

Ledex® Box Frame Size B17

Part Number: B17 - **XXX** - A-1

All products are RoHS Compliant

LINEAR Open Frame

Select from performance chart below

Specifications

Operation	Pull
Dielectric Strength	500 VRMS for one second
Continuous Duty Cycle	100% at 20°C ambient temperature
Intermittent Duty Cycle	See below
Holding Force	14.04 oz. (3.9 N) at 20°C
Coil Insulation	Class "B": 130°C max.
Coil Termination	10" (254 mm) PVC lead wires
Plunger Weight	0.1 oz. (2.84 g)
Total Weight	0.65 oz. (18.4 g)



Battery Powered



High Speed



Miniature Size

Performance

Maximum Duty Cycle	100%	50%	25%	10%
Maximum ON Time (sec) when pulsed continuously	∞	15	6	2
Maximum ON Time (sec) for single pulse	∞	112	36	10.5
Watts (@ 20°C)	1.6	3.2	6.4	16
Ampere Turns (@ 20°C)	292	414	584	923

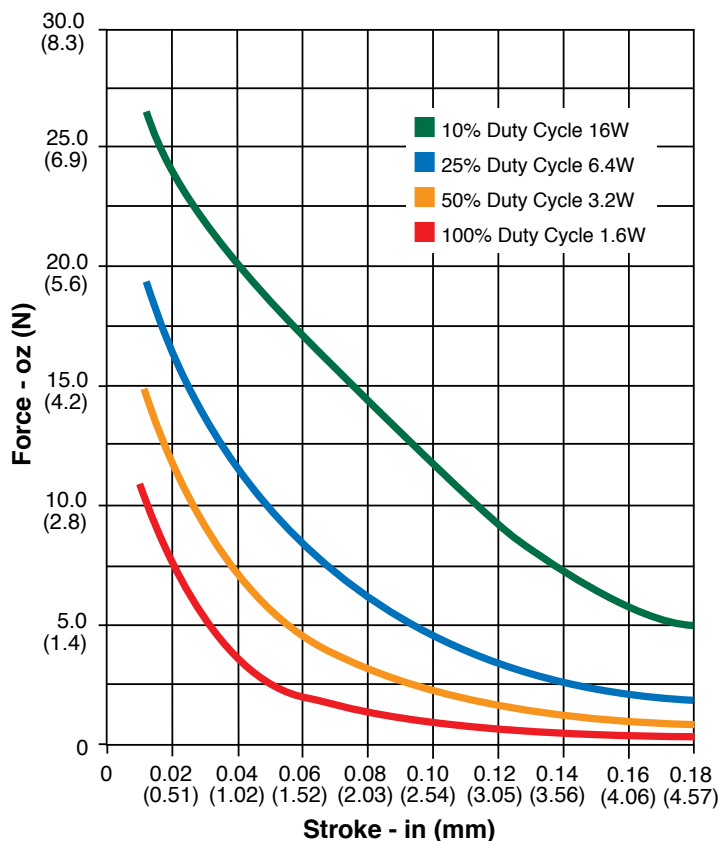
Coil Data

Part Number	Resistance (@20°C)	Ref # Turns	VDC (Nom)	VDC (Nom)	VDC (Nom)	VDC (Nom)
B17-258-A-1	5.40	556	3	4	6	9
B17-255-A-1	21.93	1112	6	8.5	12	19
B17-256-A-1	50.2	1540	9	12	18	28.3
B17-254-A-1	88.95	2208	12	17	24	38
B17-253-A-1	337	3687	24	34	48	76
B17-252-A-1	1465	9177	48	68	96	153

NOTES:

1. All data is typical.
2. Force testing is done with the solenoid in the horizontal position.
3. All data reflects operation with no heatsink.
4. Pull versions standard; push versions available.
5. Magnetic latching version available..

Typical Force @ 20°C



How to Order

Select the part number from the table provided. (For example, to order a 25% duty cycle unit rated at 48 VDC, specify B17-253-A-1.

Please see www.ledex.com for our list of stock products available through our North American distributors.

All specifications subject to change without notice.

Force values for reference only.

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Dimensions

Inches (mm)

All solenoids are illustrated in energized state

