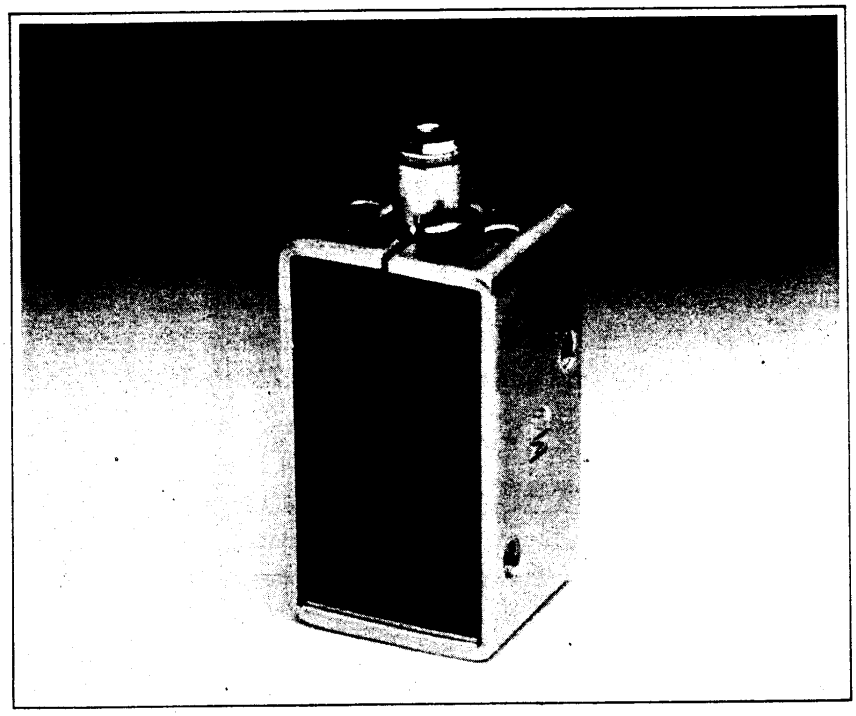
PED Limited

Solenoids
Series 44



Description

These miniature solenoids are intended for short stroke high force applications.
Both pull and thrust versions can be supplied.
The solenoid is fitted with a shading ring for quiet operation on AC supply.

Ambient temperature

Information given on this page is based on a room temperature of 20°C, allowing for a nominal 75°C temperature rise in the coil.

Maximum permissible voltage

240V.

Insulation

Proof test at 1500V RMS 50Hz.

Closed power (continuous rating)

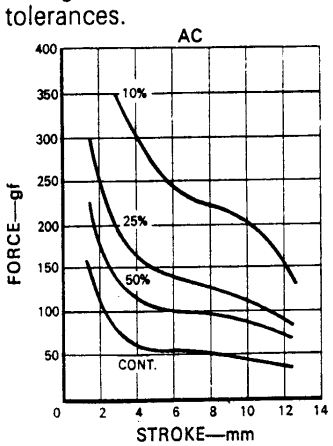
AC: 4.3VA approximately.
DC: 3.0W.

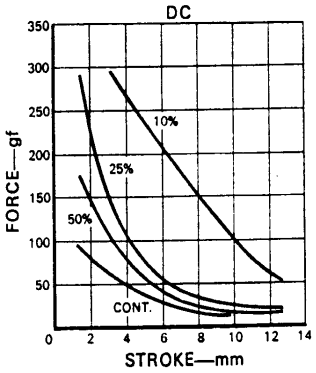
Weight

Total: 47.5g.
Plunger: 8.5g.

Force/stroke curves

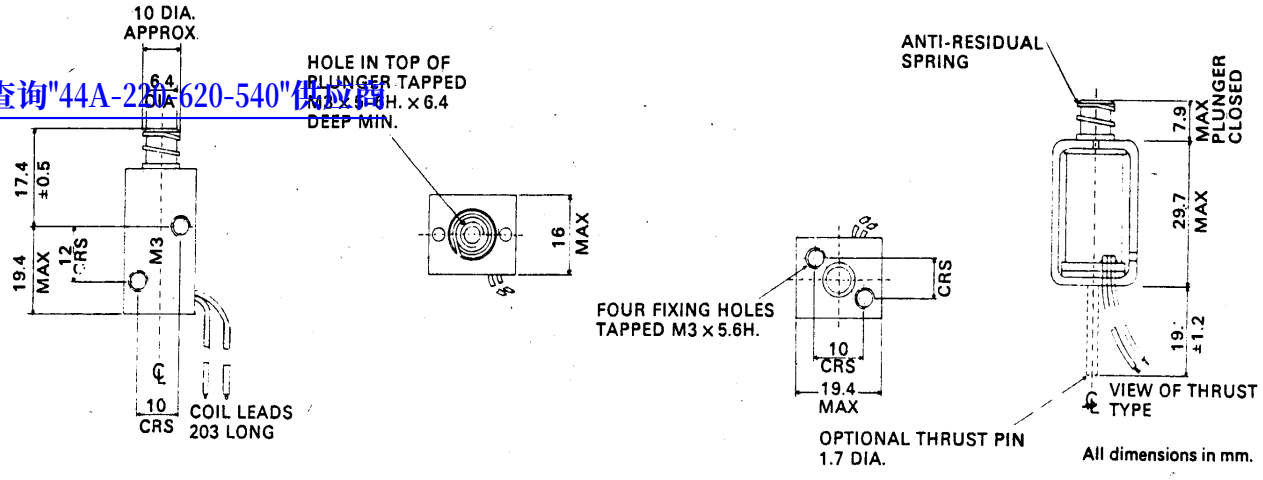
These force curves show average performance only. In addition to normal manufacturing tolerances, deviations can be expected at some voltages due to the coil winding tolerances.





Maximum on time

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



Ordering Information

4 4	2 2 0	X X X	X X X

TYPE/ACTION	AC	1
	DC	6
	PULL	1
	Push	2
	Standard	0
	With Push-off Spring	1

		RATING			
		Cont.	50%	25%	10%
COIL	24V AC 50Hz	0 1	0 2	0 3	0 4
	50V AC 50Hz	0 8	0 9	1 0	1 1
	115V AC 50Hz	1 5	1 6	1 7	1 8
	220V AC 50Hz	2 3	2 4	2 5	2 6
	240V AC 50Hz	3 1	3 2	3 3	3 4
	115V AC 60Hz	1 9	2 0	2 1	2 2
	220V AC 60Hz	2 7	2 8	2 9	3 0
	240V AC 60Hz	3 5	3 6	3 7	3 8
	6V DC	5 4	5 5	5 6	5 7
	9V DC	5 8	5 9	6 0	6 1
	12V DC	6 2	6 3	6 4	6 5
	24V DC	7 2	7 3	7 4	7 5
	28V DC	7 6	7 7	7 8	7 9
	36V DC	8 0	8 1	8 2	8 3
	50V DC	8 4	8 5	8 6	8 7
	115V DC	8 8	8 9	9 0	9 1
	220V DC		9 3	9 4	9 5
	240V DC		9 7	9 8	9 9

Standard Leads	0
Faston Tags	3

PED

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Exning Road, Newmarket, Suffolk CB8 0AX, England
Tel: (0638) 665161 Telex: 81245 PEDLTD Fax: (0638) 660718