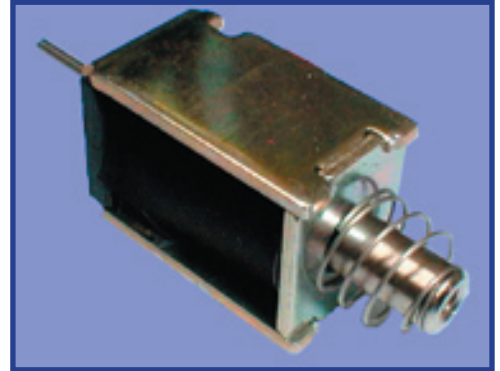


Solenoids

Series 44A Small, short stroke, high force solenoid



GENERAL DESCRIPTION

AC & DC types

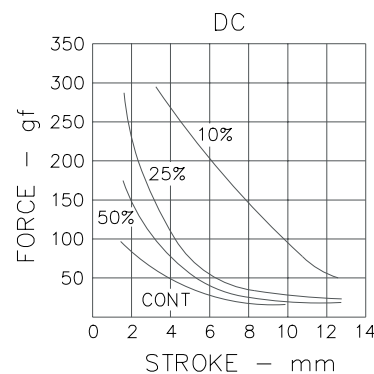
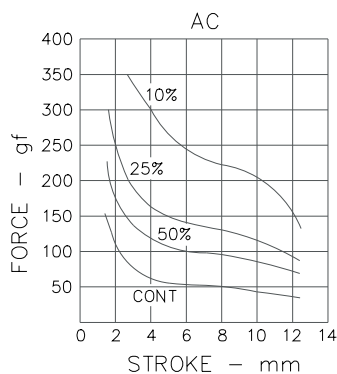
Pull & thrust versions

Shading ring for quiet AC operation

PERFORMANCE

	Item	Specification
ELECTRICAL	Maximum Ontime	See table below
	Closed power (continuous rating)	AC: 4.3VA DC: 3.0W
	Maximum permissible voltage	240V
	Dielectric Strength Insulation	1500V RMS 50Hz All coils tested to frame at 1500V RMS 50Hz
MECHANICAL	Weight	47.5g Plunger: 8.5g
	Ambient temperature	The information given on this page is based on room temperature of 20 C allowing for a nominal 75 C temperature rise in coil.
	Force/Stroke curve	These force curves show average performance only. In addition to normal manufacturing tolerances, deviations can be expected at some voltages due to the coil winding tolerances.

FORCE/STROKE CURVES & ON TIME

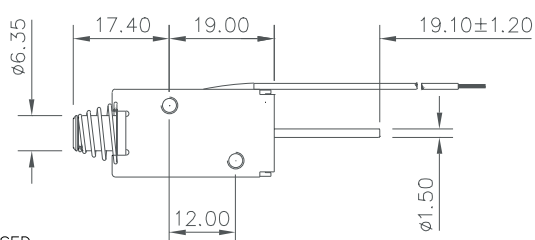


MAXIMUM ON TIME

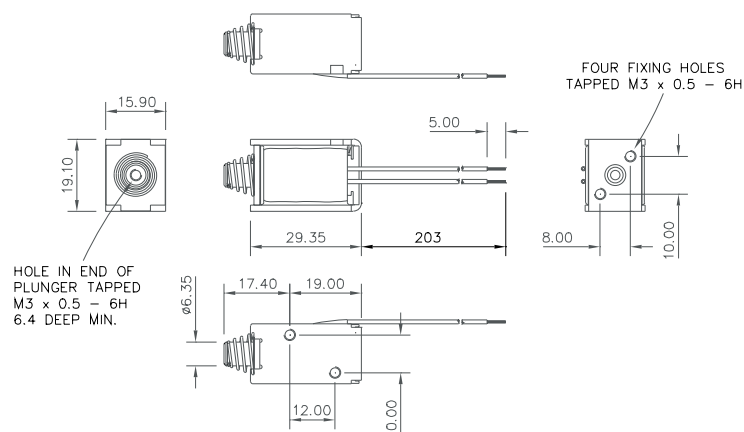
	10%		25%		50%	
	1 cycle	Cont. cycle	1 cycle	Cont cycling	1 cycle	Cont. cycling
AC	10 sec	6 sec	45 sec	30 sec	2.5 min	1.5 min
DC	20 sec	13 sec	45 sec	30 sec	2.0 min	1.5 min

DIMENSIONS (mm)

PUSH TYPE – SHOWN ENERGISED



PULL TYPE – SHOWN ENERGISED



CODING

4	4	A	2	2	0	X	X	X	X	X	X
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AC	1										
DC	6										
Pull		1									
Push		2									
STANDARD			0								
With Push Off Spring			1								
COIL	115V AC 50 Hz	15									
	220V AC 50Hz	23									
	230V AC 50Hz	39									
	6V DC	54									
	12V DC	62									
	24V DC	72									
	50V DC	84									
Standard Leads											0
Solder Tags											3



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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