WIKATÜREN

Y PATTERN REGULATED BALANCING VALVE

Model : 17.171
27.171

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SPECIFICATION

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- PN20-Screwed ends BS21 (BS7350) Non-rising stem, screwed bonnet, parabolic slotted regulating disc, double regulating memory stop device with two built-in test point.

Model: 27.171

- PN16, ANSI150-Flanged BS EN1092-2 (BS7350) Variable orifice double regulating valve inside screw, non-rising stem, EPDM coated disc back seating feature, fitted with regulating disc, double regulating device and indicator and two built in test points.

Main parts

- Handwheel: Steel
- Gasket: EPDM
- Body / Bonnet: PN25- Brass (DZR)
  : PN16- Ductile iron with epoxy coated
- O-Ring: PTFE
- Packing gland: PTFE
- Disc: EPDM coated

Working Conditions

- No cavity on working
- Suitable temperature : -10℃～+130℃

Description

- Face to face dimensions as DIN3202 F1, BS7350
- This kind of valve is a special valve for flowing balance control in heating and cooling system.
- Good flowing rate control, accurate indicator of valve open, special device for locking the valve open, having small valve for testing the pressure (pressure drops and flowing rate)

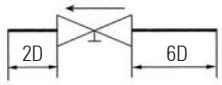
Attention

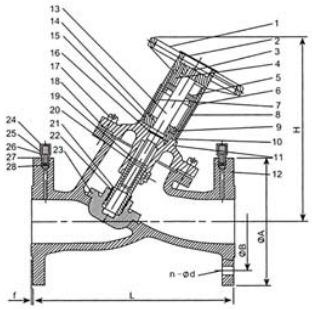
- The flowing direction of fluid must be in consistent with the arrow on the value.
- Strongly suggesting to have two straight pipes as the above sketch before and after the valve, to avoid turbulence affecting the accuracy.

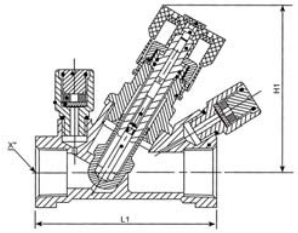
MATERIALS

NO.	PART NAME	NO.	PART NAME
1	Handwhee	13	Stem
2	Plastic Cover	14	O-Ring
3	Bolt	15	Packing gland
4	Lock bolt	16	Gasket
5	Adjustable gasket	17	Bolt
6	Indicator	18	Gasket
7	Indicator scale	19	Stem nut
8	Connection pipe	20	Orientation bolt
9	Bolt	21	Stem nut locker
10	Gasket	22	O Ring
11	Bonnet	23	Disc
12	Body	24	Testing parts

INSTALLATION







DIMENSIONS(mm)

PN16

SIZE	L	H	f		ØA		ØB		ØB	
			CLASS150	PN16	CLASS150	PN16	CLASS150	PN16	CLASS150	PN16
2″	230	267	/	3	152.4	165	120.6	125	4-Ø19	4-Ø19
2-1/2″	290	301	/	3	177.8	185	139.7	145	4-Ø19	4-Ø19
3″	310	312	/	3	190.5	200	152.4	160	4-Ø19	8-Ø19
4″	350	331	/	3	228.6	220	190.5	180	8-Ø19	8-Ø19
5″	400	354	/	3	254	250	215.9	210	8-Ø22.3	8-Ø19
6″	480	368	/	3	279.4	285	241.3	240	8-Ø22.3	8-Ø23
8″	600	368	/	3	342.9	340	298.45	295	8-Ø22.3	12-Ø23

PN20

SIZE	1/2″	3/4″	1″	1 1/4″	1 1/2″	2″
L1(mm)	90	96	105	117	121.9	143.5

Note : We reserve the right to change contents and from of this sheet without notice.

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