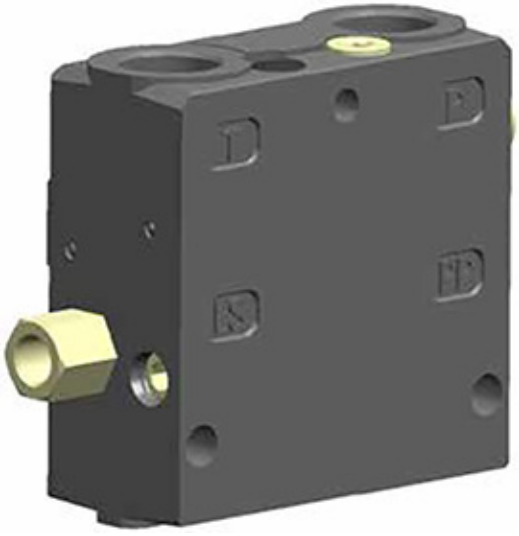
ENGINEERING TOMORROW

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

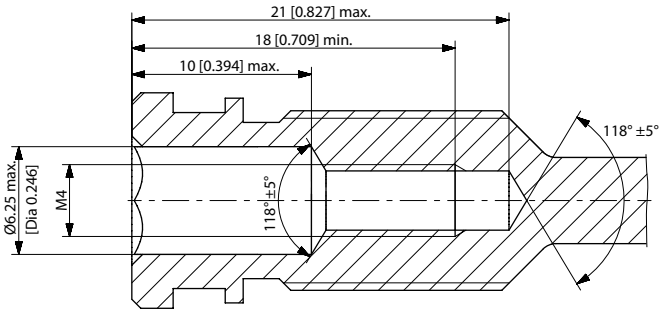
Versions available:

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]

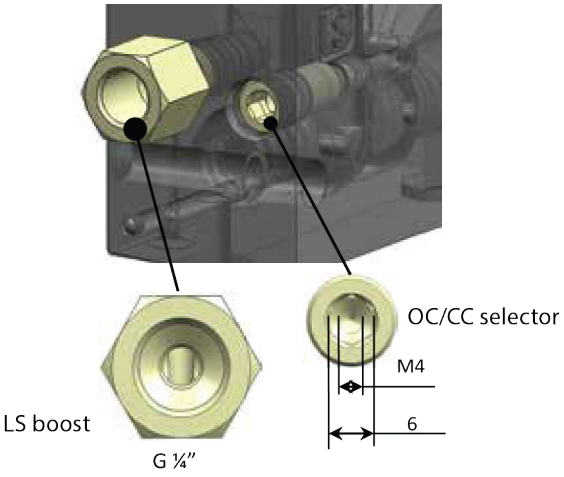


OC/CC selector

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 he 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 enter though 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 comming out of the plug will then be 6 bar higher than the actual LS pressure in the valve stack.

Schematic