONLY	.307	.093	.087	.687	
150	1.575	1.255	1.075	.275	1.500	1/4 5/16 3/8	.520	.180	1.120	.750	12.00	N.A.	SET SCREWS ONLY	.475	.125	.125	.965	
180	1.605	1.311	1.060	.270	1.780	1/4 5/16 3/8	.505	.184	1.325	.975	12.00	1/4 5/16 3/8	.0625 - .0655 .0625 - .0655 .094 - .097	.285 - .290 .347 - .352 .417 - .427	.460	.115	.125	1.190
200	1.609	1.314	1.060	.270	2.000	5/16 3/8 1/2	.505	.184	1.325	.975	12.00	5/16 3/8 1/2	.0625 - .0655 .094 - .097 .125 - .128	.347 - .352 .417 - .427 .560 - .567	.455	.115	.125	1.190
225	1.989	1.578	1.423	.281	2.260	3/8 1/2	.442	.170	1.515	1.160	18.00	3/8 1/2	.094 - .097 .125 - .128	.417 - .427 .560 - .567	.510	.115	.117	1.005
265	2.115	1.754	1.444	.277	2.645	3/8 1/2 5/8	.510	.190	1.750	1.465	18.00	3/8 1/2 5/8	.094 - .097 .125 - .128 .1885 - .1905	.417 - .427 .560 - .567 .709 - .716	.610	.150	.187	1.440

Mechanical

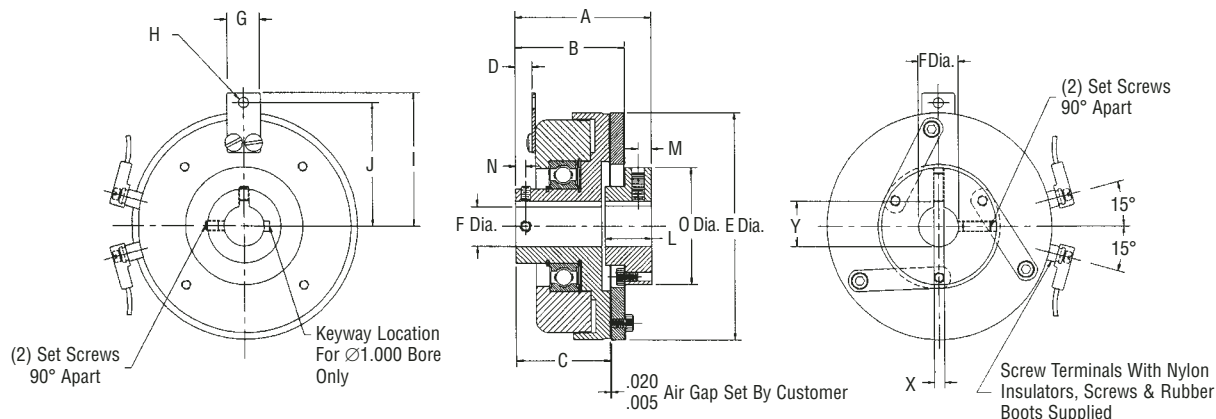
Model No.	Static Torque lb. - in.	Inertia lb. - in. ²		Wt. oz.
		Rotor	Arm & Hub	
090	2.5	.002	.0011	2
110	6	.0058	.0024	3.2
150	10	.060	.026	3.8
180	15	.061	.031	11
200	25	.082	.042	12
225	50	.215	.070	20
265	80	.362	.320	28

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	.322	74.4	.574	20.9
225	.079	1140	.322	74.6	.628	19.1
265	.092	980	.374	64.2	.760	15.8

Stationary Field Clutch Coupling For In-Line Shafts

Models 325-425



Dimensions

Model No.	A Max.	B Nom.	C Nom.	D Nom.	E Max.	F Nom.	G Max.	H Min.	I Nom.	J Nom.	K ± .500	Rotor Keyway			L Max.	M Nom.	N Nom.	O Max.
												Bore	Nominal Keyway					
													X	Y				
325	2.151	1.815	1.403	.265	3.268	1/2	.442	.170	2.050	1.695	SCREW TERMINALS	1/2	.125 - .128	.560 - .567	.680	.150	.135	1.825
												5/8	.1885 - .1905	.709 - .716				
												3/4	.1885 - .1905	.836 - .844				
425	2.570	2.050	1.625	.320	4.270	1/2	.645	.190	2.500	2.312	SCREW TERMINALS	1/2	.125 - .128	.560 - .567	.890	.250	.187	2.195
						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					

Mechanical

Model No.	Static Torque lb. - in.	Inertia lb. - in. ²		Wt. oz.
		Rotor	Arm & Hub	
325	125	.610	.561	45
425	250	2.50	2.30	80

Electrical

Model No.	90 VDC		24 VDC		12 VDC	
	Amps	Ohms	Amps	Ohms	Amps	Ohms
325	.091	988	.378	65.3	.729	16.4
425	.124	722	.468	51.2	.934	12.84

Lead wire is UL recognized style 1213, 1015 or 1430, 22 gage.
 Insulation is .050" O.D. on 110 units; .064" or .095" O.D. on all other units.

Customer shall maintain:

- A loose-fitting pin through the anti-rotation tab to prevent preloading the bearings.
- Centricity between the shafts within .005 T.I.R.
- Initial airgap setting of .005 - .020 inches.