

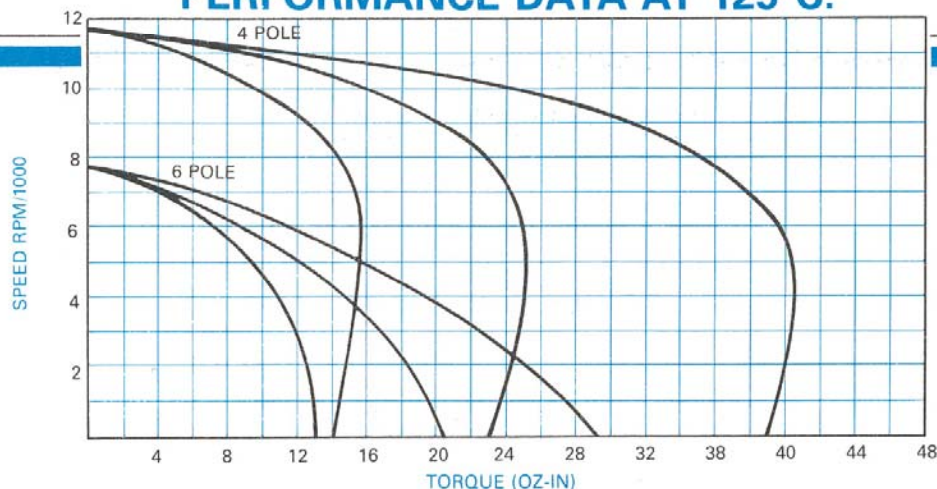
FEATURES

- Life – 5000 Hrs.
- Operating temp. range –65°C to +225°C
- Mil S – 22432 Qualified
- Low inertia
- Power output – 206 Watts.
- Torque capacity – 39 In-Oz.



TYPE
F

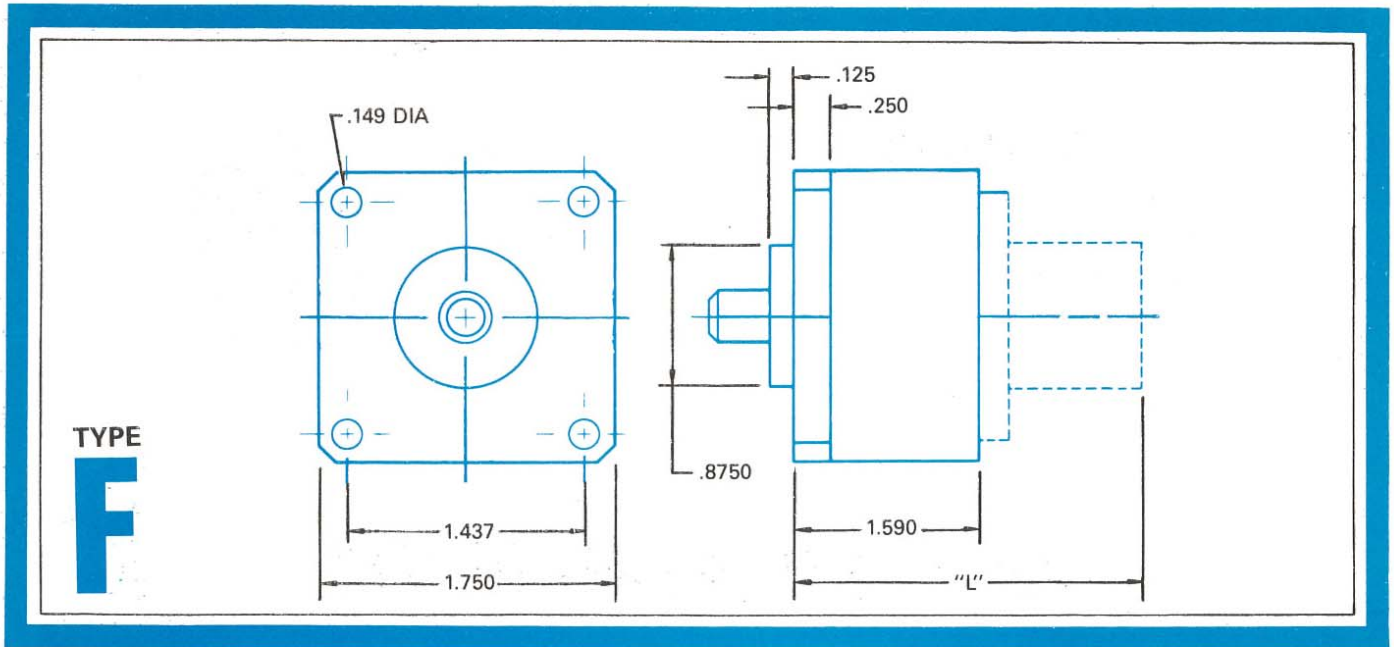
PERFORMANCE DATA AT 125°C.



