

DIAPHRAGM VALVE MANUFACTURER

VALAM

S.A.I.C.

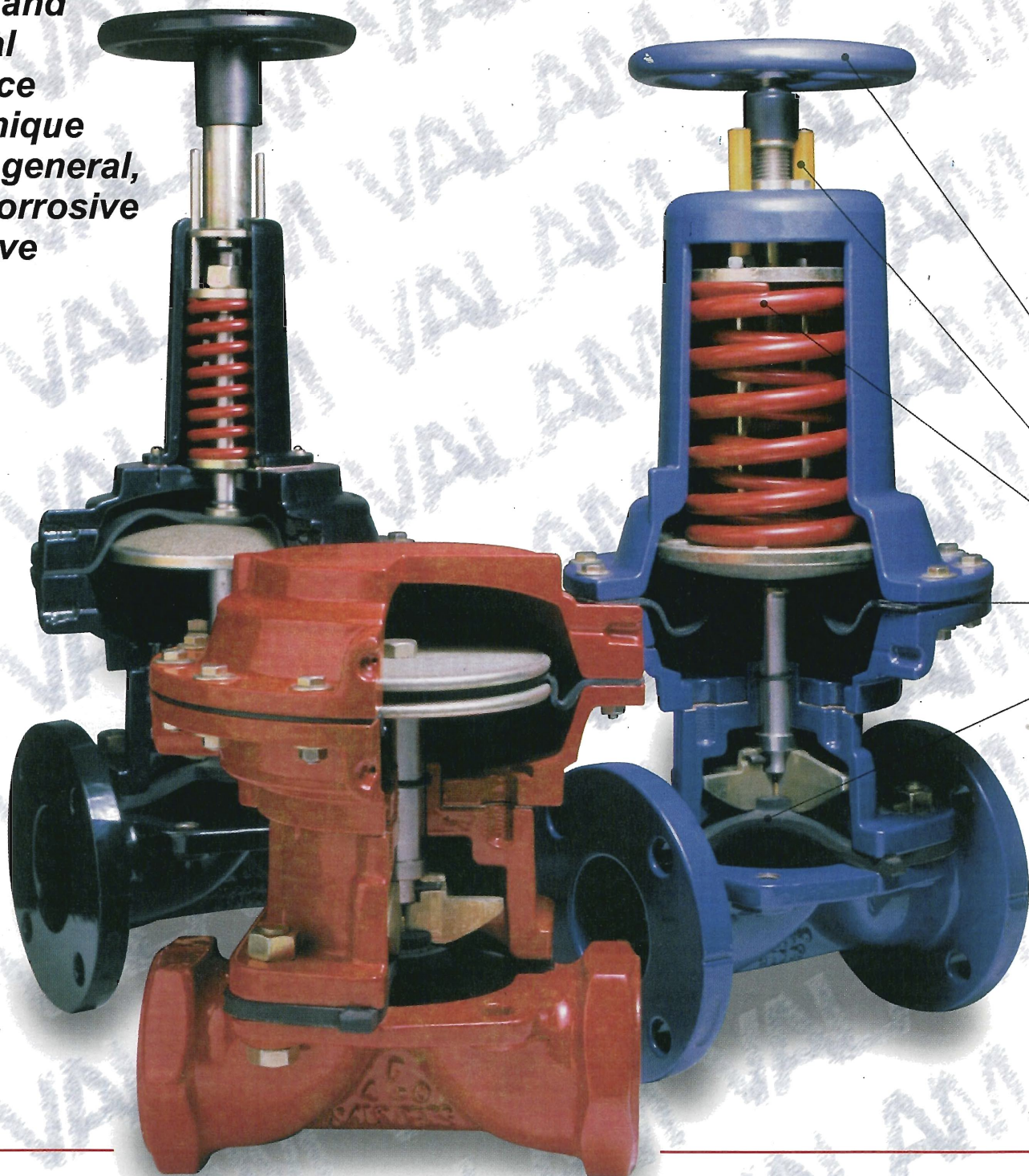
PNEUMATIC DIAPHRAGM VALVES

*Security
and efficiency
in remote
control*



Valam[®] diaphragm valves with pneumatic actuators

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

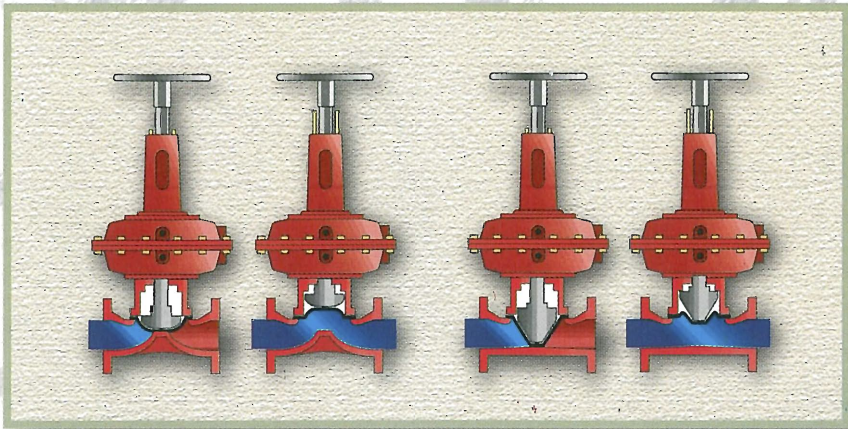


Unique and unbeatable design

- Long diaphragm life due to short stem travel.
- Excellent performance, in regulating as well as in ON-OFF services.
- Light and compact, simplifying installation.
- Smaller actuator sizes for lower line pressures.

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, in weir type as well a straight through valves.

Control
Installation of Positioners, Proximity sensors and switches is easy and fast. The result is optimum and cost-effective control.

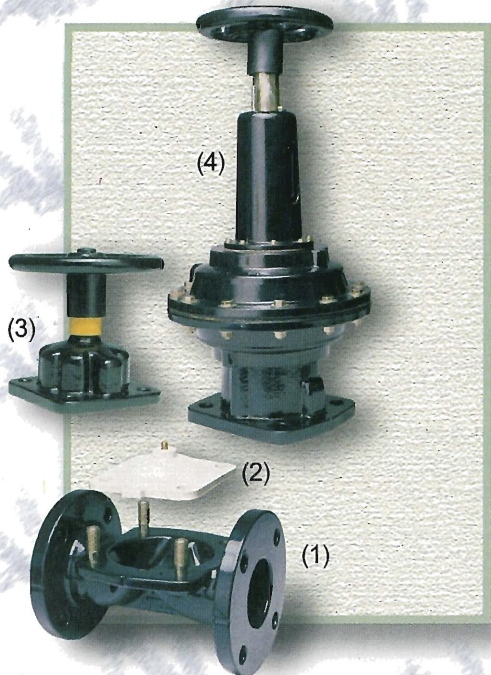
Emergency Handwheel
Permits manual valve operation in the event of plant services failure, assuring operational continuity.

Yellow Indicator
