

SERIES 710085 - 710064 - 710065 CARBON STEEL 3 PC BALL VALVE

- 3 pc carbon steel A105 ball valve, stainless steel ball and stem.
- Full port sizes 1/4" to 4".
 - Blow out proof stem, adjustable stem packing.
 - 4 bolt actuator mounting pad.
 - 100% electronically tested in the open and closed position at 80 psi.
 - TUV T.A.Luft approved.

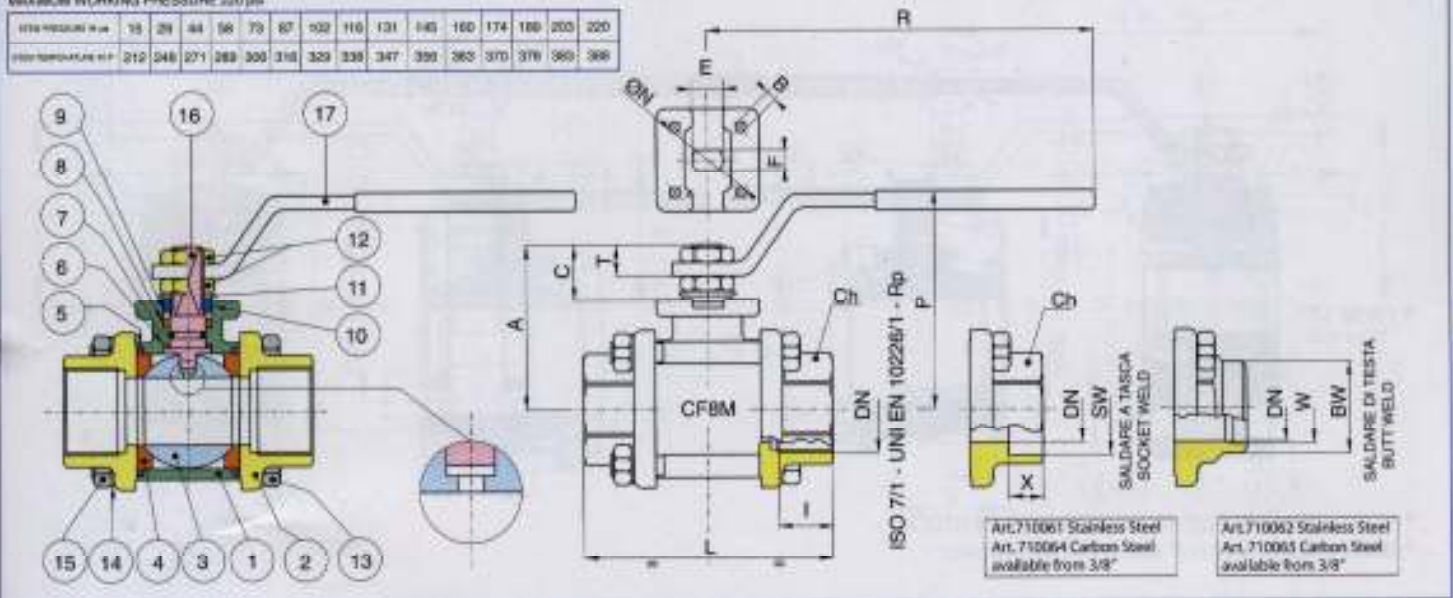
710085: THREADED.
710064: SOCKET WELD.
710065: BUTT WELD.

NEW

FOR STEAM

MAXIMUM WORKING PRESSURE 200 psi

MINIMUM PRESSURE IN psi	15	29	44	58	73	87	102	116	131	145	160	174	188	203	220
MINIMUM PRESSURE IN MPa	210	248	271	289	300	318	329	338	347	359	365	370	379	389	398



PART NAME	MATERIAL	QTY
1 BODY	ASTM A105- WCB	1
2 END CONNECTION	ASTM A105- WCB	2
3 BALL	AISI 304-CF8	1
4 BALL SEAT	PTFE + 30% carbon-graphite	2
5 SEAT	VITON	2
6 STEM SEAL	PTFE + 30% carbon-graphite	1
7 O-RING	FKM (Viton®)	1
8 STEM SEAL	PTFE + 30% carbon-graphite	1
9 PACKING GLAND	STEEL	1
10 END STOP	MS20253-D MS20253-D	2
11 SPRING WASHER	STEEL (2"10-4")	2
12 NUT	STEEL	2
13 BOLT	STR81M-20 STR81M-20	4
14 WASHER	STR81M-20 STR81M-20	4
15 NUT	STR81M-20 STR81M-20	4
16 STEM	AISI 304	1
17 HANDLE	STEEL	1

SIZE	I1	I2	SW	X	BW	W	L	H	CH	R	P	A	C	T	E	F	ON	B	Z	CV	psi	Lbs
1/4"	0.70	0.43	-	-	-	-	2.24	1.29	0.86	4.35	1.96	1.37	0.53	0.35	0.31	0.19	-	-	-	5.40	220	0.61
3/8"	0.70	0.44	0.71	0.37	0.67	0.49	2.24	1.29	0.86	4.36	1.96	1.37	0.53	0.35	0.31	0.19	-	-	-	6.00	220	0.61
1/2"	0.80	0.50	0.88	0.37	0.83	0.82	2.55	1.48	1.06	5.17	2.51	1.85	0.59	0.39	0.39	0.27	1.41	0.23	1.41	16.30	220	0.88
3/4"	0.88	0.64	1.09	0.43	1.05	0.82	2.99	1.83	1.25	5.17	2.67	2.02	0.58	0.39	0.39	0.27	1.65	0.21	1.65	29.50	220	1.32
1"	1.06	0.75	1.35	0.50	1.31	1.04	3.62	2.28	1.61	6.87	3.09	2.36	0.78	0.49	0.47	0.31	1.65	0.23	1.65	43.00	220	2.42
1 1/4"	1.18	0.84	1.70	0.56	1.66	1.38	4.19	2.61	1.96	6.87	3.28	2.53	0.78	0.49	0.47	0.31	1.65	0.21	1.65	89.00	220	3.36
1 1/2"	1.22	0.84	1.94	0.62	1.90	1.61	4.56	2.99	2.16	9.86	3.93	3.11	0.94	0.64	0.62	0.39	1.96	0.25	1.96	230.00	220	4.81
2"	1.41	1.01	2.44	0.68	2.37	2.06	5.35	3.54	2.75	9.86	4.21	3.38	0.94	0.64	0.62	0.39	1.96	0.25	1.96	265.00	220	7.03
2 1/2"	1.51	1.18	3.01	0.78	2.87	2.46	6.04	4.27	3.54	12.65	4.98	4.05	1.10	0.70	0.78	0.55	2.75	M8	2.51	540.00	220	18.24
3"	1.68	1.31	3.52	0.78	3.50	3.05	7.08	6.33	4.13	12.65	5.41	4.48	1.10	0.70	0.78	0.55	2.75	M8	2.51	873.00	220	29.45
4"	1.96	1.54	4.52	0.78	4.50	4.02	8.54	7.48	5.11	15.01	6.16	5.39	1.35	0.89	0.94	0.70	4.01	M10	3.62	1390.00	220	46.79