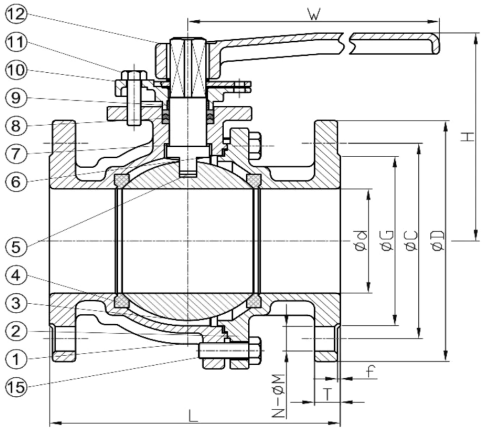
AUTOMA INTERNATIONAL Co.,Ltd.
(주)오토마 인터내셔널

STAINLESS STEEL FLANGE ENDED BALL VALVE



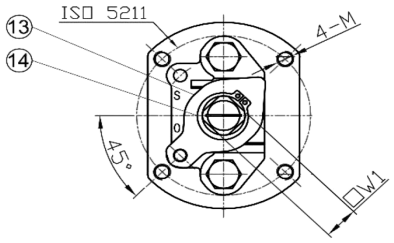
SPECIFICATION

- Full bore ball valve design
- Investment casting body SCS13 - SCS14
- Blow-out-proof stem
- Dimensions according to JIS B2002 B2220
- Pressure test according to JIS B2203
- Design according to ANSI B16.34
- ISO 5211 mounting pad
- Flange ends connection : JIS 10K/16K
  : DIN PN10/16 (*) ANSI 125/150 (*)



MATERIAL LIST

NO.	PART NAME	MATERIAL	
		AT223F	AT224F
1	Body	SCS13	SCS14
2	Cap	SCS13	SCS14
3	Ball	SCS13	SCS14
4	Seat	R-PTFE	
5	Stem	SS304	SS316
6	Gasket	PTFE	
7	Thrust washer	PEEK + PTFE	
8	Packing	PTFE	
9	Stem packing	PTFE	
10	Gland	SS304	
11	Gland bolt	SS304	
12	Handle	WCB	
13	Stopper	SS304	
14	Snap ring	SS304	



PRESSURE TEST

SHELL	SEAT	
Hydraulic test	Hydraulic test	Air test
21.5 (kg/cm2)	16.5 (kg/cm2)	6.0 (kg/cm2)

DIMENSIONS

(*) Optional

SIZE		L	H	W	FLANGE JIS 10K					TOP MOUNTING			
INCH	DN				Ø C	Ø D	Ø G	f	T	N - ØM	ISO5211	W1	4-M
1/2"	15	110	70	130	70	95	51	1	12	4 - Ø15	F04	9	M5
3/4"	20	120	73	130	75	100	56	1	14	4 - Ø15	F04	9	M5
1"	25	130	103	150	90	125	67	1	14	4 - Ø19	F05	11	M6
1-1/4"	32	140	108	150	100	135	76	2	16	4 - Ø19	F05	11	M6
1-1/2"	40	165	112	210	105	140	81	2	16	4 - Ø19	F07	14	M8
2"	50	180	122	210	120	155	96	2	16	4 - Ø19	F07	14	M8
2-1/2"	65	190	151	210	140	175	116	2	18	4 - Ø19	F07	14	M8
3"	80	200	161	270	150	185	126	2	18	8 - Ø19	F10	17	M10
4"	100	230	175	320	175	210	151	2	18	8 - Ø19	F10	17	M10
5"	125	300	224	750	215	250	182	2	20	8 - Ø23	F12	22	M12
6"	150	340	247	750	240	280	212	2	22	8 - Ø23	F12	22	M12
8"	200	420	368	860	290	330	265	2	22	12 - Ø23	F14	27	M14

The specification and dimensions are subject to change without prior notice!

EVERYTHING ABOUT AUTOMATIC VALVE
AUTOMA INTERNATIONAL CO., LTD