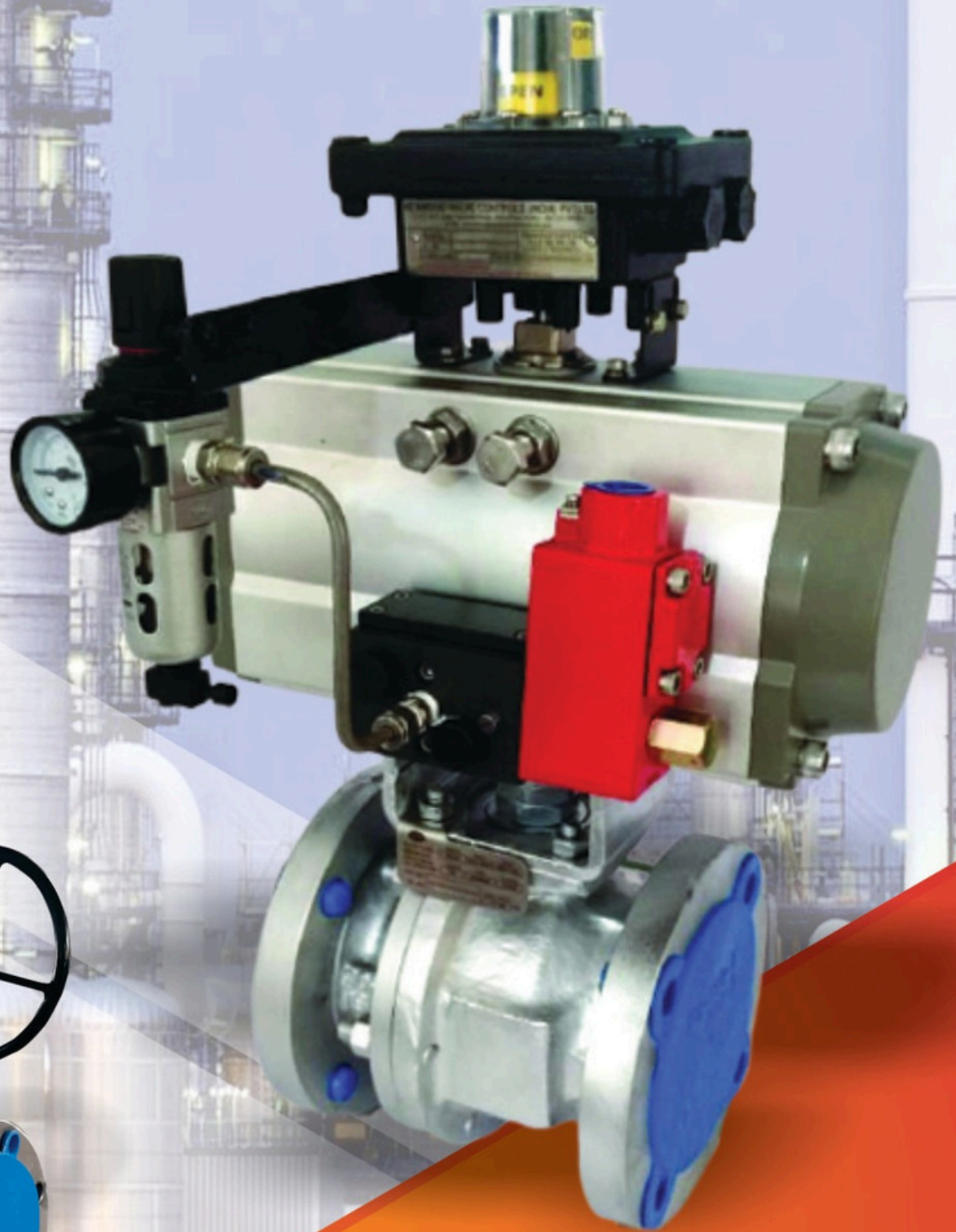




Valve | Automation | Solution

Ball Valve



VALVE FLOW ENGINEERS

 www.valveflowengineers.com

An ISO 9001-2015 Certified Company

ABOUT US

We at VFE, offer products for different application and services, with effective solutions to meet the challenges faced by manufacturing divisions using modern technology in manual and automation.

We started the Organisation activities to serve the industry in 2013, from Hubballi, Karnataka, India with manual Ball and Butterfly Valves. Later on other products were included viz., Gate, Globe, Check, Diaphragm, Knife Gate, Automated Valves, Gear Operators & Steam Engineering products etc.

With commitment to quality & timely delivery, we are growing as one of the best valve and automation solution provider for different applications and services.

