



*Sea Energy*

# *Quick Release*

Features:

**FAIL SAFE RELIABILITY  
OCEAN DEPTH ACTUATED  
NO ELECTRICAL POWER  
FAST ACTUATION**

Specification:

**Dimensions ..... 1.75" dia. x 5.75" long  
Weight ..... 1.25 lb. in air, recoverable  
0.53 lb. in air, expendable  
Max. Ambient Pressure ..... 10,000 psi  
Materials recoverable: 17-4 pH cress SS  
expendable: plated steel  
Power supply ..... none  
Actuation depth ..... by rupture disc  
Load capacity ..... to 2500 lbs  
Release Time ..... instantaneous**

**Quick Release, Model No. 1100-100  
(a separation device)**

The Sea Energy Quick Release is a unique and proven fail-safe mechanical device that is depth-pressure actuated, utilizing the ocean pressure to actuate. Used on underwater vehicles or on free fall recoverable vehicles, it is used to separate the buoyant section from the hard ballast. Its release action is instant, and the actuation depth is accurate within +/- 5% of selected depth.

The Quick Release is small and lightweight, having re-useable stainless steel components; no electrical power is needed, provides accurate release depth, choice of release depth, and fail safe reliability.

Hydracon related products include ocean submersible electric switches, solenoid actuators, and solenoid operated ballast valves.

See our web page, [www.hydracon.com](http://www.hydracon.com) or e-mail to [alex@hydracon.com](mailto:alex@hydracon.com) for technical information.

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