

VALVES

PLANT VALVES

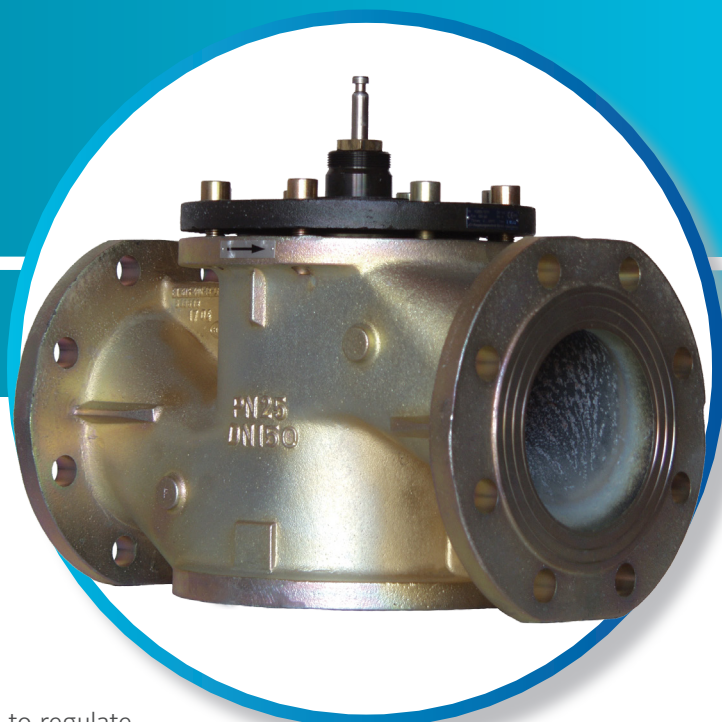
VG8300N

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 (HVAC) systems.

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

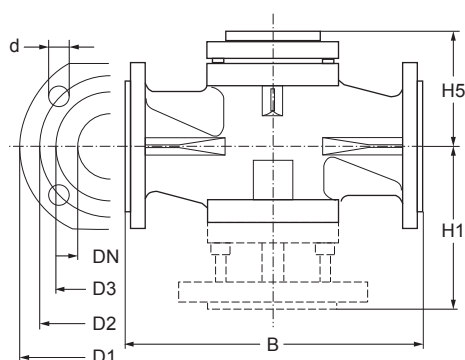
A variety of electric and pneumatic actuators are available.



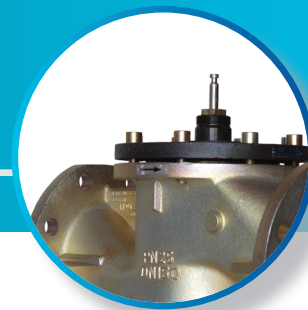
FEATURES

- Nodular cast iron bodies
- K_{VS} 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 INFORMATION

CODES *	BODY SIZE	K _{VS}	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	1500	---		
VG83K1S1N	DN125	250		1400					1400	
VG83L1S1N	DN150	350		1000						

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.