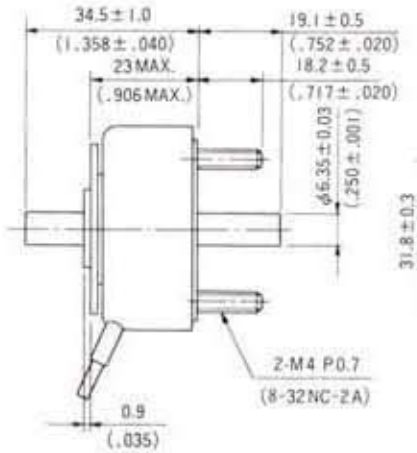
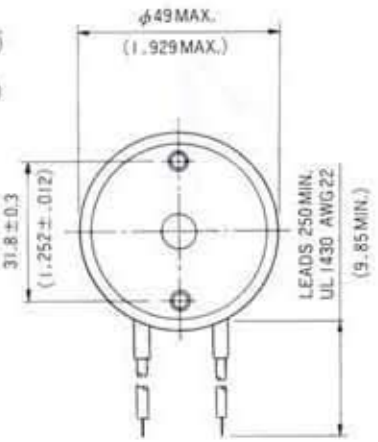
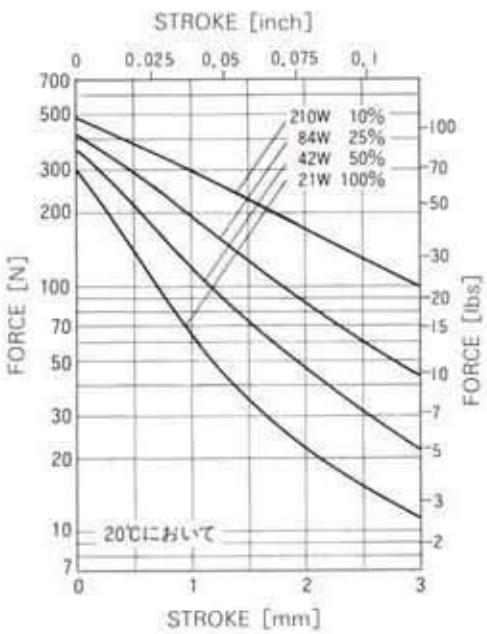
SIZE490F PUSH PULL SOLENOID

UNIT : mm (inch)
SHOWN ENERGIZED

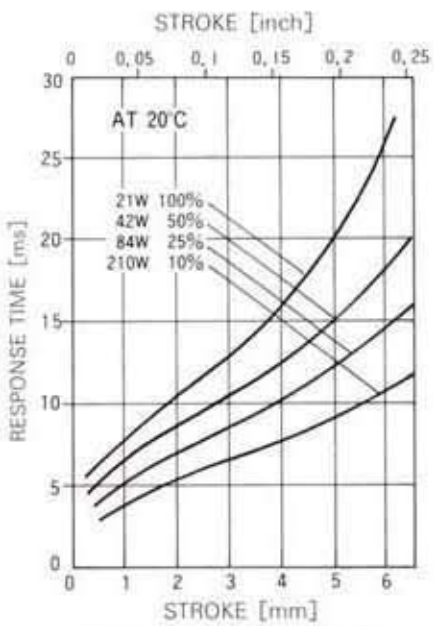




WEIGHT : 250g
PLUNGER (F) : 56g



STROKE - FORCE



STROKE - RESPONSE TIME

COIL DATA

Heat sink : 190×190×3mm aluminum

duty cycle = "on" time / ("on" time + "off" time) ×100%			100% continuous	50% or less	25% or less	10% or less
MAX. "on" time in seconds			∞	100	36	10
watts at 20°C			21	42	84	210
ampere-turns at 20°C			842	1190	1685	2660
AWG no.	resistance Ω±10% (at 20°C)	no. turns	volts DC			
24	3.2	360	7.6	11	15	24
25	4.91	440	9.5	13	19	30
26	7.72	550	12	17	24	38
27	11.1	636	15	21	30	48
28	18.8	840	19	27	38	60
29	30.5	1088	24	34	48	76
30	44.9	1275	30	43	60	95
31	70.9	1596	38	54	76	120
32	109	1974	48	67	95	150
33	175	2496	60	85	120	190
34	270	3042	76	107	151	239
35	414	3600	95	134	190	301
36	610	4200	122	173	245	386
37	940	5200	151	213	301	—
38	1560	6820	190	268	379	—

Shindengen America, Inc.