

### Description

These robust solenoids are suitable for heavy-duty applications. They offer a very high force/size ratio. These solenoids are available in both pull and thrust versions.

### Ambient temperature

The 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

Coil proof test to frame – 1500V RMS 50Hz.

### Closed power (continuous rating)

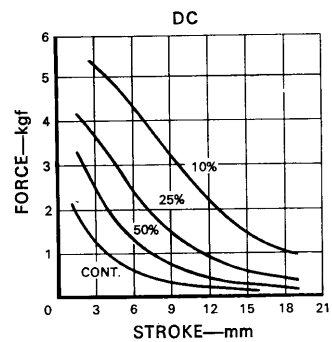
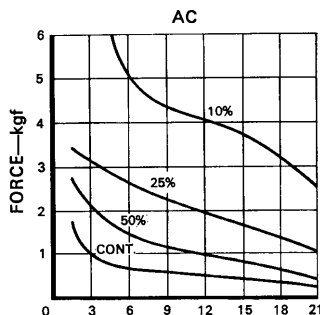
AC: 20VA.  
DC: 12W.

### Weight

Total: 425g.  
Plunger: 49g

### 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.

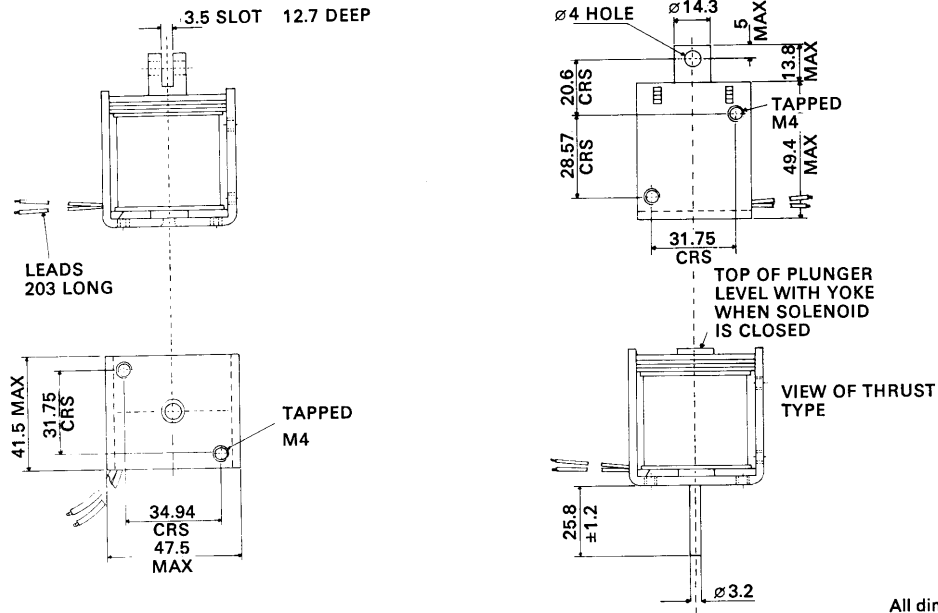


### Maximum on time

	10%		25%		50%	
	1 cycle	Cont. cycling	1 cycle	Cont. cycling	1 cycle	Cont. cycling
AC	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

### Approvals

Solenoids which are approved to the Canadian Standards Association requirements can be supplied if specified.



All dimensions in mm.

### Ordering Information

		4	3		1	2	X		X	X	X		X	X	X	
BASIC	Standard							0								
	C.S.A. Approved (use Coil XX4 only)							1								
TYPE/ACTION	AC							1								
	DC							6								
	Pull								1							
	Push								2							
	Standard								0							
	With Push-off Spring								1							
COIL	RATING															
			Cont.		50%		25%		10%							
	24V AC 50Hz	0	1	0	2	0	3									
	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													
	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	2	9	3	9	4	9	5							
	240V DC	9	6	9	7	9	8	9	9							
Standard Leads															0	
Faston Tags															3	

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

#### Health & Safety at Work etc., Act 1974

Some of our products are capable of being operated by and capable of switching high voltages and/or currents. Care must therefore be exercised in the usage of such products.



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