



HYDRACON SUBSEA

AUV SCUTTLE VALVE

(a custom 2-way Latching Solenoid Valve)

Features:

- BUBBLE-TIGHT CLOSURE
- SMALL SIZE & LIGHTWEIGHT
- STAINLESS STEEL
- SHOCK RESISTANT
- LOW MAINTENANCE

Specifications:

1. Solenoid valve, 2-way 2-pos normally closed, mechanical latch, manual unlatch.
2. Operating fluid pressure: to 3,000 psid
3. Fluid media: sea water
4. Contamination tolerant seat.
5. Bubble tight closure ("zero" leakage)
6. Flow: 0.40 GPM @ 0.78 psid
(0.15" ESEOD) ($C_v = .43$) *
7. Ports: AND10050-4 (1/4" tube size)
8. Electrical: 1.0 amp @ 24vdc, cont. duty.
9. Size: 2.25" x 2.25" x 5" long
10. Weight: 3.2 lbs. (actual)



Model 1714-100

Used to scuttle an Autonomous Underwater Vehicles. This custom designed solenoid valve is used where "zero" leakage is essential for long-term bubble-tight service. 1714-100 is not submersible.

No adjustments: The most important feature! Can you imagine having to adjust valves in a remote location? This feature additionally results in long life, low maintenance, high resistance to shock and vibration, and greatly increased reliability.

1704-200 is a smaller version scuttle valve.

Latching solenoid valves can be used in place of pyro valves.

Custom designs available.

www.hydracon.com

NPA1714-100C

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