



**Purpose**

Digital lock balance valve is a multi-functional liquid flow control valve, it can be convenient and accurate regulation of flow, widely used in heating and air conditioning system and other need to regulate the flow of pipeline system.

**Main performance parameters**

Size	50~300		mm
Pressure	1.0	1.6	MPa
Shell test	1.5	2.4	
Sealing test	1.1	1.76	
Suitable temperature	≤ 120		°C
Suitable medium	Water		

Size of flange: GB/T 17241.6

**Main part material**

Part	Material
Body	Cast iron/Ductile iron
Bonnet	Cast iron/Ductile iron
Disc	Stainless steel
Seat	PTFE
Stem	2Cr13
Gasket	XB450
Handwheel	Q235
Test valve	Cooper

**Main dimensions(mm)**

DN		50	65	80	100	125	150	200	250	300
L		232	258	284	310	335	364	470	560	600
D	PN10	160	180	190	215	245	280	335	405	455
	PN16	160	180	190	215	245	280	335	405	455
D1	PN10	125	145	160	180	210	240	295	350	400
	PN16	125	145	160	180	210	240	295	355	410
n-Φd	PN10	4-18	4-18	8-18	8-18	8-18	8-23	8-23	12-23	12-23
	PN16	4-18	4-18	8-18	8-18	8-18	8-23	12-23	12-26	16-26

Note:1. Other specifications and flange standards are available upon request.  
 2. Design and specifications are subject to change without prior notice.