

Product Basic Information*

www.vdo.com

Digital Linear Actuator

Description

The VDO Automotive Digital Linear Actuator (DLA) is a digitally controlled bi-polar 2 phase linear stepper motor. It is designed for underhood applications, such as:

- _ throttle body air bypass valves
- _ idle air control valves.
- _ linear position actuation

The air flow characteristics can be tuned to the application needs by changing the pintle profile. Different types of linear actuators are available to cover a wide range of applications.

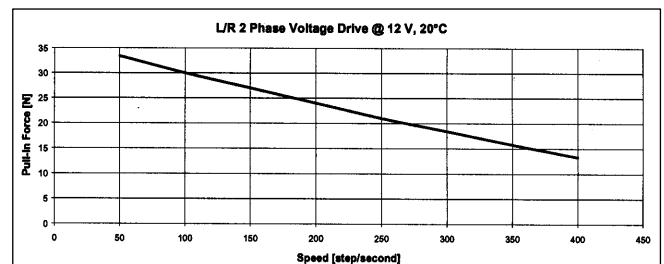


Technical Data

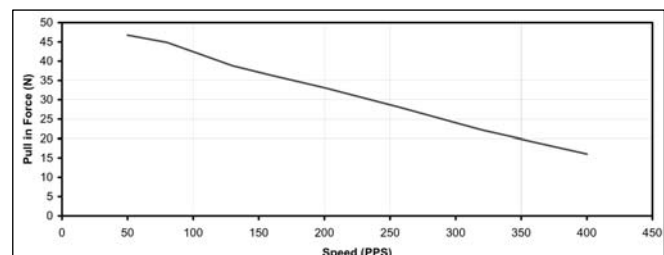
Nominal voltage:	12 VDC
Rated voltage:	7.5 to 14.2 VDC
Operating temperature:	-40° to +125°/150°C*
Storage temperature:	-40° to +125°/150°C*
Step size:	0.042 mm
Steps:	204 to 218*
Total travel:	8.5 to 9.35* mm

* dependent on series

Pull-in force: series 92000/ 95000/ 97000



Pull-in force: series 96000/ 96100



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