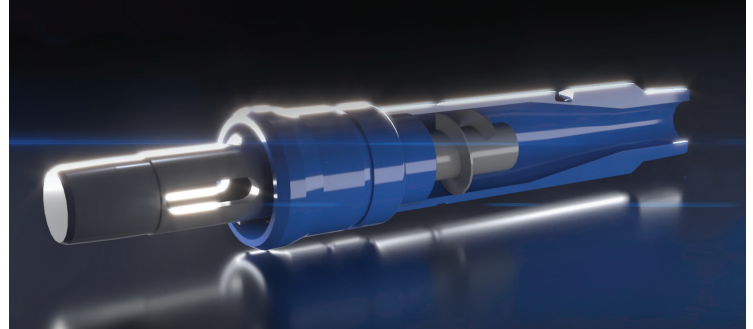


Cyclone™ ESP

Eliminating failures for artificial lift systems resulting from sand, solids, and abrasives is now possible with Multilift Solutions Cyclone™ sand separator. With new elements providing improved operation efficiency and higher durability, Cyclone™ delivers fail-safe features to keep your operations and equipment running smoothly and efficiently.



Artificial Lift Expertise with Real-World Results

With years of experience and over thousands of installations, Multilift Solutions has become the industry leader in sand management for artificial lift with the SandGuard™ and Cyclone™ Sand Management System. With help from our technology, artificial lift systems are not only able to operate in harsher environments that were previously unachievable, but are also able to achieve significantly longer run life, more efficient operation and much lower costs associated with component replacement and workover costs.

KEY FEATURES

- Incorporates two methods for imparting centrifugal force on the production stream, creating one of the most efficient solids and abrasives separator systems available in the market.
- New upgraded packing element for increased longevity and durability during installation and retrieval
- New fail-safe features prevents erosional failure of equipment and extends run life
- No moving components
- Multiple pulls and installs
- Simple installation process
- Simple redress option available

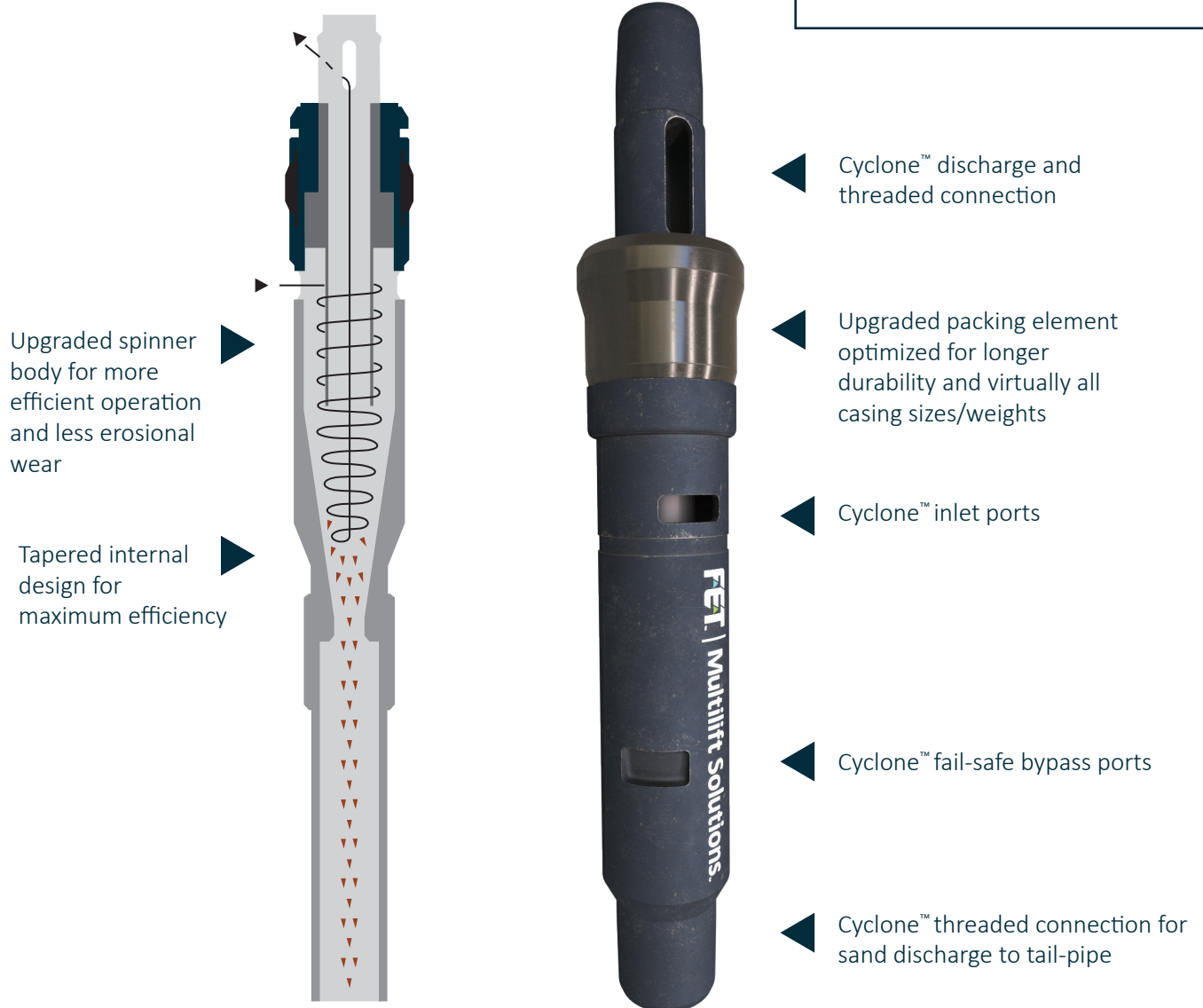
	ONE SIZE FITS ALL	ONE SIZE FITS ALL		
	<u>Flow Rates</u>	<u>Casing Weight</u>	<u>Multiple Reuse</u>	<u>Easy to Install</u>
Cyclone™	✓	✓	✓	✓
Other De-Sanders	×	×	×	×

Achieve more artificial lift protection and efficiency with the Cyclone™ sand management system.

- Separates solids and sand before entering production equipment
- Significantly extends run life of artificial lift and downhole equipment
- Reduces or eliminates workover costs
- Reduces or eliminates replacement costs of failed equipment
- Maximizes uptime and production

Artificial Lift Expertise with Real-World Results

- Thousands of installations
- Proven run life extension for critical ESP equipment
- Standardized design allows for installation in virtually any casing size and flow rates



Upgraded spinner body for more efficient operation and less erosional wear

Tapered internal design for maximum efficiency

Cyclone™ discharge and threaded connection

Upgraded packing element optimized for longer durability and virtually all casing sizes/weights

Cyclone™ inlet ports

Cyclone™ fail-safe bypass ports

Cyclone™ threaded connection for sand discharge to tail-pipe