

Y-Type Globe



Up-right Globe Type



Solenoid Control Valve (Model 138-010)

Special Features

- Fast Acting Solenoid Control.
- Double Chamber Structure for Safe Control.
- Easy Installation and Maintenance.
- Smooth Operation without Water Hammering.

Model 138-010 consists of Robocon Valve (BALEM 130) and Solenoid On-Off Pilot Valve. It opens or closes upon receiving an electrical signal to the solenoid pilot control. This valve, as a solenoid pilot valve, can be provided two different types. The standard basic valve which normally closed (basic valve opens as solenoid operates), and valve made to order which normally opened (Basic valve closes as solenoid operates). Optional control features are available, such as timer, relay, probe, etc for remote control by electrical signal depends on user's site conditions.

Description	Item
BALEM 130 (Robocon Valve)	1
Needle & Strainer	1
Cock Valve	2
2-Way Solenoid Valve	1
BALEM 551	Optional

Size	Pattern	Operating Pressure	Media	End Connection	Solenoid Control Valve Specifications
50A~300A	Up-right Globe Angle Type	10, 16, 20, 25 kgf/cm ²	Water, Oil Temperature: 0°C ~ 80°C	According to Customer Request	<ul style="list-style-type: none"> • Voltage : 24, 110, 220 AC 60Hz or 50Hz / 12, 24 DC • Coil Insulation : Coil Insulation Class B(Standard) H(Optional)
50A~1000A	Y-type Globe				

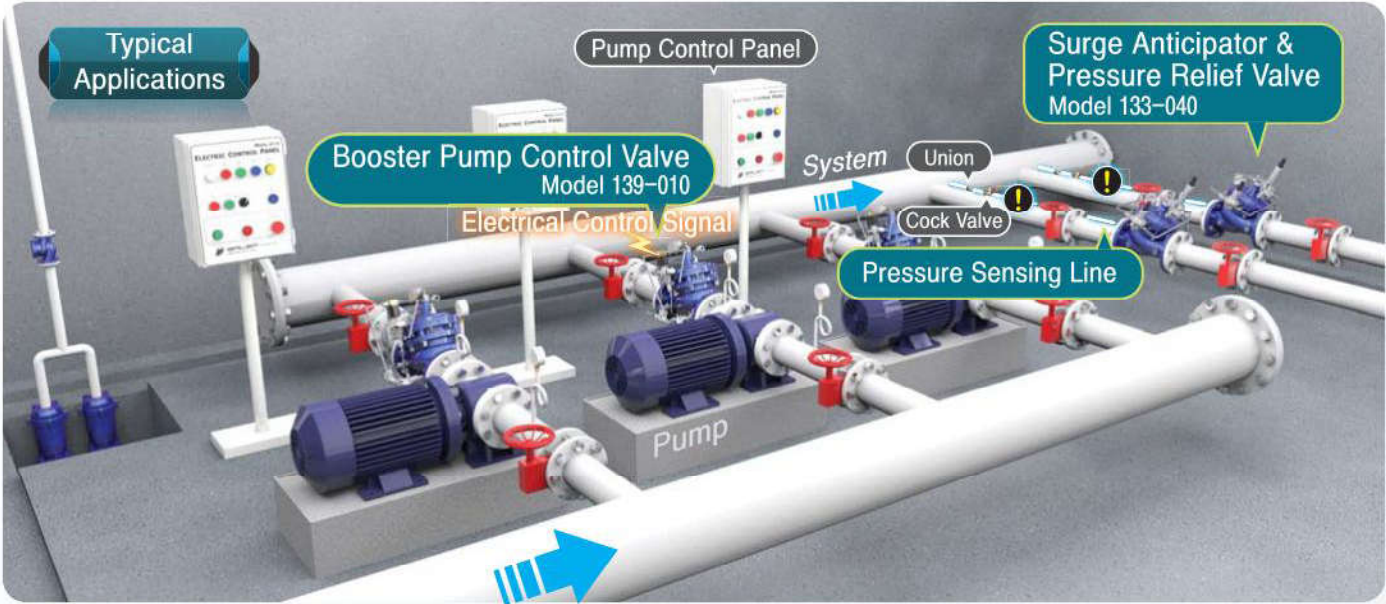
Typical Applications



© Product installation, please refer to the installation of the 25page recommendations.

