

PRESSURE DIFFERENTIAL BYPASS VALVE



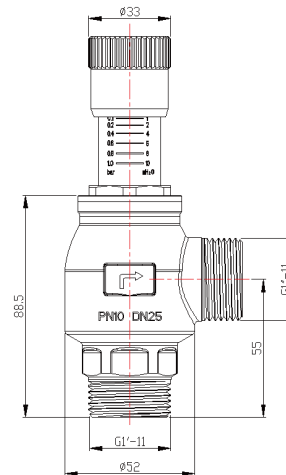
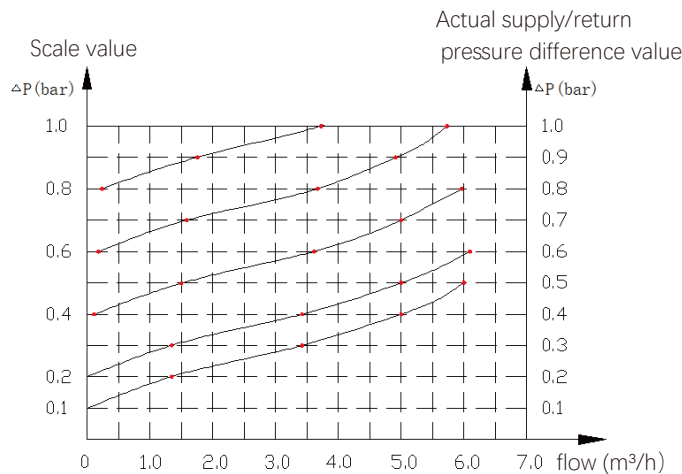
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PRODUCT DESCRIPTION AND ADVANTAGES

A pressure differential bypass valve is used to balance the pressure difference between supply and return water in a two-way AC system. It can automatically adjust the opening according to the terminal heat load. It can also ensure the passage of a certain amount of water in the AC unit when the terminal load is subtle or zero. The valve is superior to other balance valves in that it does not need other power, completely relying on the pressure difference.

TECHNICALPARAMETER	
Pressure difference adjustment range	0.1bar~1.0 bar
Maximum withstand voltage	16 bar
Working temperature	0-110 C
Valve Kv value	See the curve chart
Valve body material	SUS304
Connection specifications	DN25(G1")

DIFFERENTIAL PRESSURE FLOW CURVE CHART



Requirements:

1. Before installation, check whether the pipeline is correct and connection is reliable.
2. Before installation, remove the debris in the pipeline, and check whether the pressure level is consistent with the system.
3. A ball valve switch should be installed before and after the pressure differential bypass valve to facilitate inspection and maintenance.
4. Both ends of the pressure differential bypass valve should be directly connected with the supply pipeline and return pipeline to accurately reflect the pressure difference.