

Data Sheet

Module

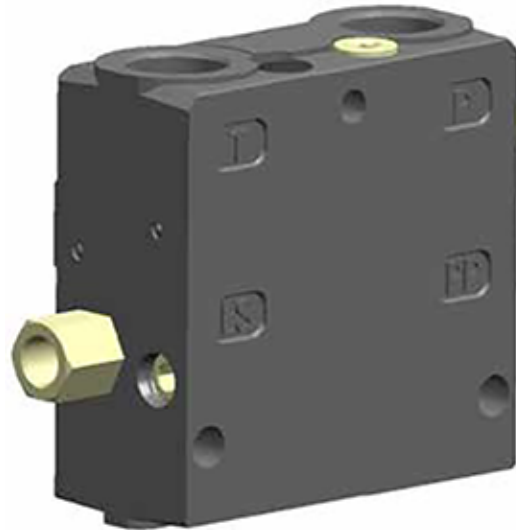
PVP OC/CC

The PVG 32 inlet program now offers an inlet module with selectable Open Center/Closed Center configuration in same module.

The module directs itself to application with a PVG valve fitted but where the pump type is not determined by the machine builder. A typical application could be an agricultural attachment.

The pump type will be determined by the tractor pulling the attachment and the valve inlet can easily be changed to fit the pump.

For systems with LS leak/bleed-off and long LS lines the module is also available with an unique integrated LS boost functionality to ensure fast and prompt reaction.



Features

- Maximum system pressure relief setting
- Integrated pressure matching spool
- Integrated pilot oil pressure supply for PVE
- Possibility to switch from Open Center to Closed Center or vice versa externally on application using hex key
- Possibility for integrated LS boost to compensate for LS bleed-off and leakage

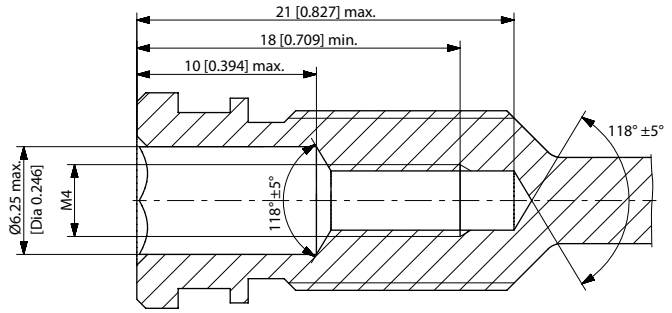
Versions available:

| Code number | Thread | LS compensation | Pilot supply |
|-------------|--------|-----------------|--------------|
| 11119094 | BSP | No | For PVE |
| 11119095 | UNF | No | For PVE |
| 11093273 | BSP | Yes | For PVE |
| 11131344 | BSP | Yes | For PVH |

Comprehensive technical literature online
at powersolutions.danfoss.com

Technical Data

| | | |
|-----------------------|---------------------------|-------------------------|
| Maximum pressure | P-port continuous | 350 bar [5075 psi] |
| | P-port intermittent | 400 bar [5800 psi] |
| | T-port static/dynamic | 25/40 bar [365/580 psi] |
| Oil flow rated P-port | 140 l/min [37 US gal/min] | |

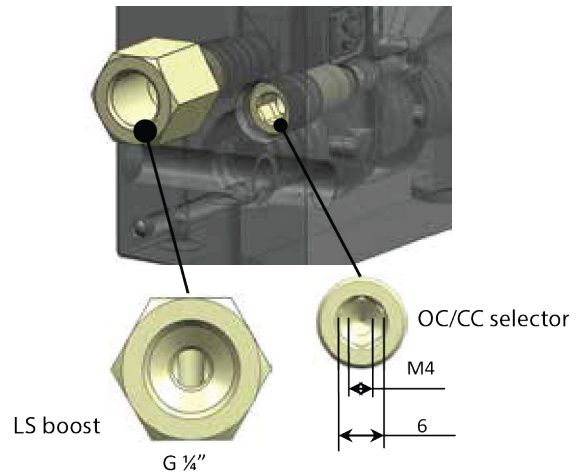


OC/CC selector

Changed using a 6 mm hexagonal key.

Turned clockwise (screw in) equals **Open Center configuration**. The oil then flows from the pump through the P-port in the PVP OC/CC module across the main spool to tank. The oil led across the pressure adjustment spool determines the pump pressure. When one or more sections in the valve stack is being actuated, the highest load pressure is fed to the spring chamber behind the pressure adjustment spool and completely or partially closes the connection to tank.

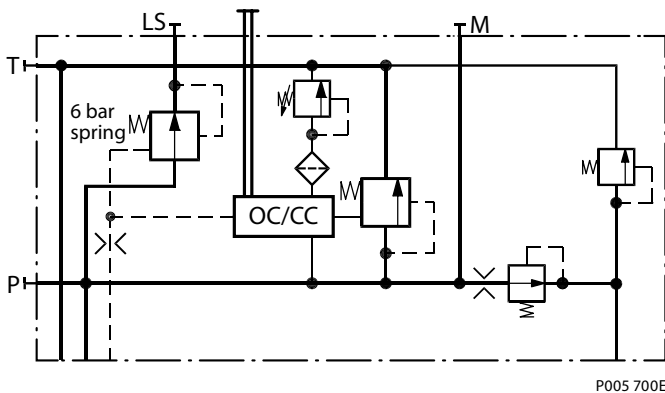
Turned counter-clockwise (screw out) equals **Closed Center configuration**. The oil still enters through the P-port in the PVP OC/CC module but the pressure adjustment spool will only open to tank when the P-channel pressure exceeds the setting of the pressure relief valve. The LS signal is led to the pump regulator through the LS-port connection.



LS boost

The LS to the pump regulator can be increased by using an integrated LS boost. The LS signal coming out of the plug will then be 6 bar higher than the actual LS pressure in the valve stack.

Schematic



Danfoss can accept no responsibility for possible errors in catalogues, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.