Indicates valve position, even from a distance.

All-weather operation
Operating parts are protected from the atmosphere, avoiding contamination.

Actuator Diaphragm
The pressure chamber is totally "leakproof", permitting operation with air, water or hydraulic fluids.

Line 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, synthetic rubbers and PTFE.



Characteristics
Operating parts are not in contact with the line fluid. All parts are treated with phosphate or zinc. Epoxy paint avoids external corrosion.

Low maintenance costs
Diaphragm replacement is fast, easy, and without removing the valve from the line. The valve body permits interchangeability of manual and pneumatic operating mechanisms.
(1) Body.
(2) Diaphragm.
(3) Manual operating mechanism.
(4) Pneumatic operating mechanism.

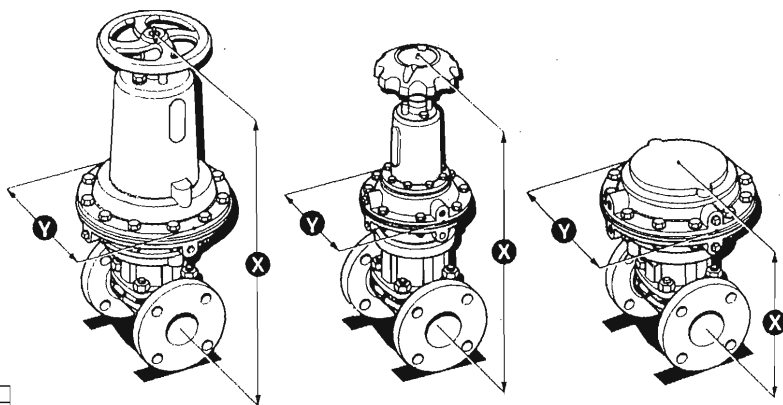
Note: Spring Closed Actuators are recommended when the valve is usually closed, and Spring Open when usually open. This reduces the requirement to continually apply operating pressure.

