



Serie **3 PC CARBON STEEL BALL VALVE**

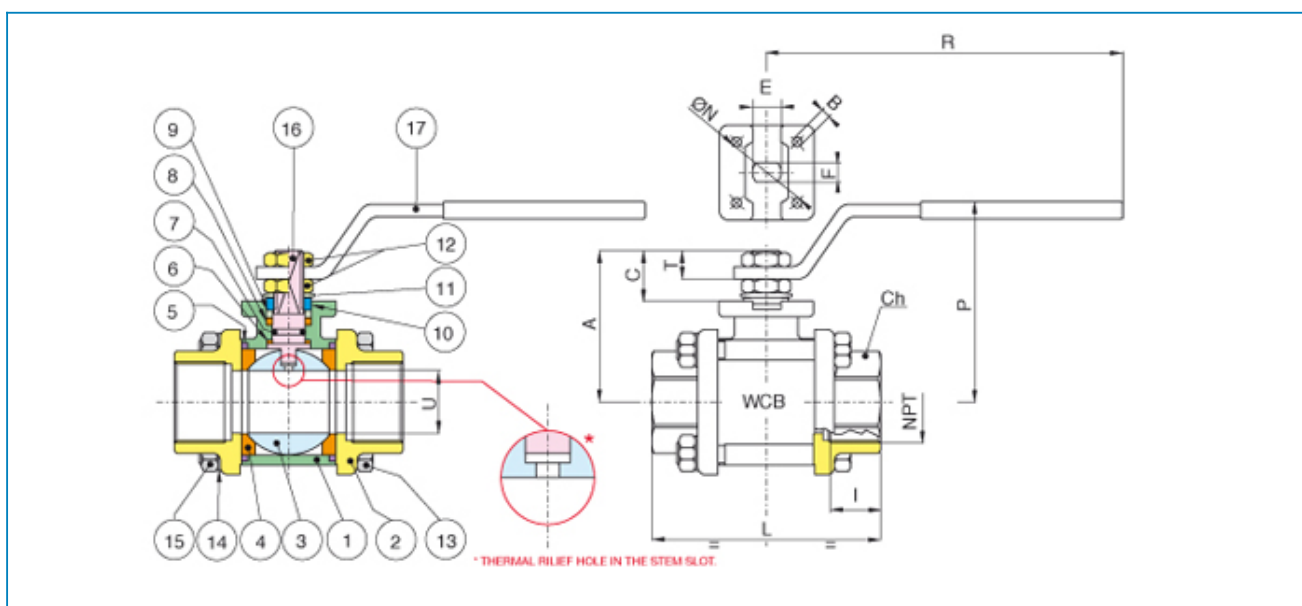
Articolo **710085**

**FOR STEAM**



\* On request available with gas antistatic device

- 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.
  - Steam pressure to 250 psi.
- COMPLIES WITH NACE MR 0175, NACE MR 0103 AND ISO 15156



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	P.T.F.E + 25% carbographe	2
5	SEAT	VITON	2
6	STEM SEAL	P.T.F.E + 25% carbographe	1
7	O-RING	FKM (Viton®)	1
8	STEM SEAL	P.T.F.E + 25% carbographe	1
9	PACKING GLAND	STEEL	1
10	END STOP	AISI 430 (1/4" - 2") STEEL (2"1/2 - 4")	2 1
11	SPRING WASHER	STEEL (2"1/2-4")	2
12	NUT	STEEL	2
13	BOLT	STEEL(1/4" - 2") STEEL (2"1/2 - 4")	4 6
14	WASHER	STEEL(1/4" - 2") STEEL (2"1/2 - 4")	4 6
15	NUT	STEEL(1/4" - 2") STEEL (2"1/2 - 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	ØN	B	CV	psi	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	-	-	6.26	250	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	-	-	6.96	250	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	1.41	0.23	18.90	250	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	1.65	0.21	34.22	250	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	1.65	0.23	49.88	250	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	1.65	0.21	103.24	250	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	1.96	0.25	266.80	250	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	1.96	0.25	307.40	250	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	2.75	M8	626.40	250	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	2.75	M8	1012.68	250	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	4.01	M10	1612.40	250	46.79

MAXIMUM WORKING PRESSURE 250 psi

STEM PRESSURE IN psi	15	29	44	58	73	87	102	116	131	145	160	174	189	203	220
STEM TEMPERATURE IN F°	212	248	271	289	306	316	329	338	347	356	363	370	376	383	388