



GEEPLUS

Rotary Solenoid size 491

Device drawn in de-energised condition

Life Expectancy (cycles): >2M (-R),
>10M (-RE), >50M (-RL)

Available mechanical options:

A: shaft extension (armature side)

B: shaft extension (base side)

D: dust cover over the armature

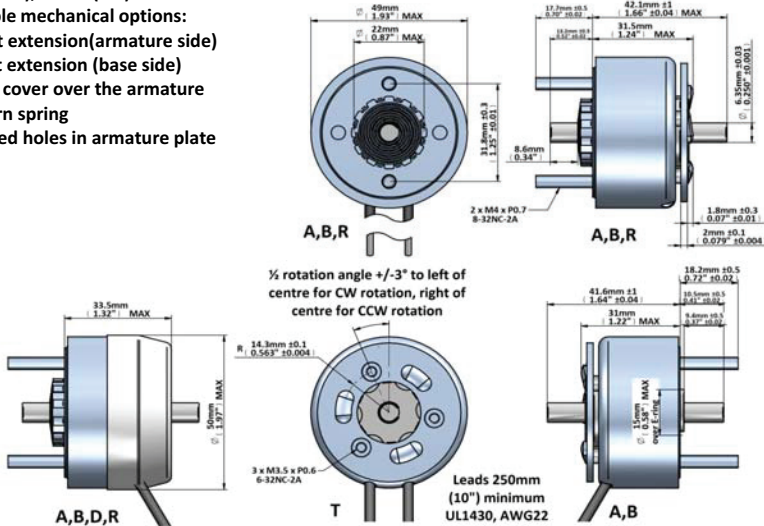
R: return spring

T: tapped holes in armature plate

Available angle options:

25°, 35°, 45°, 67,5°, 95° (CW/CCW)

Mass 330 grammes



Data at 20°C, device connected to heatsink 190x190x3mm aluminum return spring 26 ~ 35 mNm

duty cycle = $\frac{\text{"on" time}}{\text{"on" time} + \text{"off" time}} \times 100\%$		100% cont.	75% or less	50% or less	25% or less	10% or less	
Max. "on" time in seconds		∞	110	100	36	10	
watts at 20°C		21	28	42	84	210	
ampere-turns at 20°		1015	1172	1440	2030	3210	
Gross starting torque at 20°C (Nm)		25°	0.32	0.44	0.66	1.04	1.54
		35°	0.16	0.22	0.35	0.61	0.96
		45°	0.13	0.18	0.28	0.52	0.79
		67,5°	0.09	0.12	0.17	0.31	0.52
		95°	0.04	0.05	0.08	0.12	0.24
AWG no.	resistance Ω±10% (at 20°C)	number of turns	volts DC				
	21		228	4.5	5.2	6.4	8.9
22	1.68	301	5.7	6.6	8.1	11.4	17.9
23	2.70	384	7.2	8.3	10.1	14.3	23
24	4.30	486	9.0	10.4	12.7	18	28
25	6.66	590	11.5	13.2	16.2	23	36
26	10.3	737	14.0	16.1	20	28	44
27	15.7	900	17.7	20.4	25	35	56
28	26.6	1190	23	27	32	45	72
29	38.0	1380	28	32	40	56	89
30	62.1	1768	36	41	51	71	113
31	96.1	2166	45	52	64	90	143
32	157	2816	57	66	80	113	179
33	241	3432	71	82	101	143	226
34	364	4108	90	104	128	180	285
35	566	4920	117	136	166	234	370
36	910	6340	146	168	207	292	462
37	1224	6800	183	211	260	366	-

Insulation Resistance >100MΩ, 500VDC Megger
Class E (120°C) insulation class

Dielectric Strength 1000VAC, 50/60Hz, 1 minute

Geeplus reserves the right to change specifications without notice

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