

## GLYCERINE VALVES

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### Valves:

Operating Pressure: 3600 bar

Operating Temperature: 150°C

Fluid: Glycerin

Mount: Vertical

Sr. No	Description	Orifice Opening mm	Flow Factor M <sup>3</sup> hr <sup>1</sup> bar <sup>05</sup>	Actuation	Flow Path		Quantity	End Connections/ Accessories
					Inlet	Outlet		
1	2/2 Way Valve	15	>1	Remotely operated Solenoid 24 v D.C & Manual	Bottom	Side	1	As per Section A of Technical Specification
2	2/2 Way Valve	6	>1		Bottom	Side	2	As per Section B Technical Specification
3	Check Valve (NRV)	10	>1		Bottom	Side	1	As per Section C Technical Specification
4	Check Valve (NRV)	10	>1		Bottom	Side	1	As per Section D of Technical Specification
5	Check Valve (NRV)	10	>1	Remotely operated Solenoid 24 v D.C & Manual	Bottom	Side	1	As per Section E of Technical Specification

Note:

Country of origin: U.S, UK and E.U only

Potential Manufactures

BHDT-Austria

BASF-USA

PARKER-USA

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## End Connections / Accessories for the Valves

### A. For Valve at Sr. No.1

Inlet connection:

1. Threaded flange O.D 185mm, PCD 140mm @60°, thickness 45mm, required with valve, company BASF DN 15/PN 3600, Material K10 (as per company specs) quantity 1 flange
2. Sealing lens company BASF DN 15 / PN 3600, material k10, Quantity 1 lens
3. Inlet line: O.D 38mm, DN 15mm, PN 3600 bar length required 1 meter

Outlet connection:

1. Line Size: O.D 25mm, D.N 19mm, Length 1 meter
2. Outlet connection threaded with required ferrule fittings of mentioned outlet line size

### B. For Valve at Sr. No.2

Inlet connection:

1. Threaded flange O.D 105mm, PCD 70mm @90°, thickness 25mm, required with valve, company BASF DN 6/PN 3600, Material K10 (as per company specs) quantity 2 flange
2. Sealing lens company BASF DN 6 / PN 3600, material k10, Quantity 2 lens
3. Inlet line: O.D 28mm, DN 6mm, PN 3600 bar length required 2 meter

Outlet connection:

1. Line Size: O.D 12mm, D.N 8mm, Length 2 meter
2. Outlet connection threaded with required ferrule fittings of mentioned outlet line size

### C. For Valve at Sr. No.3

Inlet and outlet connection:

1. Threaded flange O.D 115mm, PCD 75mm @90°, thickness 25mm, required with valve, company BASF DN 10/PN 3600, Material K10 (as per company specs) quantity 6 flanges
2. Threaded flange O.D 115mm, PCD 60mm @120°, thickness 20mm, required with valve, company BASF DN 10/PN 500, Material K10 (as per company specs) quantity 2 flanges
3. Sealing lens company BASF DN 10 / PN 3600, material k10, Quantity 6 lens
4. Inlet line: O.D 28mm, DN 10mm, PN 3600 bar length required 5 meter

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### D. For Valve at Sr. No.4

Outlet connection (Top):

1. Threaded flange O.D 115mm, PCD 75mm @90°, thickness 25mm, required with valve, company BASF DN 10/PN 3600, Material K10 (as per company specs) quantity 6 flanges
2. Sealing lens company BASF DN 10 / PN 3600, material k10, Quantity 6 lens
3. Inlet line: O.D 28mm, DN 10mm, PN 3600 bar length required 5 meter

Inlet connection (Bottom):

1. Line Size: D.D 12mm D.N 8mm, Length required 5 meter
2. Outlet connection threaded with required ferrule fittings of mentioned outlet line size

### E. For Valve at Sr. No.5

Inlet & outlet connection:

1. Line Size: D.D 12mm D.N 8mm, Length required 5 meter
2. Inlet and outlet connection threaded with required ferrule fittings of mentioned outlet line size