

FEATURES AND BENEFITS

- Corrosion resistant thermoplastic body, disc and handle.
- Compact, light weight design
- Full boot seal for durable performance. No flange gaskets required.
- ANSI B16.5 Class 150 & DIN Flange Pattern
- Impact-resistant ABS Handle with position indicator
- Pressure rating: 150 psi max, non-shock water @ 73° F for 3 – 6", 100 psi max for 8".
- 100% Bubble tight seal
- Stainless Steel Stem

SAMPLE ENGINEERING SPECIFICATIONS

Butterfly valves shall be lever actuated. Valve body and disc shall be produced of PVC Type I, cell classification 12454. Valve boot/seal and O-rings shall be made of EPDM material. Shaft shall be made of stainless steel. The disc bore (center) shall contain a integrally molded stainless steel reinforcement square liner, which engages with the stainless steel valve shaft. Boot/seal (liner) and disc shall be the only wetted parts of the valve. Lever handle shall be produced of ABS material, and shall be capable of locking in multiple, marked positions from opening to close. Bolt pattern shall conform to ANSI/ASME B 16.5 Class 150, and DIN standard. Colonial 711N Series.

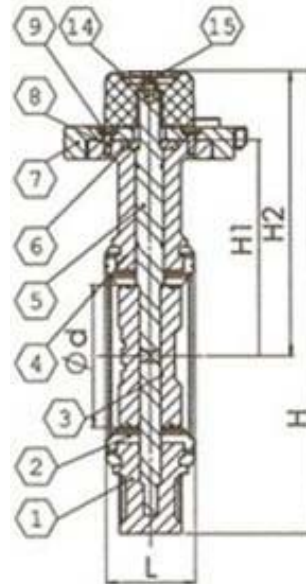
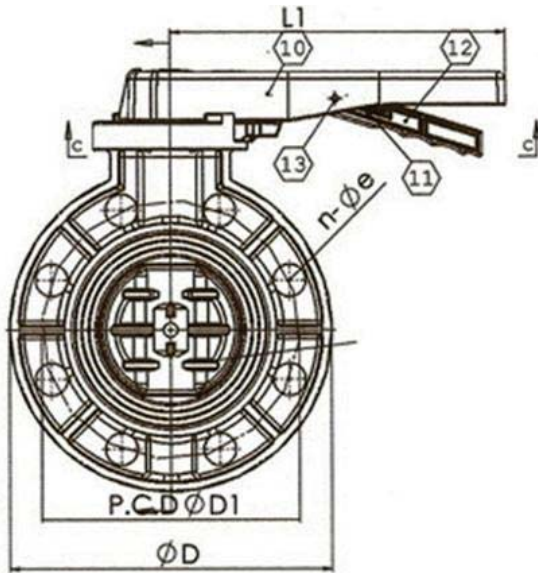


- See 411NG Series for 8, 10, 12" sizes with gear operator



Revised 10/31/11





Dimensions (mm)

ANSI	3"	4"	6"	8"
DIN	80	100	160	200
P.C.D. ANSI	152	191	241	298
P.C.D. DIN	160	180	240	295
Ø D	196	228	287	344
Ø d	78	98	151	199
L	49	54	70	88
L 1	240	240	310	310
W	55	55	72	72
H1	120	140	181	215
H2	172	194	239	280
H	270	308	382	452
n - ø e ANSI	4 - 19	8 - 19	8 - 23	8 - 23
n - ø e DIN	8 - 19	8 - 19	8 - 23	8 - 23

Dimensions (inches)

ANSI	3"	4"	6"	8"
DIN	80	100	160	200
P.C.D. ANSI	5.98	7.52	9.49	11.73
P.C.D. DIN	6.30	7.09	9.45	11.61
Ø D	7.72	8.98	11.30	13.54
Ø d	3.07	3.86	5.94	7.83
L	1.93	2.13	2.76	3.46
L 1	9.45	9.45	12.20	12.20
W	2.17	2.17	2.83	2.83
H1	4.72	5.51	7.13	8.46
H2	6.77	7.64	9.41	11.02
H	10.63	12.13	15.04	17.80
n - ø e ANSI	4 - 0.748	8 - 0.748	8 - 0.906	8 - 0.906
n - ø e DIN	8 - 0.748	8 - 0.748	8 - 0.906	8 - 0.906

Materials

ITEM	DESCRIPTION	MATERIAL
1	Body	PVC
2	Seat Seal	EPDM
3	Disc	PVC
4	O-ring	EPDM
5	Stem	304 SS
6	Bearing	ABS
7	Index Plate	ABS
8	Screw	SS
9	Cap	ABS
10	Handle	ABS
11	Spring	304 SS
12	Lever	ABS
13	Set Pin	Steel
14	Bolt	Steel
15	Cap	ABS

Size	Part Number	Master Ctn Qty	Working Pressure*
3"	V30711N	4	150 psi
4"	V40711N	4	150 psi
6"	V60711N	4	150 psi
8"	V80711N	1	100 psi

*non-shock water at 73°F

Temperature / pressure de-rating

Temp (F°)	PVC
73	1.00
80	0.88
90	0.75
100	0.62
110	0.50
120	0.40
130	0.30
140	0.22
150	NR



COMPRESSED AIR WARNING

The products in this document are only intended for use in transferring or storing chemically compatible pressurized liquids. **Do not test or use products in this document with compressed air or other gases.** Doing so is dangerous and could cause injury or great bodily harm should a system fail under compressed air. Only use products that are specifically designed for compressed air/gas service. Call Colonial technical service for more information.

AIR/GAS