


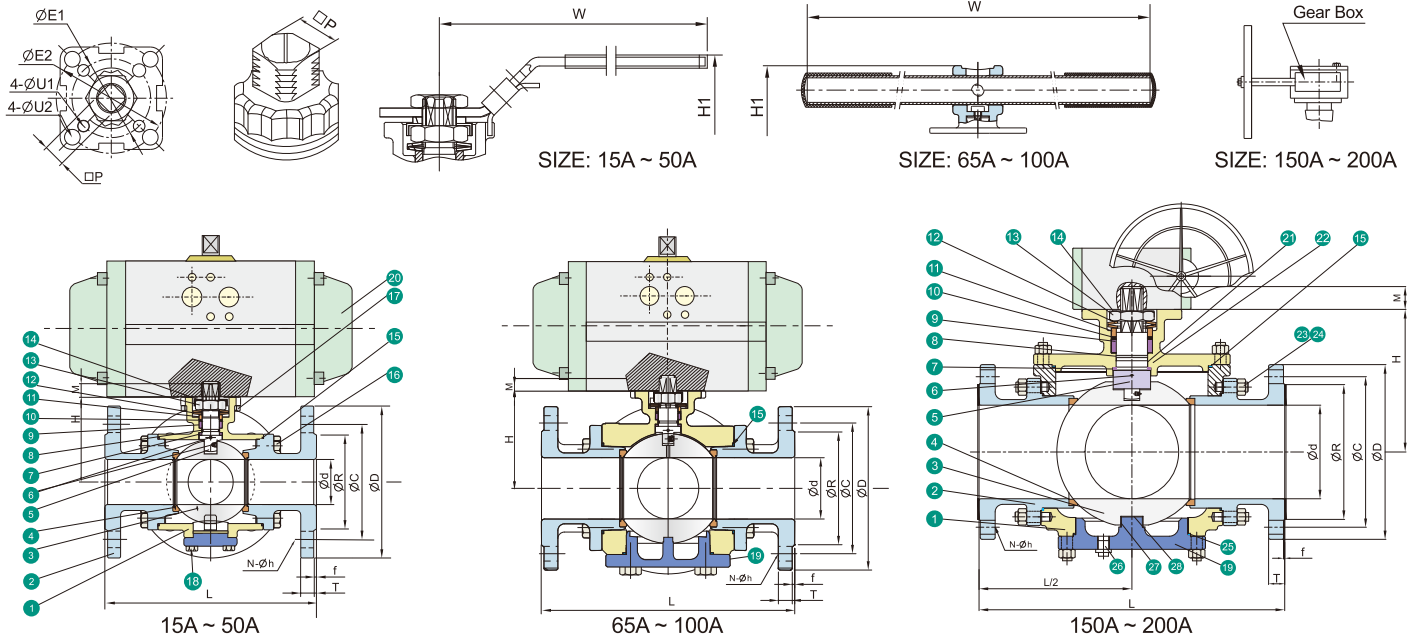
FEATURES:

- Built-in ISO 5211 Direct Mounting Pad for Easy Automation
-  Anti-Static Devices for Ball-Stem-Body
- Blow-out Proof Stem
- **TA-LUFT** Design Approved
- Top Entry For 125A~200A
- Positive Position Location At 90° Increments
- Locking in Every 90° Increments
- KV-L5A/L : L-Port KV-L5A/T : T-Port
- Options: 1. Actuator 2. Limit Switch 3. Positioner

APPLICABLE STANDARDS:

- Design: ASME B16.34
- Flanged Ends : JIS B2220
- Wall Thickness: ASME B16.34
- Inspection & Testing: JIS B2003, API 598

NO.	PART NAME	MATERIALS		
		SCS14A	SCS13A	SCPH2
1	Body	SCS14A	SCS13A	SCPH2
2	Cap	SCS14A	SCS13A	SCPH2
3	Ball	SCS14A	SCS13A	
4	Ball Seat	TFM1600 / PTFE		
5	Stem	316	304	
6	Anti-Static Device	316	304	
7	Thrust Washer	PTFE		
8	O-Ring	FKM		
9	Stem Packing	PTFE / GRAPHITE		
10	Bushing	50%SS+50%PTFE / 304		
11	Gland	316		
12	Belleville Washer	301		
13	Stem Nut	A194-8		
14	Stop-lock-cap	304		
15	Body Gasket (1)	PTFE / GRAPHITE		
16	Bolt	A2-70	8.8	
17	End Cap	SCS14A	SCS13A	SCPH2
18	Hex Bolting	A2-70	8.8	
19	Bottom Cap	SCS14A	SCS13A	SCPH2
20	Actuator	Pneumatic KP / Electric KQ		
21	Stem Sleeve	50%SS+50%PTFE		
22	Cap(1)	SCS14A	SCS13A	SCPH2
23	Nut	A2-70	8	
24	Bolt	A2-70	8.8	
25	Body Gasket (2)	PTFE / GRAPHITE		
26	Plug	SCS14A	SCS13A	
27	Bushing	50%SS+50%PTFE		
28	Washer	50%SS+50%PTFE		



