

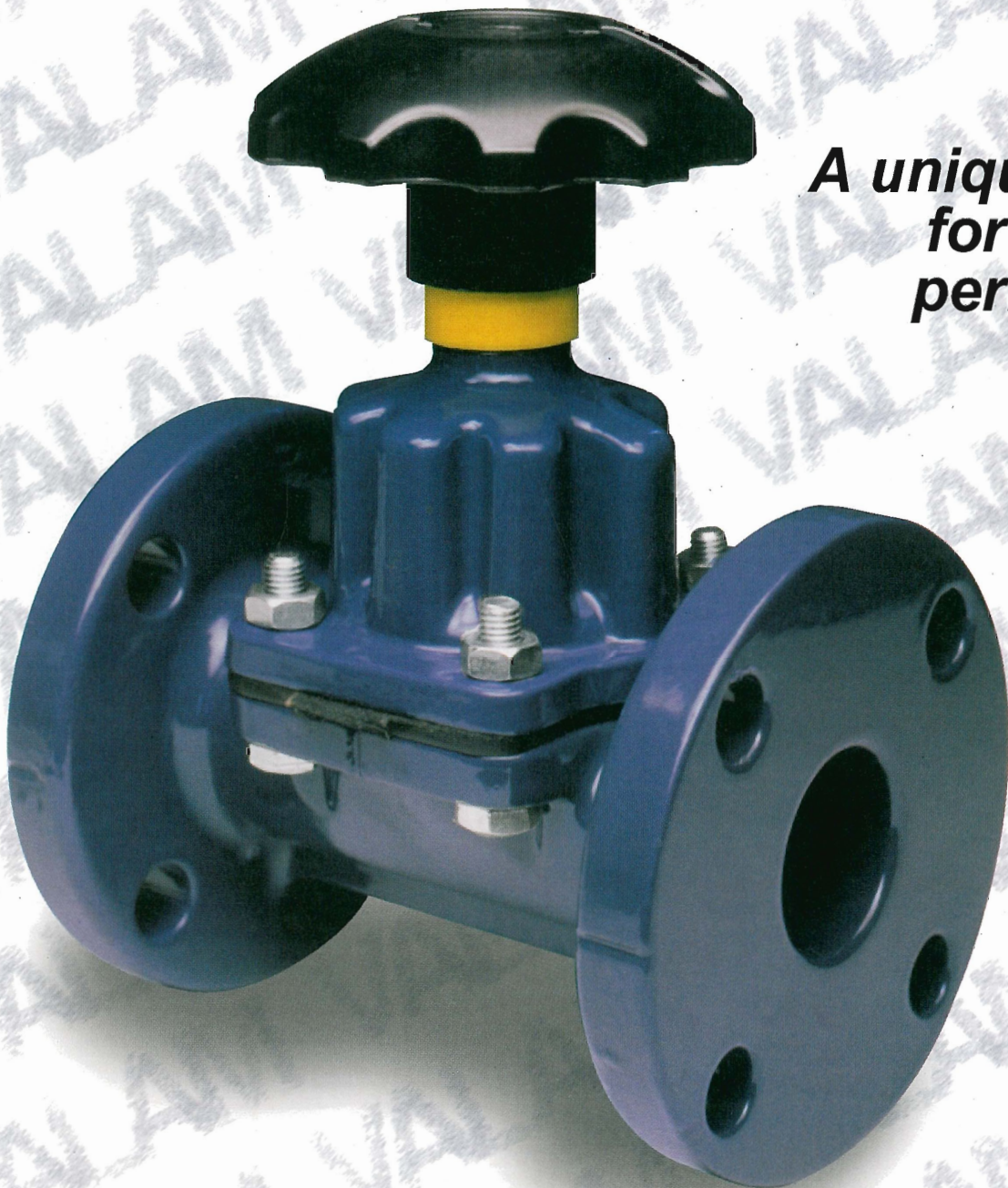
DIAPHRAGM VALVE MANUFACTURER

VALAM

S.A.I.C.

