

SPECIFICATION SHEET

Lift Check Valve (Flanges, SS-316L)

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|--------------------------|-----------------------|---|
| Service Condition | Rating | <u>150 lbs</u> |
| | Temperature | 180 °C |
| | Gauge pressure | 10 bars |
| | Service Fluids | Oxalic Acid, Formaldehyde, Nitric Acid, Solvents, Diluents, DMW, Caustic Soda |
| Test | Body test | 15 bars |
| | Seat test | 7 bars air under water |

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| BODY | Straight, Stainless Steel Z2 CND 17/12 |
| CONNECTION | Raised Face Flanges – “Stock Finish” Machining |
| OBTURATOR | Guided Piston – Stainless Steel Z2 CND 17/12 |
| SEAT | Built-In |
| BONNET | Bolted - Stainless Steel Z2 CND 17/12 |
| BOLTS and NUTS | Stainless Steel |
| MOUNTING | On horizontal pipes only |

Bill of Quantity

| Sr. No. | Size | Qty (Nos.) | Remarks |
|---------|-------|------------|---------|
| 1. | DN 40 | 08 | |

SPECIFICATION SHEET

Lift Check Valve (Socket Welding, Forged Carbon Steel)

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|--------------------------|-----------------------|--|
| Service Condition | Rating | <u>600 lbs</u> |
| | Temperature | 250 °C |
| | Gauge pressure | 20 bars |
| | Service Fluids | Non Corrosive Water, Saturated Steam, Condensates, Compressed Air, Nitrogen, Fuel |
| Test | Body test | 30 bars |
| | Seat test | 7 bars air under water |

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|------------------------|--|
| BODY | Straight, Forged Steel ASTM A 105 Grade II |
| CONNECTION | Bored Orifaces, Socket Welding type for standard schedule tube |
| OBTURATOR | Stainless steel guided piston |
| SEAT | Integral, Stellite facing |
| BONNET | Bolted, Forged Steel ASTM A 105 Grade II |
| GASKET (Bonnet) | Stainless Steel and asbestos |
| BOLTS and NUTS | Steel at 90 kg/mm ² |
| MOUNTING | On horizontal pipes only |

Bill of Quantity

| Sr. No. | Size | Qty (Nos.) | Remarks |
|---------|-------|------------|---------|
| 1. | DN 25 | 04 | |