

End Suction Split Coupled Pump

GRUNDFOS LCSE

The Grundfos LCSE end suction, split coupled pump with integrated motor, drive, and control serves as the industry standard in performance, quality, and durability. With a selection of 21 sizes available, the LCSE provides all the benefits of an LCS pump, enhanced by an integrated motor and variable frequency drive, all made by one supplier.

Key Features and Benefits

- Plug-and-pump solution speeds installation, commissioning and startup due to integrated components
- Provides seamless integration with Grundfos MLE integrated motor, drive and control for an all-in-one solution
- No baseplate grouting required
- Axially split, rigid coupling enhances ease of service with reduced maintenance costs
- No alignment required between the pump and motor eliminates laser alignment costs and reduces installation time
- Optimized, space-saving design has 35% smaller footprint than frame mount design
- Spacer coupling allows rapid mechanical seal access without motor removal for service friendly design
- Vesconite case wear rings extend pump life and increase efficiency
- Double volute design increases lowers life cycle costs and prolongs seal and bearing life
- Francis Vane impeller design increases efficiency and reduces NPSH required
- Reduced installation and wiring cost
- Integrally cast diffuser vane reduces turbulence and need for suction guides
- Trimmed and balanced impellers allow customization, reduce noise and vibration for quiet operation and prolong seal and bearing life
- Large seal chamber allows various seal configurations and customization
- Grundfos GO lets you use your smart phone to access interface, regardless of pump location
- Single source responsibility ensures one manufacturer for pump, motor, drive and control



APPLICATIONS

- Chilled water
- Condensed water
- Hot water
- District heating/cooling
- HVAC
- Process water
- Light industrial
- Water utility

LCSE Technical Data

LCSE Information	
Flow, Q	max. 1900 gpm
Head, H	max. 380 ft
Fluid temp.	10° to 275° F
Working pressure	max. 175 psi*
HP range/Speed	3 to 30 Hp/3600 RPM
	3 to 25 Hp/1800 RPM
Discharge sizes	1 to 6 in.

* 250 psi rating available

