



AW58/4

VARIABLE ORIFICE DOUBLE REGULATING VALVE

BS, DN200-DN500 (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

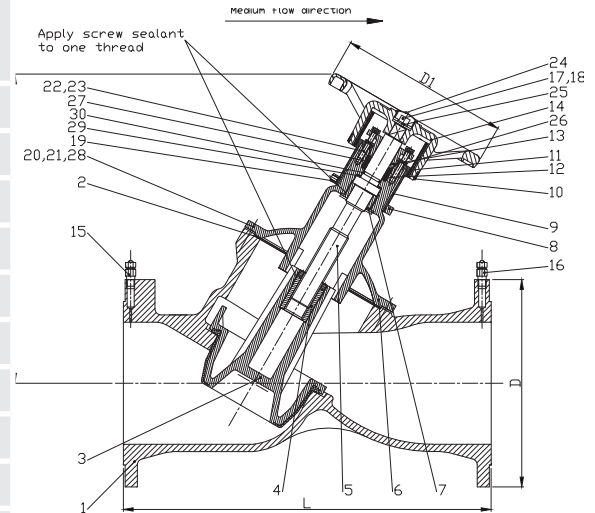
Face to Face in accordance to: EN 558-1 Series 1	Construction complies to: BS 7350
Maximum Working Pressure PFA: 16 bar / PN16	Flange Type: EN 1092-2 PN16
Working temperature: Maximum +80°C	Coating: 250 μm FBE coating, external and internal





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No	Part Name	Material
1	Body	Ductile Iron EN-GJS-450-10
2	Seal Gasket	EPDM
3	Disc	Ductile Iron EN-GJS-450-10
4	Stem Nut	Brass CW617N
5	Stem	Stainless Steel X12Cr13/1.4006/410 (DN200-300) Stainless Steel X17CrNi16-2/1.4057/431 (DN350-500)
6	Cover	Ductile Iron EN-GJS-450-10
7	Gland	Brass CW617N
8	Indicator Limit Sleeve	Brass CW617N + galvanization
9	Indicator Guide Sleeve	Brass CW617N
10	Indicator Circle	ABS
11	Indicator	ABS
12	Packing Seal	Elastomer EPDM
13	Packing Gland	Ductile Iron EN-GJS-450-10
14	Hanwheel	Ductile Iron EN-GJS-450-10
15	Measuring Valve (Red)	Brass CW617N
16	Measuring Valve (Blue)	Brass CW617N
17	Hexagon Socket Screws	Stainless Steel X5CrNi18-10 / 1.4301 / 304
18	Large Washers	Stainless Steel X5CrNi18-10 / 1.4301 / 304
19	Hexagon Socket Screws	Stainless Steel X5CrNi18-10 / 1.4301 / 304
20	Hexagon Head Bolts	Stainless Steel X5CrNi18-10 / 1.4301 / 304
21	Spring Washer	Stainless Steel X5CrNi18-10 / 1.4301 / 304
22	Hexagon Head Bolts	Stainless Steel X5CrNi18-10 / 1.4301 / 304
23	Spring Washer	Stainless Steel X5CrNi18-10 / 1.4301 / 304
24	Dust Cap	ABS
25	Spring Washer	Stainless Steel X5CrNi18-10 / 1.4301 / 304
26	Hex Nuts	Stainless Steel X5CrNi18-10 / 1.4301 / 304
27	Filler	PTFE
28	Washer	Stainless Steel X5CrNi18-10 / 1.4301 / 304
29	Shoulder Gasket	Brass CW617N
30	O-ring	Elastomer EPDM



Dimension (mm & kg)

DN		200	250	300	350	400	450	500
AW58/4	PN16	AB9382	AB9383	AB9384	AB9385	AB9386	AB9387	AB9388
	PN10	AB9396	AB9397	AB9398	AB9399	AB9400	AB9401	AB9402
L		600	730	850	980	1100	1200	1250
H		507	570	686	681	965	972	1065
D		340	405	460	520	580	640	715
D1		280	420	420	420	640	640	640
Weight kg		133	185	248	408	592	684	836