Operating flexibility
- Spring Closed model (SC) spring to close, air to open.
- Spring Open model (SO) spring to open, air to close.
- Double Acting model (DA) air to open and close.

100% leakproof
- Diaphragm closure without friction guarantees a leakproof seal, even with particles in the fluid.
- Industrial vacuum also success fully handled.

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

Basic dimensions of pneumatic diaphragm valves



WEIR TYPE

Spring closed actuators

DIMENSIONS (mm)		ES60	ES61	ES62	ES63	ES64	ES65	ES66
Y		108	159	251	311	425	533	750
DIMENSION X								
DN								
8	1/4"	194						
10	3/8"	203						
15	1/2"	213	375					
20	3/4"	220	390					
25	1"		391	452				
32	1 1/4"		413	474				
40	1 1/2"		418	478				
50	2"		449	487	620			
65	2 1/2"			503	636			
80	3"			512	645	779		
100	4"			550	687	820	919	
125	5"				703	836	941	
150	6"					902	1002	1157
200	8"							1233
250	10"							1284

STRAIGHT THROUGH TYPE

Spring closed actuators.

DIMENSIONS (mm)		ES61	ES62	ES63	ES64	ES65	ES66
Y		159	251	311	425	533	750
DIMENSION X							
DN							
25	1"	462	522				
32	1 1/4"	462	522				
40	1 1/2"	462	522				
50	2"	512	572	697			
65	2 1/2"		576	716			
80	3"		606	746	871		
100	4"		648	793	918	1018	
125	5"			825	950	1055	
150	6"				1029	1129	1284
200	8"						1322

Spring open actuators

DIMENSIONS (mm)		ES67	ES68	ES69	ES70	ES71	ES72	ES73
Y		108	159	251	311	425	533	750
DIMENSION X								
DN								
8	1/4"	119						
10	3/8"	127						
15	1/2"	137	253					
20	3/4"	149	266					
25	1"	153	358	404				
32	1 1/4"		374	424				
40	1 1/2"		388	431				
50	2"		411	534	579			
65	2 1/2"			570	595			
80	3"			573	604	772		
100	4"			601	645	811		
125	5"				653	830	884	
150	6"					893	857	
200	8"						1029	1269
250	10"							1344

Spring open actuators.

DIMENSIONS (mm)		ES68	ES69	ES70	ES71	ES72	ES73
Y		159	251	311	425	533	750
DIMENSION X							
DN							
25	1"	427	472				
32	1 1/4"	427	472				
40	1 1/2"	427	472				
50	2"	472	595	763			
65	2 1/2"		621	782			
80	3"		656	813	866		
100	4"		699	833	908		
125	5"			845	949	965	
150	6"				1019	1049	
200	8"					1092	1362

Double Acting actuators

DIMENSIONS (mm)		ES54	ES55	ES56	ES57	ES58
Y		159	251	311	425	533
DIMENSION X						
DN						
25	1"	202	257			
32	1 1/4"	202	257			
40	1 1/2"	202	257			
50	2"		272	312		
65	2 1/2"		291	331	351	
80	3"			366	381	411
100	4"			378	393	423
125	5"			400	415	445
150	6"					514
200	8"					537

Dimensions are shown for planning purposes, and should not be used for manufacture.

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

Double Acting actuators

DIMENSIONS (mm)		ES53	ES54	ES55	ES56	ES57	ES58
Y		108	159	251	311	425	533
DIMENSION X							
DN							
8	1/4"	112					
10	3/8"	115					
15	1/2"	126	129				
20	3/4"	138	141				
25	1"	142	145	205			
32	1 1/4"		153	213			
40	1 1/2"		169	229			
50	2"		178	238	258		
65	2 1/2"			253	273		
80	3"			266	286	326	
100	4"			303	323	363	
125	5"				338	378	
150	6"					445	475
200	8"						546

VALAM® Valves - Available worldwide.



Weir



Straight Through



Hydrant



Sanitary



Check

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