

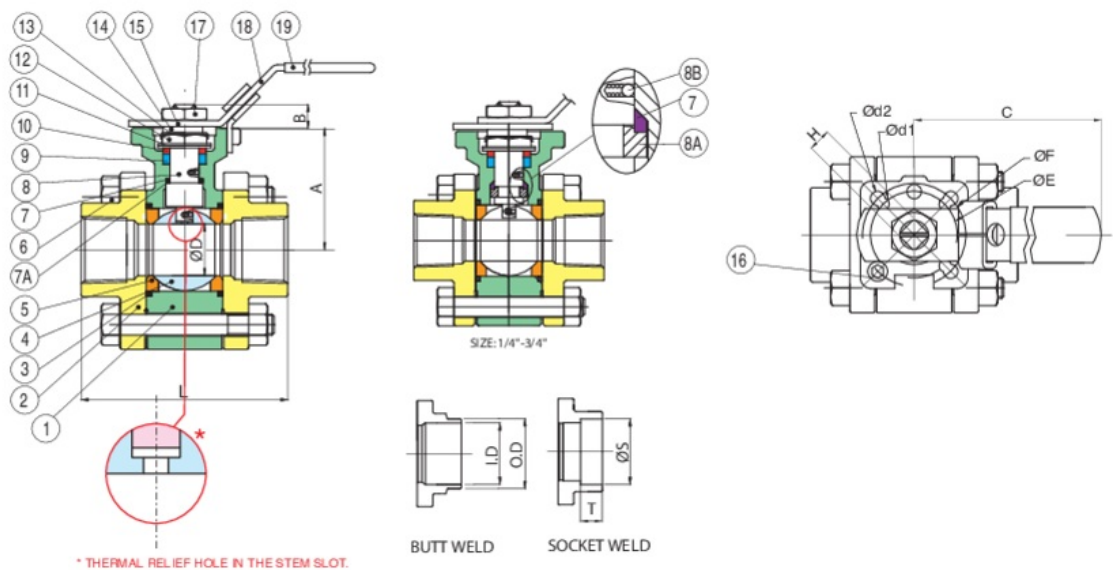


## 731 LL SW

Direct mount high performance 3-piece full port ball valves with locking lever.

- Class 900 sizes 1/4" to 2", class 600 sizes 2 1/2" - 4".
- Carbon steel-2220 psi, stainless steel-2160 psi (1/4"-2"), 1500 psi (2 1/2"-4").
- Working steam pressure to 250 psi.
- Temperature range: -50°F to 550°F.
- ISO 5211 mounting pad/square stem.
- TFM-4215 ball seats.
- Standard latch locking handle.
- Conforms to ANSI 16.34, ANSI B1.20.1 thread depths, NACE MR0175.
- Fire Safe to API 607.
- Grounded ball and stem.
- Standard 316 stainless steel ball and stem in carbon steel models. 640LL (NPT) - 641LL (SW) - 642LL (BW): CARBON STEEL VALVE WITH PEEK SEATS - size 1/4" to 4". 740LL (NPT) - 741LL (SW) - 742LL (BW): STAINLESS STEEL VALVE WITH PEEK SEATS - size 1/4" to 4".

### Technical specifications



POSITION	PART NAME	MATERIAL	N.° PIECES
1	BODY	CF8M/WCB	1
2	END CAP	CF8M/WCB	2
3	GASKET (BODY)	TFM	2
4	BALL	AISI 316	1
5	BALL SEATS	TFM 4215	2
6	BOLTS	AISI 304	-
7	THRUST WASHER	TFM	1
7	THRUST WASHER	PEEK	1
8	STEM	AISI 316	1
8	HALF SPLIT RING	AISI 316	1
8	ANTI-STATIC	AISI 316	1
9	STEM PACKING	TFM	1
10	GLAND WASHER	AISI 304	1
11	DISK WASHER	AISI 301	1
12	STEM NUT	AISI 304	1
13	NUT STOP	AISI 304	1
14	SPACE WASHER	AISI 304	1
15	PLATER	AISI 304	1
16	STOP IN	AISI 304	1
17	HANDLE NUT	AISI 304	1
18	HANDLE	AISI 304	1
19	HANDLE COVER	PLASTISOL	1

SIZE	A	B	ØD	ØD1	ØD2	ISO 5211	H MM	L	SW	BW(80#)	TORQUE IN-LBS	CV	WEIGHT LBS
1/4"	1.81	0.37	0.43	0.24	0.24	F03	F04	9	2.61	0.56	0.44	0.55	0.3
3/8"	1.81	0.37	0.49	0.24	0.24	F03	F04	9	2.61	0.69	0.44	0.67	0.43
1/2"	1.89	0.37	0.59	0.24	0.24	F03	F04	9	2.76	0.86	0.5	0.84	0.54
3/4"	2.08	0.47	0.79	0.24	0.24	F04	F05	11	3.62	1.07	0.56	1.05	0.74
1"	2.32	0.47	0.98	0.24	0.27	F04	F05	11	4.13	1.33	0.63	1.31	0.96
1 1/4"	2.44	0.57	1.26	0.27	0.36	F05	F07	14	4.37	1.67	0.69	1.66	1.28
1 1/2"	2.75	0.57	1.49	0.27	0.36	F05	F07	14	4.88	1.92	0.72	1.91	1.5
2"	3.54	0.75	1.97	0.36	0.45	F07	F10	17	5.91	2.41	0.84	2.38	1.94
2 1/2"	4.13	0.71	2.5	0.36	0.45	F07	F10	17	6.5	2.91	0.87	2.88	2.32
3"	4.68	0.98	3.07	0.45	0.53	F10	F12	22	7.68	3.54	1	3.51	2.9
4"	5.67	0.98	3.89	0.45	0.53	F10	F12	22	9.65	4.54	1.26	4.51	3.83