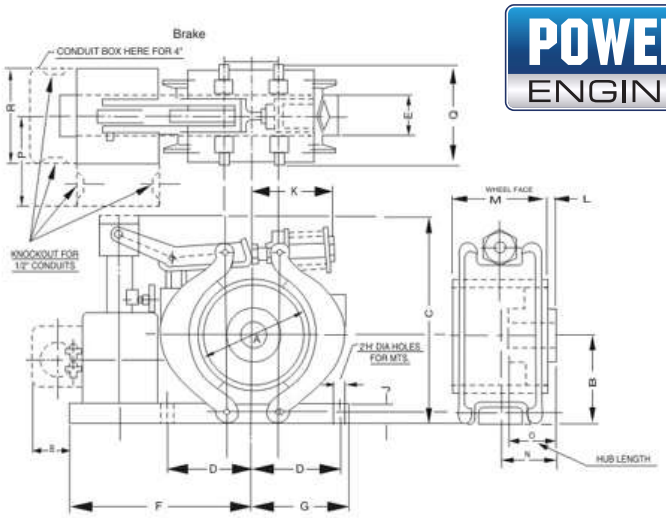
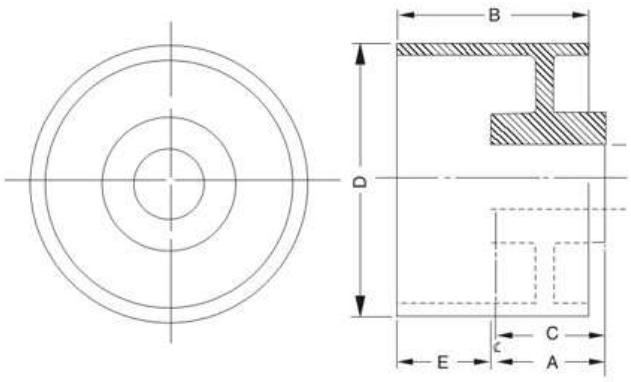
POWERMECH ENGINEERING
Ph: 044 - 2471 5461, 4261 4058
e-mail: info@powermechengineering.com





Drum Size approx	A	B	C	D		Bore Min	Bore Max	E
100	41	70	41	101.6	+0.00 -0.10	12.7	34.92	34.92
140	51	82	51	139.7	+0.00 -0.10	19.0	50.8	41.27
180	76	108	54	177.8	+0.00 -0.18	19.0	57.15	31.75

AC Solenoids

AC Solenoids (Pull Type) encourages application to a wide range of purposes requiring a definite pull motion under automatic or distant control in connection with electrically driven machinery.

Typical functions include the operation of electromechanical brakes and valves, various short-stroke motions on machine tools and many operations required in automatic machinery of all kinds.

e-mail: info@powermechengineering.com

Specifications

The solenoid consists of laminated frame and plunger with steel supporting frame. The epoxy moulded coil is held in place by means of flat steel springs to prevent transmission of shock to the coil. The plunger and frame are carefully machined to ensure quiet operations. Solenoids can be used for up to 600 operations per hour if the pull-in time is within specified limits. These solenoids are provided with fixing holes for floor mounting.

Electrical and mechanical ratings

Solenoid type / Duty		Size B Continuous or intermittent	Size D Continuous or intermittent
Maximum stroke length	(mm)	25	31.4
Pull at rated voltage (Gross)*	kg	1.25	6.75
Pull at 85% of rated voltage (Gross)*	kg	0.9	4.5
Weight of plunger	kg	0.2	0.3
Operating time	m sec	70	70
Coil consumption (sealed)	VA	90	220
Coil consumption (in rush)	VA	465	1790
Weight	kg	1.2	2.9

Standard coil voltage offered : 110, 220, 380, 415, 440V 50Hz

* When the solenoid is working against gravity, the weight of the plunger must be substracted in order to ascertain the effective pull. When working with gravity, the weight of the plunger must be added.

Catalogue code

Product code	SL
Solenoid size	B or D
	380V-L,415V-M

eg. SLBL represents Solenoid size B with 380V coil