Kingdom
FLOW CONTROL CO., LTD.

JIS 10K
2-PC Body, Flanged Ends, Full Port

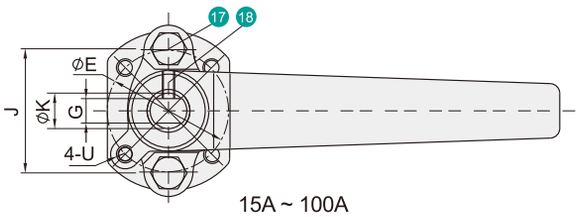
KV-G4A (Bracket Mount Type)
KV-G6A (Bracket Mount Type / Fire Safe Type)

DESIGN FEATURES:

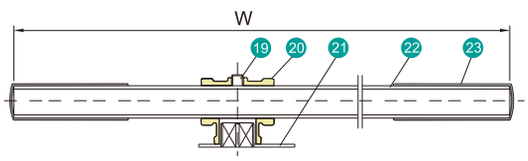
- Built-in ISO 5211 Mounting Pad for Easy Automation
- **Fire Safe** Design
- Ⓔx Anti-Static Devices for Ball-Stem-Body
- Blow-out Proof Stem
- Pressure Balance Hole in Ball Slot
- Casting Boss on Body for Draining

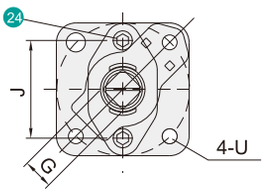
APPLICABLE STANDARDS:

- Design : ASME B16.34
- Fire Safe : API 607 5th 2005, ISO 10497
- Face to Face : JIS B2002 (ASME B16.10)
- Flanged Ends : JIS B2220
- Wall Thickness : ASME B16.34
- Inspection & Testing : JIS B2003, API 598



15A ~ 100A

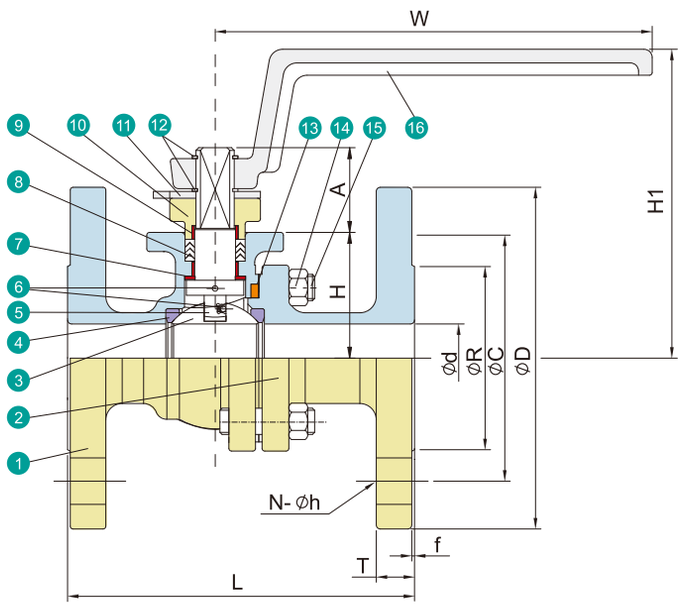




125A ~ 200A

NO.	PART NAME	MATERIAL		
1	Body	SCS 14A	SCS 13A	SCPH2
2	Cap	SCS 14A	SCS 13A	SCPH2
3	Ball	SCS 14A	SCS 13A	
4	Ball Seat	TFM1600 / PTFE		
5	Stem	SUS 316	SUS 304	
6	Anti-Static	SUS 316	SUS 304	
7	L-Stem Bearing	PTFE		
8	V-Ring Packing	PTFE / GRAPHITE*		
9	Stem Jacket	PTFE		
10	Yoke	SCS 13A		
11	Triangle Stopper	SUS 304		
12	Snap Ring	SUS 304		
13	Body Gasket	PTFE / 316 SPIRAL WOUND+GRAPHITE*		
14	Nut	A2-70	8	
15	Bolting	A2-70	8.8	
16	Handle (15A-100A)	A216 - WCB		
17	Bolting	A2-70		
18	Set Screw	A2-70		
19	Set Screw (125A-200A)	A2-70		
20	Handle Adapter (125A-200A)	A351-CF8		
21	Trangle Stopper (125A-200A)	SUS304		
22	Handle (125A-200A)	A53+Zn PLATED		
23	Handle Sleeve (125A-200A)	VINYL PLASTIC		
24	Stop Bolt (125A-200A)	A2-70		

*Materials for KV-G6A (Fire-Safe Models)



