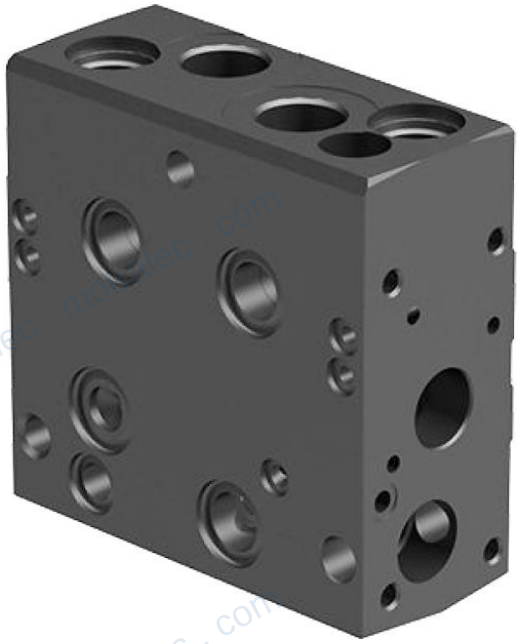
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Data Sheet
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Constant Pressure Module
PVB



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)

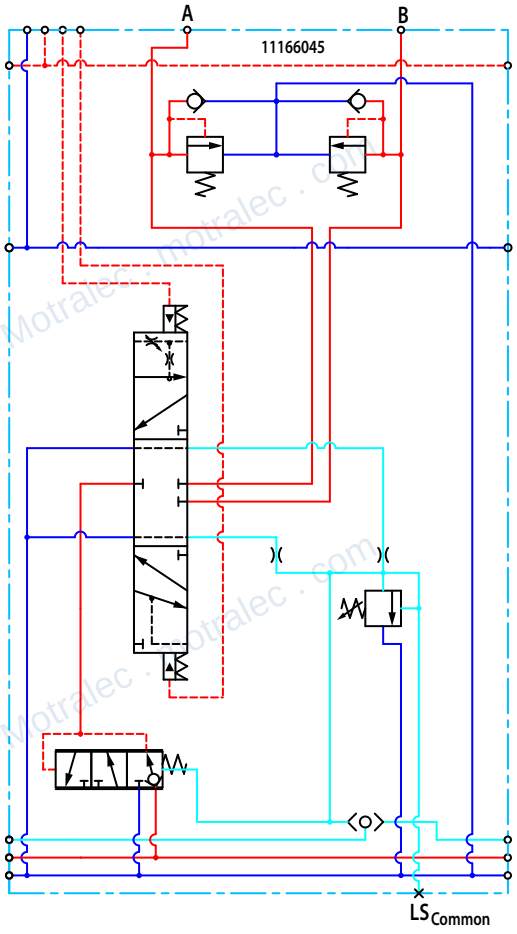
Features

- 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.

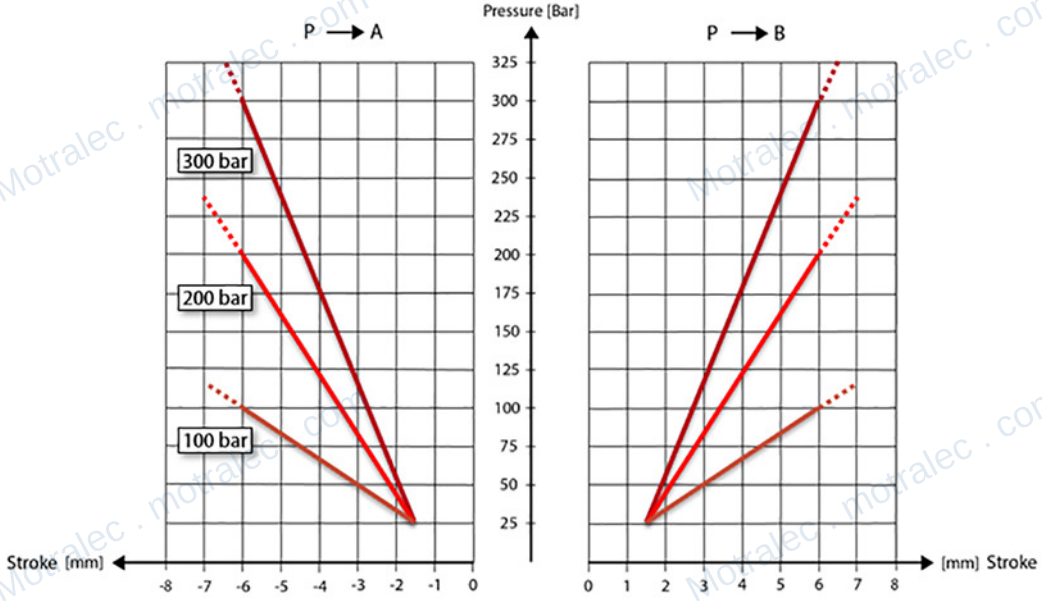
Part Number	Actuation	Function in neutral	Flow- l/min [us gal/min]			
			A → T	P → A	P → B	B → T
11200910	PVE	Closed	5 [1,3]	5 [1,3]	5 [1,3]	5 [1,3]
11200891	PVE	Closed	25 [6,6]	25 [6,6]	25 [6,6]	25 [6,6]
11190544	PVE	Closed	65 [17,2]	65 [17,2]	65 [17,2]	65 [17,2]

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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