

Butterfly Valves

VA-27

Design Features:

- Top Flange Drilled to fit ISO 5211 dimensions.
- Heavy Duty One Piece wafer Type Body Design.
- Extended Neck Serves for 50mm (2") piping insulation from line media.
- Blow Out Proof Stem with Primary & Secondary Sealing.
- Both Single & Double Piece Stem Design with heavy duty square grooved Disc/Stem Connections.
- Moulded O-Ring seals to serve as flange gaskets.
- Low Pressure Loss.

Conformity to Standards and Codes:

Design: API 609, BS5155, ISO5211

Face to Face: API 609

End Details: Suitable for insertion between

- ASME B16.5 #150
- BS4504 PN-19/PN-16
- BS10 Table D/E/F Flanges

Range: 40mm to 300mm

Valve Testing: 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-1027; REV. NO. : 02; REV. DATE : 30-09-2020



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PART LIST

S.NO	PART NAME	MATERIAL	SPECIFICATION	QTY
1.	BODY	S.G.IRON	ASTM A536 GR. 65-45-12/IS 1865 GR. 500/7	1
2.	DISC	S.G.IRON/STAINLESS STEEL	ASTM A536 GR. 65-45-12/IS 1865 GR. 500/7/ASTM A351 GR.CF8/CF8M	1
3.	SEAT	RUBBER/PLASTIC	NBR/EPDM/PTFE/VITON	1
4.	MAIN SHAFT	STAINLESS STEEL	ASTM A 276 GR. 410	1
5.	PIVOT SHAFT	STAINLESS STEEL	ASTM A 276 GR. 410	1
6.	PIVOT SHAFT BUSH	PLASTIC	LDPE	1
7.	PLUG O-RING	RUBBER	NBR/EPDM	1
8.	PLUG	S.G. IRON/ALUMINIUM ALLOY	ASTM A536 GR. 65-45-12/IS 1865 GR. 500/7/ ADC12	1
9.	LOWER RING	MILD STEEL	ASTM A105	1
10.	STEM SEALS	RUBBER	NBR/EPDM	3
11.	SEAL ENERGISING RING	MILD STEEL	ASTM A105	1
12.	SEAL RETAINER	MILD STEEL	ASTM A105	1
13.	FASTNERS	STAINLESS STEEL	SS201	-
14.	LOCK PLATE	MILD STEEL	ASTM A105	1

* Contact Factory for any Technical Detail / Special Grade Material

TORQUE TABLE

SIZE (mm)	LINE PRESSURE
	25 BAR
40MM	8
50MM	9
65MM	12
80MM	18
100MM	45
125MM	75
150MM	87
200MM	150
250MM	200
300MM	250

DIMENSIONS

SIZE	A	B	C	D	E	F	G	H	I	J
40MM	33	40	73	109	50	50	9.5	27.5	7	4
50MM	43	50	77	132	50	50	9.5	27.5	7	4
65MM	46	65	85	140	50	50	9.5	27.5	7	4
80MM	46	78	97	148	50	50	9.5	27.5	7	4
100MM	52	100	113	172	70	70	11	29.0	9	4
125MM	56	122	121	187	70	70	14	29.0	9	4
150MM	56	148	134	201	70	70	14	29.0	9	4
200MM	60	200	168	229	100	100	18	32.0	11	4
250MM	68	250	202	269	100	100	18	32.0	11	4

* All dimensions are in mm unless and otherwise specified.

TEST PRESSURE

RATING	BODY (Kg/cm ²)	SEAT (Kg/cm ²)
PN25	38	28

HAND LEVER

SIZE	L	H1	H2
40/50/65/80MM	240.00	25.00	31.00
100MM	290.00	25.00	31.00

GEAR BOX SIZES

SIZE	RA- TIO	TURN TO CLOSE 90 °	MAX OUTPUT TORQUE (NM)	A	B	C	D	E
40 TO 150MM	25:1	6.25	125	145	200	60	50 or 70	4
200 TO 250MM	32:1	8.00	500	240	300	75	102	4

GUARANTEE

All valves are guaranteed against any manufacturing defects for a period of 12 months from date of supply, provided the valves have not been misused, damaged or installed for services they are not recommended. The company shall be liable to furnish part / parts thereof or full valve as the company may deem fit.

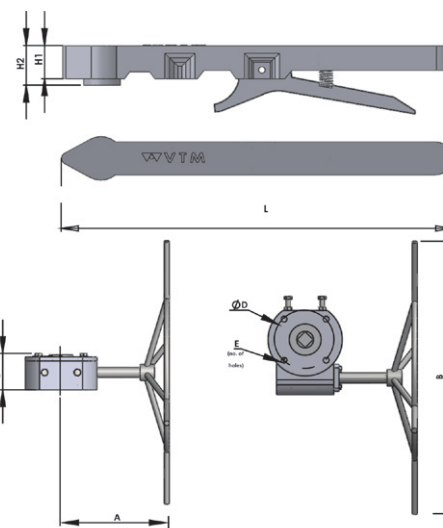
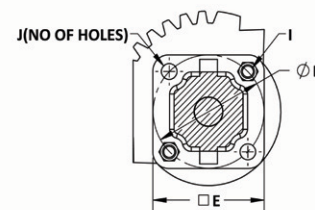
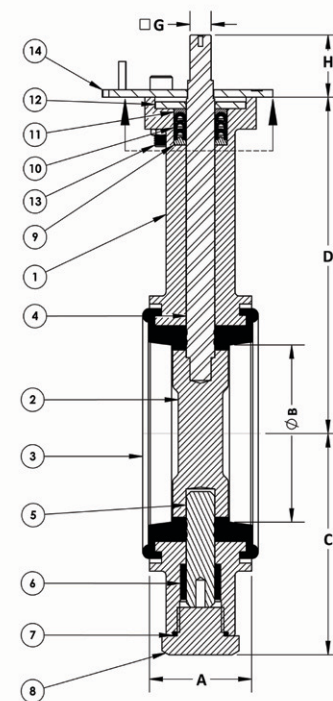
V.A. VALVES

ISO 9001:2015 CERTIFIED

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