Manufacturers & Exporters of
Valves, Fittings & Boiler Mountings

AV-96H Cast Steel Butterfly Valve, Triple Offset, with WCB Disc, Wafer Type, Gear Operated, PN-40

Features

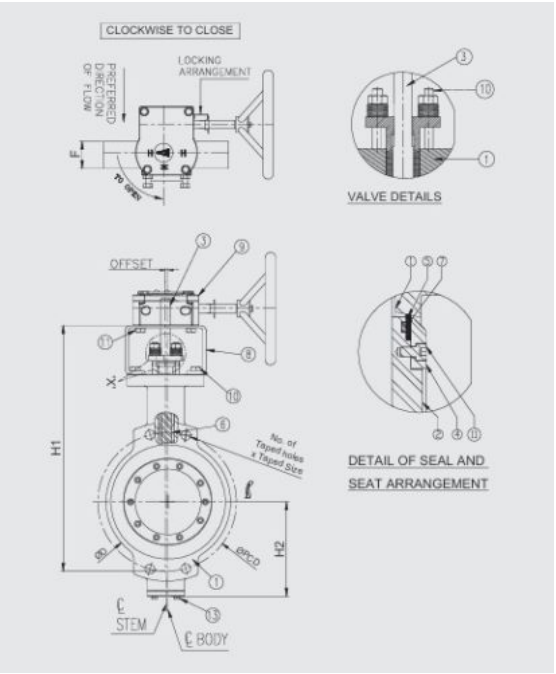
Product Standard	API 609
Testing Standard	API 598
Pressure / Class Rating	PN-40
Body Material Cum Standard	Cast Carbon Steel (ASTM A216 Gr. WCB)
Product Description	Wafer Type, without Lugs, Triple Offset, Gear Operated
Type of Seat	Metal Seat
Trim	Disc: WCB,Stem: S.S.
End Details	Suitable for insertion between Flanges as per ASME B16.5 Class-300
Test Pressure	Body: 60 Bar (Hyd.); Seat: 44 Bar (Hyd.)

Suitability

Water

Material Combination

Sr. No	Description	No.	Material
1	Body	1	ASTM A 216 Gr.WCB
2	Disc	1	ASTM A 216 Gr.WCB
3	Stem	1	17-4-Ph
4	Retainer Ring	1	S.S.316
5	Seal	1	S.S.316 Laminated + Graphite
6	Bush	4	CS Backed PTFE
7	Gaskets (Internal)	–	Spiral Wound Gasket
8	Mounting Bracket	1	Carbon Steel
9	Operator	1	Gear Box
10	Internal Fastners	To Suit	ASTM A 193 Gr.B8M
11	External Fastners	To Suit	ASTM A 193 Gr.B7



Dimensional Data

———-Dimensions (MM)———-

Size (mm)	H1±10	H2±10	F±2	ØD	ØPCD
50	180	75	48	104	127
80	200	100	48	142	168.3
100	248	158	54	173	200
125	250	165	59	208	235
150	280	190	59	234	269
200	320	230	73	297	330.2
250	446	267	83	355	387.4
300	525	318	92	415	450.8

————————-Flange Details (Each Side)————————-

Size (mm)	Total Holes	Taped Holes	Size x Depth of holes
50	8	4	5/8” x Thru
80	8	4	3/4” x Thru
100	8	4	3/4” x Thru

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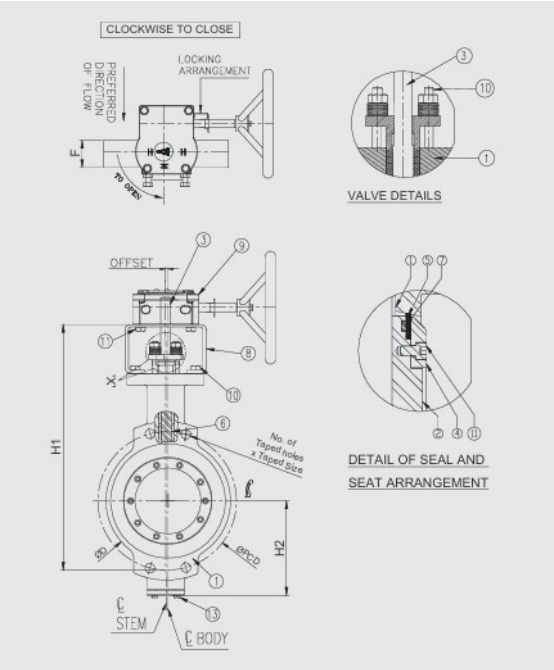
Size (mm)	Total Holes	Taped Holes	Size x Depth of holes
125	8	4	3/4” x Thru
150	12	4	3/4” x Thru
200	12	4	7/8” x Thru
250	16	4	1” x Thru
300	16	4	1.1/8” x Thru



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