

# Twin Process Filtration

## JACKETED BALL VALVES

...for the brightest result

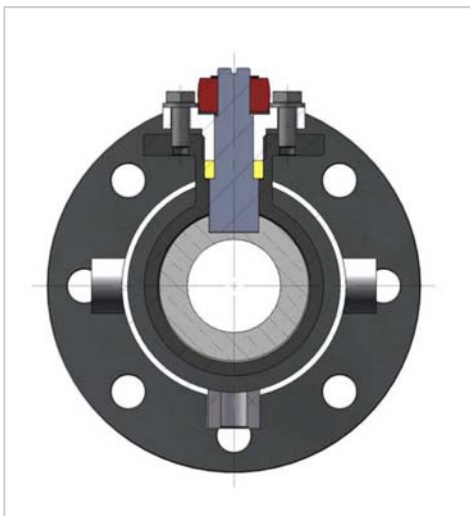


### Typical Applications:

Jacketed ball valves are especially used for media that need temperature control and therefore must be influenced through additional heating.

### Design Features

The welded jackets reach from flange to flange and assure consistent valve heating or cooling of the process media. This applies especially to media like bitumen, liquid sulfur, resins, etc. In addition, the efficient flow of media is ensured through the elimination of pockets.

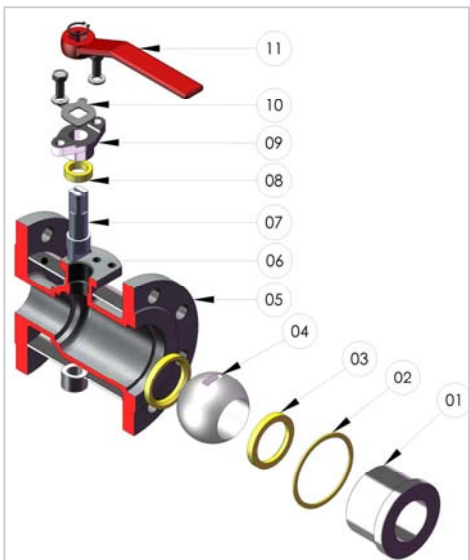


### Features:

- Full Type Jacket with oversized flanges
- Durable full bore jacketed ball valve
- Blow out Proof Steam design
- All Valves are in 316 SS
- Jackets are available in Carbons Steel or SS construction
- Design Temperature 180° C (350°F)
- Design Pressure 10 bar (145 PSI)
- Design Pressure Jacket 8 bar (116 PSI)

### Options

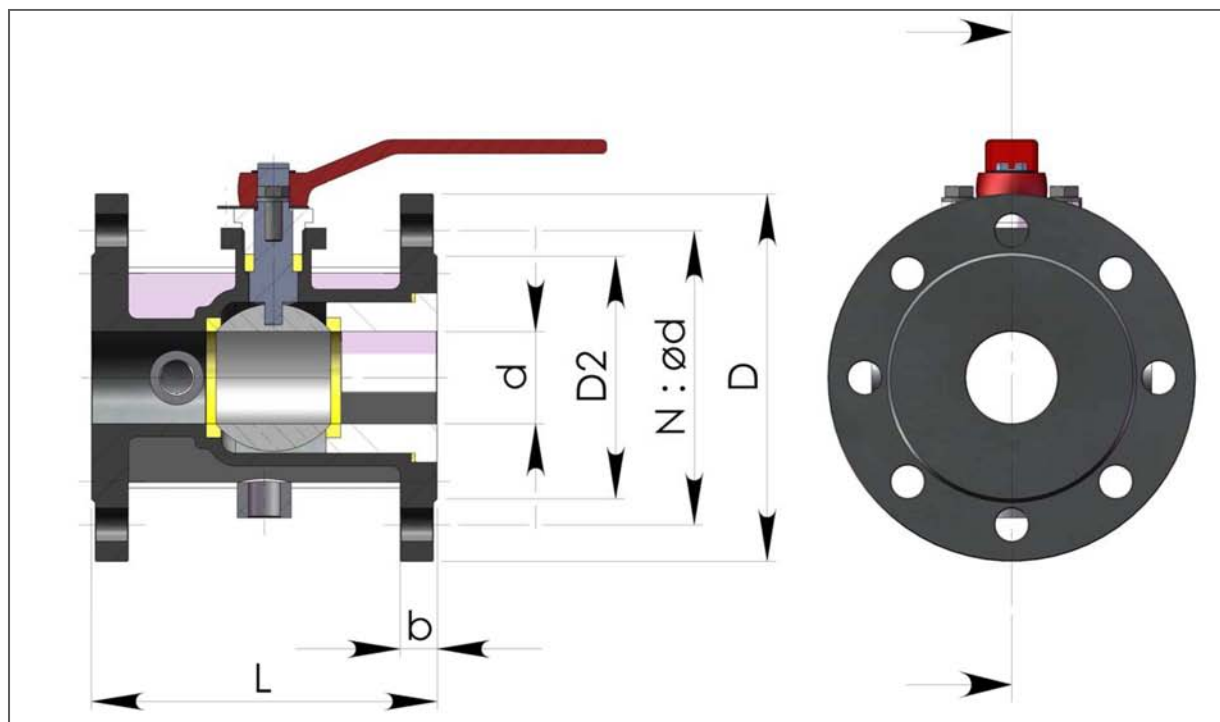
- Electric or pneumatic actuators for automation
- Gear box actuator
- Limit switches
- Other pressure and temperature ratings
- Three way jacketed valves



