



HighSight

water saving irrigation solution provider!



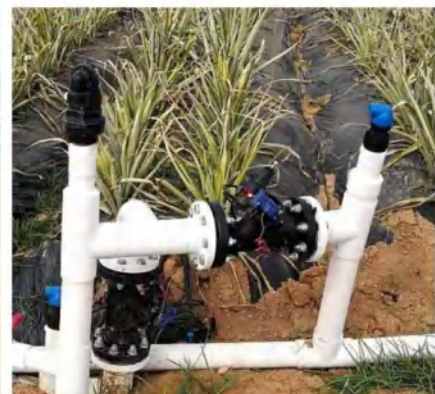
HighSight(taizhou) Plastic co.,Ltd.

Whole Heart Service

Ensure Service Quality And Meet Your Needs



Project Case





MANUAL SWITCH VALVE

Manual opening and closing of diaphragm valves, utilizing pipeline water pressure or any external pressure source (water pressure or air pressure) to open or close, suitable for agricultural irrigation systems and filtration stations.



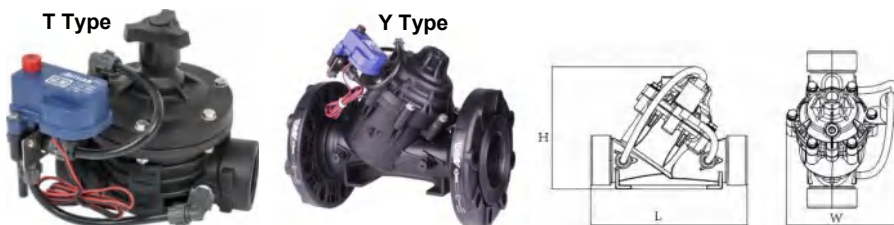
Dimension

Model	L(mm)	W(mm)	H(mm)
50SM-T	171	126	172
63SM-T	171	126	172
50SM-Y	226	100	192
63SM-Y	230	120	230
90SM-Y	320	140	280
110SM-Y	350	160	330
160SM-Y	436	230	430

Model	Connections Size	Connections	Max Flow (m3/h)	Max pressure (bar)	weights (kg)
50SM-T	1.5"×1.5"	BSPT/NPT	13	0.35-10	1.21
63SM-T	2"×2"	BSPT/NPT	23	0.35-10	1.3
50SM-Y	1.5"×1.5"	BSPT/NPT	15	0.35-10	1.56
63SM-Y	2"×2"	BSPT/NPT/VIC	25	0.35-10	1.96
90SM-Y	3"×3"	BSPT/NPT/Flanges/VIC	50	0.35-10	2.04 (with Flanges:3.42)
110SM-Y	4"×4"	Flanges	100	0.35-10	6
160SM-Y	6"×6"	Flanges	150	0.35-10	11.8

SWITCH VALVE WITH SOLENOID CONTROL

This type electric switch valve is hydraulically operated, diaphragm actuated control valve, which opens in response to a remote pressure rise command and shuts in the absence of that command.



Dimension

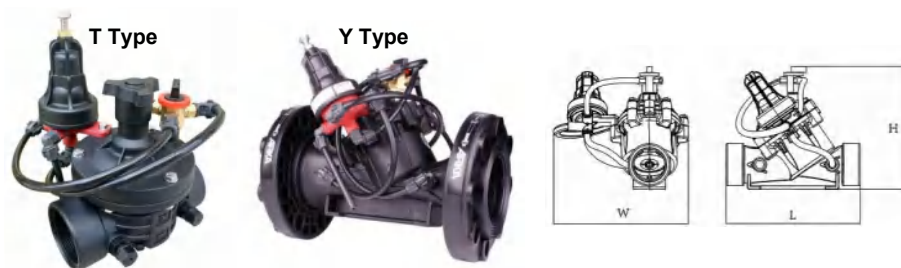
Model	L(mm)	W(mm)	H(mm)
25SS-T	110	75	120
32SS-T	110	75	120
50SS-T	172	126	171
63SS-T	172	126	171
50SS-Y	226	120	150
63SS-Y	230	150	200
90SS-Y	320	160	250
110SS-Y	350	170	300
160SS-Y	436	240	390

