

# Comatrol

RESPONSIVENESS IN MOTION

Member of the Danfoss Group

## MVB10-IF



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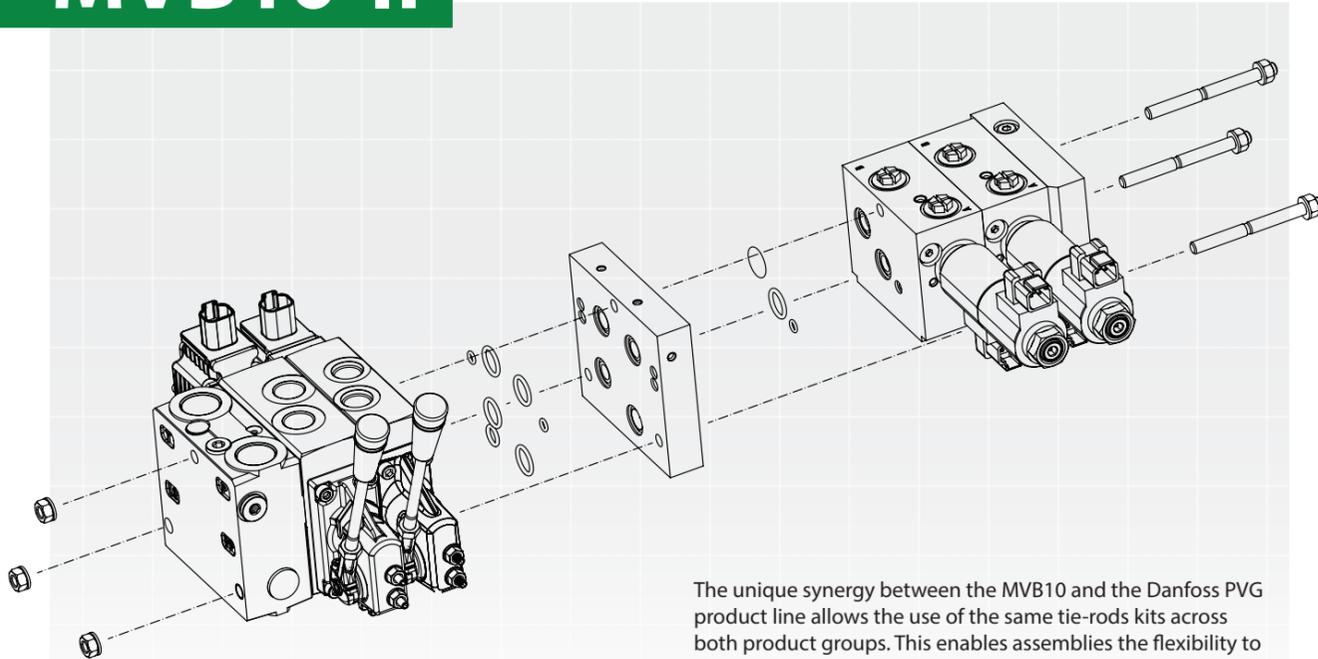
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# MVB10

Modular Valve Block

PVG32/16 INTERFACE MODULE

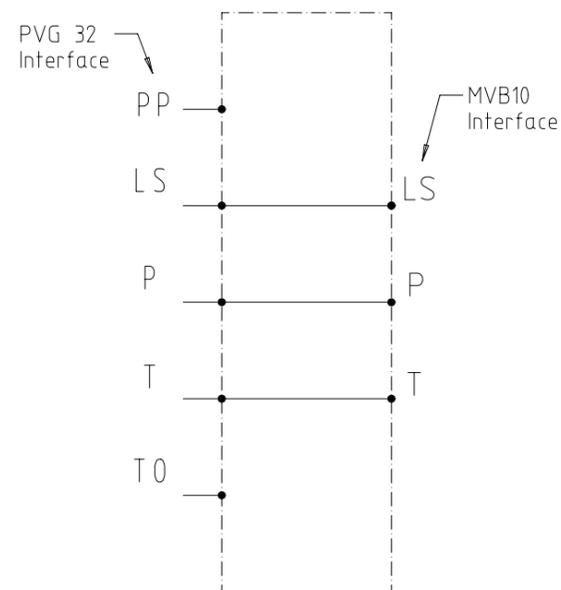
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The unique synergy between the MVB10 and the Danfoss PVG product line allows the use of the same tie-rods kits across both product groups. This enables assemblies the flexibility to be expanded across both product lines to meet the configuration requirements



