

HSVP SERIES SAND SEPARATOR VALVE



The Jarecki HSVP Series ball valve is designed specifically for the sand separator application. HSVP Series valves are used for applications in the Power and Pulp and Paper Industries.

Standard Applications:

Sand Separator

Seat Leakage Class:

Metal Seats Class V - Standard

Design

Pressure Rating

• 150#

Valve Size

• 6" Full Port

End Connections

• Flanged

Valve Construction

- 2 Piece Valve Design
- Oversized Boy Bolting To Withstand Pressure Surges, Vibration, Water Hammer
- Cast Valve
- Split Body
- Trunnion Mounted Ball Option
- Spiral Wound Body Gasket with Secondary Metal to Metal Seal
- Actuator Mounting Pad
- Live Loaded Stem Packing
- Designed to B16.34
- Blow Out Proof Stem
- Heavy Duty Stem For High Torque •

Seat Designs

- Bi-Direction Metal Seat O-Seal (standard) •
- **Bi-Direction RTFE Seats**
- **Bi-Direction Metal Seats**
- Uni-Directional Metal Seats

Service Conditions

- Temperatures Up to 400F
- Pressures as High as 740 psi
- Abrasive Flow Media







PRESSURE / TEMPERATURE CHART

Live Loaded Packing System

- Blow-Out proof stem design to ensure workman safety.
- Live-Loaded stem packing to compensate for temperature fluctuations and normal wear.
- Care is taken not to over torque the stem packing at the testing facility.

Reliable Body Seal

- The body and end connections are bolted with a metal to metal contact to ensure that proper compression on the body gasket is achieved.
- This metal to metal contact also guarantees that the dimensions inside the valve are correct. The torque is constant, and both the body and seat seal gaskets will always have the proper compression.

Specifications

Valves covered in this bulletin are available to conform to the following industry standards and specifications

- Flanged Ends meet ANSI B16.10 and B16.5
- Butt Weld end connections meet MSS SP72
- Pressure Testing Of Valves MSS-SP-61
- Standard Marking for Valves MSS-SP-25
- Valves are tested per ANSI FCI 70-2-1976
- Minimum wall thickness meets ANSI B16.34
- Valves are tested per ANSI FCI 70-2-1991 and B16.34

- ASME B31.1 Power Piping
- ASME B31.3 Chemical Plant Piping
- MSS SP-55 Quality Standards For Castings
- MSS SP-6 Standard Finishes for Contact Faces of Pipe Flanges
- API 607 Fire Test For Soft Seated Valves
- NACE MRO175 Sulfide Stress Cracking Resistant Materials For oilfied Equipment*
- API 6D Specifications for Pipeline Valves

* Must specify this as a requirement at time of order





BILL OF MATERIAL



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TIEM	PART NUMBER	DESCRIPTION	MATERIAL	QTY
1	BL060094-68U3	BALL	316SST / TUNGSTEN CARBIDE HVDF	1
2A	SR060161-68U3	GUIDE SEAT	316SST / TUNGSTEN CARBIDE HVDF	1
2B	SR060160-68U3	SEAL SEAT	316SST / TUNGSTEN CARBIDE HVDF	1
3B1	DR2-164-NQ	DD SEAT SEAL	VIION	5
382	DR2-170-NO	DD SEAT SEAL	VIION	5
301	RV-0517	VAVU SPRING	17-7	2
302	CS-0S17	COIL SPRING	INCENEL X750	16
3D1	MD1511-68T0	DISK SPRING SPACER	316 STAINLESS STEEL	4
305	P\$066001-QJ	GASKET	GRAPHITE	8
4	B0601160-61T0	BODY	CF8M TYPE 316 STAINLESS STEEL	1
4A	CF601101-N1T0	CAVITY FILLER	TFE	5
5	T0601155-61T0	TAILPIECE	CF8M TYPE 316 STAINLESS STEEL	1
6	PW098101-NV	GASKET	316SST / GRAPHITE	1
7	ZDW16500060-K0	BODY STUD	ASTM A193 GR BBM	16
8	HNM16200-J0	BODY NUT	ASTM A194 GR 8M	16
9	0129-10181012	STEM	17-4 STAINLESS STEEL	1
10	TW018101-DST0	GASKET	316SST / GRAPHITE	1
1441	9572K54	STEM PACKING	THE V PACKING SET	1
1442	9572K84	STEM PACKING	TFE V PACKING SET	1
14C	DR2-222-ND	D-RING SEAL	VIION	2
21A	BN018101-68T0	BONNET	316 STAINLESS STEEL	1
21B	BN018102-68T0	CONNECTION PLATE	316 STAINLESS STEEL	1
22A	\$7M10150055-K0	SUDKET HEAD SOREV	ASTM A193 GR BBM	4
553	SDM10150080-K0	SOCKET HEAD SCREV	ASTM A193 GR 38M	4
24A	PW025601-NV	BONNET GASKET	316SST / GRAPHITE	1
25	VVP1815X2.190	STEM BEARING	TFE	1
27	VVP1595X1.96	TRUNNION BEARING	TFE	1
58	PL016001-61T0	TRUNNION CAP	316 STAINLESS STEEL	1
29	SDM10150050-K0	STUD	ASTM A193 GR BBM	6
30	SDM10150-J0	NUT	ASTM A194 GR 8M	6
31	PW019802-NV	GASKET	316SST / GRAPHITE	1
32	MD1509-68T0	BALL HUB	316 STAINLESS STEEL	1
33	MD1514-68T0	NOZZLE	316 STAINLESS STEEL	1
34	HDISIS-NITO	NOZZLE GUIDE	25% TFE	1
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