711N SERIES BUTTERFLY VALVE — 2 - 8" LEVER

FEATURES AND BENEFITS

- Corrosion resistant thermoplastic body, disc and handle.
- Ideal for On/Off Service or for Throttling
- Compact, light weight design
- Full boot seal for durable performance. No flange gaskets required.
- ANSI B16.5 Class 150 & DIN Flange Pattern
- Heavy-duty PVC Handle with position indicator
- Pressure rating: 150 psi, non-shock water @ 73° F for 2 – 6", 100 psi for 8".
- 100% Bubble tight seal
- Stainless Steel Stem
- 3 – Year Limited Warranty

• See 411NG Submittal for 2-16" sizes with gear operator



SAMPLE ENGINEERING SPECIFICATIONS

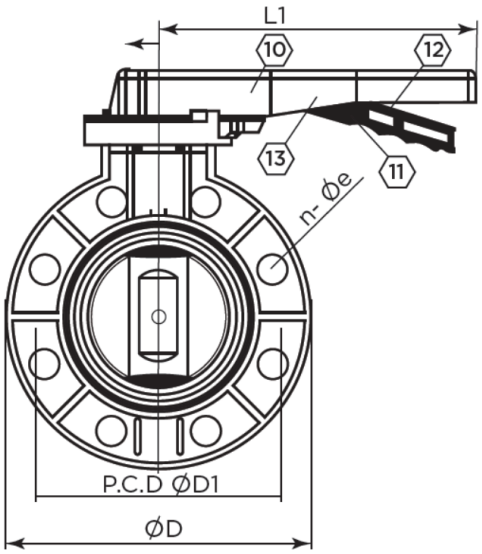
Butterfly valves shall be lever actuated. Valve body and disc shall be produced of PVC Type I, cell classification 12454. Valve boot/seal and O-rings shall be made of EPDM material. Stem shall be made of stainless steel. The disc bore (center) shall contain a integrally molded stainless steel reinforcement square liner, which engages with the stainless steel valve stem. Boot/seal (liner) and disc shall be the only wetted parts of the valve. Lever handle shall be produced of PVC 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, DIN, and BS 4504 PN6 PCD. Colonial 711N Series.

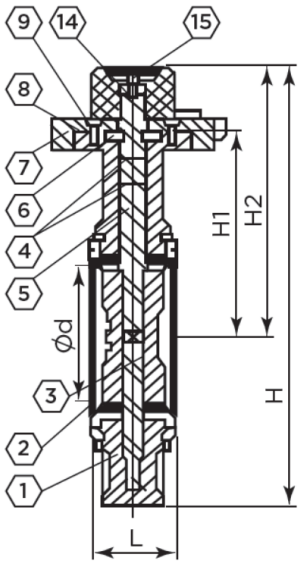


Revised 10/1/26 Stem 316, updated photo

COLONIAL VALVE
A DIVISION OF COLONIAL ENGINEERING, INC.

CUSTOMER SERVICE: 6400 Corporate Ave., Portage, MI 49002
Toll-free (800)374 0234, Phone (269)323 2495, Fax (269) 323 0630 www.colonialengineering.com





Size	Part Number	Master Ctn Qty	Working Pressure*
2"	V20711N	4	150psi
3"	V30711N	4	150 psi
4"	V40711N	4	150 psi
6"	V60711N	4	150 psi
8"	V80711N	1	100 psi

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

*non-shock water at 73°F

Dimensions (mm)

ANSI	2"	3"	4"	6"	8"
DIN	50	80	100	160	200
PCD ANSI	121	152	191	241	298
PCD DIN	125	160	180	240	295
PCD BS 4504 PN6	110	150	170	225	280
ø D	160	196	228	287	344
ø d	50	78	98	151	199
L	43	52	55	71	88
L 1	193	240	240	310	310
W	55	55	55	72	72
H1	100	120	140	181	215
H2	143	172	194	239	280
H	223	270	308	382	452
n - ø e ANSI	4 - 19	4 - 19	8 - 19	8 - 23	8 - 23
n - ø e DIN	8 - 19	8 - 19	8 - 19	8 - 23	8 - 23

Dimensions (inches)

ANSI	2"	3"	4"	6"	8"
DIN	50	80	100	160	200
PCD ANSI	4.76	5.98	7.52	9.49	11.73
PCD DIN	4.92	6.30	7.09	9.45	11.61
PCD BS 4504 PN6	4.33	5.91	6.69	8.86	11.02
ø D	6.30	7.72	8.98	11.30	13.54
ø d	1.95	3.07	3.86	5.94	7.83
L	1.69	2.04	2.18	2.80	3.46
L 1	7.60	9.45	9.45	12.20	12.20
W	2.17	2.17	2.17	2.83	2.83
H1	3.94	4.72	5.51	7.13	8.46
H2	5.63	6.77	7.64	9.41	11.02
H	8.78	10.63	12.13	15.04	17.80
n - ø e ANSI	4 - 0.748	4 - 0.748	8 - 0.748	8 - 0.906	8 - 0.906
n - ø e DIN	8 - 0.748	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	316 SS
6	Bearing	ABS
7	Index Plate	ABS
8	Screw	SS
9	Cap	PVC
10	Handle	PVC
11	Spring	304 SS
12	Lever	PVC
13	Set Pin	Steel
14	Bolt	Steel
15	Cap	PVC

Note: also available in Contractor Kit with flanges and bolt set. See List Price Sheet for details.



FLUID FLOW COEFFECIENT Cv*

*Gallons per minute @ 1 psi pressure drop

Size	30°	60°	90° (Fully Opened)
2"	12	160	100
3"	15	160	300
4"	24	220	470
6"	55	540	1100
8"	125	1400	2500

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Do not use with compressed air or gas

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