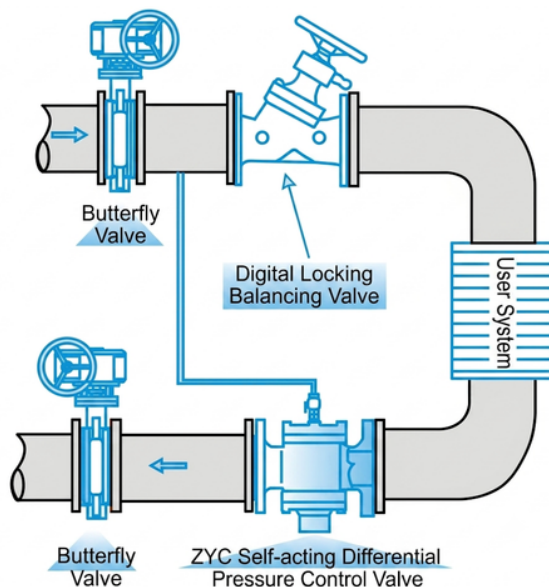


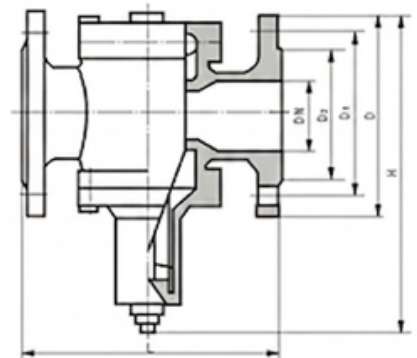
Product Features and Applications

The ZYC-type self-operated differential pressure control valve is a valve that utilizes the pressure changes of the medium itself for self-control, keeping the differential pressure of the medium flowing through the controlled system constant. It is suitable for differential pressure control in heating systems using a two-pipe layout, ensuring the system remains basically unchanged, reducing noise, balancing resistance, and eliminating hydraulic imbalance in the heating network.

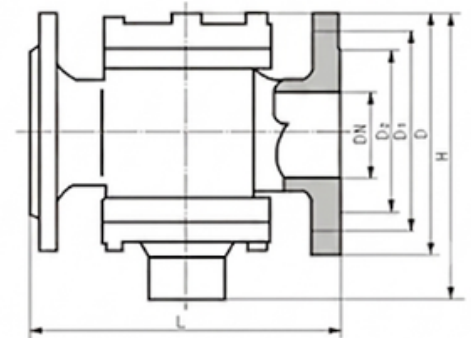
Installation Schematic



ADJUSTABLE TYPE



FIXED TYPE



Main Performance Parameters

Model	PN	Casing test pressure	Control range of pressure differential	
			Fixed pressure differential type	Adjustable pressure differential type
ZYC-16	1.6MPa	2.4MPa	10KPa, 20KPa, 30KPa	10~30KPa

Main External and Connection Dimensions

DN mm	Way of connection	L mm	D	D1	D2	H(mm)		Flow m ³ /h	Suitable medium	Medium tem- perature	Part material
						Fixed pressure differential type	Adjustable pressure differential type				
15	Thread	110	95	65	45	95	145	0.2-1	Water	0~100°C	Body, upper and lower bonnets: cast iron. Valve core: copper. Membrane: nylon reinforced rubber. Spring: stainless steel.
20		110	105	75	55	110	150	0.3-1.5			
25		115	115	85	65	130	165	0.5-2			
32	Flange	130	135	100	78	140	190	1-4			
40		200	145	110	85	190	340	1.5-6			
50		215	160	125	100	205	355	2-8			
65		230	180	145	120	240	390	3-12			
80		275	195	160	135	Nylon	500	5-20			
100		290	215	180	155	300	550	10-30			
125		310	245	210	185	380	580	15-45			