

VGL3*SM* 3-WAY GLOBE VALVES MODUL.ELECTR. ACTUATORS - 200°C

3-way globe valve, Flanged ISO, complete with modulating electric actuators, suitable for steam and superheated water in the range +5... + 200°C.

Flow characteristic: Control path A – AB: linear (VDI/VDE 2173),
Bypass B – AB: linear (VDI/VDE 2173)

Leakage rate: Control path A - AB: max. 0.05% of the kvs value,
Bypass B - AB: max. 1% of the kvs value

Body valve models:

VGL3G* PN25 Housing GGG40, closing element, seat and stem stainless steel, stem seal PTFE V-ring. Pipe connectors: flange according to ISO 7005-2 PN 25. Fluid temperature: 120°C up to 2500 kPa - 200°C up to 2300 kPa

VGL3A* PN40 Housing cast steel 1.0619N, closing element, seat and stem stainless steel, stem seal PTFE V-ring. Pipe connectors: flange according to ISO 7005-2 PN 40. Fluid temperature: 120°C up to 4000 kPa - 200°C up to 3200 kPa



PN25			Modulating electric actuators				
DN	Kvs m3/h	Body valve code	SMMLV24A ΔPs(dPmax) kPa	SMMNV24A ΔPs(dPmax) kPa	SMMSV24A ΔPs(dPmax) kPa	SMMEV24A ΔPs(dPmax) kPa	SMMRV24A ΔPs(dPmax) kPa
DN15	4	VGL3G715X	800 (800)	2200 (1000)	2500 (1000)		
DN20	6.3	VGL3G720X	600 (600)	1500 (1000)	2500 (1000)		
DN25	10	VGL3G725X	450 (450)	1300 (1000)	2100 (1000)		
DN32	16	VGL3G732X	300 (300)	900 (900)	1500 (1000)		
DN40	25	VGL3G740X	140 (140)	500 (500)	850 (850)		
DN50	40	VGL3G750X	60 (60)	300 (300)	500 (500)		
DN65	63	VGL3G765X				550 (550)	1100 (1000)
DN80	100	VGL3G780X				350 (350)	700 (700)
DN100	160	VGL3G7100X				200 (200)	450 (450)

PN 40			Modulating electric actuators				
DN	Kvs m3/h	Body valve code	SMMLV24A ΔPs(dPmax) kPa	SMMNV24A ΔPs(dPmax) kPa	SMMSV24A ΔPs(dPmax) kPa	SMMEV24A ΔPs(dPmax) kPa	SMMRV24A ΔPs(dPmax) kPa
DN15	4	VGL3A715Y		2200 (1000)	2500 (1000)		
DN20	6.3	VGL3A720Y		1500 (1000)	2500 (1000)		
DN25	10	VGL3A725Y		1300 (1000)	2100 (1000)		
DN32	16	VGL3A732Y		900 (900)	1500 (1000)		
DN40	25	VGL3A740Y		500 (500)	850 (850)		
DN50	40	VGL3A750Y		300 (300)	500 (500)		
DN65	63	VGL3A765Y				550 (550)	1100 (1000)
DN80	100	VGL3A780Y				350 (350)	700 (700)
DN100	160	VGL3A7100Y				200 (200)	450 (450)