■ **JIS 10K** — **KV-G4A, KV-G6A** — Unit : mm

SIZE		d	L	R	D	C	f	T	H	H1	N	h	W	G	K	A	J	U	E	ISO 5211
15A	½	15.0	108	51	95	70	1	12	34.5	91	4	15	135	6.3	12	26	40	M5	42	F04
20A	¾	20.0	117	56	100	75	1	14	38.5	95	4	15	135	6.3	12	26	40	M5	42	F04
25A	1	25.0	127	67	125	90	1	14	46.0	108	4	19	170	9.0	15	31	50	M6	50	F05
32A	1¼	32.0	140	76	135	100	2	16	50.0	113	4	19	170	9.0	15	31	50	M6	50	F05
40A	1½	38.0	165	81	140	105	2	16	61.5	128	4	19	200	9.6	16	39	66	M8	70	F07
50A	2	50.0	178	96	155	120	2	16	71.0	138	4	19	200	9.6	16	39	66	M8	70	F07
65A	2½	63.5	190	116	175	140	2	18	89.0	160	4	19	250	16.0	24	49	75	M10	102	F10
80A	3	76.0	203	126	185	150	2	18	100.0	172	4	19	250	16.0	24	49	75	M10	102	F10
100A	4	100.0	229	151	210	175	2	18	121.0	194	8	19	280	18.0	29	53	75	M10	102	F10
125A	5	125.0	356	182	250	210	2	20	183.0	285	8	23	600	23.0	36	57	92	Ø14	125	F12
150A	6	150.0	394	212	280	240	2	22	203.0	304	8	23	800	23.0	36	57	92	Ø14	125	F12
200A	8	200.0	457	262	330	290	2	22	252.0	375	12	23	800	26.0	42	62	92	Ø14	125	F12

Pressure-Temperature Data

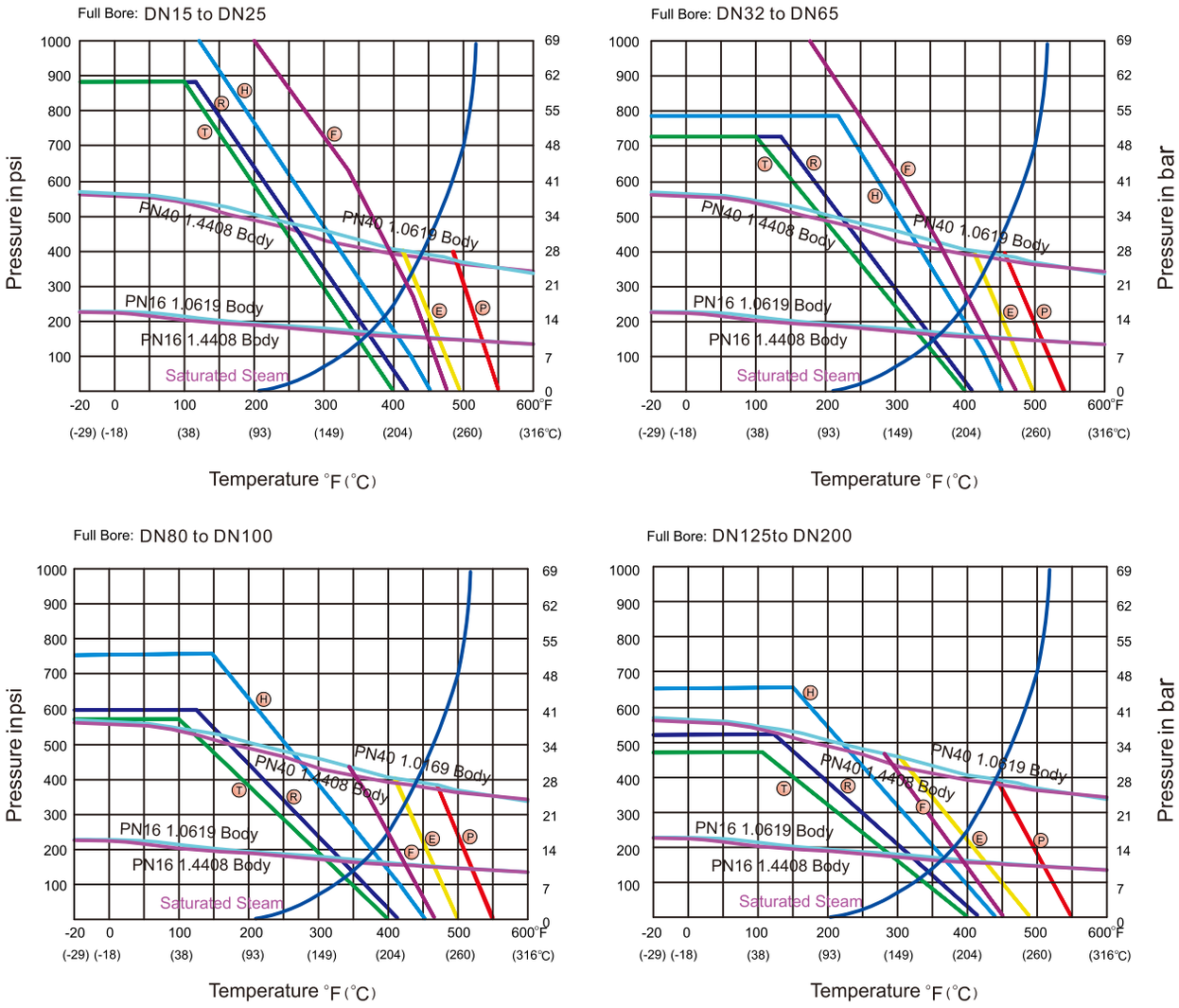
Floating Ball Valves, PN16 - 40

Pressure—Temperature Chart

Floating Ball valves ,PN16/40

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, PN16 / 40



Seat Materials : T=PTFE R=RTFE H=TFM1600 E=EK+PTFE P=PEEK F=TFM4215
H is standard seat material for KI ball valves,
Specify others materials when required.

Body Ratings : Shown above are for EN10213 Nr, 1.4408 and EN 10213 Nr. 1.0619
For ratings of other valve shell materials, please refer to the last edition of EN12516-1.