

Wafer End Butterfly Valve

PRODUCT SERIES VA-10



Design Features:

- Top Flange Drilled to fit ISO 5211 dimensions.
- Heavy Duty One Piece wafer Body Design.
- Blow Out Proof Stem Sealing.
- Double Piece Stem Design with heavy duty square grooved Disc/Stem Connections.
- Moulded Flat Seals to serve as flange gaskets.
- Low Pressure Loss.

Conformity to Standard & Codes:

Design Standard:

IS-13095, BS EN 593, API 609

Face to Face Dimension:

IS-13095, BS EN 593, API 609

End Detail:

Wafer Ends to suit for insertion b/w ASME B 16.5 #150 / BS 1092 PN10/PN16

Range: 40MM to 300MM

Valve Testing:

IS-13095 & API 598

Applications

- HVAC
- Sugar
- Chemical and petro chemical
- Pulp and paper industries
- Food processing
- Water work systems
- Sewage plants
- Irrigation Systems
- Pharmaceutical



INDUSTRIAL VALVES & CONTROLS

DOC. NO.: VAV-C-1045; REV. NO. : 00; REV. DATE : 01-10-2022



ISO 9001:2015
www.vtm.com
ID: 3103000288



12
months
GUARANTEE

IS : 13095



CM/L NO.: 9503172

www.vtm-valves.com

PART LIST

S.No.	Part Name	Material	Specification	Qty
1.	BODY	CAST IRON	IS210 GR.FG260	1
2.	DISC	DUCTILE IRON/ STAINLESS STEEL	ASTM A 536 GR.60-40-18/IS 1865 GR.SG 400-15/ASTM A351 GR.CF8	1
3.	SEAT	RUBBER	NBR/EPDM	1
4.	UPPER SHAFT	STAINLESS STEEL	ASTM A276 GR.410	1
5.	LOWER SHAFT	STAINLESS STEEL	ASTM A276 GR.410/ACETYL	1
6.	BUSH	PLASTIC	NYLON/PTFE	1
7.	SHAFT SEAL	RUBBER	NBR/EPDM	1
8.	GRUB SCREW	CARBON STEEL	ASTM A307 GR.B	1
9.	CIRCLIP	SPRING STEEL	SPRING STEEL	1
10.	NAME PLATE	STAINLESS STEEL	SS202	1
11.	WASHER	MILD STEEL	MILD STEEL	1
12.	FASTNERS	CARBON STEEL	BS 1083	2

DIMENSIONS

Size	A	B	C	D	E	F	G	H	I	J
50MM	43	50	71	100	65	50	9	27.5	7	4
65MM	46	65	74	110	65	50	9	27.5	7	4
80MM	46	78	87	116	65	50	9	27.5	7	4
100MM	52	100	106	134	90	70	11	29.0	9	4
125MM	56	122	114	160	90	70	11	29.0	9	4
150MM	56	148	134	172	90	70	14	29.0	9	4
200MM	60	200	162	212	90	70	17	32.0	11	4
250MM	68	251	205	245	125	102	22	32.0	11	4
300MM	78	301	235	272	125	102	22	32.0	11	4

*All Dimensions are in MM unless and Otherwise Specified.

HAND LEVER

SIZE	L1	L2	H1	H2
32/40/50/65/80MM	240.00	214.00	25.00	31.00
100/125/150MM	290.00	259.00	25.00	31.00
200MM	390.00	354.00	28.00	33.00
250/300MM	550.00	354.00	32.00	33.00

GEAR BOX SIZES

SIZE	RATIO	TURN TO CLOSE	MAX OUTPUT TORQUE(NM)	A	B	C	D	E
50 -150MM (1¼" -6")	38:1	9.5	300	145	150	54	50 or 70	4
200MM (8")	38:1	9.5	300	145	200	54	70	4
250-300MM (10"-12")	32:1	8.0	900	203	250	71	102	4

NOTE: VTM designed electrical actuators are available on demand.
VTM designed pneumatic actuators are available on demand.

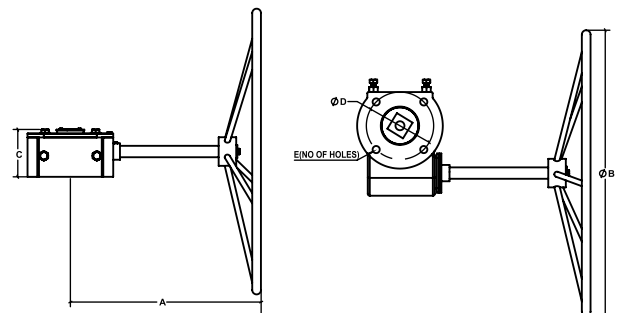
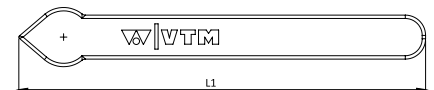
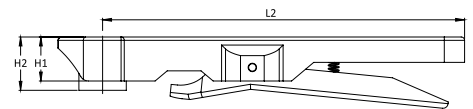
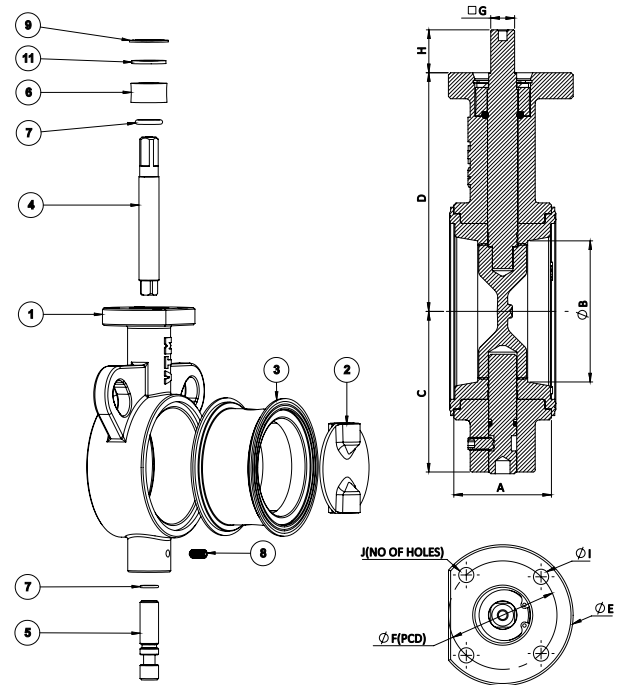
V.A. VALVES

ISO 9001:2015 CERTIFIED

Regd. Office & Works : Udyog Nagar,
Gadaipur Industrial Zone, Jalandhar - 144004
Phone : +91-181-2601540, 2601541; Fax : +91-181-2601741
E-Mail : vavalves@vtm-utam.com, info@fedrelflowmeters.com

Website : www.vtm-utam.com, www.fedrelflowmeters.com

Due to continuous development program, design and data in this leaflet are subject to change without prior notice.



TEST PRESSURE

RATING	SHELL (BAR)	SEAT (BAR)
PN-10	15.0	11.0
PN-16	24.0	18.0

Authorized Stockist

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PIONEERING FLUID CONTROL WATER & FLOW METERS
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