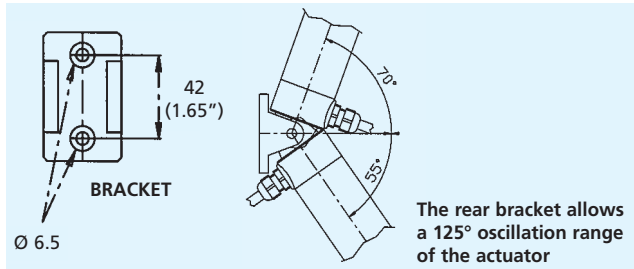
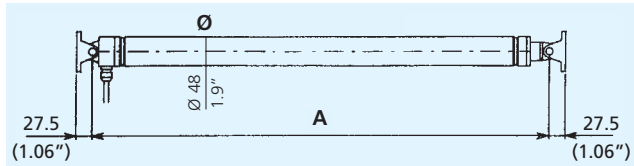


AV SERIES ELECTRICAL HATCH LIFTERS

The AV hatch lifters are electromechanical products, especially designed for marine use on pleasure boats. They allow full or partial opening and closing of heavy engine hatches, peak tanks, hatch beams etc. By activating a switch, it is possible to lift the hatch to any desired position from closed to full open; an internal self-locking mechanism will maintain the position preventing any accidental hatch closing. In case of a power failure an emergency device allows for manual opening.

TECHNICAL FEATURES

- According to the load required, the AV hatch lifter can be mounted individually, or in twin cylinder installation for heavier loads. It is also possible to install more than two AV actuators in multiple applications.
- **Maximum load for single installations: 1200N (120 kg - 265 lbs)**
- **Maximum load for dual installations: 2400N (240 kg - 529 lbs)**
- Maximum load is recommended not to be exceeded.
- Supplied with all mounting hardware.
- Stainless steel telescopic ram for manual operation in case of emergency.
- Available on request without manual emergency opening device for high performance boats.
- Circuit breaker to stop accidental overloading of the system and electronic stop at closed or full open position.
- IP 65 protection rated
- Speed: 25mm/sec no load applied, 17 mm/sec maximum load
- Current absorption in single installations: 10A at 12V, 5A at 24V
- Current absorption in dual installations: 20A at 12V, 10A at 24V
- AV 12VDC models are Ignition Protected. UL1500 - ISO8846 approved.



MODEL	PART No.	VOLTS	STROKE	LENGTH A (FULL CLOSED ACTUATOR)	EXTERNAL DIA.
AV 3012	40671 C	12V DC	300 mm (12")	677 mm (26.6")	48 mm (1.9")
AV 3024	40672 E	24V DC	300 mm (12")	677 mm (26.6")	48 mm (1.9")
AV 4512	40582 D	12V DC	450 mm (18")	827 mm (32.5")	48 mm (1.9")
AV 4524	40583 F	24V DC	450 mm (18")	827 mm (32.5")	48 mm (1.9")
AV 6012	40584 H	12V DC	600 mm (24")	977 mm (38.4")	48 mm (1.9")
AV 6024	40585 K	24V DC	600 mm (24")	977 mm (38.4")	48 mm (1.9")

OPTIONAL COMPONENTS:

RB12 - 40738 Y Relay box 12V
RB24 - 40742 C Relay box 24V
 It contains the relays needed for cycle reversion.

SW20 - 61101 T
 1 x 3 way single pole momentary switch
 (10-20 Amp)

BR/AV - 80382 I
 Spare fixing bracket

