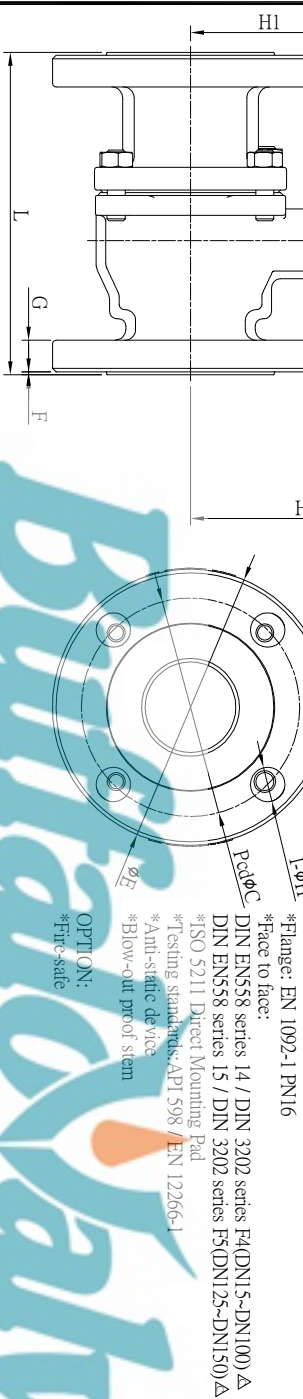
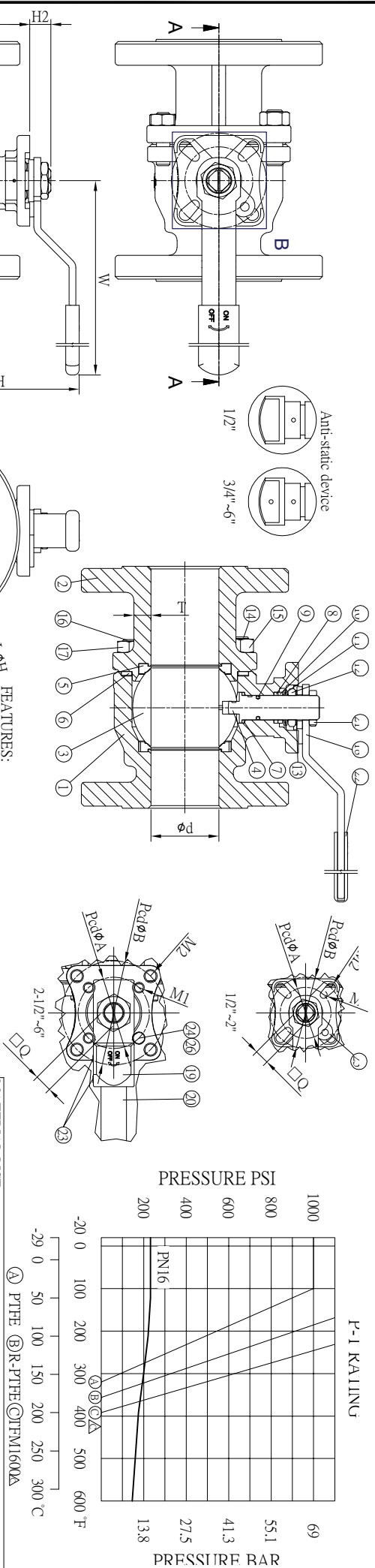




MATERIAL LIST			
No.	PART	Qty	MATERIAL
1	BODY	1	1.4408
2	END CAP	1	1.4408
3	BALL	1	CF8M
4	STEM	1	316
5	SEAT	2	PTFE / R-PTFE / TFM1600
6	BODY SEAL	1	PTFE / R-PTFE / TFM1600 / GRAPHITE
7	TRUST WASHER	1	PTFE / R-PTFE / TFM1600
8	STEM SEAL	2	PTFE / R-PTFE / TFM1600
9	O-RING	1-2	PTFE / R-PTFE / TFM1600 / GRAPHITE
10	GRAND RING	1	304
11	DISC SPRING	2	301
12	STEM NUT	1	304
13	LOCK WASHER	1	304
14	BODY BOLT-1	1	304
15	BODY NUT-1	1(1/2"-4")	304
16	BODY BOLT-2	3-7	304
17	BODY NUT-2	3-7(1/2"-4")	304
18	HANDLE	1(1/2"-2")	304
19	HANDLE ADAPTER	1(2-1/2"-6")	CF8
20	HANDLE BAR	1(2-1/2"-6")	304
21	HANDLE NUT	1	304
22	HANDLE SLEEVE	1	PLASTIC
23	SET SCREW	2(2-1/2"-6")	304
24	STOP PIN	1(2-1/2"-6")	304
25	STOPPER	1(1/2"-2")	304
26	NOT FOR PART 24	1(5'-6")	304

DIMENSIONS															
SIZE	Φd	ΦA	ΦB	ΦC	ΦE	F	G	I-H	M1	M2	□Q	L	W	H	T
1/2"	15	42	-	65	95	2.0	14	4-14	Φ6	-	9.0	115	165 Δ	93	49.5
3/4"	20	42	-	75	105	2.0	16	4-14	R3.0	R3.5	9.0	120	165 Δ	97	53.1
1"	25	42	50	85	115	2.0	16	4-14	R3.0	R3.5	11	125	165	98	57.5
1-1/4"	32	50	70	100	140	2.0	16	4-18	R3.5	R4.5	14	130	205	106	71.5
1-1/2"	40	50	70	110	150	3.0	15	4-18	R3.5	R4.5	14	140	205	111	76.5
2"	50	50	70	125	165	3.0	17	4-18	R3.5	R4.5	14	150	205	118	83.5
2-1/2"	65	70	102	145	185	3.0	15	4-18	M10	Φ11	17	170	280	152	118.5
3"	80	70	102	160	200	3.0	17	8-18	M10	Φ11	17	180	280	163	129.5
4"	100	70	102	180	220	3.0	17	8-18	M10	Φ11	17	190	380	178	145
5"	125	102	125	210	250	3.0	19	8-18	R6.0	R7.0	27	325	610	202	158.5
6"	150	102	125	240	285	3.0	19	8-22	R6.0	R7.0	27	350	610	219	175

Note : 1.Torque over standard within 5% is accepted.
2.The torque standard of TFM1600 is the same as R-PTFE.
3.The torque standard of fire-safe products is 1.25 times of above values.

TOLERANCE(mm)		TRADE		AGENCY		CUS_NO		ITEM		NO		PART		QTY		EDITION		DATE		DISTRIBUTION	
MACHINING		CASTING		SURFACE ROUGHNESS		1.4408 / 1.0619		V2FH		MM		SCALE		MANAGER		QC		DRAWER			
0.5~6		±0.1		±0.2		75~100		±0.8		▽▽▽		0.8s		0.8z		0.2a		V/Rz63			
6~30		±0.2		10~25		±0.25		>100		±1%		▽▽		6.3s		6.3z		1.6a		V/Rz16	
30~120		±0.3		25~50		±0.4		ANGLE		±1°		▽		100s		100z		25a		V/Rz1	
120~400		±0.5		50~75		±0.6															