MOTOR TYPE	TWO PHASE DATA AT +125°C UNIT TEMPERATURE 400 Hz												
	POWER OUT	TORQUE	POWER INPUT (WATTS)		POWER FACTOR		TOTAL POWER LOSS	TORQUE (OZ-IN)		POWER INPUT (WATTS)		TOTAL POWER INPUT	
	(WATTS)	(OZ-IN)	Ø1	Ø2	Ø1	Ø2	(WATTS)	125°	25°	Ø1	Ø2	Ø1	Ø2

4 POLE	DATA AT (9000 RPM)						DATA AT STALL				NO LOAD SPEED			
120-120	86.5	13.0	74.3	77.3	.65	.66	65.1	14.0	12.0	120	120	.65	.62	23.2
120-300	139.7	21.0	66.2	222.7	.63	.72	149.2	23.2	21.2	120	300	.65	.76	75.5
300-300	206.4	31.0	180.5	167.0	.66	.60	141.1	39.0	35.0	300	300	.79	.76	92.2

6 POLE	DATA AT (6000 RPM)						DATA AT STALL				NO LOAD SPEED			
60-60	25.2	5.7	26.8	28.9	.36	.38	30.5	13.0	13.2	60	60	.61	.58	23.7
60-150	37.7	8.5	32.7	124.6	.34	.54	119.6	20.5	22.5	60	150	.61	.67	153.1
150-150	46.6	10.5	143.9	152.5	.43	.45	249.8	29.5	35.0	150	150	.68	.67	313.1



MECHANICAL DATA

TYPE	DESCRIPTION	LENGTH "L" (IN)	TOTAL WEIGHT (OZ)	INERTIA
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MOTOR

F400	Motor Only	1.590	11.5	2.8×10^{-4}
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MOTOR BRAKES

SIZE 11	Motor-11 Brake	2.387	18.5	3.0×10^{-4}
SIZE 15	Motor-15 Brake	2.765	24.0	4.0×10^{-4}

MOTOR TACHOMETERS

8S400	Motor-8 Short Tach	2.163	17.8	2.9×10^{-4}
8L400	Motor-8 Tach	2.403	18.5	2.9×10^{-4}
8N400	Motor-8 Network Tach	2.763	18.7	3.0×10^{-4}
11D400	Motor-11 Design Tach	2.846	21.0	3.5×10^{-4}
11N400	Motor-11 Network Tach	3.244	21.5	3.5×10^{-4}

MOTOR TACHOMETERS/BRAKES

8S400	Motor-8 Short Tach-11 Brake	3.045	19.3	3.0×10^{-4}
	Motor-8 Short Tach-15 Brake	3.423	24.8	4.0×10^{-4}
8L400	Motor-8 Tach-11 Brake	3.285	20.0	3.0×10^{-4}
	Motor-8 Tach-15 Brake	3.663	25.5	4.0×10^{-4}
11D400	Motor-11 Design Tach-11 Brake	3.728	22.5	3.7×10^{-4}
	Motor-11 Design Tach-15 Brake	4.106	28.0	4.7×10^{-4}