



## Series 124 Tubular Solenoid



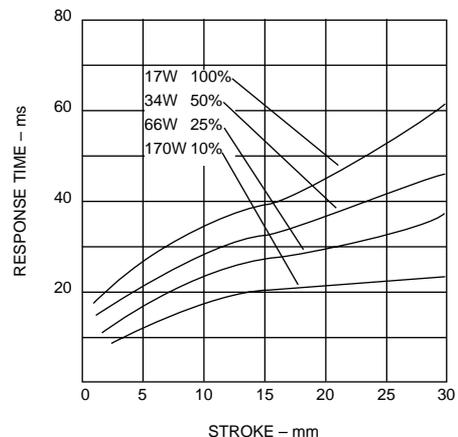
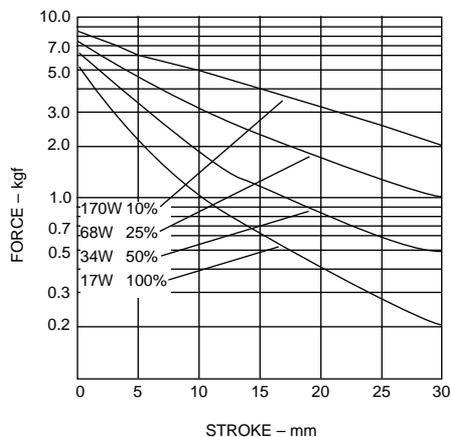
### GENERAL DESCRIPTION

- DC operated
- Noise reduction feature
- Tubular solenoid

### PERFORMANCE

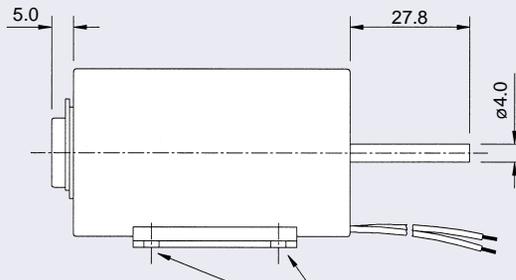
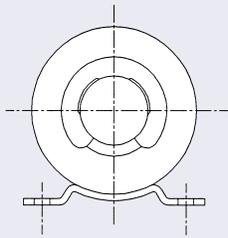
		ITEM	SPECIFICATION
<b>Electrical</b>		Closed power (continuous ratings)	17.0W
		Maximum permissible voltage	160V DC
		Dielectric strength	1KV RMS 50Hz
		Insulation	1KV
<b>Mechanical</b>		Weight	Total: 497g     Plunger: 95g
		Ambient temperature	The information given on this page is based on a working temperature of 20°C.
		Force/stroke curve	This force stroke curve shows average performance only with coil at ambient temperature. In addition to normal manufacturing tolerances, deviations can be expected at some voltages due to the coil winding tolerances.

### FORCE/STROKE CURVE AND RESPONSE TIME

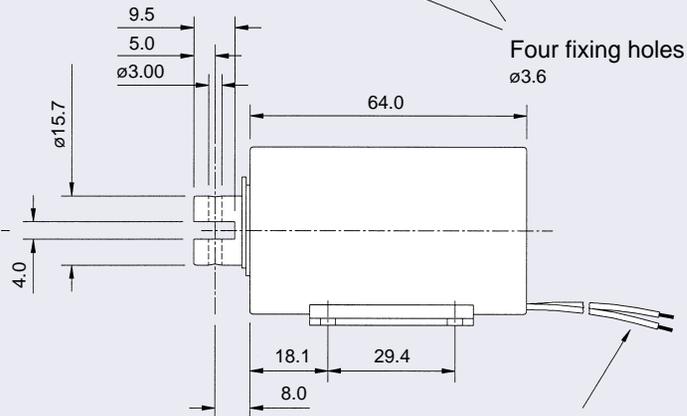
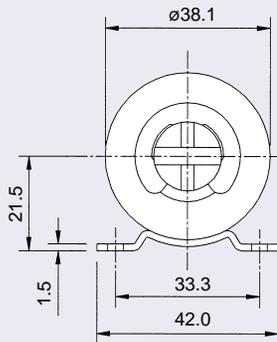


## DIMENSIONS (mm)

Push type - shown energised



Pull type - shown energised



Leads: 20 AWG UL1430  
Length: 150.0 minimum

## COIL DATA

Pull Type	Push Type	Resistance (20°C) Ω ±10%	Cont. (100%) Vdc	50% Vdc	25% Vdc	10% Vdc
124 420 610 540	124 420 620 540	2.1	6	8.5	12	19
124 420 610 620	124 420 620 620	8.5	12	17	24	38
124 420 610 720	124 420 620 720	34.0	24	34	48	76
Watts at 20°C			17	34	68	170
Max. on time (Secs)			∞	420	100	25

Other voltages available on request

$$\text{Duty cycle (\%)} = \frac{\text{"ON" time}}{\text{"ON" time} + \text{"OFF" time}} \times 100\%$$



BLP products are designed, manufactured and tested to ISO 9001 quality standards.

BLP reserve the right to change without prior notice the information contained in this leaflet.

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