■ JIS 10K DIMENSION TABLE

SIZE	d	L	R	D	C	T	f	N	h	H	H1	W	M	P	U1	U2	E1	E2	ISO 5211
15A	15	150	51	95	70	12	1	4	16	53	83.3	147	9.0	9	6	6	36	42	F03-F04
20A	20	165	56	100	75	14	1	4	16	57	87.0	147	9.0	9	6	7	36	50	F03-F05
25A	25	181	67	125	90	14	1	4	16	68	99.0	177	11.0	11	6	7	42	50	F04-F05
32A	32	190	76	135	100	16	2	4	16	72	103.0	177	11.0	11	6	9	42	70	F04-F07
40A	38	212	81	140	105	16	2	4	16	85	119.0	197	14.0	14	7	9	50	70	F05-F07
50A	49	230	96	155	120	16	2	4	19	92	126.0	197	14.0	14	7	9	50	70	F05-F07
65A	60	290	116	175	140	18	2	4	19	107	175.0	400	17.0	17	9	11	70	102	F07-F10
80A	75	310	126	185	150	18	2	8	19	119	187.0	400	17.8	17	9	11	70	102	F07-F10
100A	99	352	151	210	175	18	2	8	19	150	217.0	400	22.0	22	N/A	11	N/A	102	F10
125A	125	460	182	250	210	20	2	8	23	215	—	—	36.0	36	18	22	140	165	F14-F16
150A	150	490	212	280	240	22	2	8	23	229	—	—	36.0	36	18	22	140	165	F14-F16
200A	200	620	262	330	290	22	2	12	23	282	—	—	36.0	36	18	22	140	165	F14-F16

Unit: mm

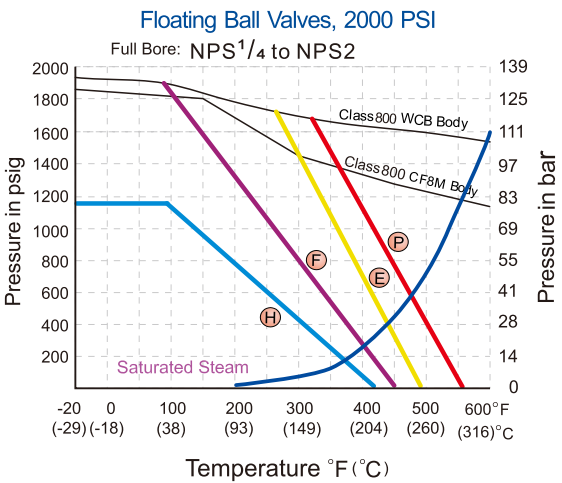
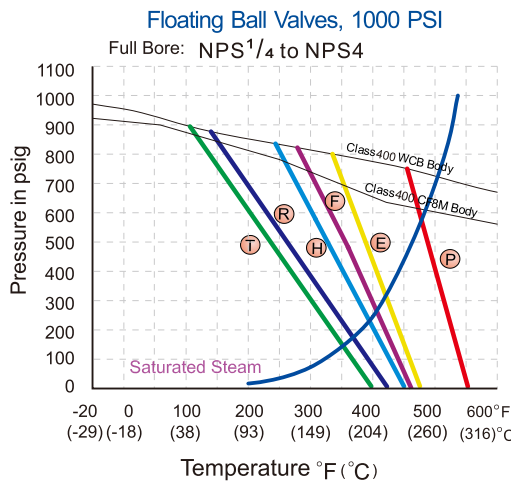
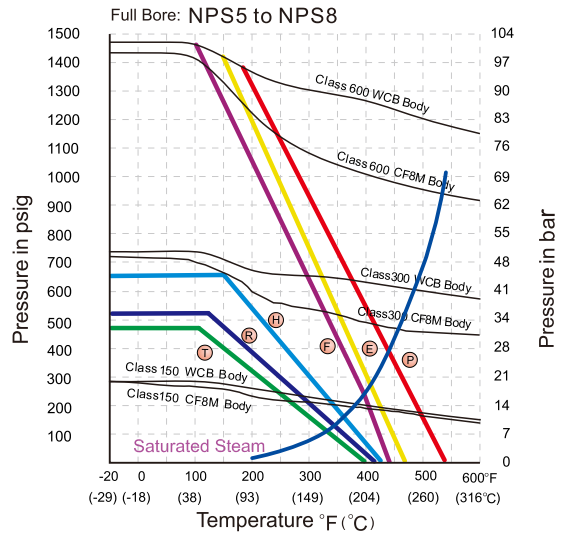
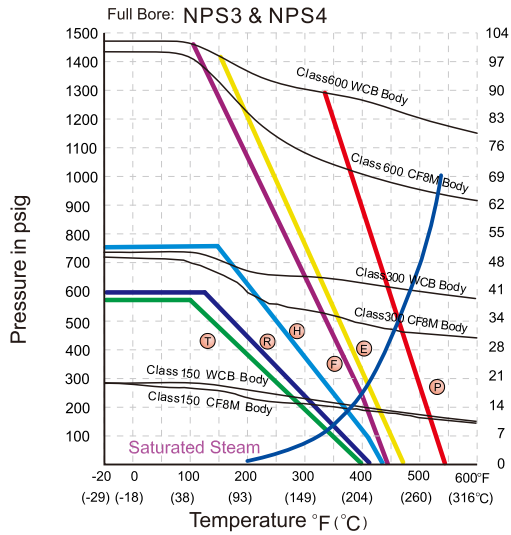
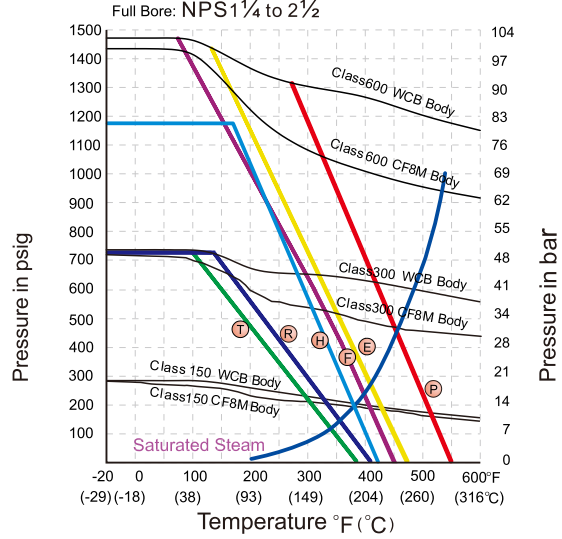
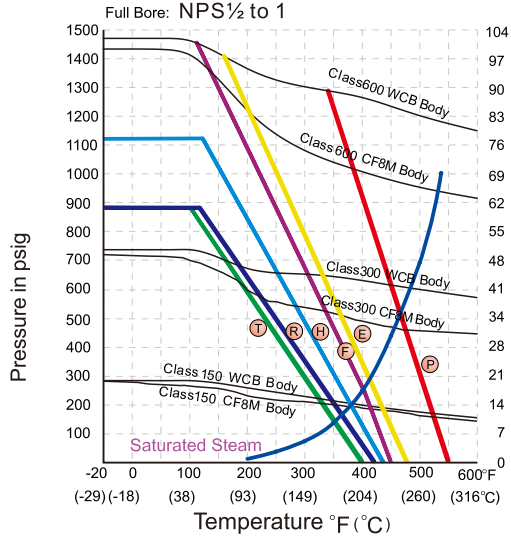
■ JIS 20K DIMENSION TABLE