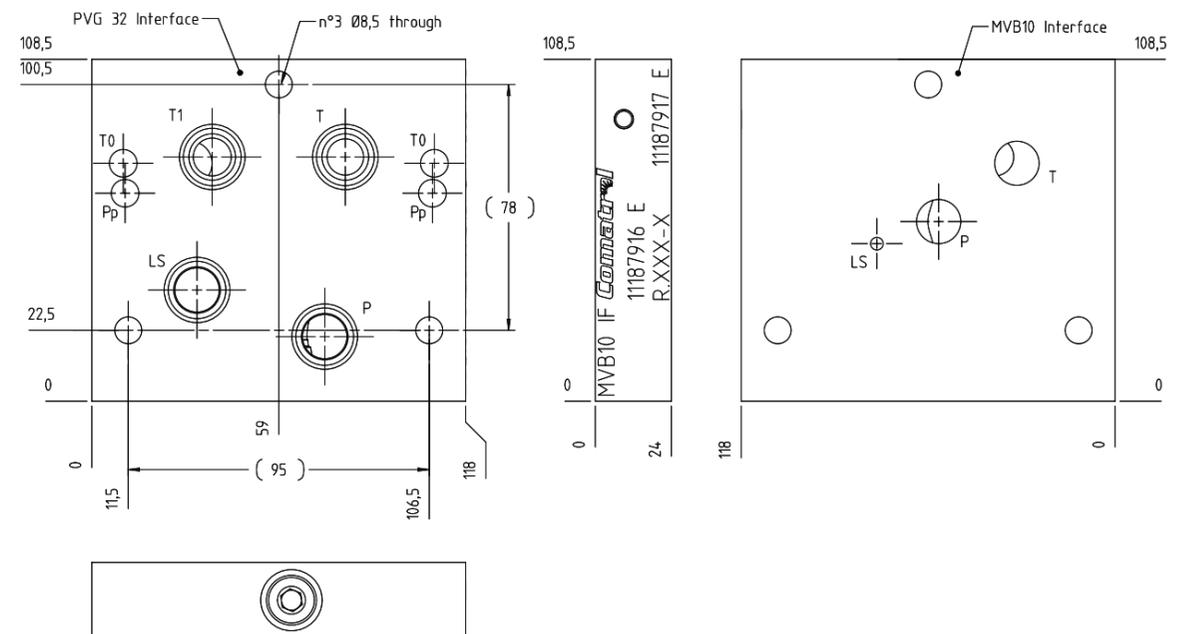
## Standard Inlet Module



## OPERATION

This connection interface does not include any active components and may be used to connect MVB10 modules with PVG32/16 modules. Before combining MVB10 sections with products from the Danfoss PVG product families, carefully read and consider the relevant operating instructions provided by Danfoss. Failure to comply with these instructions may result in performance or safety issues.

# MVB10-IF



## APPLICATION AWARENESS

Standard open center PVG inlets use a 10 bar (145 psi) compensating element. When using a compensated MVB10 work section with this inlet, a compensator of 7 bar (100 psi) or less is recommended.

The PVG and the MVB10 will share a common inlet when used with the standard interface plate (MVB10-IF). The maximum pressure rating of the entire stack will be 210 bar (3000 psi).

When a non-compensated work section is applied with a high inlet pressure and low load pressure, the high pressure differential can cause the flow rate to exceed catalog rating of the solenoid. The operating envelope of the solenoid valve should be followed to ensure proper shifting. Careful evaluation should be given to applications using pressure compensated pumps as well as those requiring simultaneous use of multiple functions with differing loads. In these types of applications where there is a risk of overflowing the solenoid, a compensated or flow control work section can be used.

Body	Body Type		
	Model code	Description	p/n
	MVB10-IF	PVG Interface Plate	11187916