

Hi-TECH *ALWAYS AHEAD*

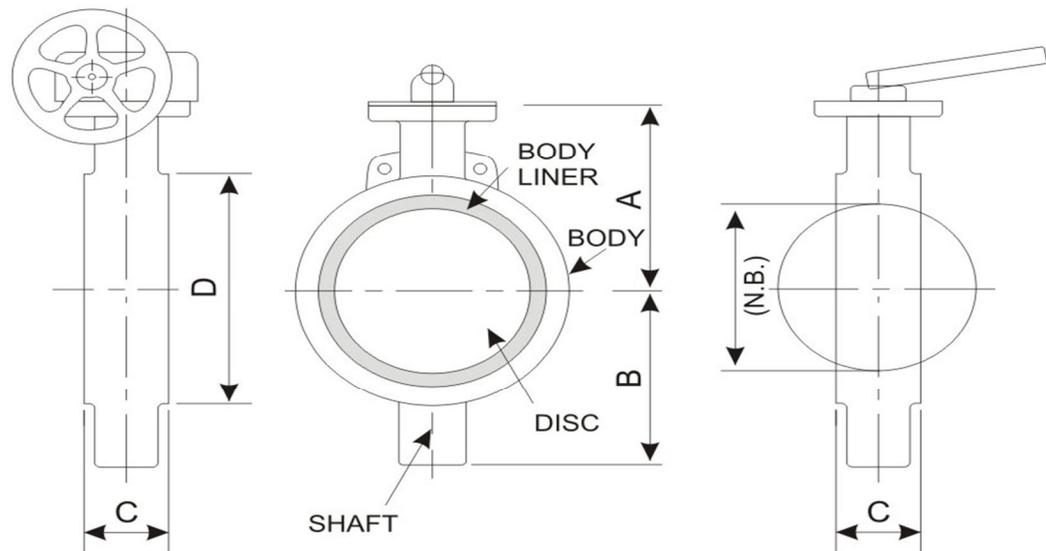
ISO 9000 CERTIFIED CO.

**Hi-Tech Single Piece Body
Bonded Rubber Seated Butterfly Valve**



Hi-TECH BUTTERFLY VALVES INDIA PVT. LTD.

Single Piece Design Butterfly Valves



Valve Size	A	B	C	D	Wt. (Kg.) Approx.
50	103	52	44	89	2
65	116	64	46	118	2.5
80	130	72	46	130	3
100	153	82	52	155	4
125	168	96	56	182	5
150	189	113	58	212	7
200	211	151	62	267	13
250	259	165	68	322	32
300	302	188	80	362	35
350	321	215	88	416	50
400	358	240	100	474	65
450	390	298	112	518	99
500	408	350	122	576	125
600	476	410	152	690	190

All Dimensions in mm

- BODY** : Cast Iron Gr. FG-220/
Ductile (SG) Iron to IS-1865
Cast Steel 216 Gr. WCB/SS-316.
In Investment Casting With Epoxy Coating.
- SEAT (BONDED)** : Natural/Nitrile/Butyle/Hyplon
Neoprene/EPDM/Silicon/Viton.
- DISC** : Cast Steel 216 Gr. WCB/SS 316
SS-904 L/SS-410/CD4MCu/Alloy 20/
Hastelloy-C-22/Nickle
- STEM** : Cast Steel WCB Gr. 216/SS 316 SS-904/
SS-410 L/CD4MCU/Alloy-20/
Hastelloy-C-22/Nickle
- BODY BUSH** : SS-316/DURLIN
- STEM SEALING** : PTFE with EPDM O Ring
- ACTUATION** : Hand Lever/Gear Box/Pneumatic/Electrical
Actuator.





CNC



VMC

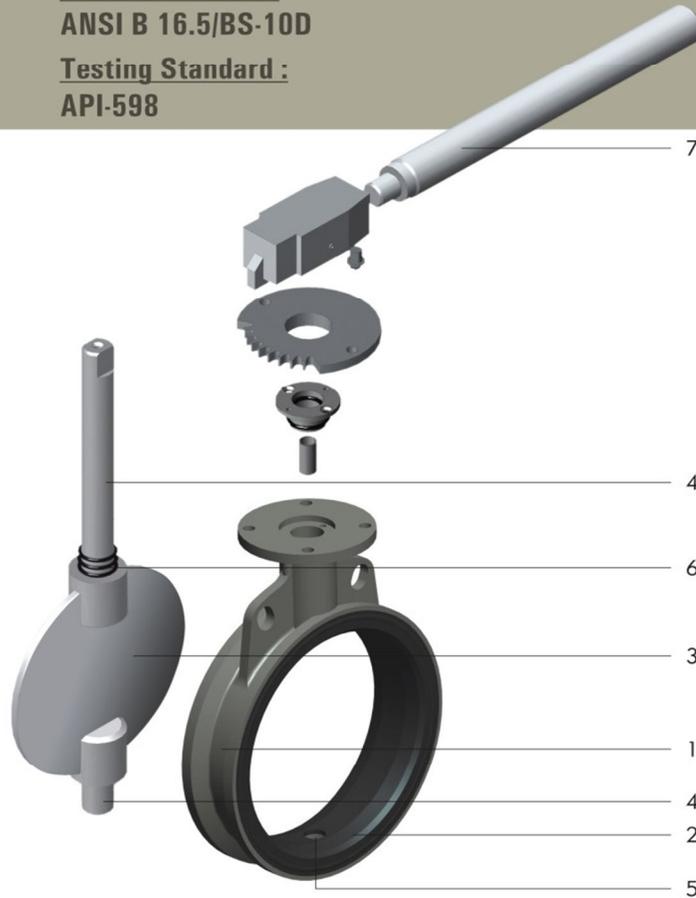


Rating :
PN - 6/10/16

Manufacturing Standard :
API 609 (A) / BS - 5155 / IS 13095

End Connections :
ANSI B 16.5/BS-10D

Testing Standard :
API-598



FEATURES OF THE HI-TECH SINGLE PIECE BODY VALVE

1. Body, Disc & Handle are made from Investment casting.
2. Single piece body design with extended neck to accommodate piping insulation.
3. Thin disc profile provided higher Cv and lower pressure drop.
4. Seat is bonded with the body which gives perfect fixing with the body. The design avoids seat bulging inside and does not move along with the disc movement thus eliminates premature failure and is capable to handle higher pressure also.
5. The seat is specially designed to give sealing with even raised face of slip on flanges.
6. Disc and stem are in two piece design and are coupled with D connection, which eliminates the use of components like Pin or Screw to connect the disc with shaft, thus avoiding leak path & corrosion. The stem is completely isolated from the flow medium.
7. Blow out proof stem is provided as a standard feature.
8. Special Cadmium plating on Body, Disc & Handle provides excellent corrosion resistance (mainly corrosive industry as well as seashore based).
9. The valves are light weight, thus easy to install on PVC HDPE & FRP pipelines etc.
10. Lugs are provided for proper installation and centering of the valve between flanges.
11. Hand lever is made out of investment casting having self adjusting locking arrangement with the shaft. A simple though rugged press and push hand lever has adjustable stops. The in built handle spring is not exposed to the atmosphere thus avoiding hand lever failure.
12. Body material and disc material with pressure rating embossed on the valve.



Hi-TECH BUTTERFLY VALVES INDIA PVT. LTD.

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