

# Compact Vertical Split Case Pump

## KPVS

The KPVS incorporates the best of all worlds—vertically mounted motor for reducing the mechanical space footprint, easy access to seal and internal components without ever needing to remove the motor, and no field alignment necessary.

### Smaller footprint and smaller piping requirements

A KPVS 8015 will cover the same range as a 10" inline pump. The flange-to-flange dimensions on the KPVS 8015 is 38 inches. The equivalent flange-to-flange dimension for the vertical inline is 48 inches. The KPVS 8015 is a 10 inch suction and a 8 inch discharge, meaning that the discharge piping is one-size smaller than the equivalent vertical inline.

### Between bearing design

The KPVS is still a splitcase at heart, with all the strength of the between bearing design. The double volute design reduces loads and leads to better overall performance.

### Improved maintenance

Never a need to remove the motor—even when replacing the impeller or entire rotating assembly. How do you get access to the entire rotating assembly of the KPVS? The motor will never have to be removed, the split case housing can be removed without ever having to break the motor free.



### KEY FEATURES AND BENEFITS

- Best servability of any vertical pump in the market
- Exceptional efficiency in a space saving design
- Double suction design reduces axial forces by directing flow into both sides of the impeller
- Easy access to shaft seal with the split coupling and removable bearing
- Lower sleeve bearing reduces maintenance costs by eliminating the need for a lower mechanical seal
- Hydraulic double volute design reduces radial loads, internal recirculation and turbulence, resulting in a longer pump life span and a higher operation efficiency
- Included pump stand holds the weight of the pump

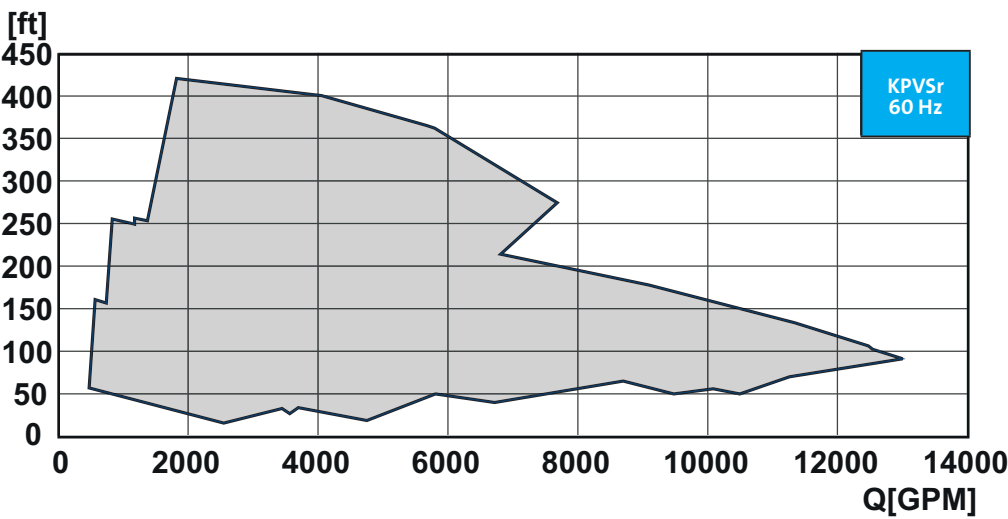
### APPLICATIONS

- Chilled water
- Condensed water
- Service water
- District energy
- Water distribution
- Central plant heating/cooling

TECHNICAL DATA

KPVS	
FLOW, Q:	max. 13,000 gpm
HEAD, H:	max. 420 ft
LIQUID TEMPERATURE:	-20°F to 275°F
WORKING PRESSURE:	max. 300 psi

PERFORMANCE DATA



Flange to flange footprint of KPVS is less than comparable vertical inline pumps, meaning the smallest footprint in the space.

Visit [grundfos.us/pei](http://grundfos.us/pei) to learn more about Department of Energy (DOE) pump energy index (PEI) requirements and PEI ratings on specific Grundfos models.