

<b>JOB NAME:</b>	<b>CONTRACTOR:</b>
<b>JOB LOCATION:</b>	<b>APPROVAL:</b>
<b>ENGINEER:</b>	<b>CONTRACTOR P.O.:</b>
<b>APPROVAL:</b>	<b>REPRESENTATIVE:</b>

## 766000

**FULL PORT, ANSI 150 DIRECT MOUNT 2-WAY, SPLIT-BODY FLANGED STAINLESS STEEL BALL VALVE WITH LOCKING HANDLE  
1" TO 4"**

### VALVE FEATURES

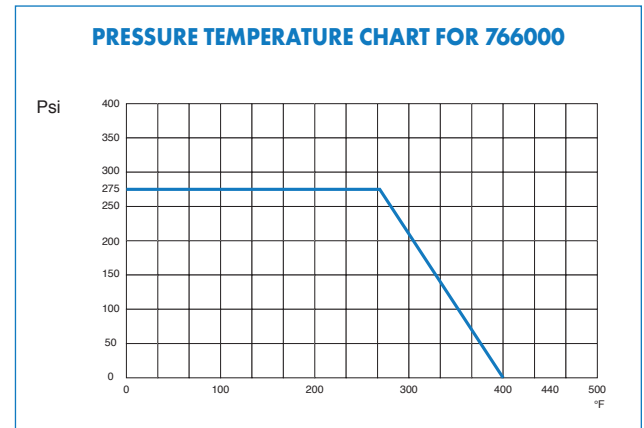
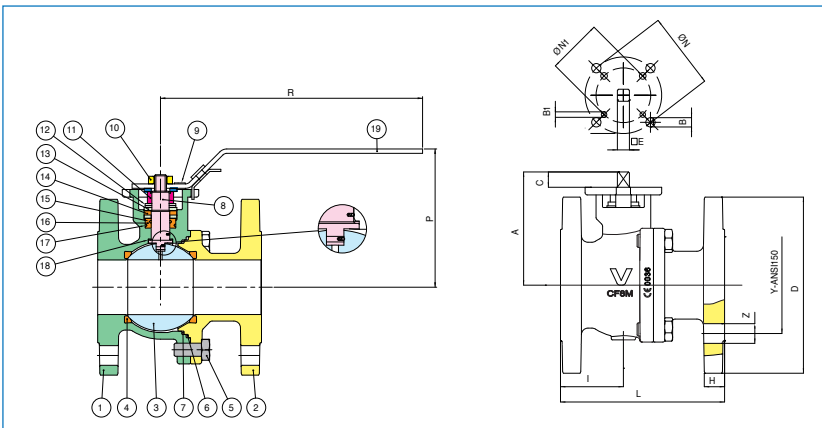
- Full port, sizes 1" to 4"
- Temperature range: -4°F to 366°F
- Direct mount ISO 5211/square stem
- Blow out proof stem, adjustable stem packing
- P.T.F.E. seats, packing and thrust washer and FKM Viton O-rings
- Fire safe certified to API 607 6th edition
- 100% tested
- ANSI B16.5, B16.10, B16.34 design
- Antistatic device
- Standard locking handle

### SPECIFICATIONS

A direct mount, split bodied full port, ASTM A351-CF8M stainless steel cast body, and ANSI 150 class. The valve shall conform to ISO 5211 mounting pad and stem dimensions, ANSI B16.5, ANSI 16.10, ANSI 16.34

The valve must have virgin P.T.F.E. seats, be designed to NACE MR 0175, and be fire safe and certified to API 607, 6th editions. A locking handle should be standard, and be able to be locked in either the open or closed position.

All external fasteners, locking nuts, spring washers, and handle must be made from 300 series stainless steel for protection against atmospheric corrosion.



N POS	PART NAME	MATERIAL	N PCS
1	BODY	A351-CF8M	1
2	END CONNECTION	A351-CF8M	1
3	BALL	A479-304/A351-CF8	1
4	BALL SEAT	P.T.F.E.	2
5	SCREW	STAINLESS STEEL	4-8
6	BODY SEAL	GRAPHOIL	1
7	BODY SEAL	P.T.F.E.	1
8	STEM	A479-304	1
9	SCREW	STAINLESS STEEL	1
10	NUT	STAINLESS STEEL	1
11	NUT	STAINLESS STEEL	1
12	SPRING WASHER	STAINLESS STEEL	2
13	BUSH	A479-316	2
14	STEM SEAL	GRAPHOIL	1
15	O-RING	FKM (Viton)	1
16	STEM SEAL	P.T.F.E.	1
17	O-RING	FKM (Viton)	1
18	THRUST WASHER	P.T.F.E.	1
19	HANDLE	STAINLESS STEEL	1

SIZE	D	Y	Z	H	I	L	P	R	A	C	E mm	ØN	B	ISO 5211	B1	Break Torque in. lbs.	Cv	Weight lbs.
1"	4.33	3.13	4x0.63	0.57	2.13	5.00	3.66	6.30	2.72	0.43	9	1.97-F05	0.28	-	-	124	74.63	8.38
1-1/2"	5.12	3.88	4x0.63	0.69	2.99	6.50	4.65	9.45	3.70	0.55	11	2.76-F07	0.33	1.97-F05	M6	195	201.32	15.43
2"	5.91	4.04	4x0.75	0.77	3.33	7.01	5.00	9.45	4.06	0.53	11	2.76-F07	0.33	1.97-F05	M6	292	348.60	21.16
2-1/2"	7.08	5.50	4x.075	.91	2.95	7.48	6.06	12.60	5.06	.69	14	2.76-F07	.33	2.76-F07	M6	465	630.82	33.95
3"	7.48	6.00	4x0.75	0.94	3.66	7.99	6.38	12.60	5.41	0.69	14	4.02-F10	0.43	2.76-F07	M10	637	1009.48	39.45
4**	9.06	7.50	8x0.75	0.94	3.92	9.02	6.97	14.96	6.04	0.75	17	4.02-F10	0.43	2.76-F07	M10	956	1577.34	53.56