Model	Connections Size	Connections	Voltage (V)	Max Flow (m3/h)	Max pressure (bar)	weights (kg)
25SS-T	3/4"×3/4"	BSPT/NPT	AC24V/DC24V/DC12V(Latch)	5	0.35-10	0.29
32SS-T	1"×1"	BSPT/NPT	AC24V/DC24V/DC12V(Latch)	5	0.35-10	0.31
50SS-T	1.5"×1.5"	BSPT/NPT	AC24V/DC24V/DC12V(Latch)	13	0.35-10	1.2
63SS-T	2"×2"	BSPT/NPT	AC24V/DC24V/DC12V(Latch)	23	0.35-10	1.33
50SS-Y	1.5"×1.5"	BSPT/NPT	AC24V/DC24V/DC12V(Latch)	15	0.35-10	1.56
63SS-Y	2"×2"	BSPT/NPT/VIC	AC24V/DC24V/DC12V(Latch)	25	0.35-10	1.96
90SS-Y	3"×3"	BSPT/NPT/Flanges/VIC	AC24V/DC24V/DC12V(Latch)	50	0.35-10	2.04 (with Flanges:3.42)
110SS-Y	4"×4"	Flanges	AC24V/DC24V/DC12V(Latch)	100	0.35-10	6
160SS-Y	6"×6"	Flanges	AC24V/DC24V/DC12V(Latch)	150	0.35-10	11.8



MANUAL PRESSURE REDUCING VALVE

Pressure Reducing Valve is hydraulically operated, diaphragm actuated control valve that reduces higher upstream pressure to lower constant downstream pressure and opens fully upon line pressure drop.



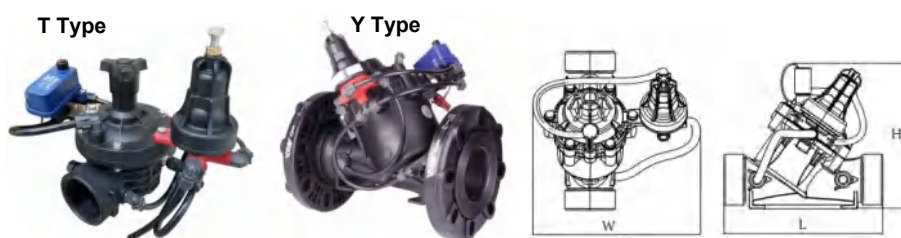
Dimension

Model	L(mm)	W(mm)	H(mm)
50RM-T	172	126	171
63RM-T	172	126	171
50RM-Y	226	120	192
63RM-Y	230	150	230
90RM-Y	320	160	280
110RM-Y	350	170	330
160RM-Y	436	240	430

Model	Connections Size	Connections	Max Flow (m3/h)	Max pressure (bar)	weights (kg)
50RM-T	1.5"×1.5"	BSPT/NPT	13	0.35-10	1.55
63RM-T	2"×2"	BSPT/NPT	25	0.35-10	1.6
50RM-Y	1.5"×1.5"	BSPT/NPT	18	0.35-10	1.86
63RM-Y	2"×2"	BSPT/NPT/VIC	30	0.35-10	2.16
90RM-Y	3"×3"	BSPT/NPT/Flanges/VIC	50	0.35-10	2.04 (with Flanges:3.42)
110RM-Y	4"×4"	Flanges	100	0.35-10	6
160RM-Y	6"×6"	Flanges	150	0.35-10	12

PRESSURE REDUCING VALVE WITH SOLENOID CONTROL

Pressure Reducing Valve with solenoid control is hydraulically operated, diaphragm actuated control valve that reduces higher upstream pressure to lower constant downstream pressure and opens fully upon line pressure drop. This model valve either opens or shuts in response to an electric signal.



