



AW58/1

FIXED ORIFICE DOUBLE REGULATING VALVE

BS, DN65 - DN150 (EPDM)

Single unit Y-pattern globe valves incorporating an integral orifice plate to form a fixed orifice flow measurement unit with regulation and isolation capacity.

Application:



District Heating & Cooling. Primarily used in injection or other circuits requiring a double regulating valve for systems balancing. Accuracy of flow measurement is $\pm 5\%$ at all open positions of the valve.

Design features

- One rectangular aluminum label is pasted on the front of valve body
- The working medium is heating and ventilating water
- Valve is supplied with Hand Wheel as standard.

Technical Details

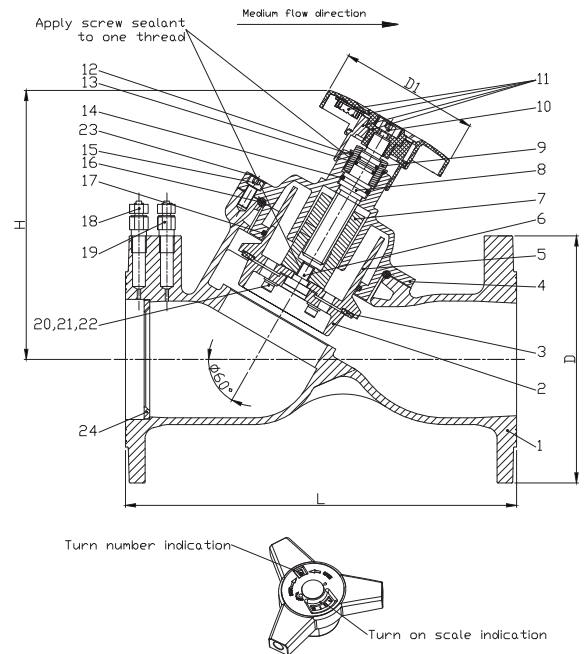
Face to Face in accordance to: EN 558-1 Series 1	Construction complies to: BS 7350
Maximum Working Pressure PFA: 16 bar / PN16	Flange Type: EN 1092-2 PN16
Working temperature: Maximum +80°C	Coating: 250 μm FBE coating, external and internal





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No	Part Name	Material
1	Body	Ductile Iron EN-GJS-450-10
2	Disc	Ductile Iron EN-GJS-450-10
3	Seal	Gasket EPDM
4	Cover	Ductile Iron EN-GJS-450-10
5	Bracket	Ductile Iron EN-GJS-450-10
6	Screw	Stainless Steel X5CrNi18-10 / 1.4301 / 304
7	Stem Nut	Brass CW617N
8	Stem	Stainless Steel X12Cr13 / 1.4006 / 410
9	Gland	Brass CW617N
10	Hexagon Socket Screws	Stainless Steel X5CrNi18-10 / 1.4301 / 304
11	Handwheel parts	ABS
12	O-ring	Elastomer EPDM
13	O-ring	Elastomer EPDM
14	O-ring	Elastomer EPDM
15	Hexagon Socket Screws	Stainless Steel X5CrNi18-10 / 1.4301 / 304
16	O-ring	Elastomer EPDM
17	O-ring	Elastomer EPDM
18	Measuring Valve (Red)	Brass CW617N
19	Measuring Valve (Blue)	Brass CW617N
20	Hexagon Socket Screws	Stainless Steel X5CrNi18-10 / 1.4301 / 304
21	Lock Washer	Stainless Steel X5CrNi18-10 / 1.4301 / 304
22	Plain Washer	Stainless Steel X5CrNi18-10 / 1.4301 / 304
23	Dust Cover	Nylon
24	Measuring Plate	Brass CW617N



Dimension (mm & kg)

DN	65	80	100	125	150
AW58/1 PN16	AB9365	AB9366	AB9367	AB9368	AB9369
L	290	310	350	400	480
H	228	235	239	298	311
D	185	200	220	250	285
D1	150	150	150	150	150
Weight kg	17	20	29	40	52
Stem Top Square □S	19	24	27	27	27