

Self Priming Pumps

PEERLESS SERIES 8796

The Peerless 8796 Series self priming pumps are manufactured for a wide range of flow and head requirements and meet the latest ASME specifications .

Key Features and Benefits

- Designed to handle acids, chemicals, or volatile liquids, and will lift such liquids from a depth of up to 20 ft without the aid of foot valves, check valves or auxiliary pumps
- Self-priming casing design permits the pump to maintain a prime, as well as to expel any air in the suctioned liquid via the self-venting top centerline discharge
- Unique two piece pull-apart casing allows for quick replacement of the inner volute; the inner volute itself can be provided in a variety of wear-resistant materials, such as CD4MCu
- Impellers are a fully open design that resist clogging and shear is reduced, resulting in lower losses when pumping viscous fluids; impellers are optionally available in keyed and bolted design
- Bearing frame is coated internally to ensure zero contamination of the oil or bearings from the inside, providing both static and dynamic sealing to protect bearings from environmental contamination
- The shaft is available in both solid shaft construction or with a sleeve, and features a threaded area that is protected against corrosion with an O-ring seal on the impeller
- Integral back pump out vanes reduce stuffing box pressure, prolonging mechanical seal or packing life



APPLICATIONS

- Industrial process
- Volatile liquid handling
- Chemical transfer

Series 8796 Technical Data

Series 8796 Information	
Flow, Q:	max. 700 gpm (159 m ³ /h)
Head, H:	max. 420 ft. (128 m.)
Liquid temp.:	max. 500°F (260°C)
Operating pressure:	max. 375 psi (2586 kPa)
Horsepower:	max. 40 hp (30 kW)

