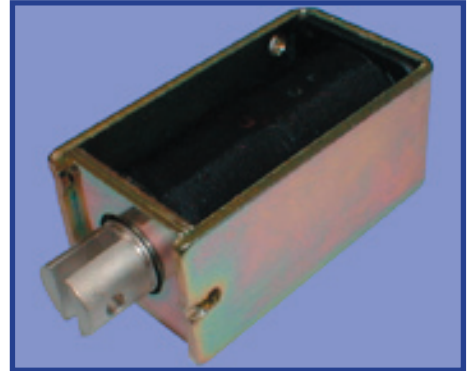


Solenoids

Series 42 Small, high force/stroke ratio solenoid



GENERAL DESCRIPTION

AC & DC types

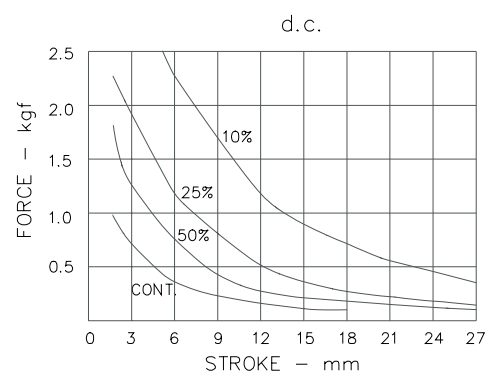
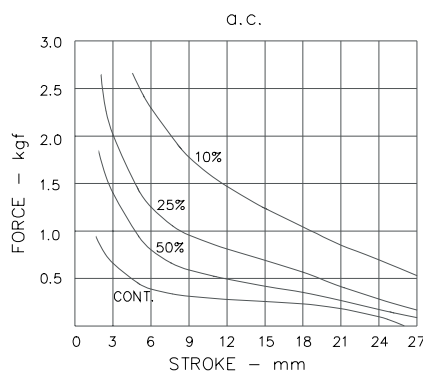
Pull & thrust versions

Shading ring for quiet AC operation

PERFORMANCE

	Item	Specification
ELECTRICAL	Maximum Ontime	See table below
	Closed power (continuous rating)	AC: 15VA DC: 10W
	Maximum permissible voltage	240V
	Insulation	All coils tested to frame at 1500V RMS 50Hz
MECHANICAL	Weight	213g Plunger: 42.5g
	Ambient temperature Force/Stroke curve	The information given on this page is based on room temperature of 20 C allowing for a nominal 75 C temperature rise in coil. 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

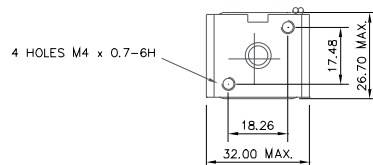
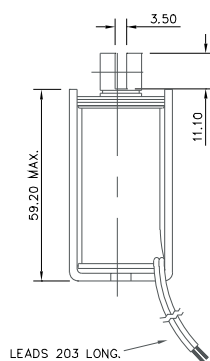
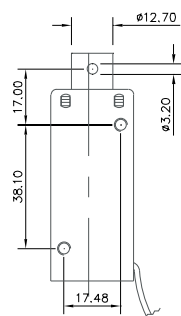


MAXIMUM ON TIME

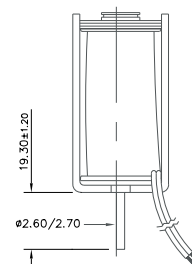
	10%		25%		50%	
	1 cycle	Cont. cycle	1 cycle	Cont cycling	1 cycle	Cont. cycling
AC	55 sec	40 sec	3 min	2 min	10 min	7 min
DC	50 sec	30 sec	2 min	1.25 min	5.75 min	4 min

DIMENSIONS (mm)

PULL TYPE - SHOWN ENERGISED



PUSH TYPE - SHOWN ENERGISED



CODING

4		2		1			2		0		X			X		X		X			X		X		2	
AC											1															
DC											6															
Pull													1													
Push													2													
STANDARD													0													
With Push Off Spring													1													



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