STRAIGHT THROUGH TYPE DIAPHRAGM VALVES

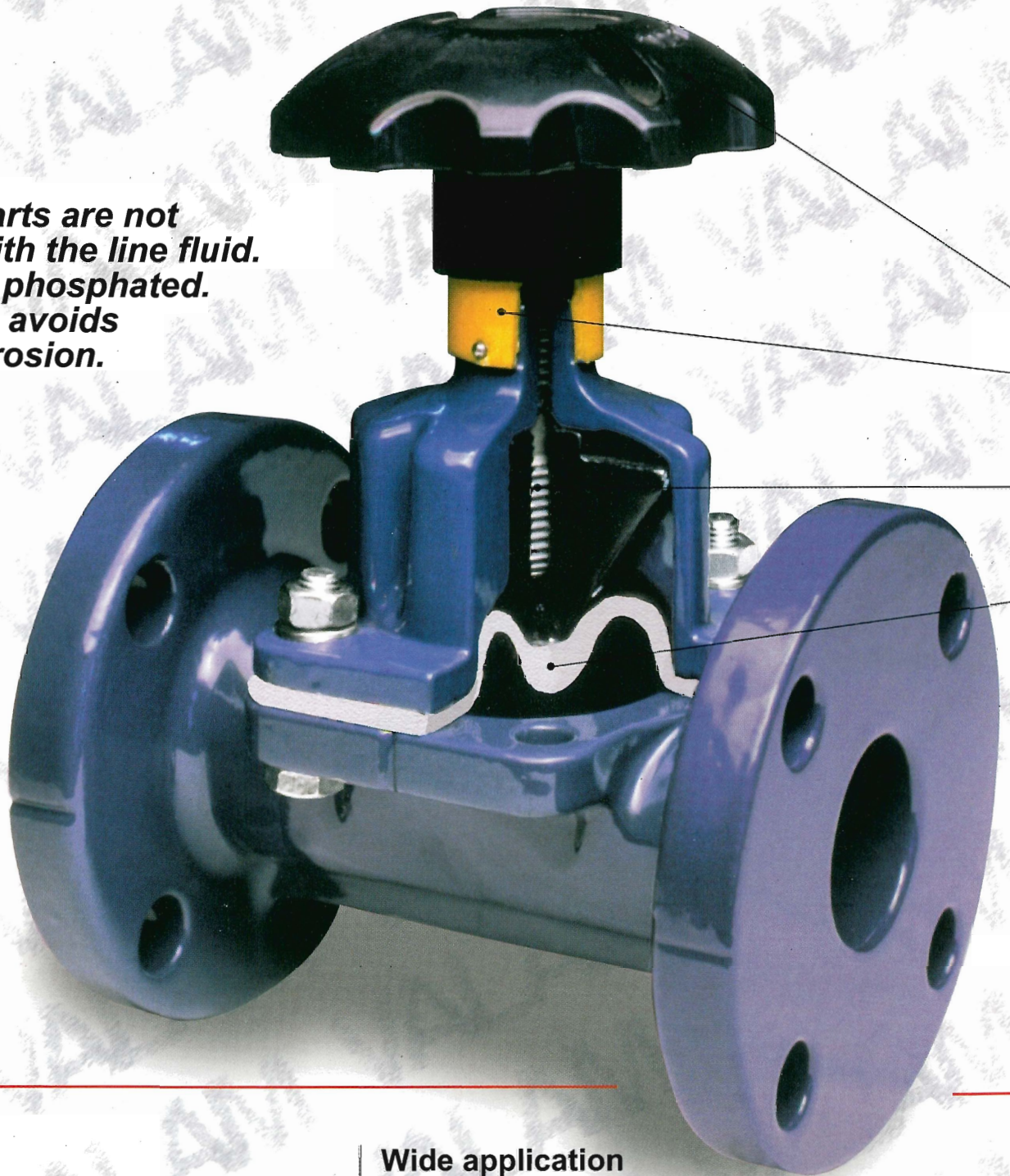
*A unique design
for optimum
performance*



Valam® Straight Through type diaphragm valves.

Leakproof and economical performance due to a unique design, for abrasive, corrosive and general services.

Operating parts are not in contact with the line fluid. All parts are phosphated. Epoxy paint avoids external corrosion.

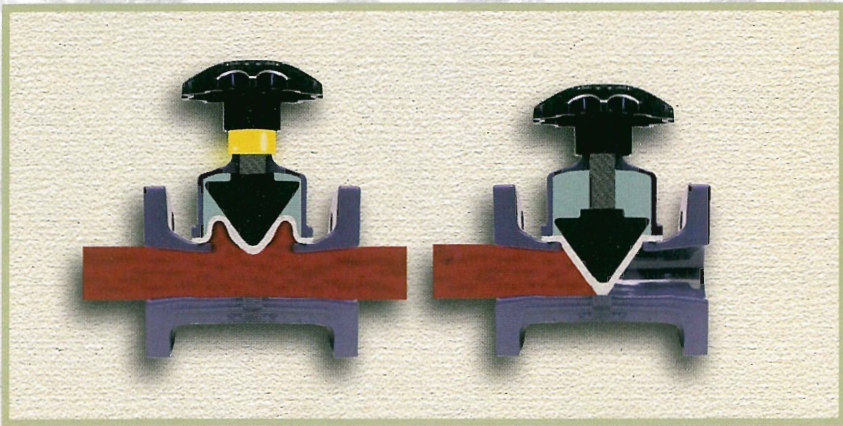


Unique and unbeatable design

- Long diaphragm life due to reinforced construction.
- Excellent performance in abrasive slurries and dry powders.

Wide application range

- The large variety of materials, linings, diaphragms and operating methods allow use on most fluids, meeting your requirements.