SIZE	d	L	R	D	C	T	f	N	h	H	H1	W	M	P	U1	U2	E1	E2	ISO 5211
15A	15	150	51	95	70	14	1	4	15	53	83.3	147	9.0	9	6	6	36	42	F03-F04
20A	20	165	56	100	75	16	1	4	15	57	87.0	147	9.0	9	6	7	36	50	F03-F05
25A	25	181	67	125	90	16	1	4	19	68	99.0	177	11.0	11	6	7	42	50	F04-F05
32A	32	190	76	135	100	18	2	4	19	72	103.0	177	11.0	11	6	9	42	70	F04-F07
40A	38	212	81	140	105	18	2	4	19	85	119.0	197	14.0	14	7	9	50	70	F05-F07
50A	49	230	96	155	120	18	2	8	19	92	126.0	197	14.0	14	7	9	50	70	F05-F07
65A	60	290	116	175	140	20	2	8	19	107	175.0	400	17.0	17	9	11	70	102	F07-F10
80A	75	340	132	200	160	22	2	8	23	119	187.0	400	17.8	17	9	11	70	102	F07-F10
100A	99	386	160	225	185	24	2	8	23	150	217.0	400	22.0	22	N/A	11	N/A	102	F10
125A	125	480	195	270	225	26	2	8	25	215	—	—	36.0	36	18	22	140	165	F14-F16
150A	150	520	230	305	260	28	2	12	25	229	—	—	36.0	36	18	22	140	165	F14-F16
200A	200	660	275	350	305	30	2	12	25	282	—	—	36.0	36	18	22	140	165	F14-F16

Unit: mm

The pressure-temperature data of ball valves is determined not only by valve shell materials but also by sealing materials used for ball seats, gland packings and flange gaskets.

Floating Ball Valves, Class 150 / 300 / 600



Seat Materials: T=PTFE R=RTFE H=TFM1600 E=EK+PTFE P=PEEK F=TFM4215

“H” is the standard seat material for KI ball valves, except KV-010, 020 & 030 series.

The seat material of these types is PTFE.

Body Ratings: Shown above are for ASTM A351 Gr.CF8M and A216 Gr.WCB

For ratings of other valve shell materials, please refer to the last edition of ASME B16.34.