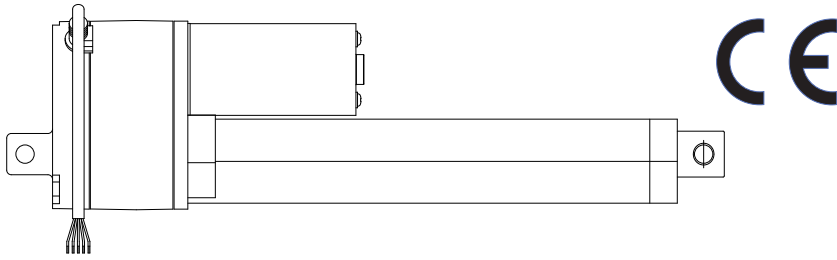


## DLA INSTALLATION MANUAL



### MODEL NO. DESIGNATIONS

DLA	12	20	A	200	POT-IP65
Type	Voltage	Gear Ratio (Exact)		ACME	Stroke
	12V DC 24V DC	10:1 40:1	10.9:1 42.8:1	(screw standard)	50mm 100mm 200mm 300mm
					Potentiometer Sensor and IP-Class 65

- Load force up to 1000N
- Static force 2300N
- Operating temperature -26°C~+65°C
- Duty cycle 25% (25% on / 75% off)  
2.5 minutes continuous operation followed by 7.5 minutes off

### Notes

The actuator will extend when the red wire connects to plus and black wire to negative, reverse them for retraction.

Make sure the actuator is not connected electrically when installed.

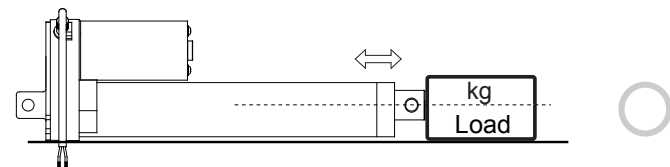
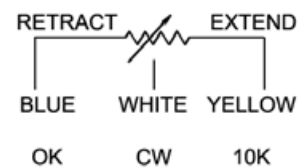
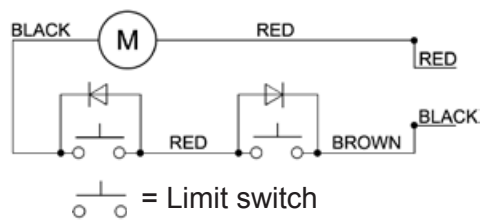
Make sure you use the correct DC voltage.

Actuator force must not be over loaded. Please refer to the model number and it's force specification.

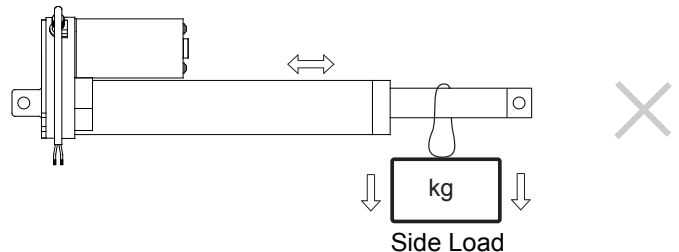
To avoid over load disconnect the actuator if the current exceed it's maximum rating.

The actuator have integrated limit switches that will stop the rod when it reach it's end position of extraction or retraction.

In order to retract or extract again the supply voltage polarity must be reverted.

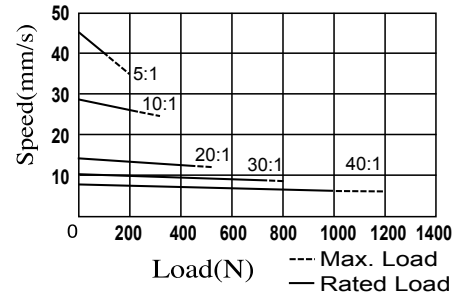


The load should be centered on the operating direction



Side load is NOT good for the actuator. In case the actuator rod is exposed to side load the service life time will be reduced.

### Speed vs Load



### Current vs Load

