Number-Lock Balance Valve

PRODUCT OVERVIEW

Body material:	Ductile cast iron QT450-10
Size range:	DN32 ~ 200mm
Pressure rating:	1.6MPa
Operating temperature:	-10 ~ 120℃
End connection:	Flanged
Applicable medium:	Water, Sewage
Mode of operation:	Manual
Applicable industry:	Water & Water Treatment, Power Generation, Pulp & Paper, Municipal
Design & Manufacture:	API, ASME, ASTM, ANSI, BS, DIN, JIS, ISO, GB

MstnLand
Address: No.201, Unit 2, 3rd office building, Yuangyang Rd, Free trade port area, Yangpu economic development zone, Hainan, P.R.China
Mobile: +86 130 2127 0021 Office: +86 0898 28831101 Fax: +86 0898 28831101 Email: info@mstnland.com Web: www.mstnland.com

DESIGN FEATURES

1. Ideal adjustment performance;

2. Excellent cut-off function;

3. The open state display can be accurate to 1/10 turn;

4. The theoretical flow characteristic curve is an equal percentage characteristic curve;

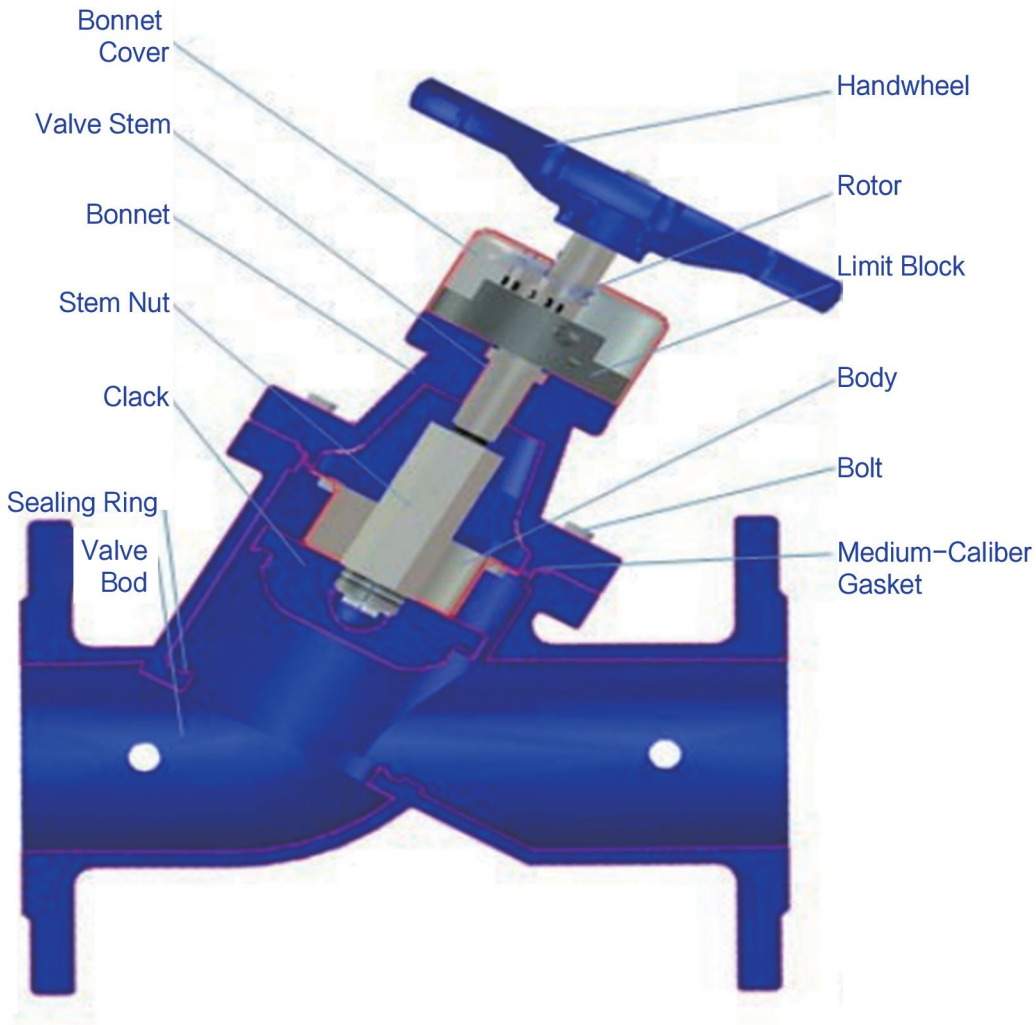
5. The opening and closing locking device is granted with national patent;

6. Each full turn is provided with a fixed flow coefficient. Therefore, As long as the pressure difference between the two ends of the valve is measured during debugging, the flow rate through the valve can be easily calculated.

