

Hydril® 18-15 Fast Shear

<4 second shearing to accelerate emergency disconnect sequence and improve watch circles

Product Description

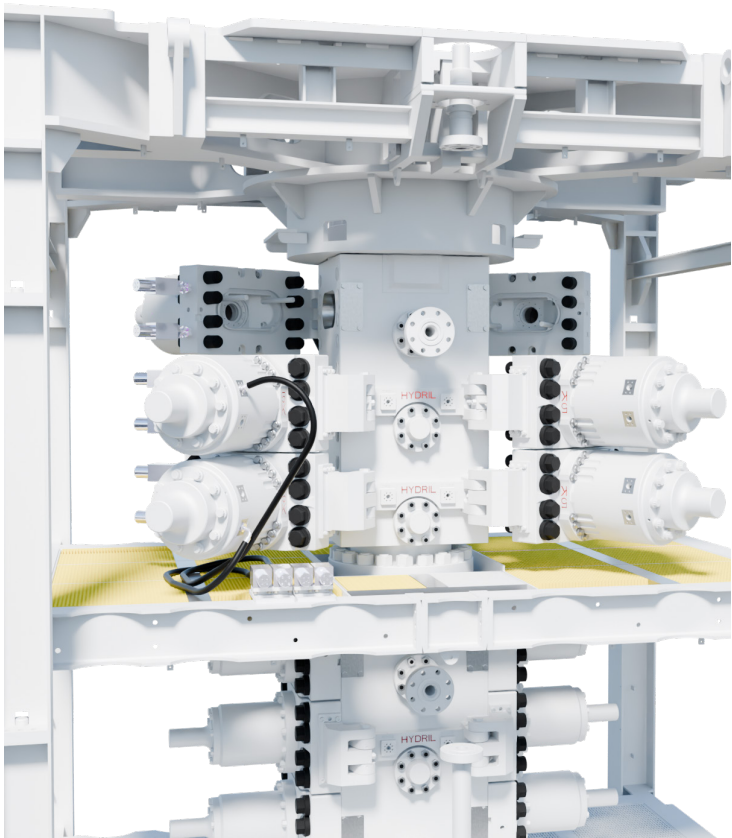
Fast Shear delivers a step-change in shear-and-seal time without a new BOP. By increasing flow paths and adding larger valves to BOP equipment, HMH has significantly reduced close and shear times. Faster shearing benefits the emergency disconnect sequence and enables drilling in a broader range of met-ocean and water depth conditions with a dynamically positioned vessel.

Key Features

- Achieve <4 second closure with simple controls and bonnet modifications
- Retrofits onto existing 22 inch 5K operators
- Control logic is built from standard, available valve technology — no new supply chain items
- 52 closures with successful wellbore pressure hold
- Speed function testing, accumulator sizing, and hydraulic simulation analysis performed
- Verified blades, seals, and MPLs withstand speed closures

Qualification

- API Valves - qualified to API 16D 3rd Edition and currently used in the fleet
- API Std 53 - Complies with BOP function and pressure test requirements per API Std 53 5th Edition; the system is fully testable in the field
- API 16A cycle test - verified 52 closures
- No new qualification required



Sheared in Under 4 Seconds	
Ram	Tubular
WBSR-X*	5-1/2" S-135 24.5#
	6-5/8" V-150 50#
	10-3/4" Q-125 85#
	14.15" TN140HC-RY 127#

*Not limited to WBSR-X. Retrofit will be the same for other ram blocks

