

**DESIGN FEATURES:**

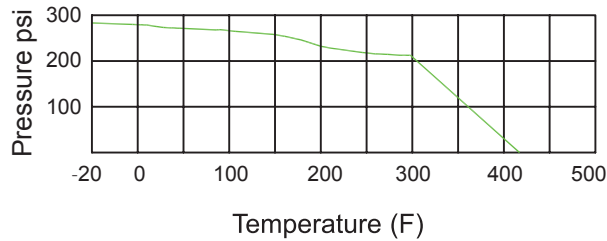
- Seat Material: TFM1600
- Built-in ISO 5211 Mounting Pad for Easy Automation
- Anti-static Devices for Ball-Stem-Body
- Blow-out Proof Stem
- Pressure Balance Hole in Ball Slot
- Casting Boss on Body for Draining
- Options: 1. Actuator 2. Limit Switch 3. Positioner

**APPLICABLE STANDARDS:**

- Design: ASME B16.34, API 608
- Face to Face: ASME B16.10
- Wall Thickness: ASME B16.34
- End Flange: ASME B 16.5
- Inspection & Testing: API 598, API 6D



**Class 150**



**Cv, Weights & Port**

Size	Cv	Wt (Lbs)	Port
1/2"	9	2.91	0.39
3/4"	26	4.85	0.49
1"	42	5.29	0.69
1-1/4"	72	7.28	0.98
1-1/2"	120	10.1	1.26
2"	190	14.7	1.50
2-1/2"	320	23.2	1.97
3"	420	32.0	2.37
4"	600	49.6	3.00
6"	1100	93.7	3.94

**Torques (in-lbs)**

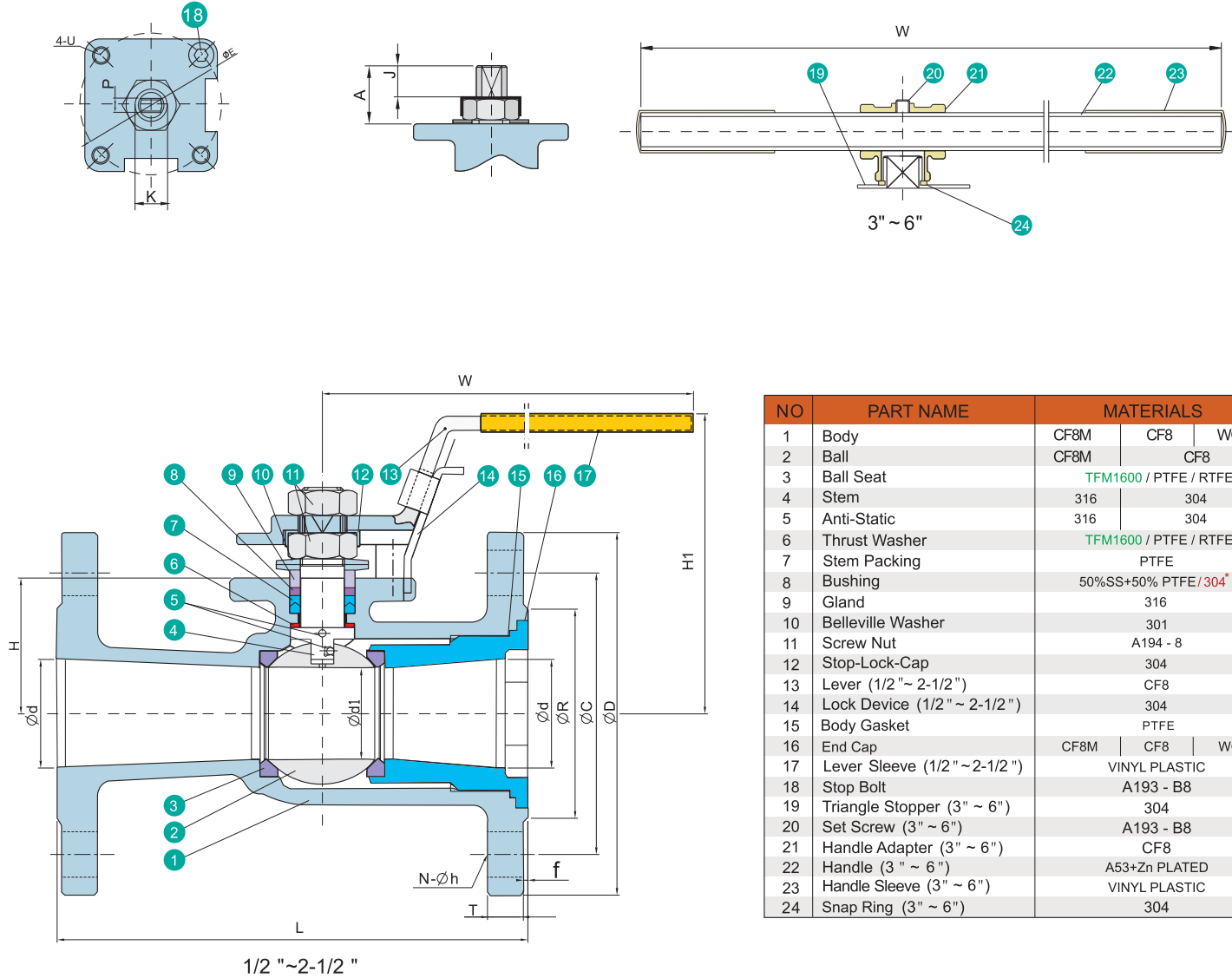
Size\ΔP	300 psig
1/2"	44
3/4"	53
1"	72
1-1/4"	116
1-1/2"	152
2"	220
2-1/2"	320
3"	487
4"	795
6"	1380

ΔP: Differential Pressure

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KFV1015RP

**STAINLESS STEEL ASME CLASS 150**  
**1 - PC Body, Flanged End Ball Valve, Reduced Port, "K Series"**



NO	PART NAME	MATERIALS		
		CF8M	CF8	WCB
1	Body	CF8M	CF8	WCB
2	Ball	CF8M	CF8	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		

■ ASME CLASS 150

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	3/8-24UNF
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	3/8-24UNF
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	9/16-18UNF
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	9/16-18UNF
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	5/8-18UNF
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	5/8-18UNF
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	7/8-14UNF
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	7/8-14UNF
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	11/8-12UNF
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	13/8-12UNF