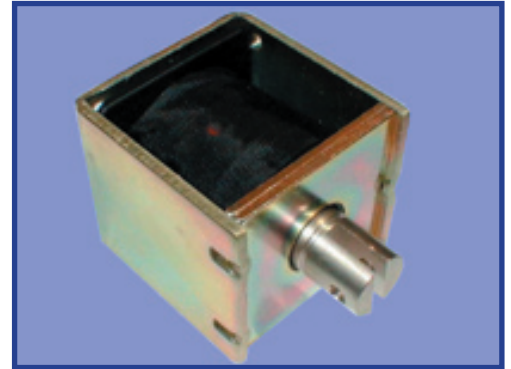


Solenoids

Series 43 high force/stroke ratio solenoid



GENERAL DESCRIPTION

Heavy Duty

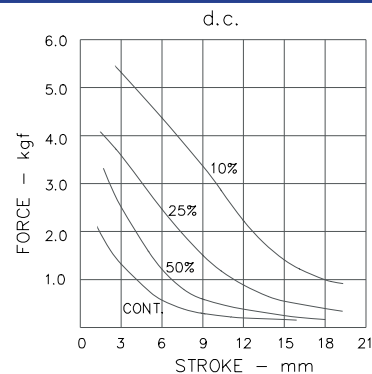
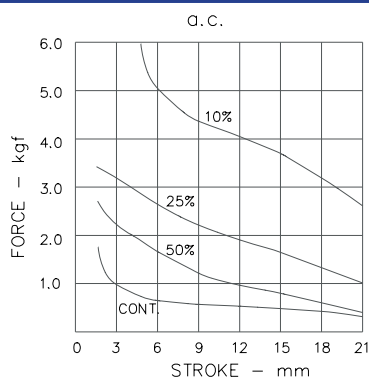
Pull & thrust versions

Shading ring for quiet AC operation

PERFORMANCE

ELECTRICAL	Item	Specification
	Maximum Ontime	See table below
	Closed power (continuous rating)	AC: 20VA DC: 12W
	Maximum permissible voltage	240V
MECHANICAL	Insulation	All coils tested to frame at 1500V RMS 50Hz
	Weight	425g Plunger: 49g
	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

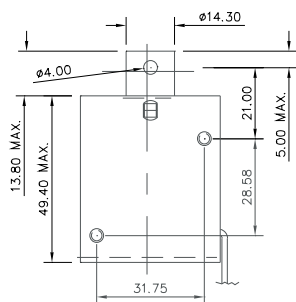


MAXIMUM ON TIME

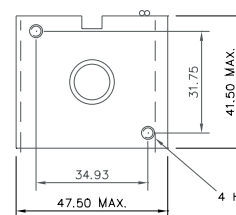
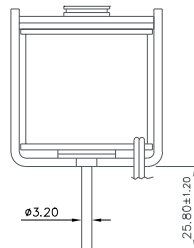
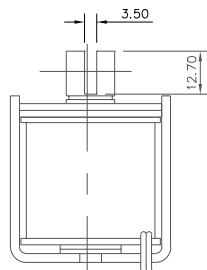
	10%		25%		50%	
	1 cycle	Cont. cycle	1 cycle	Cont cycling	1 cycle	Cont. cycling
AC	65 sec	5 sec	7.75 min	1.25 min	14.5 min	2 min
DC	55 sec	35 sec	3.5 min	2 min	7 min	4.25 min

DIMENSIONS (mm)

PULL TYPE - SHOWN ENERGISED



PUSH TYPE - SHOWN ENERGISED



4 HOLES M4 x 0.7-6H

LEADS 203 LONG

CODING

4		3		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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