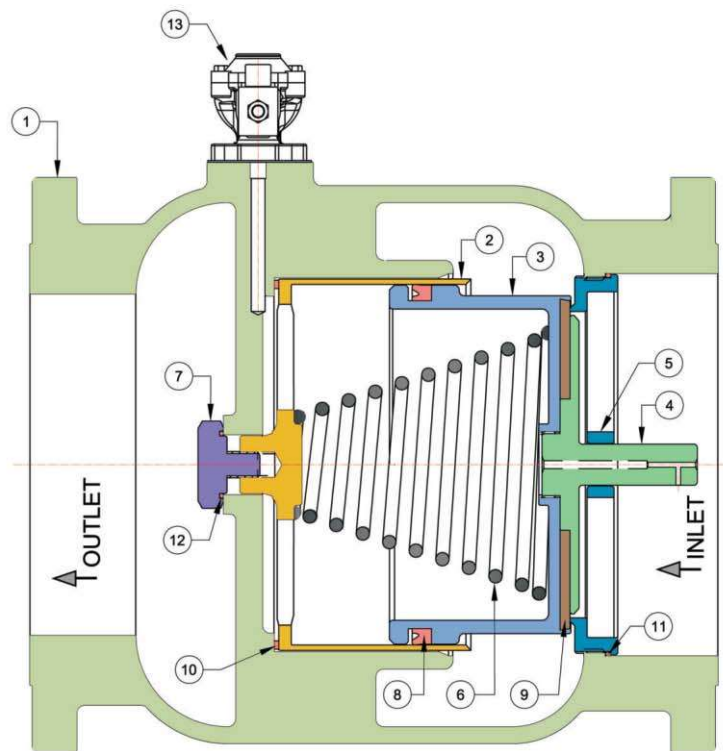
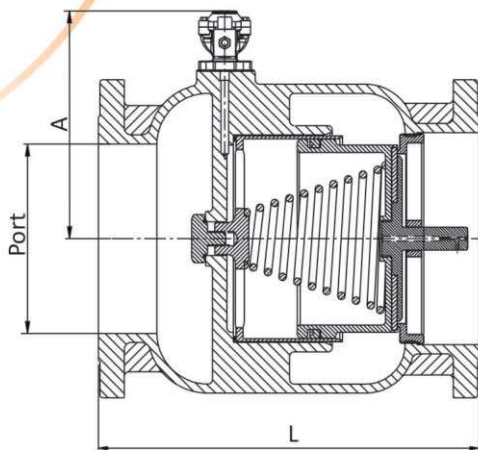


Drum Valve Solenoid Operated

 Catalogue No.
APL / 1091

**Design Registered
No.: 234471**
Size Range : 2" to 24" Flanged End
Features

- Valve Body is made by Stainless Steel #316, suitable for fluid, air and steam.
- The gate is balanced-pressure designed, which will not influence the outlet pressure caused by unstable inlet pressure.
- When the outlet pressure responds directly to the pressure control chamber and adjusts the setting pressure, it responds quickly and adjusts the pressure accurately
- Design of piston and diaphragm improves the inability of sustaining pressure and leakage.
- Pressure Adjusting Range : 1 ~ 6 kgf/cm², 4 ~ 10 kgf/cm², 8 ~ 13 kgf/cm²
- Pressure needed from fully-closed gate to fully-opened gate : 1.5 kgf/cm² (1 kgf/cm² = 14.2 psi)
- Applied Temperature : -15 ~ 100 °C, 100 ~ 180 °C (For steam)
- Valve Body Testing Pressure : 35 kgf/cm²
- Maximum Applied Pressure : 25 kgf/cm²


Dimensions : (All Dimensions are in mm)

Valve Model	Valve Size		Port	A	L	CV	Weight Approx.
	MM	Inch					
DFS - 50	50	2"	59	137.5	190	75	8.980
DFS - 65	65	2.1/2"	69	147.5	210	105	11.760
DFS - 80	80	3"	84	162.5	225	140	17.380
DFS - 100	100	4"	110	175	250	260	23.140
DFS - 125	125	5"	131	193.5	280	390	49.360
DFS - 150	150	6"	158	216.5	310	550	49.360
DFS - 200	200	8"	208	254.5	420	1000	92.100
DFS - 250	250	10"	257	287.5	470	1699	124.120
DFS - 300	300	12"	302	321.5	530	2200	196.640
DFS - 350	350	14"	324	365	600	3000	264.700
DFS - 400	400	16"	345	365	604	4000	278.400
DFS - 450	450	18"	472	448	766.2	5300	457.100
DFS - 500	500	20"	472	448	772.7	6100	491.250
DFS - 600	600	24"	590	510	900	9200	---

No.	Description	Material
01	Body	C. I. / WCB / CF8 / CF8M
02	Cover	Stainless Steel 304 / 316
03	Plug	Stainless Steel 304 / 316
04	Piston	Stainless Steel 304 / 316
05	Piston Guide	Stainless Steel 304 / 316
06	Spring For Piston	S. S. 304
07	Piston Cover Lock Bolt	S. S.
08	V-Seal For Piston	NBR / Viton / EPDM
09	Piston Seat Ring	NBR / Viton / EPDM
10	Flat Ring	NBR / Viton / EPDM
11	O-Ring For Piston Guide	NBR / Viton / EPDM
12	O-Ring For Piston Lock Bolt	NBR / Viton / EPDM
13	Solenoid Valve	Drum Type Solenoid Valve STD.

Note : Since, constant worldwide advancement in technology, We keep our rights reserved to make changes time to time in Technical specifications and Dimensions without prior notice.

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