

Fig. 1050 (Flow Control) Fig. 1052 (Strainer)
DZR Y-Pattern Autoflow

FEATURES AND BENEFITS

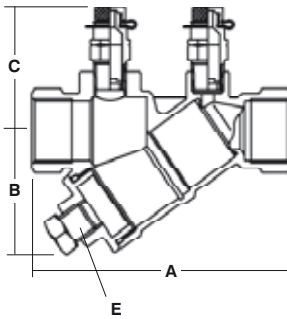
- Ensures constant volume irrespective of changing conditions
- Energy efficient, preventing overflows or excess flow rates
- Tamperproof



MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Body	DZR Copper Alloy	12164 CW602N	
Cover	DZR Copper Alloy	12164 CW602N	
Seals	EPDM		
Drain Plug	Brass	12164 CW614N	
Test Point	Fig. 631		
Flow Cartridge	Stainless Steel	10270 X10CrNr18-8	A276-304
Flow Cartridge Adaptor	Brass	12164 CW619N	
Strainer Element	Stainless Steel	10270 X10CrNr18-8	A276-304

DIMENSIONAL DRAWINGS



DIMENSIONS AND WEIGHTS

Nom Size	in	1/2	3/4	1	1 1/4	1 1/2	2
A	mm	101	106	141	148	177	179
B	mm	51	51	68	68	104	104
C (Approx)	mm	56	56	60	60	65	65
E	(BS21 Pl)	1/4	1/4	1/2	1/2	1/2	1/2
Weight	kg	0.52	0.55	0.98	1.1	2.2	2.4

PRESSURE/TEMPERATURE RATING

21 bar at 120°C
25 bar up to 100°C

TEST PRESSURES (HYDRAULIC)

Shell: 37.5 bar

SPECIFICATION

Taper threaded BS EN 10266 (ISO 7-1) formerly BS 21.

Autoflow regulator is factory set for correct flow.

Cartridge removable from body to provide access for change, inspection and cleaning without removing body from pipeline.

Supplied with two figure 631 test points in port positions 1 and 2 - see page 10.

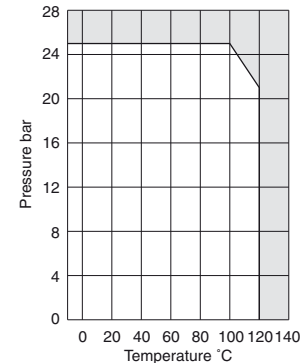
Other ports can be supplied threaded, see page 10 for details.

Drain valve optional.

Test points can be supplied with extension pieces to clear insulation.

Tagged with flow rate.

Figure 1052 fitted with 20 mesh stainless steel filter in lieu of flow cartridge.



For Commissioning Valve Coefficients please refer to pages 49-51.

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