XIAMEN SANIDENG PLASTICS INDUSTRY CO.,LTD

Handle Level Butterfly Valve

ADVANTAGES:

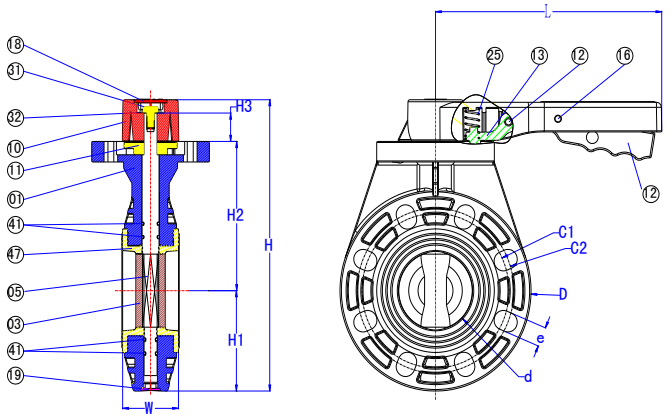
1) Improved PP disc to enhance the performance
2) Thickened body & seal to extend the service life
3) Materials meet drinking water standard
4) 100% pure virgin material, CaCO3 free (Chalk)
5) UV resistant powder added
6) Can be assembled with Pneumatic/Electtric Actuators



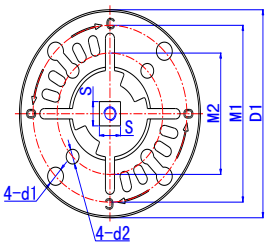
DESCRIPTION:

1) Material: PVC, CPVC, PP, PVDF
2) Size: 1½" - 8"; 63mm - 225mm ; DN50 - DN200
3) Standard: ANSI, DIN, JIS
4) Joint End: Flanges
5) Working Pressure: 150 PSI
6) Operating Temperature: PVC(0~55℃); CPVC & PP(0~95℃)
7) Valve body color : PVC(dark gray), CPVC(light gray), PP(light yellow)

SPECIFICATIONS:



ITEM	PART	MATERIAL	QTY
01	BODY	PVC / CPVC / PP / PVDF	1
03	DISC	PP	1
05	STEM	SS 304	1
10	HANDLE	ABS	1
11	STEM WASHER	PVC / CPVC / PP / PVDF	1
12	HANDLE LEVEL	PVC / CPVC / PP / PVDF	1
13	LOCKER PLATE	PVC / CPVC / PP / PVDF	1
16	SET PIN	ABS	2
18	CAP	ABS	1
19	BOTTOM CAP	PP	1
25	SPRING	SS 304	1
31	BOLT	SS 304	1
32	PAD	SS 304	1
41	ORING	EPDM / VITON	4
47	SEAL	EPDM / VITON	1



Unit: MM

SIZE	d	C1	C2	H	H1	H2	H3	D
1½"（40）	40.00	98.00	110.00	228.00	74.00	114.00	26.00	148.00
2"（50）	52.00	120.00	125.00	245.00	81.00	124.00	26.00	162.00
2½"（65）	66.00	140.00	145.00	259.00	89.50	129.00	26.00	179.00
3"（80）	78.50	150.00	160.00	283.00	97.50	145.00	26.00	195.00
4"（100）	104.00	175.00	190.50	313.00	112.50	160.00	26.00	225.00
5"（125）	127.00	210.00	216.00	348.00	127.50	175.00	30.00	255.00
6"（150）	151.00	240.00	241.00	375.00	140.00	190.00	30.00	280.00
8"（200）	200.00	290.00	298.00	434.00	172.50	219.50	30.00	340.00

SIZE	D1	M1	M2	d1	d2	S	W	L	n-e		operating torque (N·M)
									JIS	DIN/ANSI	
1½"（40）	105.00	70.00	50.00	8.50	6.50	13.90	34.00	231.00	4-19		12
2"（50）	105.00	70.00	50.00	8.50	6.50	13.90	44.00	231.00	4-19		15
2½"（65）	105.00	70.00	50.00	8.50	6.50	13.90	46.00	231.00	4-19		18
3"（80）	120.00	102.00	70.00	10.50	8.50	13.90	57.00	231.00	8-19		20
4"（100）	120.00	102.00	70.00	10.50	8.50	13.90	60.00	231.00	8-19		30
5"（125）	120.00	102.00	70.00	10.50	8.50	16.90	66.00	280.00	8-23		42
6"（150）	120.00	102.00	70.00	10.50	8.50	16.90	72.00	280.00	8-23		48
8"（200）	120.00	102.00	70.00	10.50	8.50	21.90	82.00	280.00	12-23	8-23	80

DESIGNS:

① Increase in pneumatic / electric operating platform to facilitate customer replacement screw hole
② Update the design with switching angle control, easy to remove rusty metal
③ Increase the height of the neck for easy installation
④ Valve designed for the whole circle, heavier weight, higher performance of force area to extend the service
⑤ Sealing surface is processed by CNC machines, reliable sealing
⑥ Through hole is processed via CNC machine, sealing performance is improved.
⑦ An attractive design with handle, widening the force area, to extend the service life is not easy to break
⑧ The grip change to plastic material, to eliminate the possibility of old rust and easy to operate
⑨ Ribs are added on the seal to enhance sealing performance.
⑩ Enhance the physical properties of modified PP for the gate
(11) SS304 coarse steel shaft to ensure that high-pressure-resistant, will not be affected by a slight deformation of the sealing performance

