

G3 HAPTIC SYSTEM

Benefit from a robust and compact actuator form factor while retaining the same core architecture and software integration you’ve come to love from D-BOX. This updated version of our renowned G3 system now comes with our ACM G3 FLEX that features a 120/230V switch for flexible power configurations.

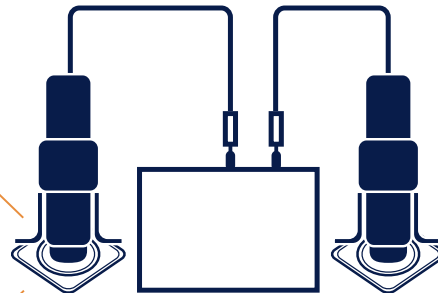
PERFORMANCE UNDER MAXIMUM LOAD	500HD-6
MAXIMUM LIFTING CAPACITY PER ACTUATOR	500 lb / 226 kg
HORIZONTAL LOAD	Translation on limited friction surfaces can be done on weights up to 3 times vertical lifting capacity.
MAXIMUM STROKE	6 inch / 152.4 mm
MAXIMUM VELOCITY	100 mm/s
MAXIMUM ACCELERATION	+/- 1 g-force
FREQUENCY RANGE	0-100 Hz
OPERATING TEMPERATURE RANGE	0-40°C
OPERATING HYGROMETRY	10 to 85% (free from condensing)

Note: It is not recommended to connect your D-BOX system to a GFCI breaker type.

POWER REQUIREMENTS			AVERAGE POWER To be used for electric consumption	PEAK CURRENT To be used for breaker specification
120 V 50/60 HZ	500 lb	1 TO 2 ACTUATORS	400 W	3.75 A
		3 TO 4 ACTUATORS	800 W	7.5 A
230 V 50/60 HZ	500 lb	1 TO 2 ACTUATORS	426 W	3.75 A
		3 TO 4 ACTUATORS	852 W	7.5 A

## SYSTEM OVERVIEW\*

### FACTORY BRACKET



### ENDING OPTIONS

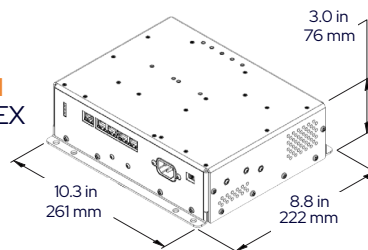


NON CAPTIVE  
ENDINGS



CAPTIVE  
ENDINGS

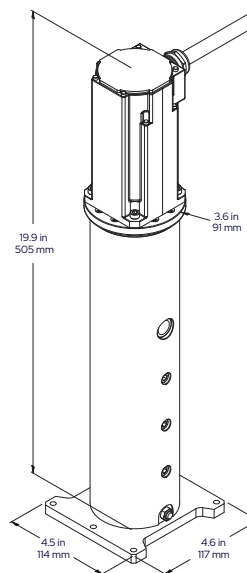
ACM  
G3 FLEX



\*Two actuator system

## 6" ACTUATOR FAMILY

500 HD-6



\*HD refers to an actuator designed with a double nut ball screw for higher durability in high strain environment and extended periods of time.



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