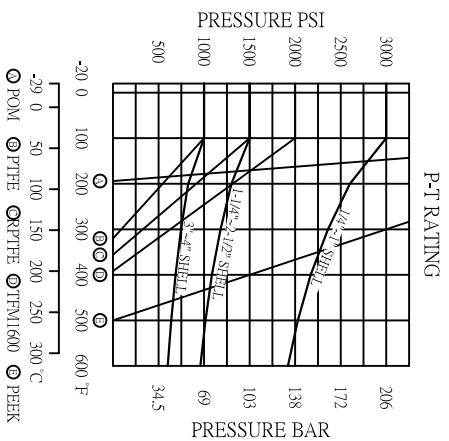




SIZE	Ød	End-to-End ± 2				L2	H1±1	H2	H3±3	ISO 5211				ØE	ØE1	ØS	□P	ØC	T	ØD	TORQUE(Nm)					
		M3		MFG						PctØA / PctØB	□Q	R1	R2								*	**	POM	PEEK	RPTEE	PTFE
		L	LB	L	LB																					
1/4"	11	65	70	60	60	22.7	11	34	68	F03/Ø36	9.0	Ø6.0	-	18	12	14.1	37.5	6.5	M6	40	117	117	10	12	5.5	5.5
3/8"	12.7	65	70	60	60	22.7	11	34	68	F03/Ø36	9.0	Ø6.0	-	18	14	17.6	37.5	6.5	M6	40	117	117	10	12	5.5	5.5
1/2"	16	75	75	65	65	24	11	38	72	F03/Ø36 / F04/Ø42	9.0	R3.0	R3.0	22	17.1	21.7	41.5	6.5	M6	44	117	117	15	16	8.0	7.5
3/4"	20	80	80	75	75	28	12	43	79	F03/Ø36 / F04/Ø42	11	R3.0	R3.0	27.5	22.5	27.1	41.5	8.4	M8	53.4	127	127	20	22	12	9.0
1"	25	90	100	85	85	34	12	50	85	F04/Ø42 / F05/Ø50	11	R3.0	R3.5	35	28	33.8	50.4	8.4	M8	65	170	209	25	30	16.5	12
1-1/4"	32	110	110	100	100	44	12	55	88	F04/Ø42 / F05/Ø50	11	R3.0	R3.5	44	33.5	44	50.4	10.6	M10	77	170	209	35	40	20	16.5
1-1/2"	38	120	125	110	110	53	16	65	107	F05/Ø50 / F07/Ø70	14	R3.5	R4.5	50	43	50	66.5	10.6	M10	93	182	259	45	60	35	28
2"	50	140	150	130	130	65	16	75	116	F05/Ø50 / F07/Ø70	14	R3.5	R4.5	61.5	53	61.5	66.5	10.6	M10	122	182	259	55	90	50	43
2-1/2"	65	185	185	170	170	74.6	24	103	153	F07/Ø70 / F10/Ø102	17	R4.5	R5.5	76	65	76.9	90	12.6	M12	140	333	333	70	110	70	60
3"	80	205	205	190	190	87	24	113	165	F07/Ø70 / F10/Ø102	17	R4.5	R5.5	92	80	89.8	90	12.6	M12	160	333	333	90	145	90	76
4"	100	240	240	220	220	112.5	40	150	205	F10/Ø102 / F12/Ø125	22	R5.5	R6.5	115	100	115.4	113	17.5	M16	210	333	333	120	190	120	100

FEATURES:

*ISO 5211 DIRECT MOUNTING PAD

*ANTI-STATIC DEVICE

1/4"-1/2"-BODY-STEM :

