

DCB

Depth Compensated Accumulators

PATENTED



A Great Option for adding Volume to your BOP

Reel Power Marine & Energy patented innovative depth compensated accumulators reduce subsea equipment weights, lower maintenance requirements, and improve equipment access. Accumulators are used to deliver hydraulic fluids to wellhead blowout preventers, subsea control systems, subsea trees and subsea accumulator modules. Among other functions, accumulators are used to actuate the shear rams on a subsea BOP stack.

Depth Compensated Accumulators use the pressure of the ocean's water column to boost the hydraulic pressure, thereby allowing fewer number of accumulator bottles mounted on the subsea system.

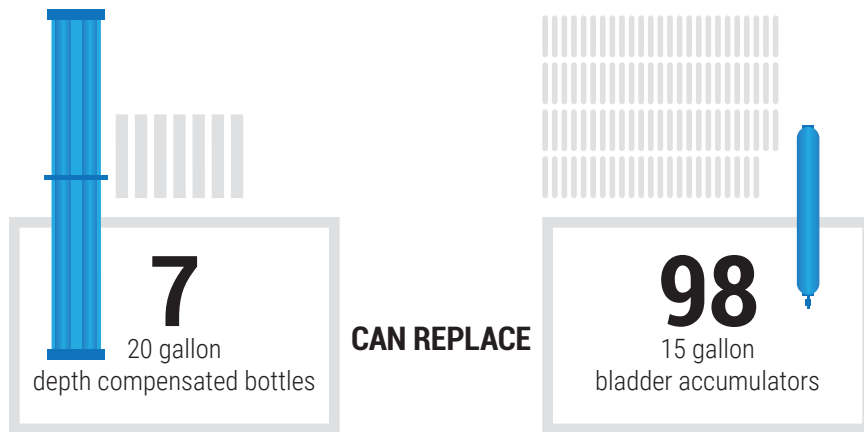
**DCBs can reduce
subsea accumulator weight over 40%**

REDUCE THE NUMBER OF BOTTLES

- » Less space required and lower weight on subsea systems
- » Available pressure and volume remain constant from 4,000 to 20,000 ft.
- » Lower pre-charge pressure allows for safer operations
- » Lower complexity and maintenance than other options for increasing volume

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In some cases DCBs can reduce the number of bottles by over **90%**



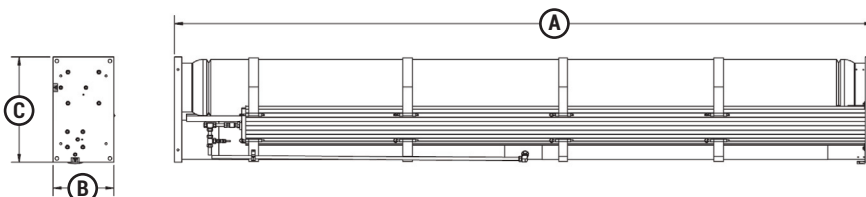
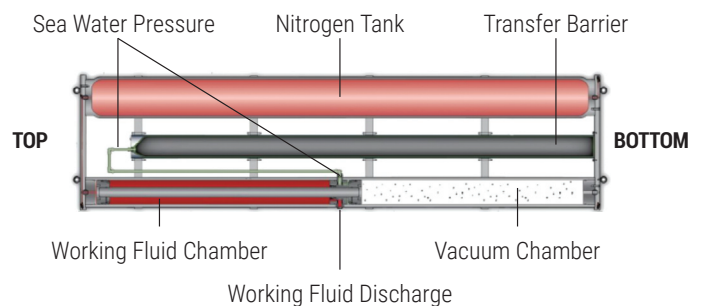
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Proven Rugged Design and Construction provides:

- » Reduced weight and space on the BOP and subsea systems
- » Same pre-charge at various depth, reduces non productive time and minimizes personnel intervention
- » Improved stack equipment access
- » Most efficient subsea accumulator
- » Maintains performance regardless of depth
- » Reduced BOP maintenance
- » Greater flexibility at various depths
- » Reduces nitrogen usage

5000 psi rated; other pressures available.
Other sizes available.

Depth Compensated Bottle (DCB) Layout



RPOG PN	Size (gallons)	A	B	C
198051-02-01	10	150	14	33
198051-01-01	17	150	19.5	34
198051-01-02	20.6	175	19.5	34
198051-01-04	25.8	210	19.5	34
198051-01-03	28	225	19.5	34

CHOOSE THE MOST EXPERIENCED MANUFACTURER

- » Proven design with high installation base of over 500 worldwide
- » Zero field failures in 10 years
- » Largest standard available size range
- » DNV & ABS Type Approved (ASME Certified)
- » U.S. manufactured with stocked parts

LET US SHOW YOU HOW DCBs CAN LOWER YOUR COSTS

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