

# Ledex® Box Frame Size B11HD

Part Number: B11HD - **XXX** - B-3

All products are RoHS Compliant

LINEAR Open Frame

Select from performance chart below

## Specifications

Operation	Pull
Dielectric Strength	1500 VRMS for one second
Continuous Duty Cycle	100% at 20°C ambient temperature
Intermittent Duty Cycle	See below
Holding Force	7.75 lbs (34.5 N) at 20°C
Coil Insulation	Class "B": 130°C max.
Coil Termination	10" (254 mm) PVC lead wires
Plunger Weight	1.4 oz. (38 g)
Total Weight	6.8 oz. (192.8 g)

## Performance

Maximum Duty Cycle	100%	50%	25%	10%
Maximum ON Time (sec) when pulsed continuously	∞	382	71	21
Maximum ON Time (sec) for single pulse	∞	528	164	48
Watts (@ 20°C)	9	18	36	90
Ampere Turns (@ 20°C)	1119	1582	2238	3539

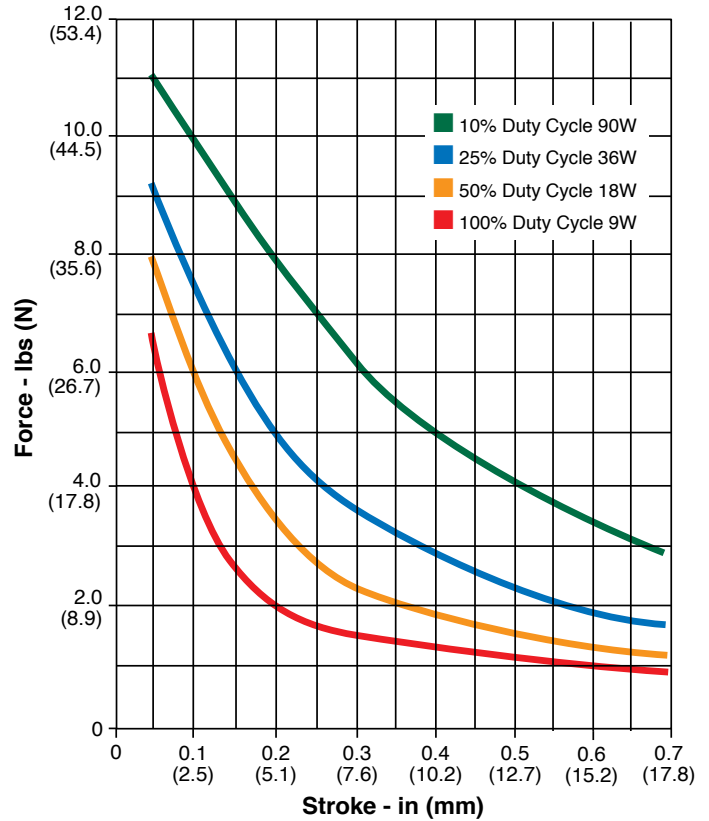
## Coil Data

Part Number	Resistance (@20°C)	Ref # Turns	VDC (Nom)	VDC (Nom)	VDC (Nom)	VDC (Nom)
B11HD-255-B-3	4.2	780	6.1	8.7	12.3	19
B11HD-254-B-3	16.7	1533	12.3	17	25	39
B11HD-253-B-3	67	3050	25	35	49	78
B11HD-252-B-3	286	6360	51	72	102	160
B11HD-251-B-3	1710	14973	124	176	248	382

## 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 heat sink.
4. Pull versions standard; push versions 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 49 VDC, specify B11HD-253-B-3.

Please see [www.ledex.com](http://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

