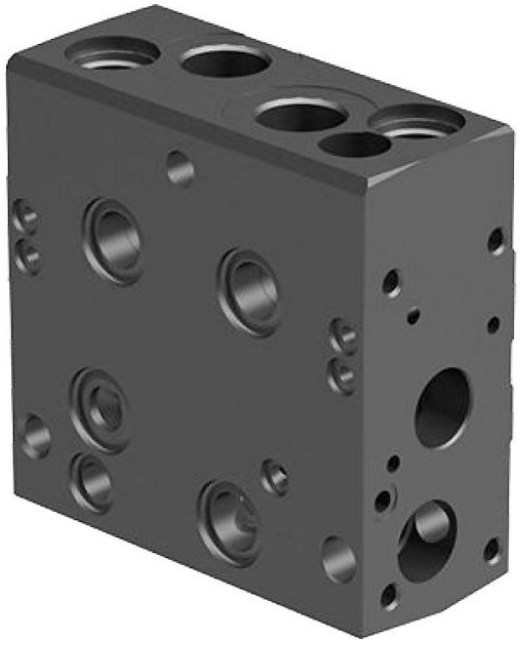
# Constant Pressure Module
# PVB



The PVB constant pressure module is a new addition to the proven PVG 32 valve family.

The PVB is a basic module with up to 130 l/min work port flow and a work port pressure rating of 350 bar. The PVB is designed for integration with PVLP shock- or anti-cavitation valves.

The constant pressure module is the first of its kind providing an integrated sectional valve solution with the ability to apply constant work port pressure.

Special patented compensator feeds or relieves work port flow to tank depending on work port load situation.

The PVB module can be applied in variety of applications where control of constant work port pressure is needed. These applications include:

- Trencher and Mounders (Forestry)
- Harvesting Heads (Forestry)
- Snow groomer
- Soil preparation compactors (Agriculture)

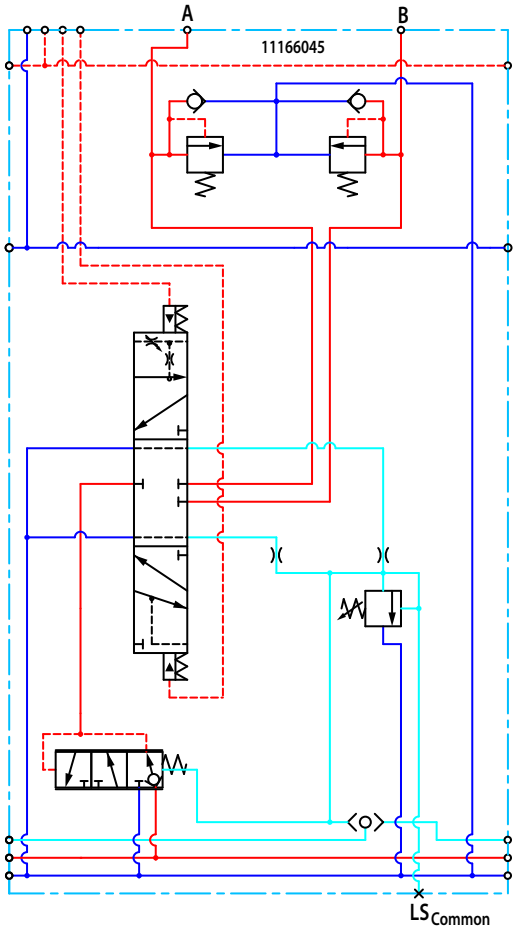
**Features**

- Enables simple integrated function to maintain constant work port pressure
- Can be combined with any PVG 16/PVG 32 T0 valve configuration
- Proportional maximum pressure setting determined by PC spool
- Integrated Load Sense relief to set maximum port pressure (Common $LS_{AB}$)
- Maximum pressure A/B port 400 bar
- Dedicated Pressure Control (PC) spools to match application requirements
- PC spool position proportionally controls work port pressure
- PC spool characteristics to match application (flow and pressure demand)

Comprehensive technical literature is online at *powersource.danfoss.com*.