No.	Part Name	Material
1	Body Insert	316 SS
2	Seat	PTFE
3	Seat	PTFE
4	Ball	316 SS
5	Body	316 SS
6	Jacket	CS or 304 SS
7	Stem	ASTM A276
8	Gasket	PTFE
9	Gland	ASTM A 351
10	Stop Plate	304 SS
11	Handle	Steel

DIN FLANGES <b>SERIES 1</b> PN 16						
DN	d	D2	D	L	b	N: ø
15*32	15	78	140	108	18	4-18
20*40	20	88	150	117	18	4-18
25*50	25	102	165	127	20	4-18
32*65	32	122	185	140	20	4-18
40*65	40	122	185	165	20	4-18
50*80	50	138	200	178	22	8-18
65*125	65	188	250	203	26	8-18
80*150	80	212	285	229	26	8-22
100*200	100	268	340	254	30	12-22
125*200	125	268	340	267	30	12-22
150*250	150	320	405	292	32	12-26
200*350	200	438	520	330	36	16-26

DIN FLANGES <b>SERIES 2</b> PN 16						
DN	d	D2	D	L	b	N: ø
15*25	15	68	115	108	16	4-14
20*32	20	78	140	117	18	4-18
25*40	25	88	150	127	18	4-18
32*50	32	102	165	140	20	4-18
40*65	40	122	185	165	20	4-18
50*80	50	138	200	178	22	8-18
65*100	65	158	220	203	24	8-18
80*125	80	188	250	229	26	8-18
100*150	100	212	285	254	26	8-22
125*200	125	268	340	267	30	12-22
150*250	150	320	405	292	32	12-26
200*300	200	378	460	330	32	12-26



ANSI FLANGES <b>SERIES 1</b> 150#						
DN	d	D2	D	L	b	N: ø
½"*1¼"	½"	64	117	108	13	4-15
¾"*1½"	¾"	73	127	117	15	4-15
1"*2"	1"	92	152	127	16	4-19
1¼"*2½"	1¼"	105	178	140	18	4-19
1½"*2½"	1½"	105	178	165	18	4-19
2"*3"	2"	127	190	178	19	4-19
2½"*5"	2½"	186	254	203	24	8-22
3"*6"	3"	216	279	229	26	8-22
4" * 8"	4"	270	343	254	29	8-22
5"*8"	5"	270	343	267	29	8-22
6"*10"	6"	324	406	292	31	12-25
8"*14"	8"	413	533	330	35	12-29

ANSI FLANGES <b>SERIES 2</b> 150#						
DN	d	D2	D	L	b	N: ø
½"*1¼"	½"	64	117	108	18	4-15
¾"*1¼"	¾"	64	117	117	18	4-15
1"*1½"	1"	73	127	127	20	4-15
1¼"*2"	1¼"	92	152	140	20	4-19
1½"*2½"	1½"	105	178	165	20	4-19
2"*3"	2"	127	190	178	22	8-19
2½"*4"	4"	216	279	254	30	8-22
3"*5"	3"	186	254	229	26	8-19
4" * 6"	4"	216	279	254	30	8-22
5"*8"	5"	270	343	267	30	8-22
6"*10"	6"	324	406	292	32	12-25
8"*12"	8"	381	483	330	36	12-25



**Information:**  
**TWIN PROCESS FILTRATION B.V.**  
 Newtonstraat 9  
 NL-4004 KD Tiel  
 T +31 344 630 603  
 F +31 344 630 530  
 I [www.twinprocessfiltration.com](http://www.twinprocessfiltration.com)  
 E [info@twinprocessfiltration.com](mailto:info@twinprocessfiltration.com)