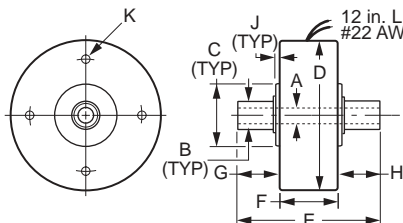




■ ZERO BACKLASH

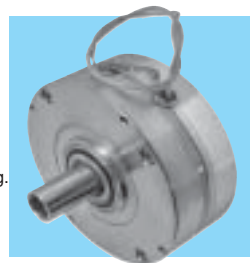
■ LOW INERTIA

■ NO FRICTION SURFACE



The shaft becomes coupled to the housing with electrical excitation. The torque is proportional to the D.C. input current.

Typical applications are: tensioning, controlled stops, positioning, locking and motor testing. Voltages other than 24 Volts D.C. available on special order.



● 24 VOLTS D.C.

Catalog Number	A +.001 -.000	B ±.0002	C +.000 -.001	D ±.015	E ±.01	F ±.03	G ±.02	H ±.02	J ±.01	K
◇S90MPA-B11D12S	Solid	.1247	.437	1.05	2.50	.88	.81	.81	.06	* 6 ea. #1-72 on .906 BC
◇S90MPA-B15D19S		.1872	.687	1.56	2.70	1.06	.81	.81	.06	* 3 ea. #6-32 on 1.350 BC
S90MPA-B21D25S		.2496	.750	2.09	3.05	1.15	.94	.94	.06	3 ea. #6-32 on 1.350 BC
S90MPA-B25D37S		.3746	1.186	2.47	3.56	1.37	1.09	1.09	.08	3 ea. #6-32 on 2.203 BC
S90MPA-B28D37S	Solid .375	.3746 .498	1.125	2.87	3.56 2.10	1.37	1.09 .47	1.09 .27	.08	3 ea. #8-32 on 2.000 BC
S90MPA-B28D37H38	Solid .375	.4995 .498	1.125	3.37	3.72 2.20	1.47	1.12 .47	1.12 .25	.09	4 ea. #10-32 on 3.000 BC
S90MPA-B34D50S		Solid .501	.7495 .748	1.875	4.50	3.53 2.63	1.77	1.42 .52	.33	.11
**S90MPA-B45D75S	Solid .501		.7495 .748	1.875	4.71	3.53 2.63	1.77	1.41 .52	.33	.11
S90MPA-B47D75S		Solid .750	.7495 .906	^A 1.625 3.187	5.23	3.92 3.25	2.17	1.53 .82	.22 .26	.13 .09
S90MPA-B52D75H75										

*One side only ^A 3.187 on H side **3/16 keyway & flat, 90° oriented in respect to the keyway on the end of the shaft.

◇Supplied with housing solder terminals with leads attached.

SPECIFICATIONS

Catalog Number	Torque Range lb. in.	Elect. Power watts	Shaft Inertia lb. in. sec. ²	Max. Speed rpm	Mech. Heat Dissipation watts	Max. Overhung Load lb.	Unforced Response msec.	Weight lb.
S90MPA-B11D12S	.006 - .3	1.5	16 x 10 ⁻⁸	3500	2	.7	6	.2
S90MPA-B15D19S	.04 - 1	2	11 x 10 ⁻⁷	3000	3.5	4	8	.6
S90MPA-B21D25S	.08 - 2.5	3	55 x 10 ⁻⁷	2500	8	5	9	1
S90MPA-B25D37S	.3 - 6	4.5	23 x 10 ⁻⁶	2000	15	25	20	1.5
S90MPA-B28D37S	.3 - 15	6	34 x 10 ⁻⁶	2000	20	25	25	2.5
S90MPA-B28D37H38								
S90MPA-B34D50S	.6 - 35	9	12 x 10 ⁻⁵	1800	30	50	35	4
S90MPA-B34D50H38								
S90MPA-B45D75S	1 - 60	8	45 x 10 ⁻⁵	1800	50	100	85	7
S90MPA-B45D75H50								
S90MPA-B47D75S	2.5 - 115	13	61 x 10 ⁻⁵	1800	55	120	90	8
S90MPA-B47D75H50								
S90MPA-B52D75S	3 - 150	13	15 x 10 ⁻⁴	1300	80	120	130	12
S90MPA-B52D75H75								

NOTE: All models are available with the shaft on one end, on special order.