

Triple Duty Valve PN16 Fig. VA1118

Specification

- ✓ Three valves in one: Balancing Valve, Check Valve, Shut-Off Valve
- ✓ Spring assisted for better dynamic behavior
- ✓ Soft sealed for perfect tightness even at low differential pressure
- ✓ Can be set in conjunction with flow charts
- ✓ Two test points located on each valve
- ✓ Available with flange to EN1092-2 PN10 or PN16, ANSI B16.1 Class 125 (Other flange types available on request)
- ✓ Grooved to Metric or AWWA C606 standard
- ✓ Face to Face Dimension in accordance with EN558-1 basic series 1
- ✓ Rated Working Pressure 16 bar / 232 psi

Material Specification

Item	Part Name	Material	Specification
1	Body	Ductile Iron	EN 1563 EN-GJS-450-10
2	Cover	Ductile Iron	EN 1563 EN-GJS-450-10
3	Disc	Stainless Steel	EN 10088 X5CrNi18-10
4	Disc Sealed Ring	Rubber	EN 681 EPDM or NBR
5	Stem	Stainless Steel	EN 10088 X20Cr13
6	Gasket	Rubber	EN 681 EPDM
7	Spring	Stainless Steel	EN 10088 X5CrNi18-10
8	Bushing	Brass	EN 12165 CuZn39Pd3
9	Handwheel	Ductile Iron	EN 1563 EN-GJS-450-10

Corrosion Protection

Fusion Bonded Epoxy Coating with a minimum thickness of 250 microns for excellent corrosion resistance

Main Dimensions (mm)

Size	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
L	230	290	310	350	400	480	600	730	850
H (Open)	245	290	305	355	425	460	560	650	705

Features & Benefits

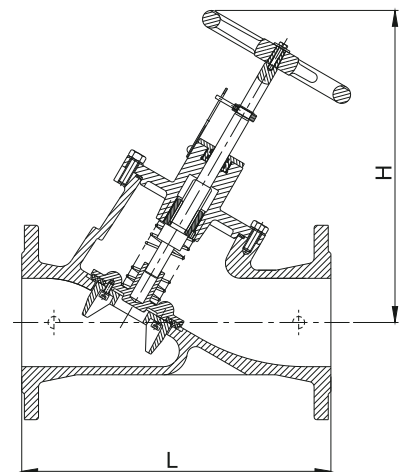
- ✓ Three Functions in One Valve Combines balancing, non-return and shut-off functions in a single compact unit
- ✓ Spring-Assisted Check Design Helps prevent reverse flow and reduces water hammer
- ✓ Accurate Flow Balancing Allows precise adjustment of system flow for efficient hydraulic performance
- ✓ Soft-Seated Disc Provides reliable tight shut-off, including at low differential pressure
- ✓ Integrated Test Points Enables convenient differential pressure measurement and system commissioning
- ✓ Space & Cost Saving - Reduces the number of separate valves, fittings and installation requirements
- ✓ Durable Ductile Iron Construction Provides strength and long service life for demanding HVAC applications
- ✓ Fusion-Bonded Epoxy Coating Provides enhanced internal and external corrosion protection
- ✓ Ideal for Pump Discharge Applications Designed for hydronic heating and cooling systems

PRESSURE/ TEMPERATURE RATING

16 bar from -10°C to 120°C

HYDROSTATIC TEST PRESSURE

✓ Shell - 24 bar ✓ Seat - 17.6 bar



Notes

Specifications, materials and dimensions shown are subject to change without prior notice

