

Vickers® by Danfoss H-Series Square Vane Pump

V10H / V20H / V2010H / V2020H



Higher pressure, elevated performance

With an increased pressure rating up to 204 bar (3000 psi) and all the advantages of Vickers vane pump technology, the new H-series square vane pumps open the door to new applications. Whether in heavy-duty industrial machinery or mobile applications, these versatile pumps are engineered for efficiency and performance while enduring the toughest operating conditions.

Leveraging decades of vane pump engineering experience, the pressure-balanced, 12-vane design reduces flow pulsations and noise, while extending pump life and improving serviceability. In addition, optional integrated flow control valves help simplify system design and installation.

Send inquiries to industrialpumpsupport@danfoss.com

Features

- High Performance – Engineered for higher pressure (up to 204 bar) and high speed applications
- Unmatched durability – Built with a field-proven design and build materials, for years of service in the most rugged applications
- Compact size – Compact size and weight make these pumps suitable for applications where space is limited
- Reduced contamination – Square pumps are more resistant to small levels of contamination, increasing reliability
- Energy savings – Square pumps are highly efficient, which can contribute to a decrease in energy and operational costs

Specifications

- Technology - Vane
- Displacement - 3-42 cc (0.2-2.6 cu in)
- Continuous pressure rating - 204 bar (3,000 psi)

Markets/Applications

- Small power units
- Power steering
- Small presses
- Lift trucks
- Balers
- Skid steerers
- Fan drives
- Sweepers
- Charge pumps
- Recirculation applications