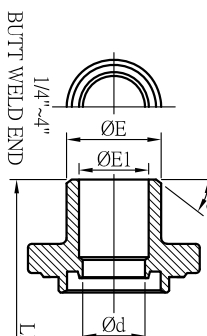
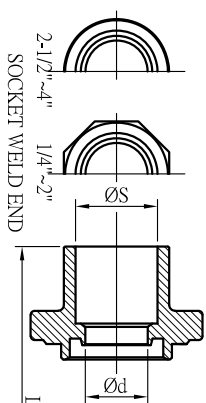
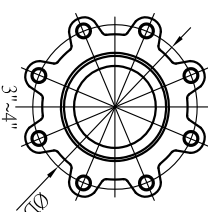
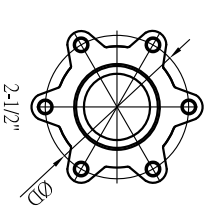
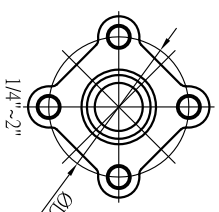
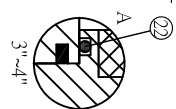
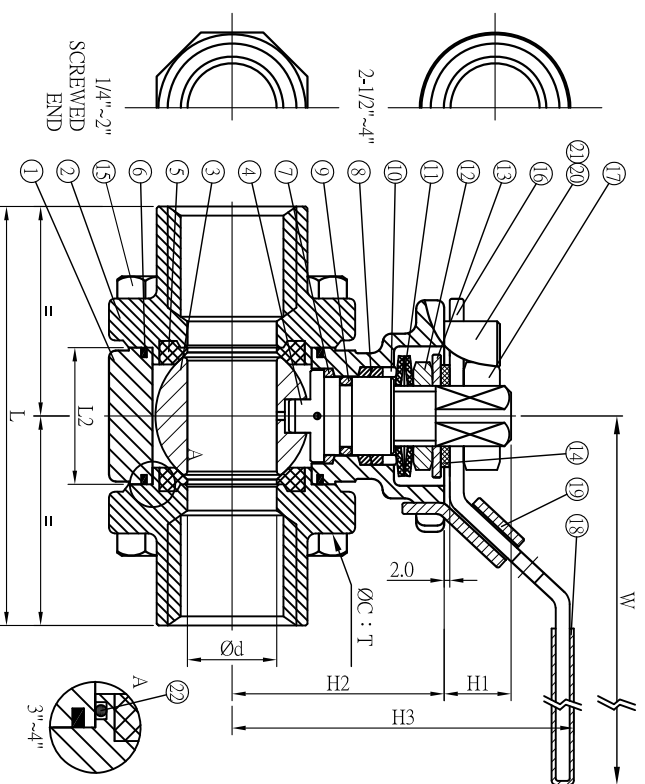
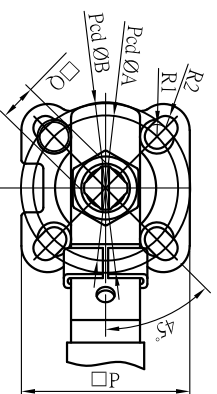
3/4"-4"-BODY-STEM-BALL

*BLOW-OUT PROOF STEM

*FIRE-SAFE CERTIFICATED

*FOR PTFE / RPTEE ; **FOR POM / PEEK

TORQUE OVER STANDARD WITHIN 5% IS ACCEPTED.
TORQUE OF TM1600 & MG1431 IS THE SAME AS RPTEE.
TORQUE OF NON-GREASE SEATS IS 1.4 TIMES OF ABOVE VALUES.



ITEM	PARTS	Q'ty	MATERIALS
1	BODY	1	CF8M CF8 WCB
2	END CAP	2	CF8M CF8 WCB
3	BALL	1	CF8M CF8
4	STEM	1	316 304
5	SEAT	2	POM / PEEK / TM1600 / R-PTFE / MG1431 / PTFE
6	BODY SEAL	2	GRAPHITE
7	THRUST WASHER	1	MG1431
8	STEM SEAL	2	GRAPHITE
9	O-RING	1	VITON
10	GLAND RING	1	304
11	DISC SPRING	2	301
12	STEM NUT	1	304
13	LOCK WASHER	1	304
14	SPACER	1	304
15	BODY BOLT	8-16	304
16	HANDLE	1	304
17	HANDLE NUT	1	304
18	HANDLE SLEEVE	1	PLACTIC
19	LOCK DEVICE	1	304
20	STOP PIN	1	304
21	NUT FOR PART 20	0-1	304
22	O-RING	2	VITON



Rev.	Date	Description	Type	2000 PSI	Rev.	G
1	2024/01/26		V-3W/MH			
Checked	Morris	Scale	Fit	Date	2023/01/31	
Drawn	Aaron	Describe	3-Piece Mounting Pad Full Port Ball Valve			