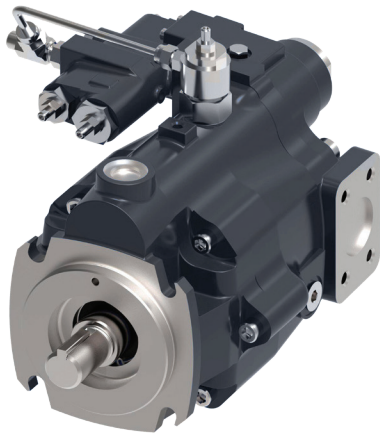


Vickers® by Danfoss

PVM Series Open Circuit Piston Pump

Design Code B



Pumped up **performance** and **availability**

Vickers by Danfoss PVM series open-circuit piston pumps lead the industry in noise reduction, compact size and pressure rating. Engineered to take this renowned performance and reliability to new heights, the Code B design delivers enhanced components and features for maximum life and productivity. In addition, the new design standardizes housing and components to simplify manufacturing processes and reduce lead times.

New design enhancements

- High pressure shaft seal standard - longer life, minimize leakage risk
- New piston material - longer life
- Enlarged case port - better case draining
- Standardized design - better lead times

Features

- Quietest piston pumps in class
- Compact design delivers more power in less space
- Up to 4,000 psi continuous pressure
- High load bearings rated at up to 28,000 hours
- Saddle-type swash-plate with steel-backed polymer bearing for improved life
- Optional power control helps the machine use power more accurately
- Variable-speed technology generates power far more efficiently than fixed-speed pumps
- Better energy efficiency eliminates the need for costly, energy-consuming cooling equipment

Specs

- Technology - Axial piston
- Displacement - 18-141 cc (1.1-8.6 cu in)
- Continuous pressure rating - 315 bar (4,600 psi)

Marine Certifications

- Lloyd's Register- LR
- China Classification Society – CCS
- American Bureau of Shipping – ABS
- Det Norske Veritas – DNV

Markets/Applications

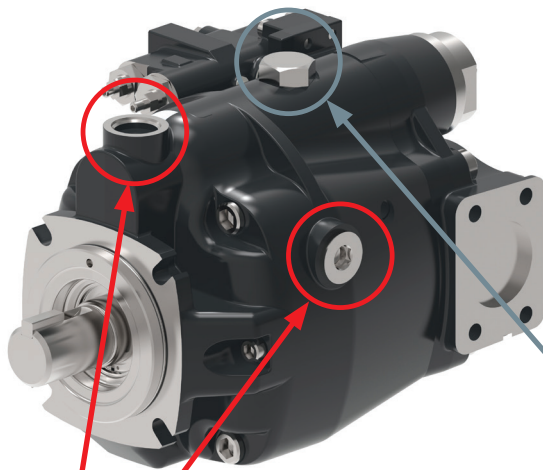
- Metal cutting
- Oil & gas
- Processing
- Mining
- Marine
- Energy

Code B highlights

Available controllers

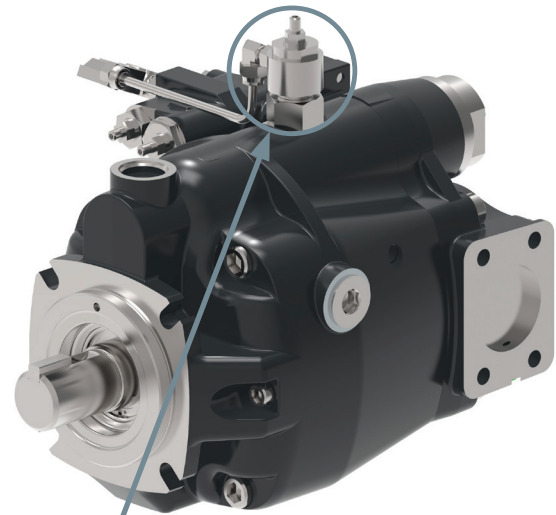
- Pressure compensator
- Load sense compensator
- Industrial compensator
- Power limiter
- Torque control

With Load Sense control



- Case drain port size increased
- Plug + O ring available as service kit for conversion from code B to code A to match existing customer piping connections.

With Torque control



- Threaded hole for TC valve made as standard feature on housing (avoid part proliferation)
- Plug + O ring available as service kit for conversion from L controller to other controllers.
- Conversion from base pump made easier!