

VGL2*SM* 2-WAY GLOBE VALVES MODULATING ELECTRIC ACTUATOR 150°C

2-way globe valves, GG25 cast iron body, flanged ISO PN16, complete of modulating electric actuators, suitable for steam and heatwater range 5...150°C.

Flow characteristic: equal percentage (VDI/VDE 2173) $n(g) = 3$, optimised in the opening range

Leakage rate: max. 0.05% of the kvs value

Body valve model:

VGL2S* PN16 GG25 cast iron housing, stainless steel closing element and stem, GG25 cast iron seat, PTFE V-ring stem seal. Flanged ISO 7005-2 PN 16.
Fluid temperature: 120°C up to 1600 kPa - 150°C up to 1400 kPa



Applications

- impianti di riscaldamento e condizionamento
- regolazioni di processo

DESCRIZIONE

PN16			Modulating electric actuators				
DN	Kvs m3/h	Body Valve code	SMMLV24A ΔP_s (dPmax) kPa	SMMNV24A ΔP_s (dPmax) kPa	SMMSV24A ΔP_s (dPmax) kPa	SMMEV24A ΔP_s (dPmax) kPa	SMMRV24A ΔP_s (dPmax) kPa
DN15	0.4	VGL2S610	1600 (1000)	1600 (1000)	1600 (1000)		
DN15	0.63	VGL2S611					
DN15	1	VGL2S612					
DN15	1.6	VGL2S613					
DN15	2.5	VGL2S614					
DN15	4	VGL2S615					
DN20	4	VGL2S619	800 (800)	1600 (1000)	1600 (1000)		
DN20	6.3	VGL2S620	800 (800)	1600 (1000)	1600 (1000)		
DN25	6.3	VGL2S624	450 (450)	1300 (1000)	1600 (1000)		
DN25	10	VGL2S625	450 (450)	1300 (1000)	1600 (1000)		
DN32	16	VGL2S632	300 (300)	950 (950)	1550 (1000)		
DN40	25	VGL2S640	140 (140)	500 (500)	850 (850)		
DN50	40	VGL2S650	60 (60)	300 (300)	500 (500)		
DN65	58	VGL2S664		130 (130)	250 (250)		
DN65	63	VGL2S665		130 (130)	250 (250)	550 (550)	1100 (1000)
DN80	100	VGL2S680				350 (350)	700 (700)
DN100	145	VGL2S6100				200 (200)	450 (450)
DN125	220	VGL2S6125				110 (110)	250 (250)
DN150	320	VGL2S6150				70 (70)	180 (180)



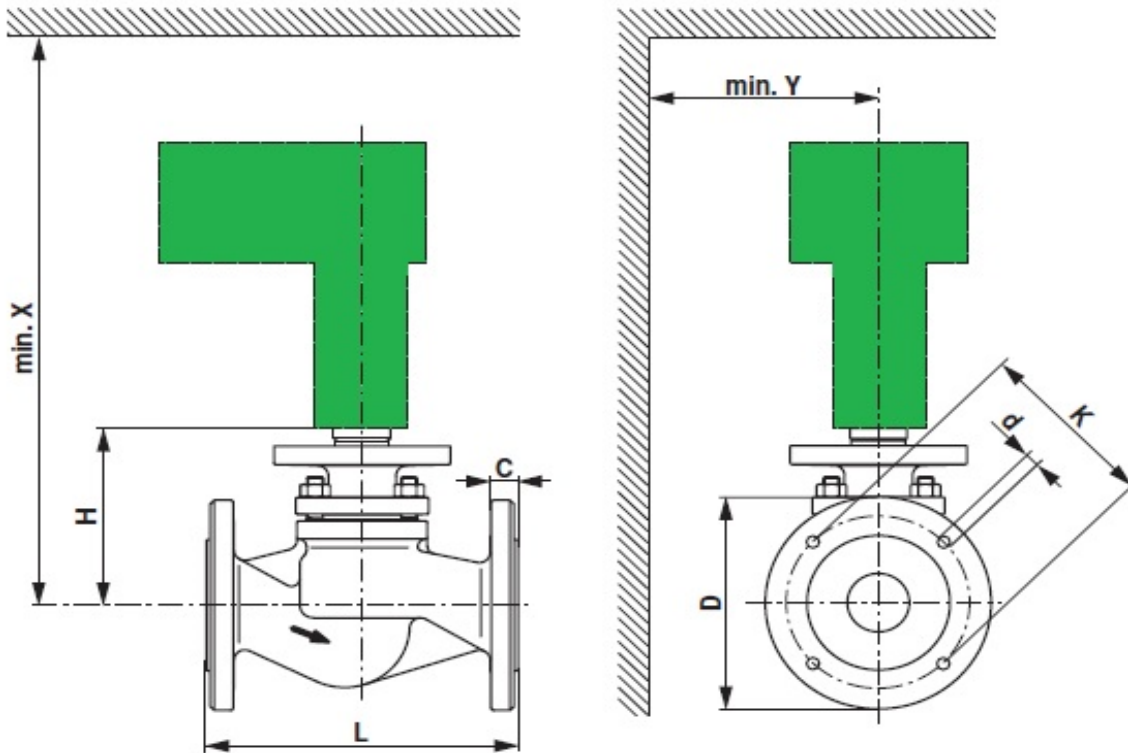
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DIMENSIONS



2-way valves dimensions - flanged DN 15...150								
DN mm.	dimensions mm.							Body valve approx weight
	L	H	D	K	d	C	X - Y	Kg
15	130	118	95	65	4x14	14	370 - 100	4.1
20	150	118	105	75	4x14	16	370 - 100	4.7
25	160	126	115	85	4x14	16	380 - 100	5.8
32	180	126	140	100	4x18	18	380 - 100	7.6
40	200	133	150	110	4x18	18	390 - 100	9.3
50	230	139	165	125	4x18	20	390 - 100	12
65 (kvs 58)	290	152	185	145	4x18	20	400 - 100	16.4
65	290	155	185	145	4x18	20	500 - 150	16.5
80	310	170	200	160	8x18	22	520 - 150	22
100	350	190	220	180	8x18	24	540 - 150	34
125	400	228	250	210	8x18	26	580 - 150	52
150	480	288	285	240	8x22	26	640 - 150	87

The actuator dimensions can be found on 12_047en data sheet



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MODULATING ELECTRIC ACTUATORS TECHNICAL SPECIFICATIONS

Actuators	SMMLV24A	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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