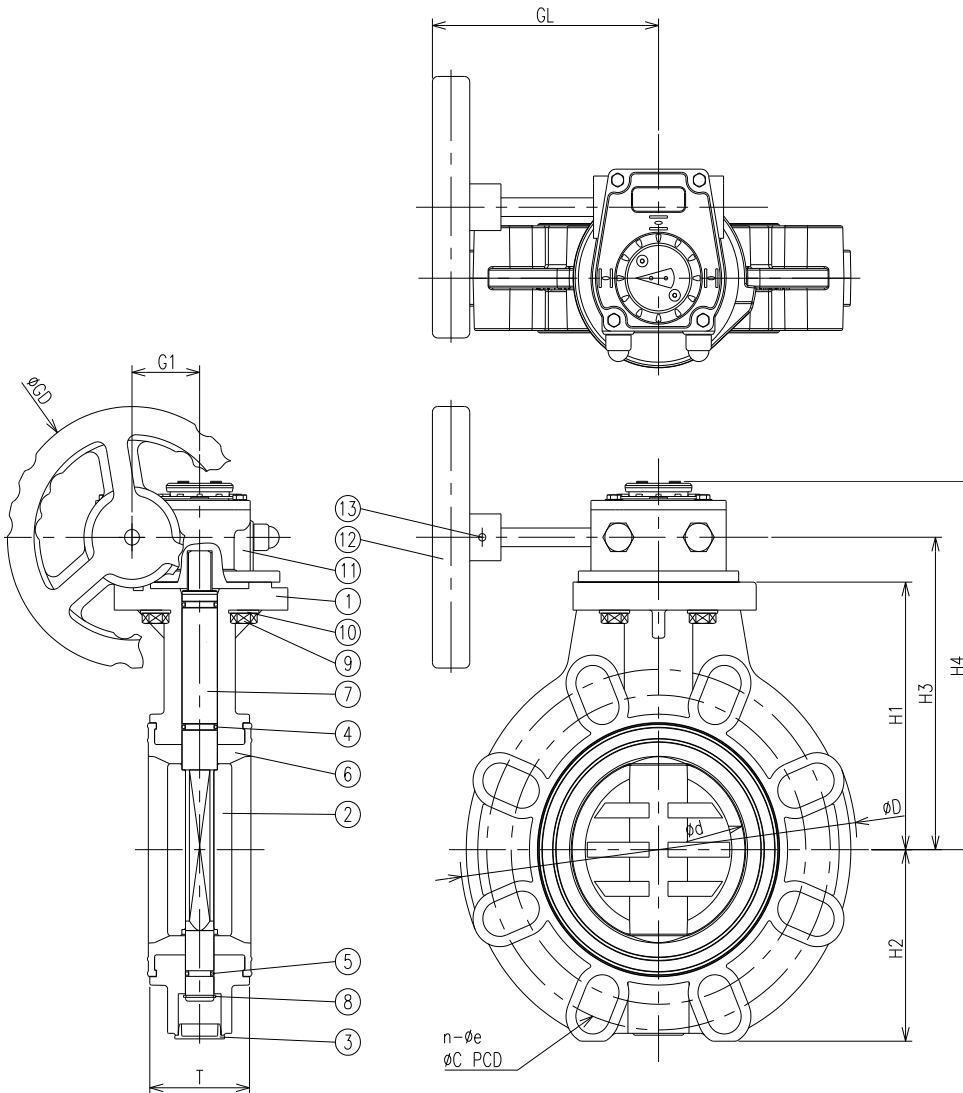


SUPERTUNG

D.P.S. BUTTERFLY VALVE-GEAR BOX 2"~12"



- Universal bolt holes suitable for ASTM, DIN and JIS systems
- Working pressure 2"~12" : 150 PSI / 73°F
- Low flow loss and Easy operation
- Protection for over tightening of mounting flange



No	PARTS NAME	Q'TY	MATERIAL
1	BODY	1	PVC, CPVC
2	DISC	1	PVC, CPVC
3	BODY CAP	1	ABS
4	STEM O-RING	2	EPDM, FPM
5	STEM O-RING	1	EPDM, FPM
6	SEAT	1	EPDM, FPM
7	STEM	1	SUS410
8	C-RING	1	SUS304
9	BOLT	4	SUS304
10	WASHER	4	SUS304
11	WORM GEAR	1	FCB
12	HANDWHEEL	1	SS400
13	PIN	1	SS41

SIZE	D	T	H1	H2	H3	H4	d	ANSI		DIN		JIS		G1	GL	GD
								⌀ C	n- ⌀ e	⌀ C	n- ⌀ e	⌀ C	n- ⌀ e			
2" (50mm)	156	43	103	72	127	157	57	120.7	4-19	125	4-18	120	4-19	38	127	140
2-1/2" (65mm)	177	46	114	80	138	168	68	139.5	4-19	145	4-18	140	4-19	38	127	140
3" (75mm)	191	49	126	88	150	180	78	152.4	4-19	160	8-18	150	8-19	38	127	140
4" (100mm)	223	56	143	103	167	197	98	190.5	8-19	180	8-18	175	8-19	38	127	140
5" (125mm)	253	64	170	117	202	237	122	215.9	8-23	210	8-18	210	8-23	45	166	200
6" (150mm)	279	70	181	129	213	248	145	241.5	8-23	240	8-23	240	8-23	45	166	200
8" (200mm)	337	71	218	162	250	285	195	298.5	8-23	295	8-23	290	12-23	45	166	200
10" (250mm)	409	114	261	196	297	334	250	362	12-25	350	12-23	355	12-25	55	191	300
12" (300mm)	478	114	302	228	338	375	300	432	12-25	400	12-23	400	16-25	55	191	300

