

R20

Solenoid Control Valve
Globe Type

Product Description

DENZ R20 Solenoid Control Valve is designed to allow the pumps to be mounted and unmounted without damaging the system. As soon as the system is turned off, the valve is turned on. As soon as the system is started, the valve gradually closes itself, allowing water to flow. An intermittent relay, switch, PLC control unit, or other control device can be used to control these valves. An appropriate tee fitting should be provided.

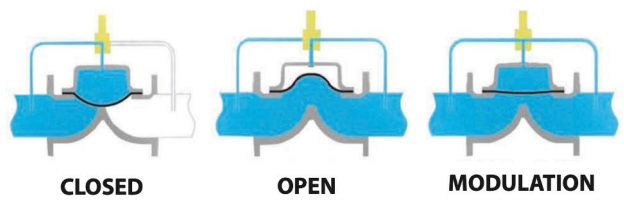
Adjustment

The cable of the solenoid coil should be connected to the panel. Activate the automatic mode on the three-way globe valve. The water in the system needs to be drained.



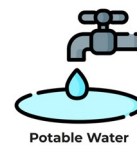
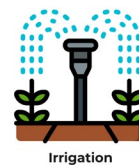
Application Areas

- Agricultural irrigation
- Household implementation
- Supply of water fire extinguishing
- Various applications of industrial systems.
- Food and chemical enterprises



Production References

Size Range	DN40 - DN300
Pressure Range	PN10/16
Temperature	-10°C to +80°C
Connection	Flanged - EN1092-2
Coating	Electrostatic Powder Epoxy
Testing	EN 12266-1
Marking	EN 19

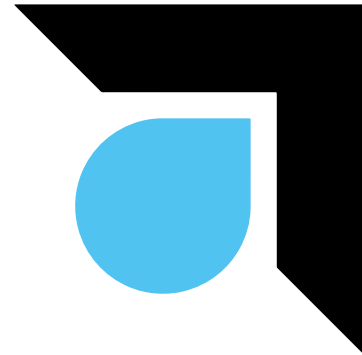




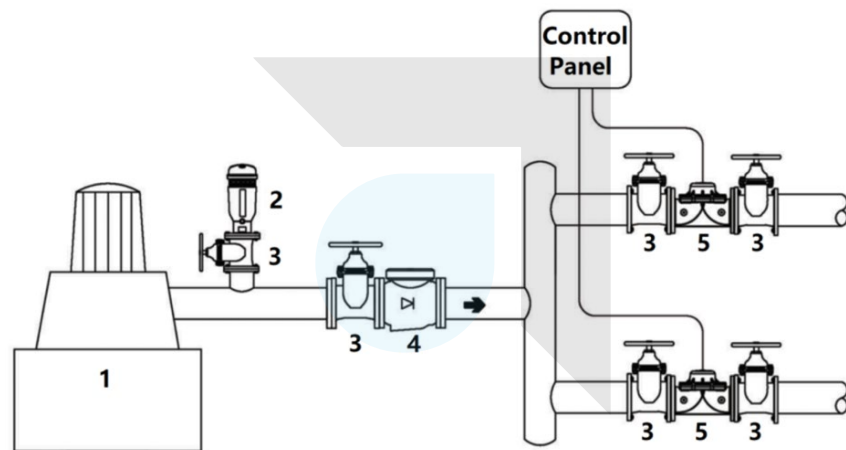
Product Features



- EN-GJS-500-7 Ductile iron body and bonnet for high strength and impact resistance.
- The pressure can be adjusted easily and without any difficulty.
- Reduction of pressure without being affected by changes in pressure and flow in the network.
- On/off switch operated manually.
- Maintainability is easy.
- The consumption of energy is low.
- Various voltages can be controlled. Running on a pressure network does not require additional energy.
- Due to its corrosion-resistant components, it does not require maintenance.
- Since the coating is made with phosphorization and over-dried epoxy powder paint, the coating has a long working life.
- Modulates perfectly in variable flow rates and even at low flow rates close to zero.
- With the use of different pilot valves, it has a wide range of applications.
- 100% of the valves are subjected to Hydrostatic tests according to EN 12266-1. Pressure for seat: PN x 1.1 , for shell: PN x 1.5



Application



- 1- Pump
- 2- Air Release Valve
- 3- Isolation Valve
- 4- Check Valve
- 5- Solenoid Control Valve



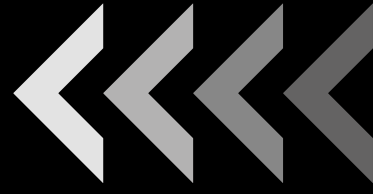


Materials

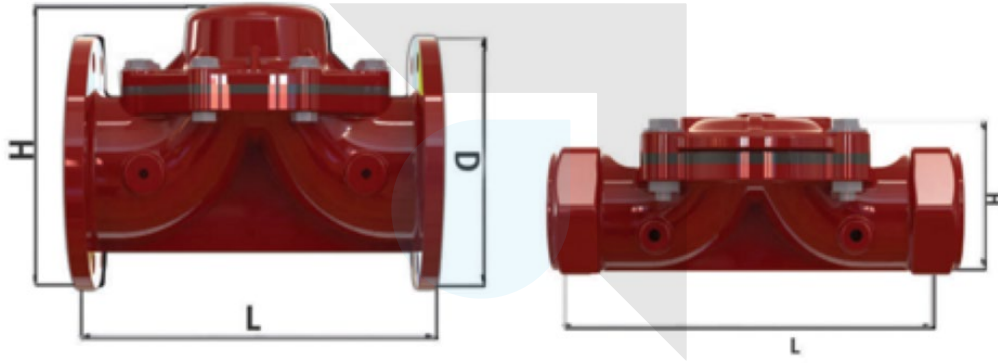


#	Part	Material
1	Body	Ductile Iron EN-GJS-400/500 (GGG40/50)
2	Diaphragm	Court Fabric / Reinforced Natural Rubber
3	Cover	Ductile Iron EN-GJS-400/500 (GGG40/50)
4	Washer	Galvanized Steel 8.8 / A2 / A4
5	Bolt	Galvanized Steel 8.8 / A2 / A4
6	Nut	Galvanized Steel / MS 58 Brass
7	Spring Ring	Polyamic
8	Spring	Stainless Steel AISI 304





Dimensions



Flanged Control Valves

DN		L		D		H		Weight	
inch	mm	inch	mm	inch	mm	inch	mm	lbs	kg
2"	50	8	204	6.4	165	6.4	165	33	15
2½"	65	8.1	206	7.2	185	7.2	185	36	16.5
3"	80	11.4	290	7.8	200	7.8	200	57	26
4"	100	11.6	296	8.6	220	8.6	220	61	28
5"	125	12.3	314	9.8	250	9.8	250	72	33
6"	150	16.2	413	11.2	285	12.6	321	125	57
8"	200	18.5	470	13.3	340	18.8	403	187	85
10"	250	18.5	470	16	407	17	433	226	103
12"	300	20.8	530	18.3	466	19.5	497	316	145

Threaded Control Valves

DN		L		H		Weight	
inch	mm	inch	mm	inch	mm	lbs	kg
2"	50	8.1	206	4.2	107	28.6	13
2½"	65	9	230	4.3	110	30.8	14
3"	80	13.7	350	5.7	145	44	20

Units: mm / indicative dimensions & weights

