

3/2 - 2/2 Way Electrical Actuator Operated "VOND" Control Valves For Thermic Fluid (upto 450 °C)

'Marck' Offers 3/2 - 2/2 Way Motorised Control Valves for Thermic Fluid.

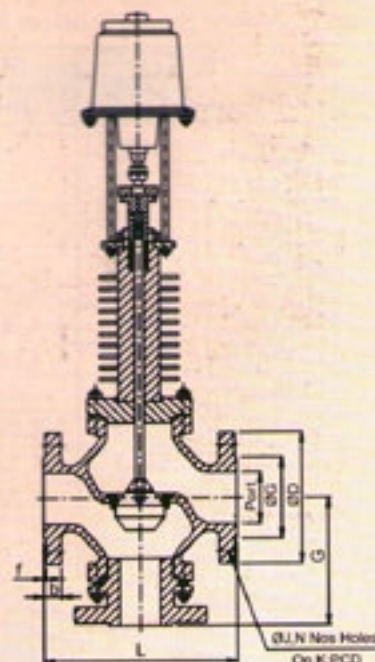
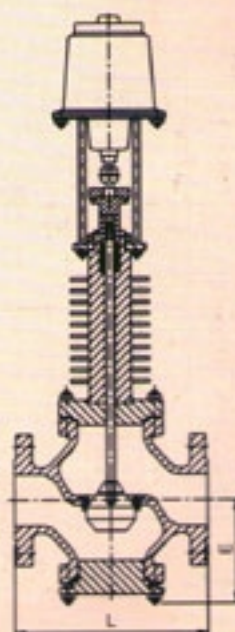
Size Range : 1/2" To 6" Flanged

Actuator**Technical Specifications :**

Body	C. I. / Aluminium / AA Nylon
Cover	Aluminium
Output Shaft	Gun Metal
Gear & Pinion	Delrin, M. S., S. S. 202
Gear Plates	Mild Steel, Zinc Plated
Shaft Bushes	Brass
Opr. Time / Stroke	45 Seconds
Motor Torque	10 Kg / Cm ²
Power Supply	230 V AC (Single Phase)
Oper. Option	{ Input Signal : 4 - 20 mA Output Feedback : 4 - 20 mA } On Request

Valve

Body	ASTM A216 Gr. WCB
Bonnet	ASTM A216 Gr. WCB
Trims	13Cr/ 18Cr 8 Ni
Plunger	AISI 410
Seat Rings	AISI 410
Stem	AISI 410/AISI 304/AISI 316
Gland Bush	AISI 410
Gland Plate	Carbon Steel
Bottom Flange	ASTM A216 Gr. WCB
End Connection	Flanged Ends To ANSI B16.5 RF150# / 300#
Stem Packings	Metallic Wire Re-inforced Asbestos
Gasket	Asbestos Filter SS 304 Spiral Wound
Studs & Nuts	Carbon Steel
Temperature	450 °C
Manufacturing Std.	Generally Conforming to IS 10189 (Part - 1)
Insp. & Testing Std.	Generally Conforming to IS 10189 (Part-1) ANSI B16. 104 / FCI 70-2

**2/2 Way****3/2 Way****Dimensions :**

(All dimensions are in MM)

Valve Model	Valve Size		Port	L	OD	OG	f	b	GJ	N	PCD	E	G	Weight
	MM	Inch												
VO ND - 15	15	1/2	12.5	107.9	88.9	35.05	1.6	9.65	15.75	4	60.45	60	100	-
VO ND - 20	20	3/4	17	117.3	98.55	42.95	1.6	10.41	15.75	4	69.85	60	100	-
VO ND - 25	25	1	24	127	107.9	50.8	1.6	13	15.75	4	79.25	60	103	24.000
VO ND - 40	40	1.1/2	37	203	127	73	1.6	16	15.75	4	98.55	80	134	28.220
VO ND - 50	50	2	49	230	152.4	91.95	1.6	18	19.05	4	120.65	95	165	44.140
VO ND - 65	65	2.1/2	64	190.5	177.8	104.65	1.6	18	19.05	4	139.7	105	170	55.320
VO ND - 80	80	3	75	314	190.5	127	1.6	20	19.05	4	152.4	118	200	-
VO ND - 100	100	4	98	350	228.6	157.23	1.6	19.05	19.05	8	190.5	140	315	107.00
VO ND - 150	150	6	140	400	279.4	216	1.6	30	22.35	8	241.3	260	350	-

Hydrostatic Test Pressure

Body 150 PSIG