

## WV700 Series - Seated Directional Control Valves

### Size - NG 6

Flows up to 25 lpm
700 Bar Working Pressure
Poppet-Type Seated Valves - Positive overlap
Seated leakage-free valves with positive overlap
100% duty cycle
Dry DC-solenoid 4 x 90° mounting position
NG6 porting interface according to DN24340
Available in solenoid, manual or pilot operated options



## HV700 Series - Seated Directional Control Valves

### Size - NG 4

Flows up to 12 lpm
700 Bar Working Pressure
Ball-Type Seated Valves
Seated leakage-free valves
100% duty cycle
Dry DC-solenoid 4 x 90° mounting position
NG4 porting interface
Solenoid Operated



## HSV700 Series - Manually Operated Directional Valves

### 3/8" NPT - Ready to install

Flows up to 25 lpm
700 Bar Working Pressure
Manual gate valve type directional control
Ready to install
Light weight and durable
Detented 3/2, 3/3 and 4/3 way configurations available
Standard with NPT ports
Optional NG6 porting interface according to DN24340



## DV700 Series - Pressure Relief Valves

### Size - NG6

Flows up to 25 lpm
700 Bar Working Pressure
Direct operated relief valves - available as cartridge or as a modular application with one or two cartridges
High degree of pressure stability
Safe operation
Precise pressure adjustment
NG6 porting interface according to DN24340
Maximum pressure setting with lock-nut



# Ultra-High Pressure Valves

## APH700 - Pressure Relief Valves

### Size - NG4

Flows up to 12 lpm
700 Bar Working Pressure
Direct operated relief valve cartridges for use with APH series NG4 subplates
High degree of pressure stability
Safe operation
Precise pressure adjustment



## DV2 Series - Pressure Relief Valve

### Line Mounting - 3/8" NPT

Flows up to 12 lpm
1000 Bar Working Pressure
Direct operated poppet type pressure relief valves with threaded connection for in-line mounting
Safe operation
Max pressure adjustable with lock-nut
3/8" ports



## DA700 Series - Unloading Valves

### Size - NG6

Flows up to 25 lpm
700 Bar Working Pressure
These valves are used to unload the low-pressure flow in Hi-Low pressure combination-pump systems when the pre-set unloading pressure is reached. Once pressure drops below the pre-set level, low-pressure flow is added to the circuit again
Direct operated unloading valves
High degree of pressure stability
Safe operation
Precise pressure adjustment
Available either as a cartridge, or as a modular valve (including subplate)
NG6 porting interface according to DN24340
Maximum pressure setting with lock-nut



## DM700 - Pressure Reducing Valves

### Size - NG 6

Flows up to 25 lpm
700 Bar Working Pressure
Direct operated poppet type seated valves in sandwich mounting, used where a second, reduced pressure is needed other than the nominal system pressure
Precise pressure adjustment
Max. pressure limitation in reduced pressure side
NG6 sandwich type porting interface according to DN24340



## SD700 - Throttle Valves SD700 - Throttle Valves

### Size - NG6

Flows up to 25 lpm
700 Bar Working Pressure
Cartridge or Sandwich Mounting High Precision Flow Control
For inlet and outlet throttling
Available either as a cartridge, or as a modular valve (including subplate)
Adjustable while under pressure
Leak free in closed position
Flow in either direction
High precision flow control
NG6 porting interface according to DN24340



## AV700 Series - Shut-off Valves

### Size - NG6

Flows up to 25 lpm
700 Bar Working Pressure
Safe operation
Leak free in closed position
Suitable for bi-directional flow
High precision flow control
NG6 porting interface according to DN24340



## SPV2 Series - Shut-off Valves

### Line Mounting - 3/8" NPT

Flows up to 32 lpm
1000 Bar Working Pressure
Safe operation
Available either as a cartridge, or as a modular valve (including subplate)
Poppet design for leak-free operation
Suitable for bi-directional flow
High precision flow control
NG6 porting interface according to DN24340



# Ultra-High Pressure Valves

## SBV700 - Load Holding/Lowering Valves

Size - NG6

Flows up to 25 lpm
700 Bar Working Pressure
These valves are used to hold or lower loads with double acting cylinders. The full load can be held safely and securely for extended periods, and then lowered at a controlled rate when required
Leak free poppet type sealing
Safe operation
Available in sandwich mounting execution
NG6 porting interface according to DN24340



## ERV700 - Pilot Operated Check Valves

Size - NG 6

Flows up to 25 lpm
700 Bar Working Pressure (Max Pilot Pressure 350 Bar)
When using spool type valves that have leakage, pilot operated check valves can be used to block one or two ports without allowing leakage
Leak free poppet type sealing
Safe operation
Available in sandwich mounting execution
NG6 porting interface according to DN24340



## DV7 Series - Pressure Switches

1/4" BSP Threaded Connection

Piston type pressure switch with one or two change-over switches
7 pressure ranges (60 to 1000 Bar)
Degree of protection IP 64, with DIN 43650 electrical connection
Switching hysteresis of the scale end value, 5 - 10%
Repeat accuracy of the scale value, 1%
Easily adjustable over entire pressure range



## Monoblock Directional Control Valves

### Q - 25

#### Technical Specifications

Working sections	1 to 8
Max pressure (1 - 2 sections)	350 bar
Max pressure (3 section)	320 bar
Max pressure (4 - 8 sections)	300 bar
Max backpressure (T)	25 bar
Ports P-A-B	3/8 BSP
Port T	1/2 BSP
Max. Flow (Q)	50 l/min <sup>1)</sup>

#### Use Conditions

Rec. Temperature	30° C / +60° C
Max. Temperature	-30° C / +80° C
Viscosity	10 - 400 Cst (mm <sup>2</sup> /s)
Filtration	20/18/15

<sup>1)</sup> dependent on working sections



## Monoblock Directional Control Valves

### Q - 35

#### Technical Specifications

Working sections	1
Max pressure	300 bar
Max backpressure (T)	25 bar
Ports P-A-B-T	3/8 BSP
Max. Flow (Q)	50 l/min

#### Use Conditions

Rec. Temperature	30° C / +60° C
Max. Temperature	-30° C / +80° C
Viscosity	10 - 400 Cst (mm <sup>2</sup> /s)
Filtration	20/18/15

