

Dormeyer® Box Frame Size B22 — AC Operation

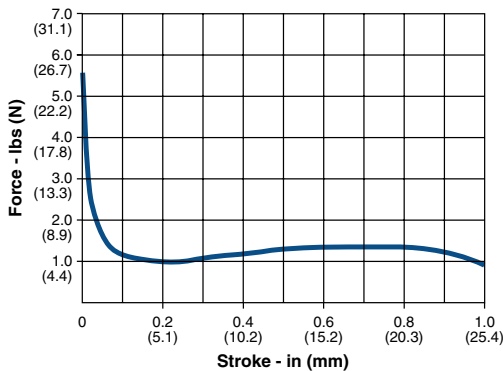
Specifications

Continuous Duty Cycle 100% at 20°C ambient temperature
 Intermittent Duty Cycle 20% on time, 80% off time. On time not to exceed 3 min. at 20°C ambient temperature

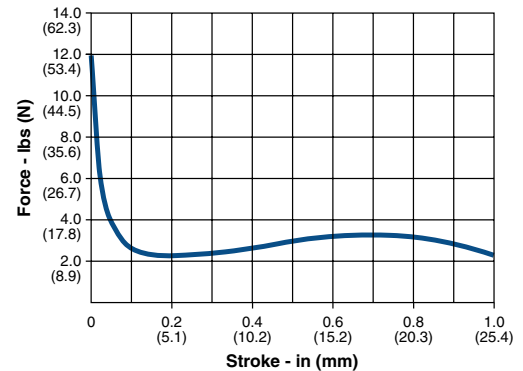
Direction of Load Movement Pull
 Coil Insulation Class "A": 105°C max. temperature standard. Other temperature classes are available
 Coil Termination 3/16" QC
 Plunger Weight 1.5 oz. (42.5 g)
 Total Weight 8.0 oz. (227 g)
 Dimensions See page 26

All catalog products manufactured after April 1, 2006 are RoHS Compliant

AC Continuous Duty



AC Intermittent Duty



Duty Cycle	Continuous – 12 VA		Intermittent – 40 VA	
Model	B22-1-M-36	B22-2-M-36	B22-501-M-36	B22-502-M-36
Volts — 60Hz (50 Hz avail.)	120	240	120	240
Coil Resistance ± 10% (Ohms at 25°C)	107	433	40.5	163
Amps Seated ± 10%	0.162	0.090	0.548	0.357
Amps at 1/8" ± 10%	0.322	0.220	0.920	0.528
Amps at 1/4" ± 10%	0.417	0.247	1.135	0.625
Amps at 3/8" ± 10%	0.492	0.308	1.365	0.735
Amps at 1/2" ± 10%	0.603	0.368	1.593	0.872
Amps at 5/8" ± 10%	0.697	0.403	1.835	1.007
Amps at 3/4" ± 10%	0.793	0.438	2.077	1.128
Amps at 7/8" ± 10%	0.870	0.482	2.267	1.227
Amps at 1" ± 10%	0.925	0.523	2.405	1.283

NOTES:

- All data is typical.
- Force testing is done with the solenoid in the horizontal position.
- All data reflects operation with no heatsink.
- Other coil terminations available.
- 230V/50 Hz models are also available. Please contact us for ordering information.
- All specifications subject to change without notice.

How to Order

Select the part number from the table provided. (For example, to order a continuous duty cycle unit rated at 120 VAC, specify B22-1-M-36.

Please see www.dormeyer-solenoids.com (click on Stock Products tab) for our list of stock products available through our distributors.

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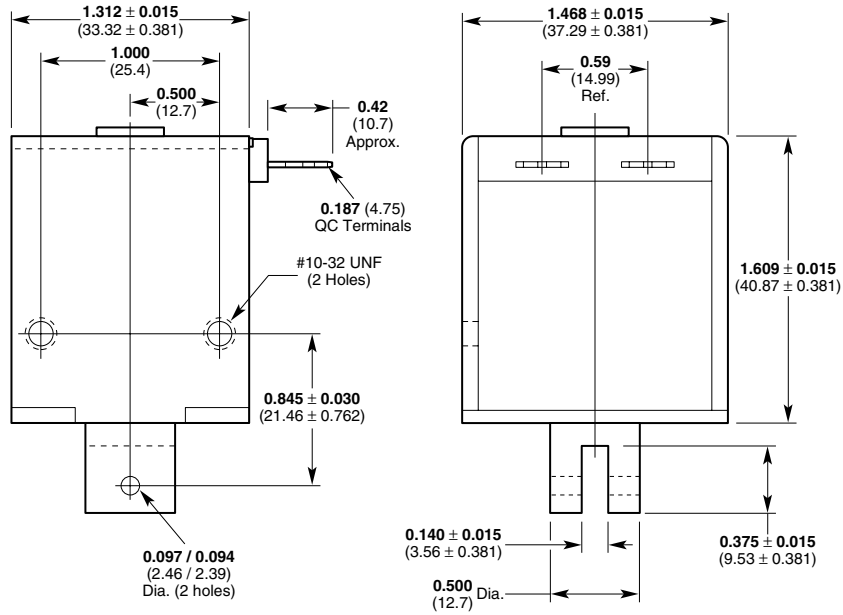
Dormeyer® Box Frame Dimensions

Inches (mm)

All solenoids are illustrated in energized state

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B22



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