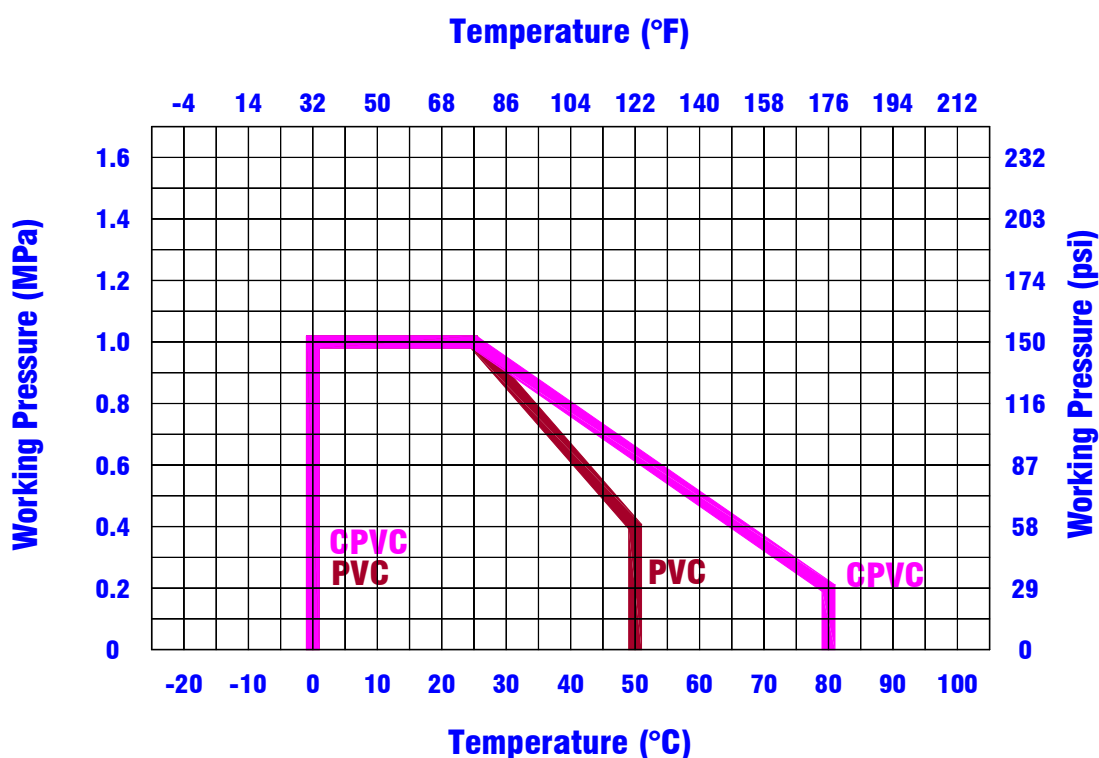
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Technical Information

Item	Description	Size	Material		
			Body	Seat	O-ring
(1)	Butterfly Valve	2"(DN50)	PVC,CPVC	EPDM,FPM	EPDM,FPM
(2)	Butterfly Valve	2-1/2"(DN65)	PVC,CPVC	EPDM,FPM	EPDM,FPM
(3)	Butterfly Valve	3"(DN80)	PVC,CPVC	EPDM,FPM	EPDM,FPM
(4)	Butterfly Valve	4"(DN100)	PVC,CPVC	EPDM,FPM	EPDM,FPM
(5)	Butterfly Valve	5"(DN125)	PVC,CPVC	EPDM,FPM	EPDM,FPM
(6)	Butterfly Valve	6"(DN150)	PVC,CPVC	EPDM,FPM	EPDM,FPM
(7)	Butterfly Valve	8"(DN200)	PVC,CPVC	EPDM,FPM	EPDM,FPM
(8)	Butterfly Valve	10"(DN250)	PVC,CPVC	EPDM,FPM	EPDM,FPM
(9)	Butterfly Valve	12"(DN300)	PVC,CPVC	EPDM,FPM	EPDM,FPM

Size	Hydrostatic Testing		Seat and O-ring Tests		Torque N*m	Cv
	Burst pressure water(kg/cm ²) minimum	Long-term behaviour test water(kg/cm ²)	Seat valve close water kg/cm ²	O-ring valve open water kg/cm ²		
2"(DN50)	42	22	11	11	15	110
2-1/2"(DN65)	42	22	11	11	20	230
3"(DN80)	42	22	11	11	25	280
4"(DN100)	42	22	11	11	40	440
5"(DN125)	42	22	11	11	55	800
6"(DN150)	42	22	11	11	75	1000
8"(DN200)	42	22	11	11	110	2200
10"(DN250)	42	22	6 (air test)	6 (air test)	250	3500
12"(DN300)	42	22	6 (air test)	6 (air test)	350	5400

Working pressure vs. Temperature



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