

# STAINLESS STEEL VALVES

**Stainless Steel ASME Class 150** – 1-PC Body, Flanged End Ball Valve, Reduced Port, "K Series"  
KFV1015RP



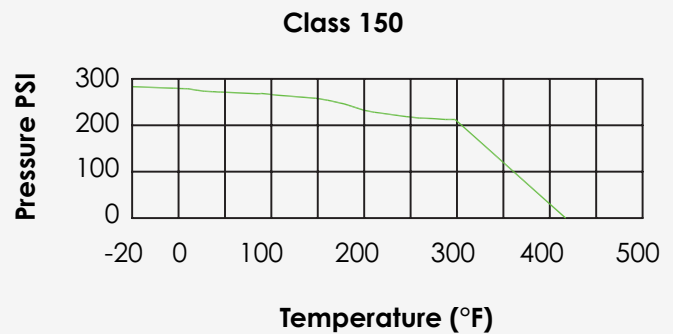
## Design Features

- Seat Material: TFM1600
- Built-in ISO 5211 Mounting Pad for Easy Automation
- Anti-static Devices for Ball-Stem-Body
- Blow-out Proof Stem
- Pressure Balance Hole in Ball Slot
- Casting Boss on Body for Draining
- Options: 1. Actuator 2. Limit Switch 3. Positioner

## Applicable Standards

- Design: ASME B16.34, API 608
- Face to Face: ASME B16.10
- Wall Thickness: ASME B16.34
- End Flange: ASME B16.5
- Inspection & Testing: API 598, API 6D

Size	Cv	Weight (Lbs)	Port	300 psig
1/2"	9	2.91	0.39	44
3/4"	26	4.85	0.49	53
1"	42	5.29	0.69	72
1-1/4"	72	7.28	0.98	116
1-1/2"	120	10.1	1.26	152
2"	190	14.7	1.50	220
2-1/2"	320	23.2	1.97	320
3"	420	32.0	2.37	487
4"	600	49.6	3.00	795
6"	1100	93.7	3.94	1380



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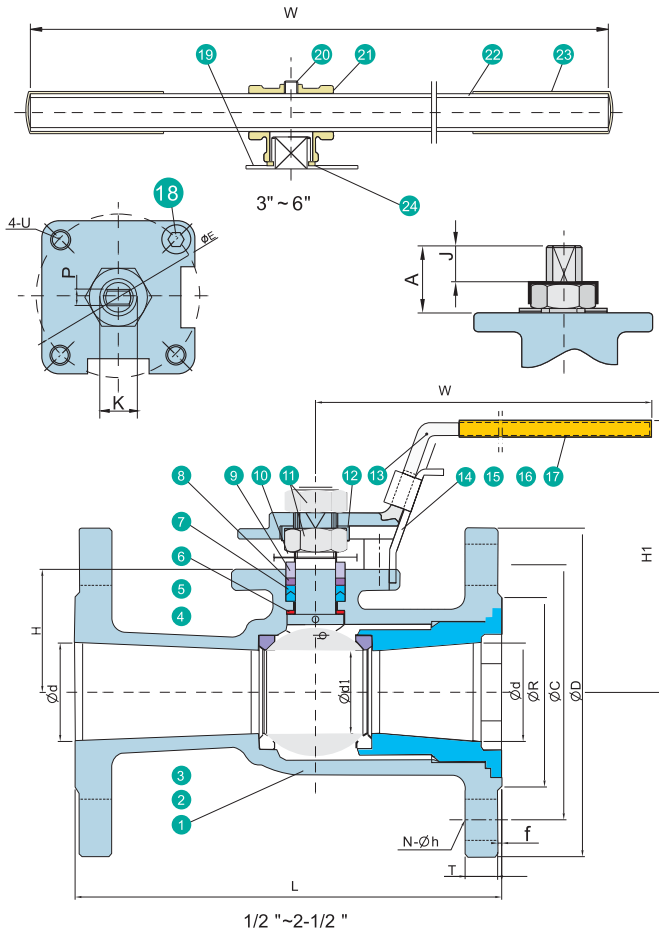
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NO.	Part Name	Materials		
		CF8M	CF8	WCB
1	Body	CF8M	CF8	WCB
2	Ball	CF8M	CF8	
3	Ball Seat	TFM1600/PTFE/RTFE		
4	Stem	316	304	
5	Anti-Static	316	304	
6	Thrust Washer	TFM1600/PTFE/RTFE		
7	Stem Packing	PTFE		
8	Bushing	50% SS + 50% PTFE/304*		
9	Gland	316		
10	Belleville Washer	301		
11	Screw Nut	A194 - 8		
12	Stop-Lock-Cap	304		
13	Lever (1/2"~2-1/2")	CF8		
14	Lock Device (1/2"~2-1/2")	304		
15	Body Gasket	PTFE		
16	End Cap	CF8M	CF8	WCB
17	Lever Sleeve (1/2"~2-1/2")	Vinyl Plastic		
18	Stop Bolt	A193-B8		
19	Triangle Stopper (3"~6")	304		
20	Set Screw (3"~6")	A193-B8		
21	Handle Adapter (3"~6")	CF8		
22	Handle (3"~6")	A53 + Zn Plated		
23	Handle Sleeve (3"~6")	Vinyl Plastic		
24	Snap Ring (3"~6")	304		

Unit: Inch

Size	d	d1	L	R	D	C	f	T	H	H1	N	h	W	P	A	J	U	E	K
1/2"	0.49	0.39	4.25	1.38	3.50	2.37	0.08	0.31	0.91	2.91	4	5/8	5.31	0.25	0.83	0.37	M5	1.65	3/8-24 UNF
3/4"	0.75	0.49	4.61	1.69	3.88	2.75	0.08	0.34	0.91	2.91	4	5/8	5.31	0.25	0.83	0.37	M5	1.65	3/8-24 UNF
1"	0.98	0.69	5.00	2.01	4.25	3.13	0.08	0.38	1.32	3.44	4	5/8	6.69	0.35	0.85	0.40	M6	1.97	9/16-18 UNF
1-1/4"	1.26	0.98	5.50	2.50	4.62	3.50	0.08	0.44	1.63	3.76	4	5/8	6.69	0.35	0.85	0.40	M6	1.97	9/16-18 UNF
1-1/2"	1.50	1.26	6.50	2.88	5.00	3.87	0.08	0.50	1.87	4.13	4	5/8	7.87	0.38	1.26	0.59	M8	2.76	5/8-18 UNF
2"	1.97	1.50	7.00	3.62	6.00	4.75	0.08	0.56	2.22	4.49	4	3/4	7.87	0.38	1.26	0.59	M8	2.76	5/8-18 UNF
2-1/2"	2.44	1.97	7.50	4.12	7.00	5.50	0.08	0.62	2.62	5.22	4	3/4	11.81	0.63	1.67	0.73	M10	4.02	7/8-14 UNF
3"	2.99	2.37	8.00	5.00	7.50	6.00	0.08	0.69	2.97	5.59	4	3/4	11.81	0.63	1.67	0.73	M10	4.02	7/8-14 UNF
4"	3.86	3.00	9.00	6.19	9.00	7.50	0.08	0.88	3.78	7.68	8	3/4	15.75	0.71	2.17	0.98	M10	4.02	11/8-12 UNF
6"	5.91	3.94	10.5	8.50	11.00	9.50	0.08	0.94	5.24	9.49	8	7/8	15.75	0.71	2.44	1.18	M10	4.02	13/8-12 UNF