BALL VALVE

Ball valves are used for quick opening /closing operation and can replace other type of valves like Gate, Globe, Butterfly and Plug Valves. These are cost effective and can be used for all applications.

1 Piece / 2 Piece / 3 Piece design, Reduced / Full Bore Valves are Manufactured.

Size Range : - 15 mm to 50 mm - 150#, 300#, 600#, 800#, 1500#, 2500#
- 15 mm to 250 mm - 150#, 300#, 600#

AUTOMATION

In modern manufacturing process, automation plays a vital role. It reduces the cost of production as well as production time with 100% accuracy & repeatability.

We provide automation packages like valves with Pneumatic / Electric actuators along with accessories like Solenoid Valves, Limit Switches, Air Filter Regulator, Partial stroke control device Shutdown Application etc.

STANDARDS

Design - BS EN 17292

Testing - BS EN 12266 Part 1, ANSI FCI 70.1

MATERIAL OF CONSTRUCTION

BODY

ASTM A 216 Gr WCB
ASTM A 351 Gr CF8 / CF8M / CF3 / CF3M
Hastalloy B / C, Inconel

SEAT

PTFE, RPTFE, Nylon, Delrin, PEEK, Metal Seat

END CONNECTIONS

Screwed End to NPT / BSP, SWE, BWE, Flanged

BALL

ASTM A 216 Gr WCB
ASTM A 351 Gr CF8 / CF8M / CF3 / CF3M
Hastalloy B / C, Inconel

TRIMS

13% Cr. Steel, ASTM A 276 Gr SS 304 / 316 / 304L / 316L

OUR ESTEEMED CUSTOMERS

Shilpa Medicare, Raichem Medicare, API Microlabs, Orchid Chemicals, Mylan Pharma, Grasim Industries Ltd., Epsilon Carbon, JSW Steels Ltd., Sequoia Energy, Pleiad Designs, Drytech Engineers, Gujarat Ambuja, ITC-Bhadrachalam, Paragon Water Technologies, Shivashakti Sugars, Satish Sugars, Hermes Distilleries, Nirani Sugars, EID Parry Etc.



Dealer



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Butterfly Valve



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With commitment to quality & timely delivery, we are growing as one of the best valve and automation solution provider for different applications and services.

BUTTERFLY VALVE

Butterfly valves are used for quick opening /closing operation and used for utility services like water, slurry and chemical applications.

VFE make Butterfly Valves are Known for Quality, Reliability & Longevity. They are manufactured using high quality materials complying to ASME & BS EN Standards.

Size Range : 40mm to 600mm - PN 6, PN 10, PN 16 Ratings

AUTOMATION

In modern manufacturing process automation plays a vital role. It reduces the cost of production as well as production time with 100% accuracy & repeatability.

We provide automation packages like valves with Pneumatic / Electric actuators along with accessories like Solenoid Valves, Limit Switches, Air Filter Regulators etc.

STANDARDS

Design - BS EN 593, AWWA C504

Testing - BS EN 12266-1, API598

MATERIAL OF CONSTRUCTION

BODY

ASTM A 126 Gr. CI, ASTM A 216 Gr WCB

ASTM A 351 Gr CF8 / CF8M

DISC

ASTM A 216 Gr WCB

ASTM A 351 Gr CF8 / CF8M / CF3 / CF3M

END CONNECTIONS

Wafer, Wafer Lugged, Flanged

TRIMS

13% Cr. Steel, ASTM A 276 Gr SS 304 / 316

OUR ESTEEMED CUSTOMERS

Shilpa Medicare, Raichem Medicare, API Microlabs, Orchid Chemicals, Mylan Pharma, Grasim Industries Ltd., Epsilon Carbon, JSW Steels Ltd., Sequoia Energy, Pleiad Designs, Drytech Engineers, Gujarat Ambuja, ITC-Bhadrachalam, Paragon Water Technologies, Shivashakti Sugars, Satish Sugars, Hermes Distilleries, Nirani Sugars, EID Parry Etc.



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DIAPHRAGM VALVES

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DIAPHRAGM VALVES

WERE AND STRAIGHT THROUGH

Diaphragm Valves are basically used in water, waste water treatment, Effluent treatment, Petrochemical, Thermal Power & Process Industries. The body MOC is Cast iron Lined with Ebonite and other materials like natural, butyl, EPDM etc, and Unlined, with different types of Diaphragms like EPDM, PTFE, SILICON etc depending on the application.

