

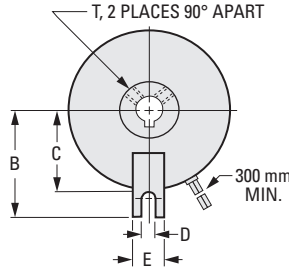
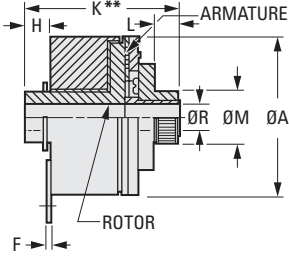
ZERO-BACKLASH ARMATURE  
FOR PARALLEL LOADS

PHONE: 516.328.3300 • FAX: 516.326.8827 • WWW.SDP-SI.COM

**> COIL DATA:**

Voltage: 24V DC

Other voltages and dissimilar bore combinations are available as special order.



The projections shown are per ISO convention.

Keyway Dimensions				
Bore	6	8	10	16
Width	2	3	3	5
Height	7	9.4	11.4	18.3

**METRIC COMPONENT**

Catalog Number	Static* Torque N • m	Max. Wattle	Armature Inertia kgf • m • sec <sup>2</sup>	Rotor Inertia kgf • m • sec <sup>2</sup>	Energy Dissipation N • m/min	Armature		R Bore
						Engagement msec	Disengagement msec	
Δ S90CS9M11A0606	0.565	5	0.40 x 10 <sup>-6</sup>	0.30 x 10 <sup>-6</sup>	237.3	5	18	6
Δ S90CS9M11A0808	0.565	5	0.40 x 10 <sup>-6</sup>	0.30 x 10 <sup>-6</sup>	237.3	5	18	8
S90CS9M15A0808	1.13	5	0.68 x 10 <sup>-6</sup>	0.60 x 10 <sup>-6</sup>	400	8	22	8
S90CS9M17A0606	1.695	6	0.84 x 10 <sup>-6</sup>	0.13 x 10 <sup>-5</sup>	569.5	10	27	6
S90CS9M17A0808	1.695	6	0.84 x 10 <sup>-6</sup>	0.13 x 10 <sup>-5</sup>	569.5	10	27	8
S90CS9M22A0808	4.519	8.5	0.38 x 10 <sup>-5</sup>	0.37 x 10 <sup>-5</sup>	1898.4	12	32	8
S90CS9M22A1010	4.519	8.5	0.38 x 10 <sup>-5</sup>	0.37 x 10 <sup>-5</sup>	1898.4	12	32	10
§ S90CS9M26A1010	9.039	9.5	0.92 x 10 <sup>-5</sup>	0.71 x 10 <sup>-5</sup>	3525.6	15	35	10
§ S90CS9M30A1616	14.123	12	2.07 x 10 <sup>-5</sup>	2.34 x 10 <sup>-5</sup>	3932.4	18	45	16
◇§ S90CS9M30A2020	14.123	15	2.07 x 10 <sup>-5</sup>	2.34 x 10 <sup>-5</sup>	3932.4	18	45	20ΔΔ

Catalog Number (Ref.)	A	B	C	D	E	F	H	Length**		L	M	T Set Screws	Weight kg
								K	Air Gap				
Δ S90CS9M11A0606	31.8	22.1	14.2	3.2	9.6	0.8	5.5	35	0.1/0.22	8.4	12.88	M3	0.1
Δ S90CS9M11A0808	31.8	22.1	14.2	3.2	9.6	0.8	5.5	35	0.1/0.22	8.4	12.88	M3	0.1
S90CS9M15A0808	38.9	27.9	19.1	4.8	12.7	1.5	9.7	46.5	0.1/0.22	8.4	16.03	M3	0.2
S90CS9M17A0606	45.3	33.5	23.1	4.8	12.7	1.5	7.5	46.9	0.1/0.22	8.4	16.03	M4	0.3
S90CS9M17A0808	45.3	33.5	23.1	4.8	12.7	1.5	7.5	46.9	0.1/0.22	8.4	16.03	M4	0.3
S90CS9M22A0808	57.4	38.5	29.5	4.8	11.2	1.5	9.1	55.9	0.15/0.33	9.4	19.2	M4	0.5
S90CS9M22A1010	57.4	38.5	29.5	4.8	11.2	1.5	9.1	55.9	0.15/0.33	9.4	19.2	M4	0.5
§ S90CS9M26A1010	66.7	44.5	34	4.8	12.7	1.5	8.7	62.6	0.15/0.33	11.9	25.37	M5	0.6
§ S90CS9M30A1616	83	52	42.9	4.8	12.7	2.3	9.1	71.4	0.2/0.45	–	–	M5	1.5
◇§ S90CS9M30A2020	83	51	40.6	4.8	12.7	2.3	10	71.4	0.2/0.45	–	–	M5	1.5

\* Typical torque after burnishing; units shipped burnished.  
 \*\* Length equals K including initial working air gap at installation.  
 Δ Keyway not available in rotor.  
 ΔΔ For 20 mm Bore, tolerance = E9 : + 0.092/+0.040.  
 § No knurl available; S90CS9M26A supplied with (3) M5 holes on a 34.925 B.C.  
 S90CS9M30A supplied with (3) M5 holes on a 44.45 B.C.  
 ◇ To be discontinued when present stock is depleted.