



**GEEPLUS**

# Tubular Solenoid size 380

Device drawn in energised condition

Available plunger options:

pull (-Lx)

Life Expectancy (cycles):

>2M (-L),

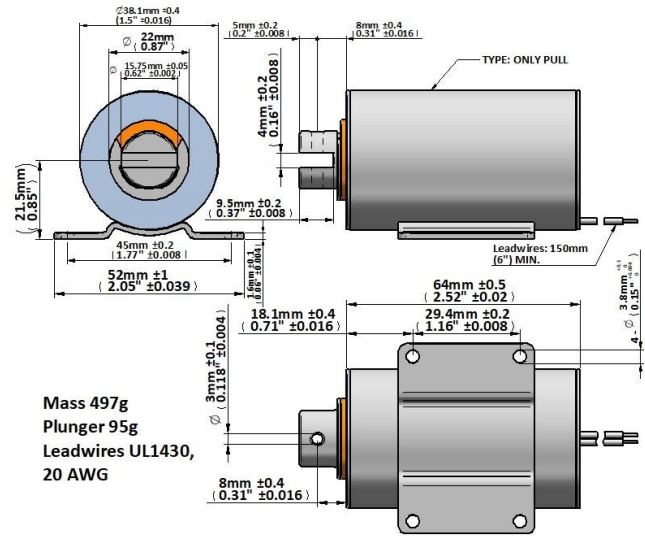
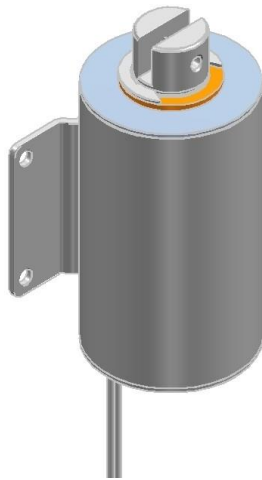
>5M (-LE),

>10M (-LL)

Available mechanical options:

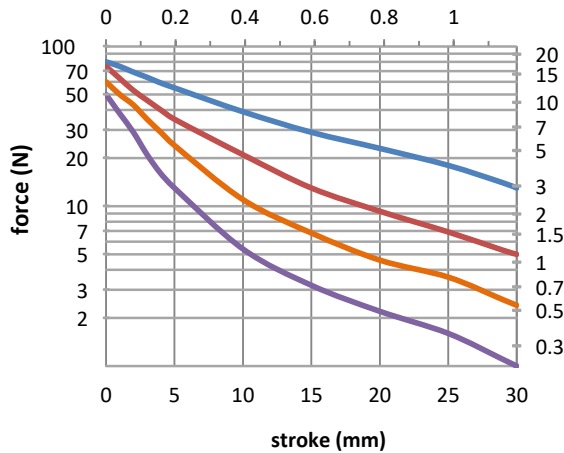
M: metric thread

F: SAE thread



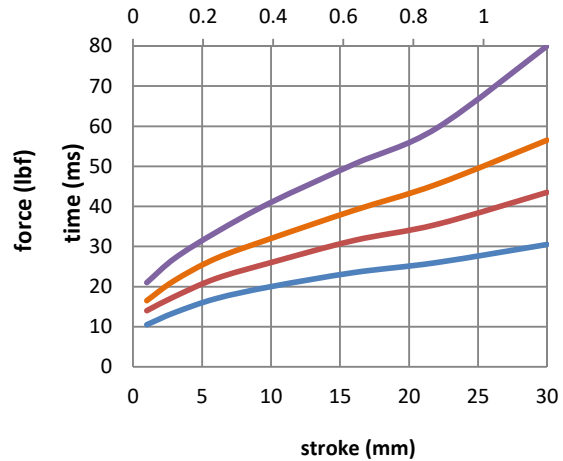
Mass 497g  
Plunger 95g  
Leadwires UL1430,  
20 AWG

**force / stroke 380**  
stroke (inch)



— 170W (10%ED) — 68W (25%ED) — 34W (50%ED) — 17W (100%ED)

**response time**  
stroke (inch)



Data at 20°C, device connected to heatsink 150x150x3mm aluminum

duty cycle = $\frac{\text{"on" time}}{\text{"on" time} + \text{"off" time}} \times 100\%$		100% cont.	50% or less	25% or less	10% or less	
Max. "on" time in seconds		∞	420	100	25	
watts at 20°C		17	34	68	170	
ampere-turns at 20°		1800	2546	3600	5692	
AWG no.	resistance	number of turns	volts DC			
	$\Omega \pm 10\%$ (at 20°C)					
19	0.93	432	3.9	5.5	7.8	12.4
20	1.34	488	4.9	6.9	9.8	15.5
21	2.34	680	6.2	8.7	12.3	19.5
22	3.35	770	7.8	11.1	15.7	25
23	5.6	1030	9.8	13.9	19.7	31
24	9.30	1344	12.4	17.6	25	39
25	14.9	1712	15.7	22	31	50
26	24.0	2180	19.9	28	40	63
27	36.9	2680	25	35	50	79
28	58.4	3322	32	45	63	100
29	87.5	4008	39	56	79	124
30	148	5292	50	71	101	159
31	224	6360	63	90	127	200
32	344	7956	78	110	155	246
33	554	10070	100	141	199	315
34	871	12400	127	179	253	401
35	1360	15300	160	227	320	507
36	2140	19200	201	284	402	636

Insulation Resistance >100MΩ, 500VDC Megger

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

Class E (120°C) insulation class

Geeplus reserves the right to change specifications without notice

[www.geeplus.com](http://www.geeplus.com)