

HVAC CONTROL PRODUCTS

Valves

Plant Valves

VG8300N

DN40...150, PN16 Pressure Balanced

These pressure balanced flanged valves are primarily designed to regulate the flow of water and steam in response to the demand of a controller, in heating, ventilating and air conditioning systems.

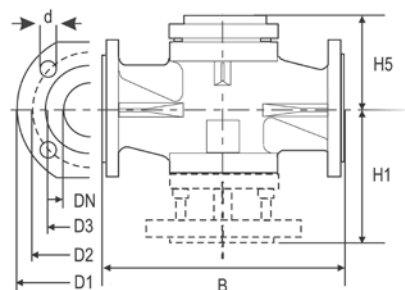
These valves have a specially designed plug, which through specific balancing of pressures allows higher close-off pressures with standard actuator combinations.

A variety of electric and pneumatic actuators are available.



Features

- Nodular cast iron bodies
- Kvs 25...350
- 2-way PDTC (normally open) configuration
- PN16
Fluid temperature 2...180 °C
with Glycerin cup -10...180 °C
- Pressure balanced valve plug
- DIN flanged



Dimensions in mm

Body Size	B	D1	D2	D3	d	H1	H5	Bolts	Holes
DN40	200	150	110	88	17.5	140	78	M16 x 55	4
DN50	230	165	125	102	17.5	145	101	M16 x 60	4
DN65	290	185	145	122	17.5	156	102	M16 x 60	4
DN80	310	200	160	138	17.5	180	108	M16 x 65	8
DN100	350	220	180	158	17.5	225	136	M16 x 70	8
DN125	400	250	210	188	17.5	255	155	M16 x 75	8
DN150	480	285	240	212	22	290	175	M20 x 75	8

Ordering Codes*	Body Size	Kvs	Close-off Pressure kPa						
			Spring Return		Non Spring Return				
			FA-2000-741x 2200 N	VA1x20** 2000 N	RA-3100-8126 1200 N	RA-3100-8226 1700 N	VA1125** 2500 N	VA78xx 1000 N	
VG83E1S1N	DN40	25	---	1600	1600	---	1600	1600	
VG83F1S1N	DN50	40			---	1600		---	1600
VG83G1S1N	DN65	63							
VG83H1S1N	DN80	100							
VG83J1S1N	DN100	160	1600	1500	---	1600	---	---	
VG83K1S1N	DN125	250		1400					1500
VG83L1S1N	DN150	350		1000					1400

Notes

* For factory mounted valve actuators just add "+M" to the actuator ordering code.

** For fluid temperature >140 °C the extension kit VA1000-EP must be mounted.