Valve Flow

Cavity free design produces a smooth and aerodynamic flow, with minimum pressure loss.



Body Options

Flanged and screwed. Variety of metals, as well as rubber and polymer linings.

Handwheel

Comfortable, for fast operation.

Yellow Indicator

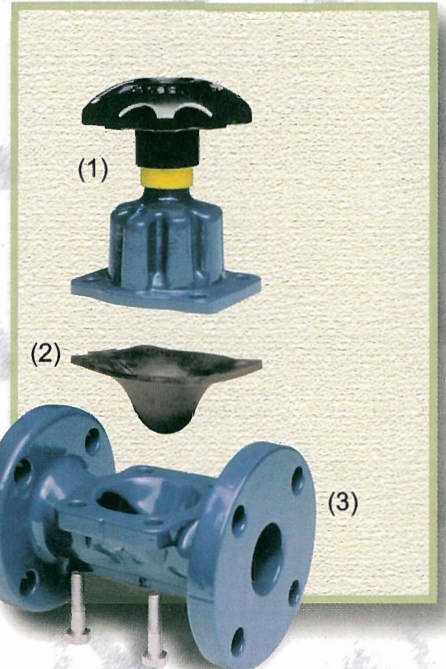
Indicates valve position, even from a distance, and does not interfere with valve operation.

Stem

Lubricated, and sealed from atmosphere by the yellow indicator sealing lip, which offers protection against wear and external contamination.

Diaphragm

Design criteria achieve a strong and reinforced diaphragm, guaranteeing leakproof closure, security and long life. There is an appropriate diaphragm for each fluid, due to a wide range of natural and synthetic rubbers.



Low maintenance costs

Long life of the three parts

- (1) Operating mechanism
- (2) Diaphragm
- (3) Body

Diaphragm replacement is fast, easy, and without removing the valve from the line.

Operating flexibility

- Manual and pneumatic operating mechanisms are interchangeable, even without removing the valve from the line.

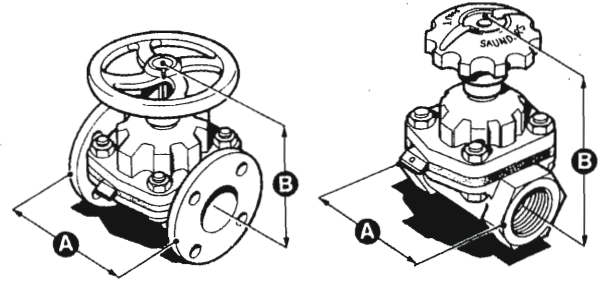
100% leakproof

- Diaphragm closure without friction guarantees a leakproof seal, even with particles in the fluid.
- Industrial vacuum also successfully handled.

Approved quality

- Top international technology used in manufacture.
- International Quality Standards applied.

Basic dimensions of Straight Through type diaphragm valves



DIMENSIONS (mm), WEIGHTS (Kg) and PRESSURES (bar)

Valve size		Flanged Ends					Screwed Ends			Maximum Pressure
(DN)		A (mm)			B (open)	Weight	A (mm)	B (open)	Weight	
mm	inches	Metal	Polymer or Glass lined	Rubber lined		Kg.			Kg.	Bar
15	1/2	108	110	-	106	2,000	64	106	0,790	10
20	3/4	117	119	123	115	2,500	95	120	0,850	10
25	1	127	129	133	160	3,000	111	164	2,050	10
32	1 1/4	146	148	152	160	4,350	124	164	2,250	10
40	1 1/2	159	161	165	182	5,450	143	164	2,750	10
50	2	190	192	196	230	8,000	168	189	4,900	10
65	2 1/2	216	218	222	296	12,100	206	228	8,650	10
80	3	254	256	260	303	21,500	257	302	15,600	10
100	4	305	307	311	324	32,000	-	-	-	10
125	5	356	358	362	346	48,200	-	-	-	6
150	6	406	408	412	470	65,000	-	-	-	6
200	8	521	523	527	640	104,000	-	-	-	3,5
250	10	635	637	641	745	208,000	-	-	-	3,5
300	12	749	751	755	785	306,400	-	-	-	3,5

Rising handwheel and stem in sizes DN 015-150. Non-rising handwheel in sizes DN 200-300.
Dimensions are shown for planning purposes, and should not be used for manufacture.

MAIN MATERIALS

Bodies

Cast Iron
Stainless Steel
Carbon Steel
Brass

Linings

Ebonite
Butyl
Viton®
Hypalon®

Rilsan®
PFA/ETFE/ECTFE
Soft Rubber, for abrasive services

Diaphragms

Butyl
Neoprene®
Hypalon®
Viton®

EPDM
Nitrile
Natural Rubber
Soft Rubber, for abrasive services

Our technical Sales Department can recommend the appropriate valve for each application.

VALAM® Valves - available worldwide.



Automatic



Hydrant



Weir



Sanitary



Check

Manufactured by:

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