Size Range : - 15 mm to 50 mm - PN 16, 65 mm to 150 mm - PN 10, 200 mm to 350 mm - PN 6

- Other MOC on request

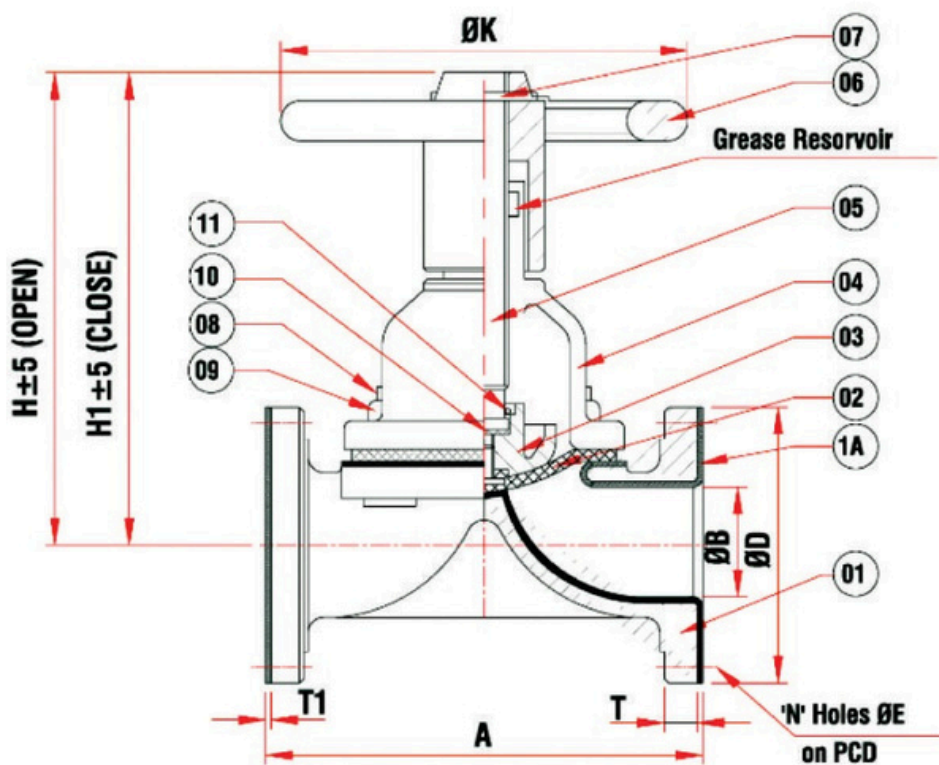
No	Part Name	Material	No	Part Name	Material
1	Body	CI/DI/Alloy Steel	06	Handwheel	CI
1A	Lining	Rubber	07	Handwheel Pin	Steel
02	Diaphragm	Rubber/PTFE + Rubber Pad	08	Body Studs & Nuts	Steel
03	Compressor	CI	09	Thrust Washer	Nylon
04	Bonnet	CI/DI/Alloy Steel	10	Compressor Pin	Steel
05	Spindle	Steel			

Design Standard: BS: BS5156, DIN3202

Flanged Ends To: ANSI #150, PN10, BS10, Table D, E&F

Body Lining: Ebonite (Hard), Natural, Butyl, Neoprene, EPDM, Nitrile

Diaphragm: Natural, Butyl, Neoprene, EPDM, Nitrile, Hypalon & PTFE with Rubber Pad



Size	DN														
	25	32	40	50	65	80	100	125	150	200	250	300			
UNLINED RF	H	mm	140	139	172	190	230	242	326	391	468	683	839	997	
	H1	mm	132	127	152	166	197	206	276	326	390	563	694	822	
	A	mm	BS	127	146	159	190	216	254	305	356	406	521	635	749
			DIN	160	180	200	230	290	310	350	400	480	600	730	850
	Wt.	Kg	BS	4.2	6.4	7.5	12	18	23	34	50	69	150	220	300
			DIN	4.4	6.6	8.5	12.5	19	25	36	52	75	160	235	315
RUBBER LINED FF	H	mm	143	142	175	193	233	245	330	395	472	687	843	1001	
	H1	mm	133	130	155	169	200	209	280	330	394	567	698	826	
	A	mm	BS	133	152	165	196	222	260	313	364	414	529	643	757
			DIN	160	180	200	230	290	310	350	400	480	600	730	850
	Wt.	Kg	BS	5	7	8.5	13	19	25	36	53	73	155	227	307
			DIN	5.5	8	9.5	14.5	20	27	38	55	79	165	242	322
Ø B(min)	mm	26	32	38	51	63.5	76	102	127	152	203	254	305		
Ø K	mm	120	120	120	164	220	240	270	270	360	460	600	700		

*Due to continues development, we reserve the rights to change the specifications without notice.

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