Dimension

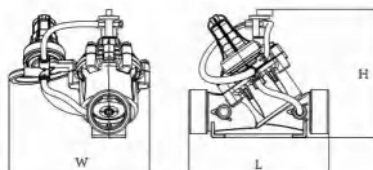
Model	L(mm)	W(mm)	H(mm)
50RS-T	172	200	171
63RS-T	172	200	171
50RS-Y	226	120	192
63RS-Y	230	150	230
90RS-Y	320	160	280
110RS-Y	350	170	330
160RS-Y	436	240	430

Model	Connections Size	Connections	Voltage (V)	Max Flow (m3/h)	Max pressure (bar)	weights (kg)
50RS-T	1.5"×1.5"	BSPT/NPT	AC24V/DC24V/DC12V(Latch)	13	0.35-10	1.5
63RS-T	2"×2"	BSPT/NPT	AC24V/DC24V/DC12V(Latch)	23	0.35-10	1.7
50RS-Y	1.5"×1.5"	BSPT/NPT	AC24V/DC24V/DC12V(Latch)	15	0.35-10	1.9
63RS-Y	2"×2"	BSPT/NPT/VIC	AC24V/DC24V/DC12V(Latch)	25	0.35-10	2.2
90RS-Y	3"×3"	BSPT/NPT/VIC	AC24V/DC24V/DC12V(Latch)	50	0.35-10	2.04 (with Flanges:3.42)
110RS-Y	4"×4"	Flanges	AC24V/DC24V/DC12V(Latch)	100	0.35-10	6
160RS-Y	6"×6"	Flanges	AC24V/DC24V/DC12V(Latch)	150	0.35-10	12.1



MANUAL PRESSURE SUSTAINING VALVE

sustaining valve is hydraulically operated, diaphragm actuated control valve that sustains minimum preset upstream (back) pressure and opens fully when line pressure is in excess of setting.



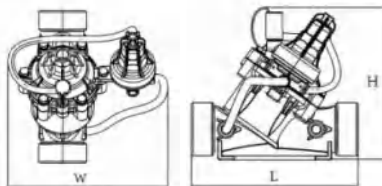
Dimension

Model	L(mm)	W(mm)	H(mm)
50PM-T	172	170	171
63PM-T	172	170	171
50PM-Y	226	120	192
63PM-Y	230	150	230
90PM-Y	320	160	280
110PM-Y	350	170	330
160PM-Y	436	240	430

Model	Connections Size	Connections	Max Flow (m3/h)	Max pressure (bar)	weights (kg)
50PM-T	1.5"×1.5"	BSPT/NPT	13	0.35-10	1.55
63PM-T	2"×2"	BSPT/NPT	25	0.35-10	1.6
50PM-Y	1.5"×1.5"	BSPT/NPT	18	0.35-10	1.86
63PM-Y	2"×2"	BSPT/NPT/VIC	30	0.35-10	2.16
90PM-Y	3"×3"	BSPT/NPT/Flanges/VIC	50	0.35-10	2.04 (with Flanges:3.42)
110PM-Y	4"×4"	Flanges	100	0.35-10	6
160PM-Y	6"×6"	Flanges	150	0.35-10	12

PRESSURE SUSTAINING VALVE WITH SOLENOID CONTROL

sustaining valve is hydraulically operated, diaphragm actuated control valve that sustains minimum preset upstream (back) pressure and opens fully when line pressure is in excess of setting. It either opens or shuts in response to an electric signal.



Dimension

Model	L(mm)	W(mm)	H(mm)
50PS-T	172	170	171
63PS-T	172	170	171
50PS-Y	226	120	192
63PS-Y	230	150	230
90PS-Y	320	160	280
110PS-Y	350	170	330
160PS-Y	436	240	430

Model	Connections Size	Connections	Voltage (V)	Max Flow (m3/h)	Max pressure (bar)	weights (kg)
50PS-T	1.5"×1.5"	BSPT/NPT	AC24V/DC24V/DC12V(Latch)	13	0.35-10	1.65
63PS-T	2"×2"	BSPT/NPT	AC24V/DC24V/DC12V(Latch)	23	0.35-10	1.75
50PS-Y	1.5"×1.5"	BSPT/NPT	AC24V/DC24V/DC12V(Latch)	15	0.35-10	1.9
63PS-Y	2"×2"	BSPT/NPT/VIC	AC24V/DC24V/DC12V(Latch)	25	0.35-10	2.2
90PS-Y	3"×3"	BSPT/NPT/VIC/Flanges	AC24V/DC24V/DC12V(Latch)	50	0.35-10	2.04 (with Flanges:3.42)
110PS-Y	4"×4"	Flanges	AC24V/DC24V/DC12V(Latch)	100	0.35-10	6
160PS-Y	6"×6"	Flanges	AC24V/DC24V/DC12V(Latch)	150	0.35-10	12.1



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