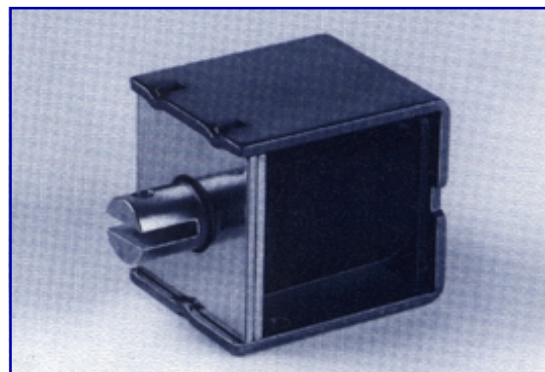


Solenoids

Series 43 high force/stroke ratio Solenoid



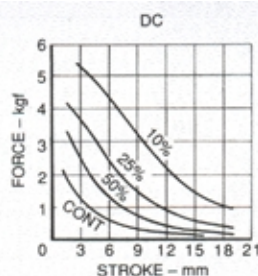
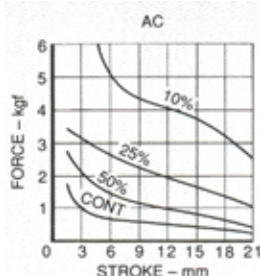
GENERAL DESCRIPTION

- AC & DC types
- Pull and thrust versions
- Shading ring for quiet AC operation
- Suitable for heavy duty applications

PERFORMANCE

Electrical	ITEM	SPECIFICATION
	Maximum on Time	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 Ambient temperature	Total: 425g. approx. Plunger: 49g 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.
	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.

FORCE/STROKE CURVE



MAXIMUM ON TIME

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

		4 3		1 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								
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			
	230V AC 50Hz	3	9	4	0	4	1	4	2			
	115V AC 60Hz	1	9	2	0	2	1	2	2			
	220V AC 60Hz	2	7	2	8	2	9	3	0			
	230V AC 60Hz	4	3	4	4	4	5	4	6			
	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

Other operating voltages and ratings available on request

