

Fact Sheet

# 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 control piston and sleeve 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 4,600 psi continuous pressure
- High load bearings rated at up to 8,000 hours
- Saddle-type swashplate 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 efficiency allows downsizing of expensive cooling system needs

#### Specs

- Technology Axial piston
- Displacement 10-141 cc (.61-8.6 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

Processing

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- Oil & gas
- Marine

Mining

Energy

by Danfoss

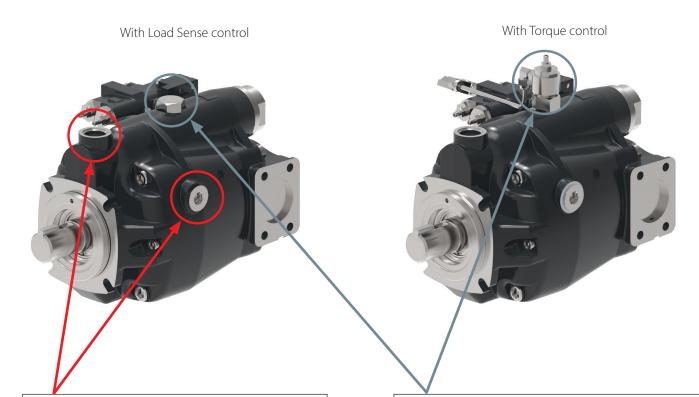
### <u>Danfoss</u>

#### **PVM Series Code B Piston Pump**

#### Code B highlights

#### Available controllers

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

- 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!



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