

# LONG COUPLED SPLIT CASE PUMPS

## - LS, LSV

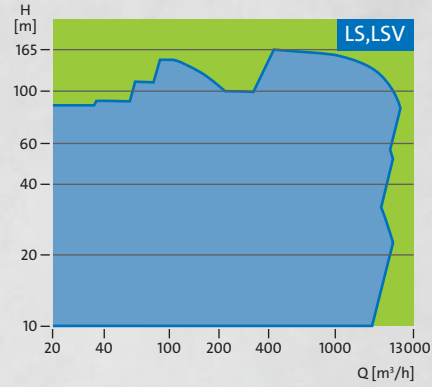
These are single-stage, non-self-priming, between bearing, centrifugal volute pumps. The axially split design allows easy removal of the top casing and access to the pump components without disturbing the motor or pipework. The compensated double-volute design virtually eliminates radial forces on the shaft and ensures smooth performance throughout the entire operating range

### Benefits

- High energy efficiency and low life-cycle costs
- Extended service life
- Low noise and vibration
- Low NPSH requirement
- Easy access to pump internals without disturbing the motor or pipework

### Technical data

- Flow, Q: max : 12000 m<sup>3</sup>/h
- Head, H: max : 165 m
- Liquid temperature : -15 to 120°C
- Working pressure : 16 / 25 Bar
- Discharge sizes : 2" to 30"
- Motor rating : 1.5 - 600 kW



# SINGLE-STAGE VERTICAL INLINE PUMPS

## - TP

These pumps are single-stage, close-coupled pumps with in-line inlet and outlet ports of identical diameter. Is of top pull-out design, motor, pump head and/or motor stool and impeller can be accessed for service without disturbing pipework

### Benefits

- Optimised hydraulics for high efficiency
- Reduced power consumption
- High levels of reliability and efficiency from the quiet, highly-efficient IE3 motors
- Top pull out design

### Technical data

- Motor size: 0.18 - 630 kW
- Flow rate (Q): 4500 m<sup>3</sup>/h
- Head (H): 168 m
- Liquid temperature: -35 to +140 °C
- Discharge diameter: DN 32 - DN 400
- Maximum system pressure: 25 bar
- Maximum hydraulic efficiency: Upto 87%

### Applications

- Air-conditioning systems
- Industrial Cooling systems
- Wash-down systems
- Water distribution

