

## ALUMINIUM BUTTERFLY VALVE

**LEHRY MAKE** Butterfly Valve Aluminium Body with Extended Stem for Installation and automation for various piping designs and installation environment.

### Features : -

❖ **Wide range of service applications :**

Stainless steel discs and EPDM rubber seats can handle many different kinds of line fluid without concern of corrosion.

❖ **Rust prevention :**

Parts exposed are Rust Proof SS 304 Grade, body coated with epoxy all weather proof coating.

❖ **Torque Stabilizer :**

A unique feature involving Stem bearing around the top and bottom stem to prevent stem galling and reduce torque for smooth operation.

❖ **Universal Mounting:**

The actuator mounting pads of all necks are designed in conformity with ISO 5211 requirements for direct on-site mounting of actuators which are provided with ISO 5211 valve mounting flanges.

❖ **Extended Stem (Prevention of dew formation) :**

SS 3404 Extended Neck preserves flow temperature, hence dew condensation is minimised in case of cold water service.

❖ **Easy valve-to-flange centering :**

Light weight of die-cast aluminum valve body eases valve-to-flange centering work on mounting valves on pipelines.



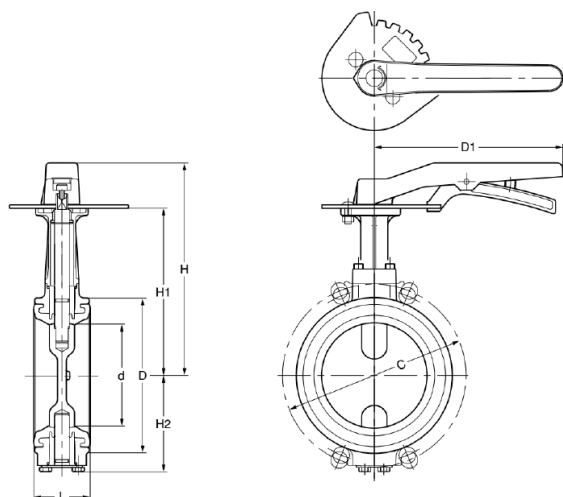
### Specification : -

Parts	Materials
Body	Aluminium Die-Cast/Equivalent ASTM B85-84-383.0
Neck	Stainless Steel-316
Stem	Equivalent ASTM A276 Type 410
Disc	ASTM A351 Gr. CF8M
O-ring	EPDM
Rubber Seat	EPDM
Bearing	Polyphenylenesulfide
Hand Lever	Aluminium Die-Cast

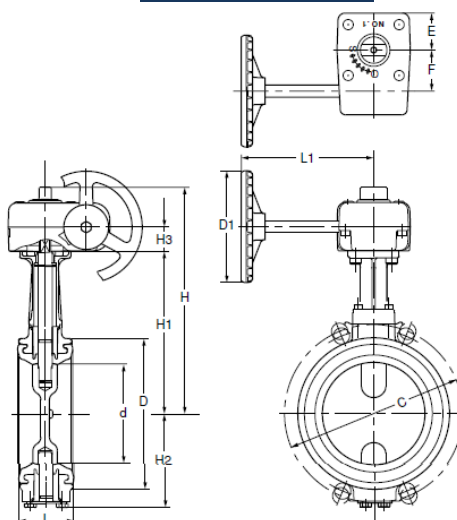
### CV Valve : -

Valve Size		Valve Opening
mm	Inch	
40	1.1/2"	76
50	2"	99
65	2.1/2"	205
80	3"	372
100	4"	723
125	5"	1100
150	6"	1820
200	8"	2780

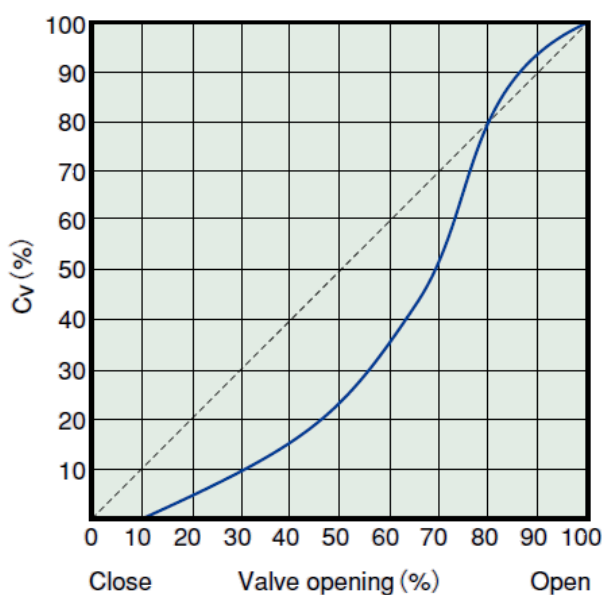
### LEVER OPERATED



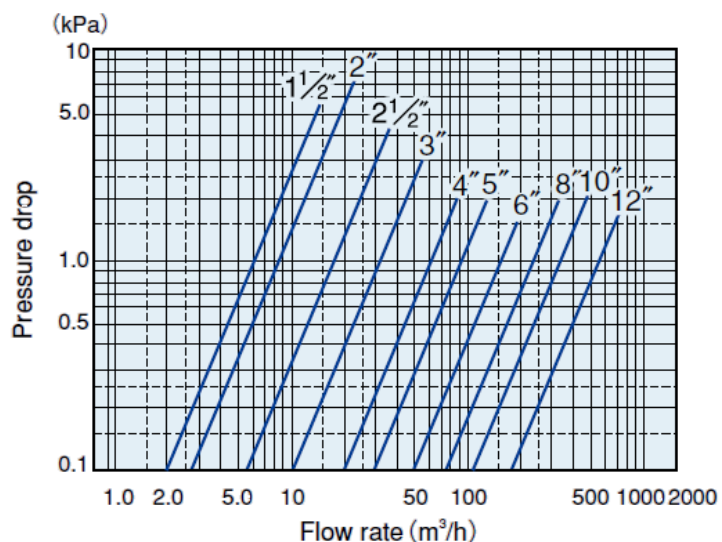
### GEAR OPERATED



### Flow Characteristics



### Pressure Loss



Size		D	H	H1	H2	L	D	D1	Weight
mm	Inch								
LEVER OPERATED									
40	1.1/2"	40	172	128	40	33	80	180	650Gms
50	2"	50	176	132	66	43	93	180	1.3Kg
65	2.1/2"	65	185	141	74	46	118	180	1.6Kg
80	3"	80	193	149	83	46	129	180	1.75Kg
100	4"	100	204	160	94	52	149	180	2.15Kg
125	5"	125	249	195	122	56	184	230	4Kg
150	6"	150	261	207	135	56	214	230	4.6Kg
200	8"	200	281	234	161	60	258	350	7.2Kg

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