VALVE MATERIAL LIST

Part Name	Part Material
Valve body, Bonnet	QT450-10
Valve stem	2Cr13
Stem nut	45 (galvanized)
Bowl	Q235
Valve clack	HT200+Vulcanized rubber (EPDM)
Stem seal	EPDM O-ring
Handwheel	HT200
Bolts, Nuts	25/35

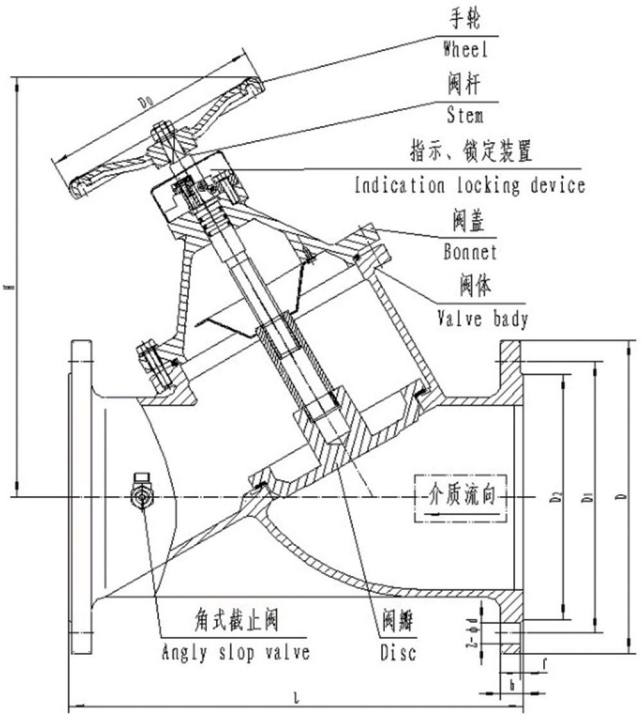
Address: No.201, Unit 2, 3rd office building, Yuangyang Rd, Free trade port area, Yangpu economic development zone, Hainan, P.R.China
Mobile: +86 130 2127 0021 Office: +86 0898 28831101 Fax: +86 0898 28831101 Email: info@mstnland.com Web: www.mstnland.com



Address: No.201, Unit 2, 3rd office building, Yuangyang Rd, Free trade port area, Yangpu economic development zone, Hainan, P.R.China
Mobile: +86 130 2127 0021 Office: +86 0898 28831101 Fax: +86 0898 28831101 Email: info@mstnland.com Web: www.mstnland.com

TECHNICAL SPECIFICATIONS

Model	DN	Size(mm)							
		L	D	D_1	D_2	b-f	Z-Φd	H	D_0
JP41F-16	32	190	140	100	76	18-3	4-Φ19	220.3	120
	40	190	150	110	84	18-3	4-Φ19	220.3	120
	50	203	165	125	99	19-3	4-Φ19	224	120
	65	216	185	145	118	19-3	4-Φ19	252.8	120
	80	241	200	160	132	20-3	8-Φ19	273	160
	100	292	220	180	156	22-3	8-Φ19	294.1	160
	125	330	250	210	184	23-3	8-Φ19	340.1	180
	150	356	285	240	211	23-3	8-Φ23	368.4	240
	200	495	340	295	266	25-3	12-Φ23	456.2	280



Address: No.201, Unit 2, 3rd office building, Yuangyang Rd, Free trade port area, Yangpu economic development zone, Hainan, P.R.China
Mobile: +86 130 2127 0021 Office: +86 0898 28831101 Fax: +86 0898 28831101 Email: info@mstnland.com Web: www.mstnland.com