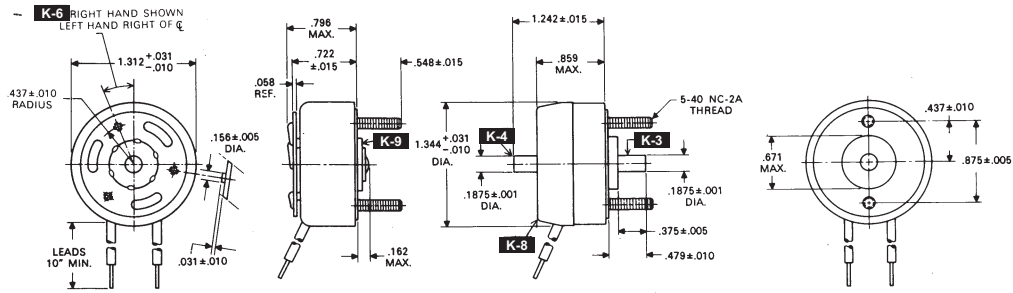


WEIGHT: 3-1/2 OZ.

Features



K-3 Base end shaft extension

K-4 Armature end shaft extension

K-6 Tapped holes in armature plate 3-48 thread 3 holes equally spaced located 1/2 stroke from center line in de-energized position.

K-8 Armature dust cover

K-9 Return spring standard setting 2 inch oz. \pm 20% de-energized position.

Type 3E

All Values Shown are Based on a 20° C. Ambient Temperature

Duty Cycle % = $\frac{\text{On Time}}{\text{On Time} + \text{Off Time}}$		100%	50%	25%	10%	5%	
On Time/Pulse (Seconds Maximum At Above Duty Cycle.) Can be about 10% longer if solenoid is used infrequently and allowed to cool to ambient after each pulse.		∞	104	38	8.5	3	
Watts (Approximate) Solenoid mounted on the equivalent of a 1/8" thick aluminum plate having a surface area 10 times that of the solenoid.		9	19	40	92	190	
Ampere Turns (Approximate)		550	770	1085	1705	2410	
Starting Torque (Gross Lb. In.) Axial Stroke, Nominal .031"	Strokes						
	25°	.38	.78	1.44	2.72	3.21	
	35°	.27	.57	1.00	2.01	2.31	
	45°	.17	.42	.84	1.46	1.82	
	67½°	.10	.23	.43	.70	.89	
	Others Available. Contact Factory.						
Awg	Resistance	Turns	Voltage DC				
23	.70	145	3.0	4.0	5.5	8.5	12.0
24	1.18	192	3.5	5.0	7.0	10.5	15.0
25	1.97	252	4.5	6.0	8.5	13.5	19.0
26	3.26	328	5.5	8.0	11.0	17.0	24.0
27	5.04	405	7.0	9.5	13.5	21.5	30.0
28	8.02 \pm 5%	510	8.5	12.0	17.0	27.0	38.0
29	12.21	627	11.0	15.0	21.0	33.0	47.0
30	19.20	780	13.5	19.0	26.5	42.0	60.0
31	31.84	1008	17.5	24.5	34.5	54.0	76.5
32	46.97	1215	21.5	30.0	42.0	66.0	93.5
33	75.30	1530	27.0	38.0	53.5	84.0	119.0
34	120.00	1900	34.5	48.5	68.5	108.0	152.0
35	198.00	2486	44.0	61.0	86.5	136.0	192.0
36	280.00	2700	57.0	80.0	112.0	177.0	250.0
37	426.00 \pm 10%	3350	70.0	97.5	137.0	216.0	306.0
38	648.00	4050	87.0	123.0	173.0	272.0	386.0
39	1020.00	5050	110.0	155.0	218.0	344.0	487.0
40	1667.00	6590	138.0	193.0	273.0	430.0	608.0

Dielectric Strength: 1,000 VRMS min.