ENGINEERING TOMORROW

Data Sheet

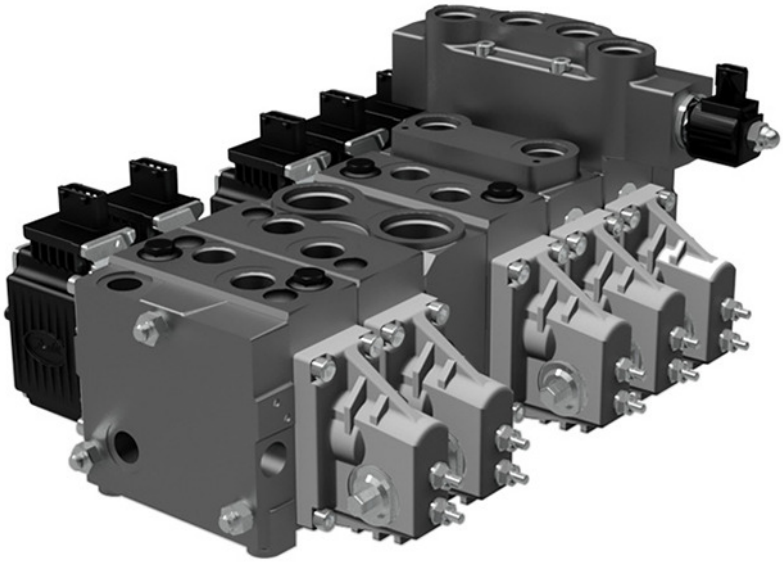
PVG 16 and 32
Mid-inlet pump module type PVPM

PVG is a hydraulic, load-sensing proportional valve, designed for optimal machine performance and maximum design flexibility.

The PVG valve design includes a modular concept that enables machine designers to specify a valve solution across multiple product lines as a result in optimized and custom valve solutions across multiple applications.

The load independent proportional control valve and high performance actuator technology combined with a low pressure drop design improves the machine performance and efficiency—Increasing productivity and reducing energy consumption.

PVPM is a known inlet module for PVG 16 and 32 valve assemblies for applications requiring mid-inlet option. PVPM has been optimized for increased flexibility and ease of valve assembly.



Features

PVPM mid inlet module

- P- and T- connection
- Works with and without T0
- Shock and anti-cavitation (PVLP/PVLA)
- Standard LS shuttle network
- Easy integration with PVG 16 and PVG 32
- No need for PVB option mounting

Features enabling

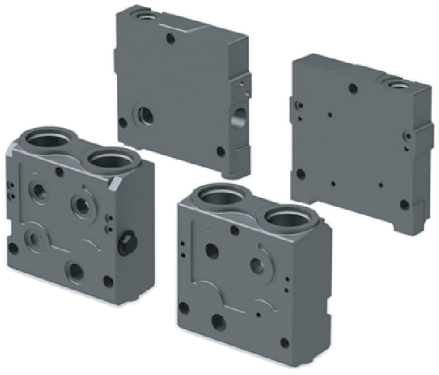
- Closed center configuration with start plate
- Open center configuration with PVP
- LS dump valve (PVPX) with PVP

PVSI start plate (endplate)

- New PVSI including pilot pressure
- Internal T0 via orifice to tank
- External T0 (optional)
- LS port connection

