



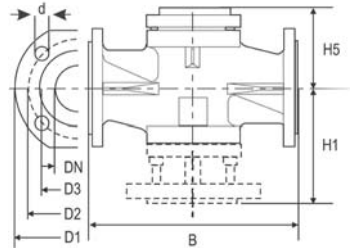
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Valves

VG9000 Series PN6 and PN10 Flanged Valves (1/3)



**VG9000 Series
PN6 and PN10 Flanged Valves**

Description

These VG9000 Series cast iron flanged valves are designed primarily to regulate the flow of water and low pressure steam in response to the demand of a controller, in heating, ventilating, and air conditioning systems. These valves are available in 2-way PDTO (normally closed) and 3-way mixing configurations. Following models of electric actuator are available as standard for this valve: the VA-7700 for DN 15...DN 50 and VA7810 for DN 15...DN 65 and the VA-1000 for DN 65... DN 100 valves.

Features

- PN6 and PN10 cast iron valves
- DN15...100
- Kvs 0.63...160
- 2-way PDTO normally closed, 3-way mixing
- Fluid Temperature 2...140 °C

Dimensions in mm

PN 6								PN 10						
DN	B	D1	D2	D3	d	H1	Holes	B	D1	D2	D3	d	H1	Holes
15	130	80	55	38	11	65	4	130	95	65	46	14	65	4
20	140	90	65	48	11	70	4	150	105	75	56	14	75	4
25	150	100	75	58	11	75	4	160	115	85	65	14	80	4
32	180	120	90	69	14	90	4	180	140	100	76	19	90	4
40	180	130	100	78	14	90	4	200	150	110	84	19	100	4
50	200	140	110	88	14	100	4	230	165	125	99	19	115	4
65	240	160	130	108	14	120	4	290	185	145	118	19	145	4
80	260	190	150	124	19	130	4	310	200	160	132	19	155	8
100	300	210	170	144	19	150	4	350	220	180	156	19	175	8

Valves

VG9000 Series PN6 and PN10 Flanged Valves (2/3)

PN6 VG9000 Series Flanged Valves and Actuators - Selection Table

Body Size	Kvs	Nominal Stroke (mm)	Close Off Pressure kPa				Ordering Codes		
			VA-77xx-820x 500 N	VA78xx-xxx-12 1000 N	VA-1125-GGA-1 2500N	VA-1x20-GGA-1 2000N			
2-way PDT0									
DN15	0.63	8	600	600	---	---	VG94A5S1K		
	1.0						VG94A4S1K		
	1.6						VG94A3S1K		
	2.5						VG94A2S1K		
	4.0						VG94A1S1K		
DN20	6.3	13	590	600	---	---	VG94B1S1K		
DN25	10						VG94C1S1K		
DN32	16						360	480	VG94E2S1K
DN40	25						190	290	VG94E1S1K
DN50	40						100	290	VG94F1S1K
DN65	63	19	---	150	620	470	VG94G1S1K		
DN80	100			---	---	400	300	VG94H1S1K	
DN100	160			---	---	240	180	VG94J1S1K	
3-way Mixing									
DN15	0.63	8	600	600	---	---	VG98A5S1K		
	1.0						VG98A4S1K		
	1.6						VG98A3S1K		
	2.5						VG98A2S1K		
	4.0						VG98A1S1K		
DN20	6.3	13	490	600	---	---	VG98B1S1K		
DN25	10						VG98C1S1K		
DN32	16						280	440	VG98E2S1K
DN40	25						130	260	VG98E1S1K
DN50	40						60	260	VG98F1S1K
DN65	63	19	---	130	620	470	VG98G1S1K		
DN80	100			---	---	400	300	VG98H1S1K	
DN100	160			---	---	240	180	VG98J1S1K	

Ordering of factory mounted valves and electric actuators

The valves and actuators can be ordered separately or factory mounted.
When factory mounted, please add "+M" to the order code for the actuator.

Valves
VG9000 Series PN6 and PN10 Flanged Valves (3/3)
PN10 VG9000 Series Flanged Valves and Actuators - Selection Table

Body Size	Kvs	Nominal Stroke (mm)	Close Off Pressure kPa				Ordering Codes
			VA-77xx-820x 500 N	VA78xx-xxx-12 1000 N	VA-1125-GGA-1 2500N	VA-1x20-GGA-1 200N	
2-way PDTO							
DN15	0.63	8	1000	1000	---	---	VG94A5S1L
	1.0						VG94A4S1L
	1.6						VG94A3S1L
	2.5						VG94A2S1L
	4.0						VG94A1S1L
DN20	6.3	13	980	---	---	VG94B1S1L	
DN25	10	19	640	1000	---	---	VG94C1S1L
DN32	16	19	400	900	---	---	VG94E2S1L
DN40	25		210	510	---	---	VG94E1S1L
DN50	40		110	310	---	---	VG94F1S1L
DN65	63	25	---	160	620	470	VG94G1S1L
DN80	100		---	---	400	300	VG94H1S1L
DN100	160		---	---	240	180	VG94J1S1L
3-way Mixing							
DN15	0.63	8	1000	1000	---	---	VG98A5S1L
	1.0						VG98A4S1L
	1.6						VG98A3S1L
	2.5						VG98A2S1L
	4.0						VG98A1S1L
DN20	6.3	13	880	---	---	VG98B1S1L	
DN25	10	19	430	1000	---	---	VG98C1S1L
DN32	16	19	240	790	---	---	VG98E2S1L
DN40	25		110	420	---	---	VG98E1S1L
DN50	40		40	240	---	---	VG98F1S1L
DN65	63	25	---	120	620	470	VG98G1S1L
DN80	100		---	---	400	300	VG98H1S1L
DN100	160		---	---	240	180	VG98J1S1L

Ordering of factory mounted valves and electric actuators

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