



JOB NAME:	CONTRACTOR:
JOB LOCATION:	APPROVAL:
ENGINEER:	CONTRACTOR P.O.:
APPROVAL:	REPRESENTATIVE:

710085 - 710064 - 710065

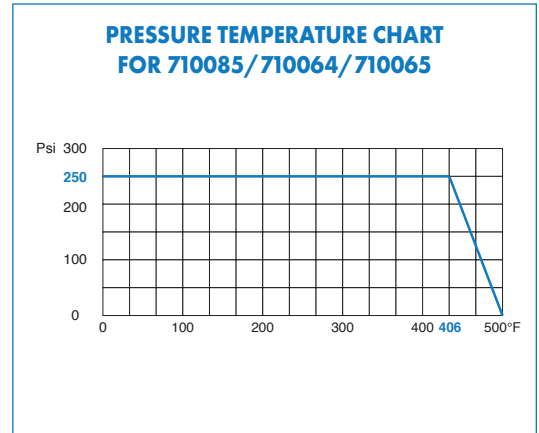
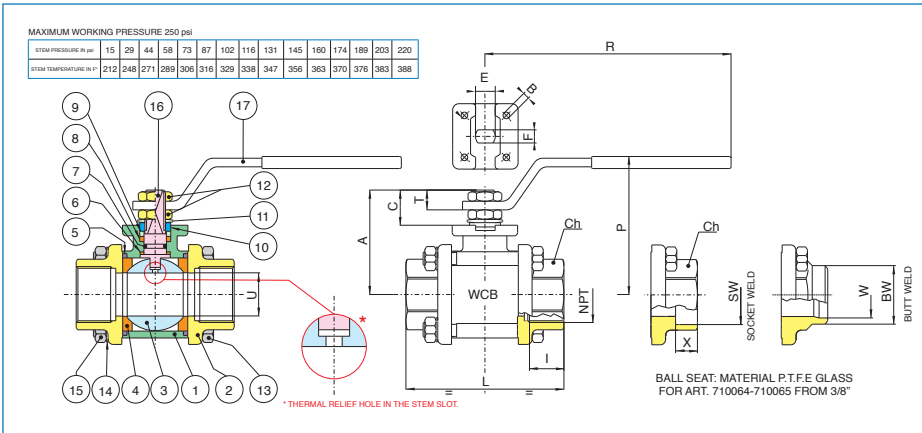
FNPT SW BW

FULL PORT 2-WAY, 3-PIECE CARBON STEEL BALL VALVE FOR STEAM
1/4" TO 4"

VALVE FEATURES

- Full port sizes 1/4" to 4"
- Working pressure is 1000 psi (1/4" to 1/2"), 600 psi (3/4" to 1"), 350 psi (1-1/4" to 2"), 230 psi (2-1/2" to 4") - 250 steam
- Temperature range: -4°F to 406°F
- Blow out proof stem, adjustable stem packing
- 25% carbon filled P.T.F.E. ball seats
- ISO 5211 mounting pad with double "D" stem
- 100% electronically tested in the open and closed position at 80 psi
- TUV T.A. Luft approved

SPECIFICATIONS



N POS	PART NAME	MATERIAL	N PCS
1	BODY	ASTM A105-WCB	1
2	END CONNECTION	ASTM A105-WCB	2
3	BALL	AISI 304-CF8	1
4	BALL SEAT	R.P.T.F.E.	2
5	SEAL	FKM (Viton)	2
6	STEM SEAL	R.P.T.F.E.	1
7	O-RING	FKM (Viton)	1
8	STEM SEAL	R.P.T.F.E.	1
9	PACKING GLAND	STEEL	1
10	END STOP	AISI 430 (1/4" to 2") STEEL (2-1/2" to 4")	2 1
11	SPRING WASHER	STEEL (2-1/2" to 4")	2
12	NUT	STEEL	2
13	BOLT	STEEL (1/4" to 2") STEEL (2-1/2" to 4")	4 6
14	WASHER	STEEL (1/4" to 2") STEEL (2-1/2" to 4")	4 6
15	NUT	STEEL (1/4" to 2") STEEL (2-1/2" to 4")	4 6
16	STEM	AISI 304	1
17	HANDLE	STEEL	1

SIZE	U	I	SW	X	BW	W	L	CH	R	P	A	C	T	E	F	ISO 5211	B	Cv	psi	Weight Lbs.
1/4" *	0.39	0.43	-	-	-	-	2.24	0.86	4.35	1.96	1.37	0.53	0.35	0.31	0.19	-	-	6.36	1000	0.61
3/8"	0.39	0.44	0.71	0.37	0.67	0.49	2.24	0.86	4.35	1.96	1.37	0.53	0.35	0.31	0.19	-	-	9.83	100	0.61
1/2"	0.59	0.59	0.88	0.37	0.83	0.62	2.55	1.06	5.17	2.51	1.85	0.59	0.39	0.39	0.27	F03	0.23	22.21	100	0.88
3/4"	0.78	0.64	1.09	0.43	1.05	0.82	2.99	1.25	5.17	2.67	2.02	0.59	0.39	0.39	0.27	F04	0.21	40.50	600	1.32
1"	0.98	0.75	1.35	0.50	1.31	1.04	3.62	1.61	6.87	3.09	2.36	0.76	0.49	0.47	0.31	F04	0.23	74.63	600	2.42
1-1/4"	1.25	0.84	1.70	0.56	1.66	1.38	4.19	1.96	6.87	3.28	2.53	0.76	0.49	0.47	0.31	F04	0.21	120.10	350	3.36
1-1/2"	1.49	0.84	1.94	0.62	1.90	1.61	4.56	2.16	9.86	3.93	3.11	0.94	0.64	0.62	0.39	F05	0.25	201.32	350	4.61
2"	1.96	1.01	2.44	0.68	2.37	2.06	5.35	2.75	9.86	4.21	3.38	0.94	0.64	0.62	0.39	F05	0.25	348.80	350	7.03
2-1/2"	2.55	1.18	3.01	0.78	2.87	2.46	6.04	3.54	12.65	4.98	4.05	1.10	0.70	0.78	0.55	F07	M8	631.37	230	18.24
3"	3.15	1.31	3.52	0.78	3.50	3.06	7.08	4.13	12.65	5.41	4.48	1.10	0.70	0.78	0.55	F07	M8	1009.48	230	29.45
4"	3.93	1.54	4.52	0.78	4.50	4.02	8.54	5.11	15.01	6.16	5.39	1.35	0.86	0.94	0.70	F10	M10	1577.34	230	46.79

* 1/4" available in 710085 only



**RUBINETTERIE
BRESCIANE**



VALPRES