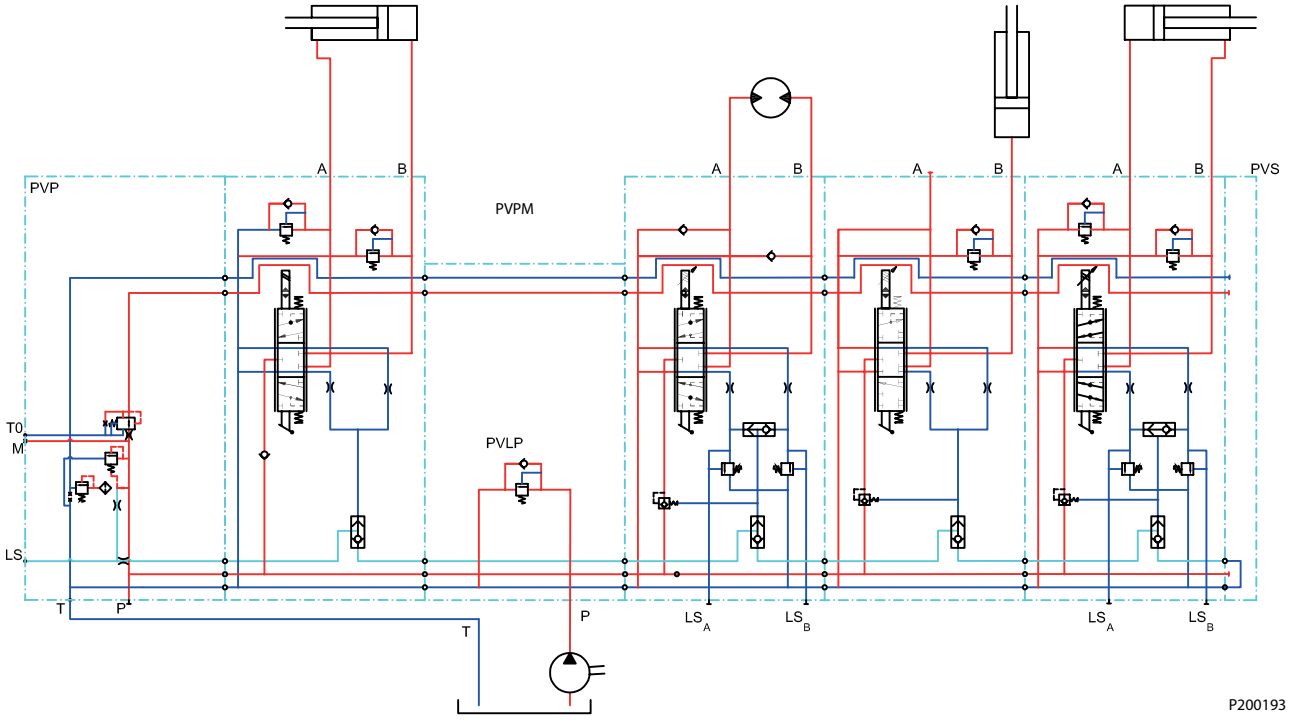
Control options

- PVH—Hydraulic pilot control
- PVHC—High current control
- PVE—Electrohydraulic control
- CANbus— PVED for PVG 32 and PVE-CI for PVG 16

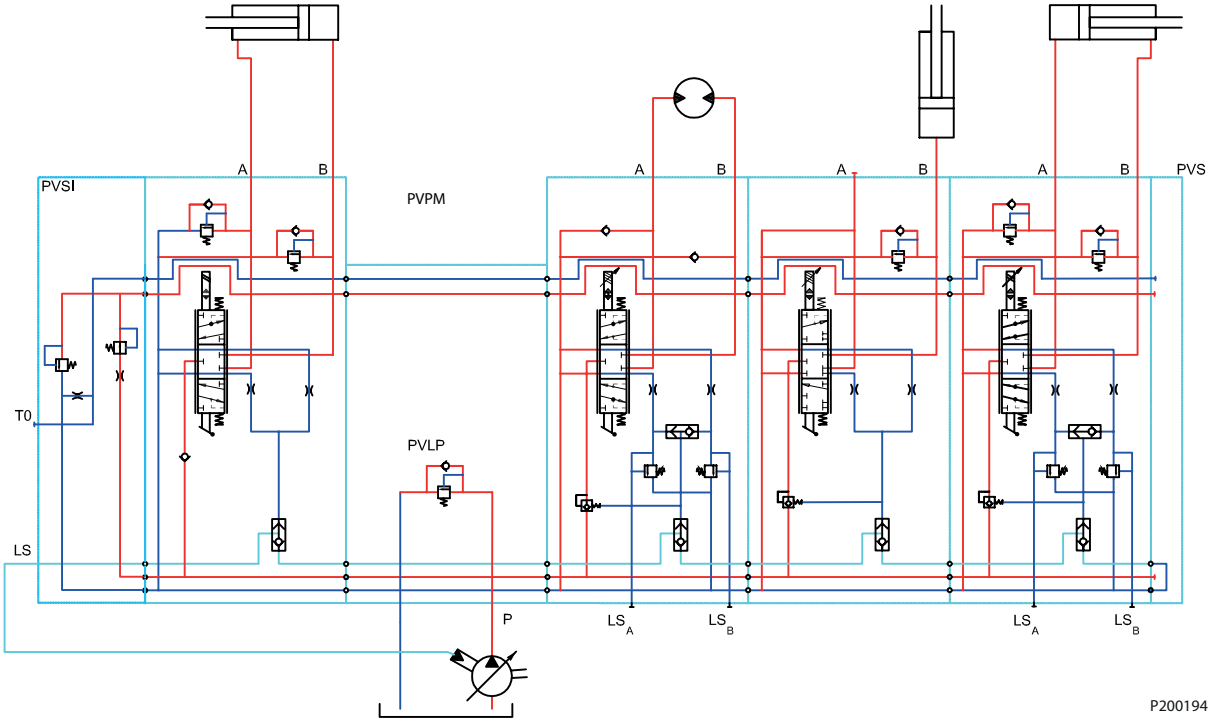


Comprehensive technical literature online at *powersolutions.danfoss.com*

PVPM mid inlet example with PVP Inlet and fixed displacement pump (open center)



PVPM mid inlet example with PVSI endplate module and variable displacement pump (closed center)



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