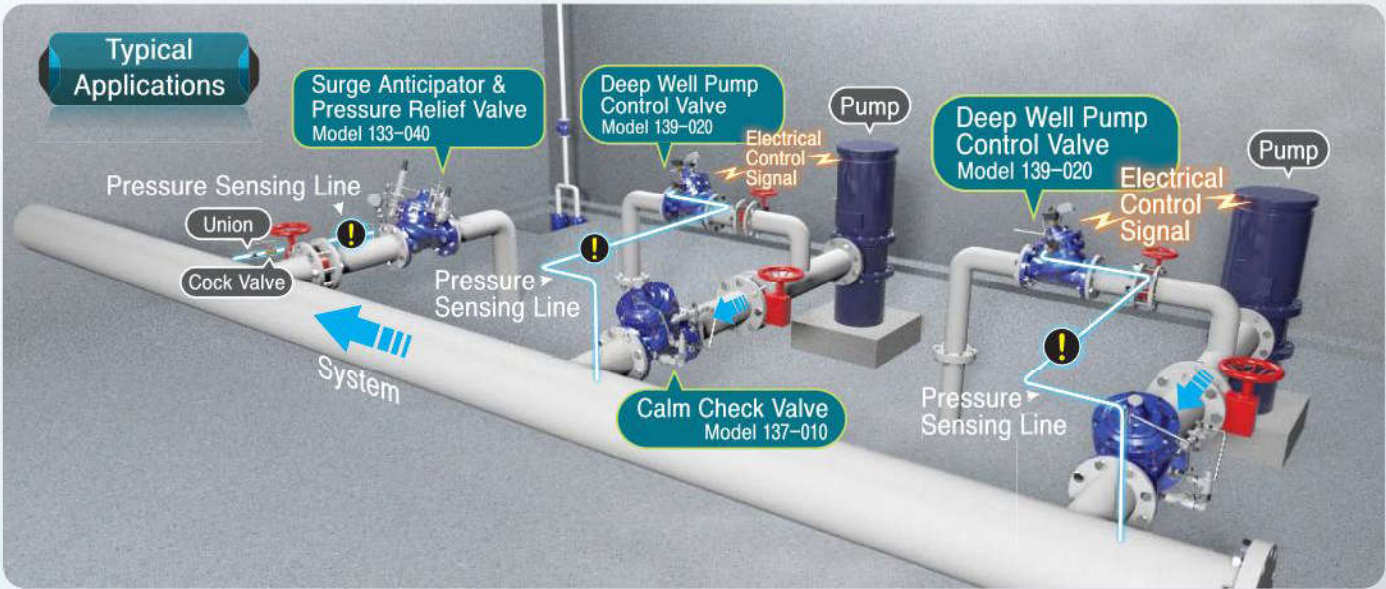
Technical data

Pump control valve selection guide



It is recommended to use Booster Pump control valve (Model 139-010) when least pressure is applied to the pump inlet as per the picture above. The functions of each valve are as below :

Valve	Function
Booster Pump Control Valve (Model 139-010)	<ul style="list-style-type: none"> • Built in check function • Control without water hammer when stopping pump and starting pump
Surge Anticipator & Pressure Relief Valve (Model 133-040)	<ul style="list-style-type: none"> • Water hammering anticipating & relief valve functions on high pressure



Valve	Function
Deep Well Pump Control Valve (Model 139-020)	<ul style="list-style-type: none"> • Control without water hammer when stopping pump and starting pump • Release all air in the pipe line when starting pump • Prevents negative pressure(vacuum) in the pipe line when stopping pump • Individual open/closing speed control possible
Calm Check Valve (Model 137-010)	<ul style="list-style-type: none"> • Slow closing check valve function (individual open/closing speed control possible)
Surge Anticipator & Pressure Relief Valve (Model 133-040)	<ul style="list-style-type: none"> • Water hammering anticipating & relief valve functions on high pressure

⊙ If a normal booster pump control valve is installed in a deep well pump system. It may cause water hammering in the system. Therefore, it is recommended to pay more attention in selecting a proper booster pump model.