

ANSI/BHMA A156.23 – 2004

American National Standard for Electromagnetic Locks

This Standard establishes requirements for Electromagnetic Locks and includes cyclical, dynamic, operational, strength and finish tests. This product is used for access control.

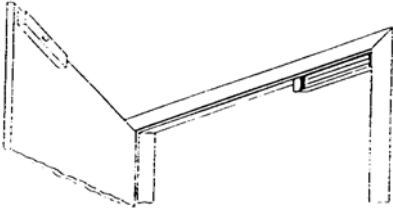
Additionally, definitions, general information, test methods, explanation of identifying numbers, typical illustrations, and type numbers descriptions are provided in this Standard.

Sample test values performed under laboratory conditions:

Please note that these are partial descriptions used for illustration purposes only. All tests, and test methods are listed in the full Standard.

Holding Force lbf. (N)	Dynamic Test Joules (5 blows)	Under Voltage	Operational Salt Spray
500	45	425 lbf (2224 N)	425 lbf
1000	68	850 lbf (3780 N)	850 lbf
1500	95	1275lbf(5670 N)	1275lbf
2000 and above in 500 lb. increments only	Holding Force times .07	Holding Force times .85	Holding Force times .85

Sample illustration:

<p>E08501 Lock mounted on header. Armature mounted on push side of door</p>	
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Note: This document is not to be used as a substitute for the standard. Users should refer to the entire standard for complete requirements and details. For further information go to www.buildershardware.com.