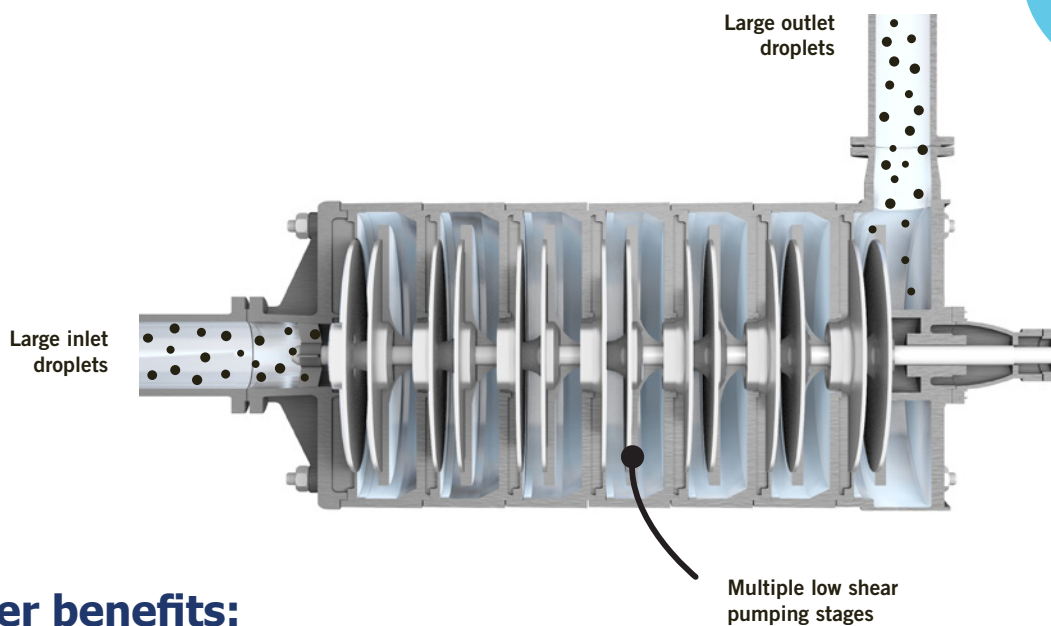
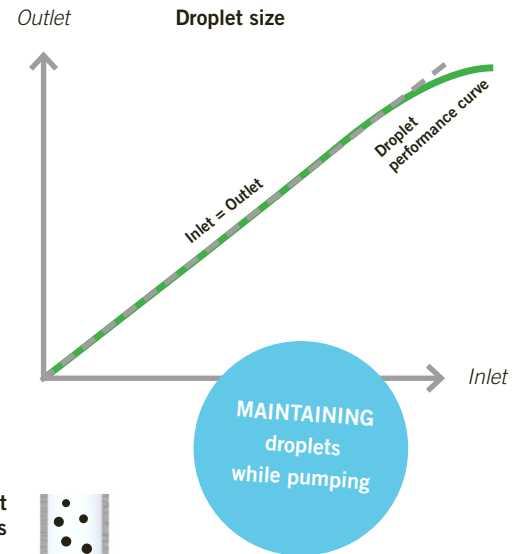


TYPHONIX LOW SHEAR PUMP

By controlling the level of turbulence in a pumped flow, droplet breaking is avoided. Typhonix provides highly hydraulic efficient Low Shear multistage centrifugal pumps for produced water and other petroleum applications.



User benefits:

- Energy efficient produced water treatment and increased capability to handle process upsets and variations in produced water quality.
- Cleaner produced water and reduced oil and chemical discharges to the sea.
- Increased reliability, reduced maintenance and increased lifetime compared to positive displacement pumps.
- No noise protection enclosures and no pressure relief valve systems (normally required for positive displacement pumps).
- Smaller and lighter than eccentric screw pumps.
- High hydraulic efficiency.

Type designation:	Low Shear multistage centrifugal pump
Typhonix Model:	HZAR - Low Shear
Capabilities:	25 - 400 m ³ /h 3 - 20 bar
Specification:	API STD 610
In preference to:	Progressive cavity pumps - Eccentric screw - Twin screw - Lobe - Piston Single-stage centrifugal pumps
Typical application:	- Produced water - Drain/Slop water - Reject streams - Other mixed flow process streams