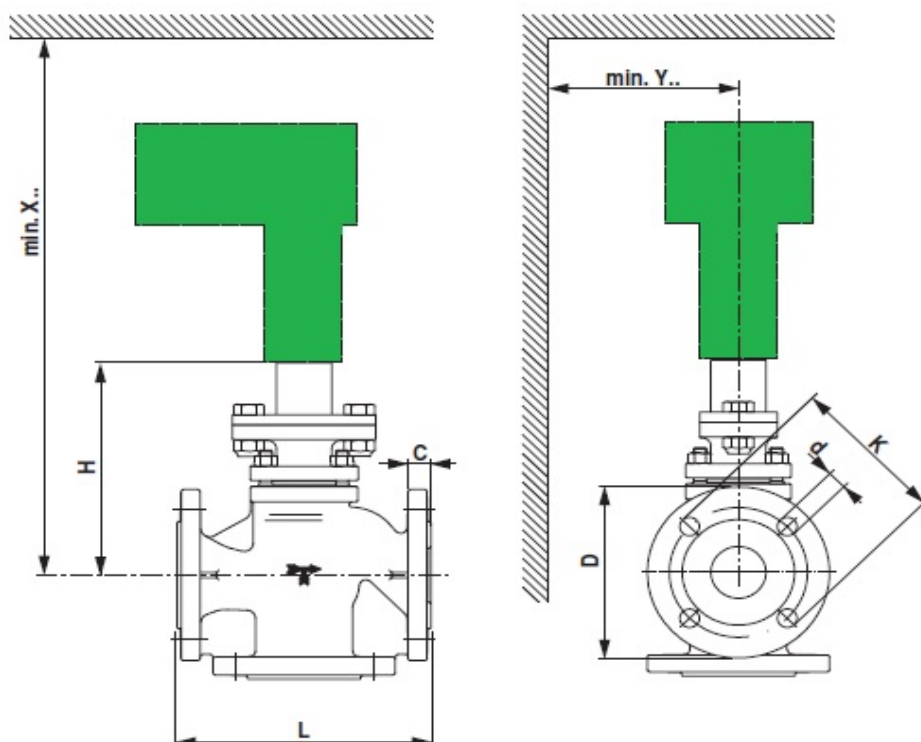
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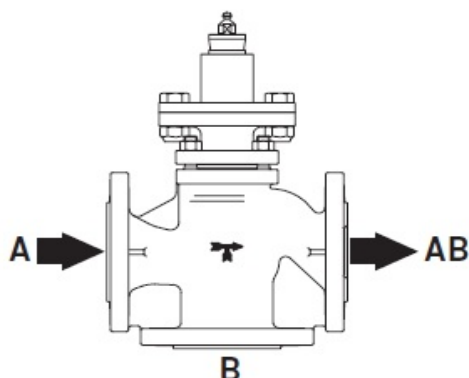
Mail: info@satema.it <http://www.satema.it>

VGL3*SM* DIMENSIONS



3-way flanged valves dimensions - PN25 and PN40

DN mm.	dimensions mm.							Body approx weight
	L	H	D	K	d	C	X - Y	Kg
15	130	172	95	65	4x14	16	400 - 100	6.7
20	150	172	105	75	4x14	18	400 - 100	7.8
25	160	176	115	85	4x14	18	410 - 100	8.8
32	180	202	140	100	4x18	18	430 - 100	11.7
40	200	207	150	110	4x18	18	440 - 100	15.3
50	230	205	165	125	4x18	20	440 - 100	17.4
65	290	230	185	145	8x18	22	560 - 150	25
80	310	246	200	160	8x18	24	580 - 150	34
100	350	265	235	190	8x22	24	600 - 150	52



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MODULATING ELECTRIC ACTUATORS - TECHNICAL SPECIFICATIONS

Actuators	SMLLV24A	SMMNV24A	SMMSV24A	SMMEV24A	SMMRV24A
Power supply	24 V ac/dc				
Control Modulating	2/10 Vdc (4-20 mA)				
Nominal stroke mm	15	20	20	40	40
Actuating force motor	500 N	1000 N	1500 N	2500 N	4500 N
Actuating time	150	150	150	150	150
Protection class	IP 54	IP 54	IP 54	IP 54	IP 54
Power consumption	5,5W-10VA	3W-5VA	3W-5VA	3W-5VA	6W-10VA
Weight Kg.	1,8	1,5	1,5	1,5	2,9

OPTIONS

Actuating time 35 sec

X	X	X	X	-
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On request: Emergency setting position function

Datasheet 12_047en



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