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## Constant pressure module PVB




## Ordering information

| Part number | A/B-port | LSa-port | T0 |
|---|---|---|---|
| **11166045** | G1/2 BSP | G1/4 BSP | Yes |
| **11186267** | 7/8-14 UNF | 1/2-20 UNF | Yes |
| **11216266** | G1/2 BSP | G1/4 BSP | - |
| **11216270** | 7/8-14 UNF | 1/2-20 UNF | - |

### Part numbers for Symmetric Pressure Control Spools

100 bar pressure.

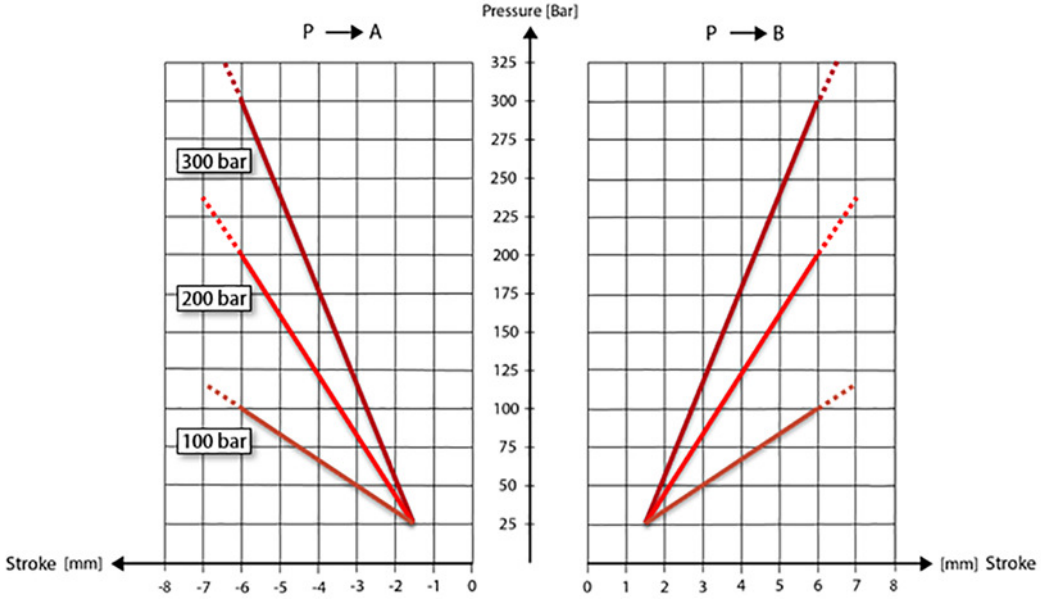
| Part Number | Actuation | Function in neutral | Flow- l/min [us gal/min] | | | |
|---|---|---|---|---|---|---|
| | | | A → T | P → A | P → B | B → T |
| 11200910 | PVE | Closed | 5 [1,3] | 5 [1,3] | 5 [1,3] | 5 [1,3] |
| 11200891 | PVE | Closed | 25 [6,6] | 25 [6,6] | 25 [6,6] | 25 [6,6] |
| 11190544 | PVE | Closed | 65 [17,2] | 65 [17,2] | 65 [17,2] | 65 [17,2] |

200 bar pressure.

| Part Number | Actuation | Function in neutral | Flow- l/min [us gal/min] | | | |
|---|---|---|---|---|---|---|
| | | | A → T | P → A | P → B | B → T |
| 11196005 | PVE | Closed | 5 [1,3] | 5 [1,3] | 5 [1,3] | 5 [1,3] |
| 11197755 | PVE | Closed | 25 [6,6] | 25 [6,6] | 25 [6,6] | 25 [6,6] |
| 11190909 | PVE | Closed | 65 [17,2] | 65 [17,2] | 65 [17,2] | 65 [17,2] |

300bar pressure

| Part Number | Actuation | Function in neutral | Flow- l/min [us gal/min] | | | |
|---|---|---|---|---|---|---|
| | | | A → T | P → A | P → B | B → T |
| 11227470 | PVE | Closed | 5 [1,3] | 5 [1,3] | 5 [1,3] | 5 [1,3] |
| 11227386 | PVE | Closed | 25 [6,6] | 25 [6,6] | 25 [6,6] | 25 [6,6] |
| 11190509 | PVE | Closed | 65 [17,2] | 65 [17,2] | 65 [17,2] | 65 [17,2] |




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