

Large stroke actuator for 2-way and 3-way large globe valves DN 200 / DN 250 $\!\!$

- Actuating force 12 kN
- Nominal voltage AC 24 V
- Control: modulating DC 0 ... 10 V



Type listing

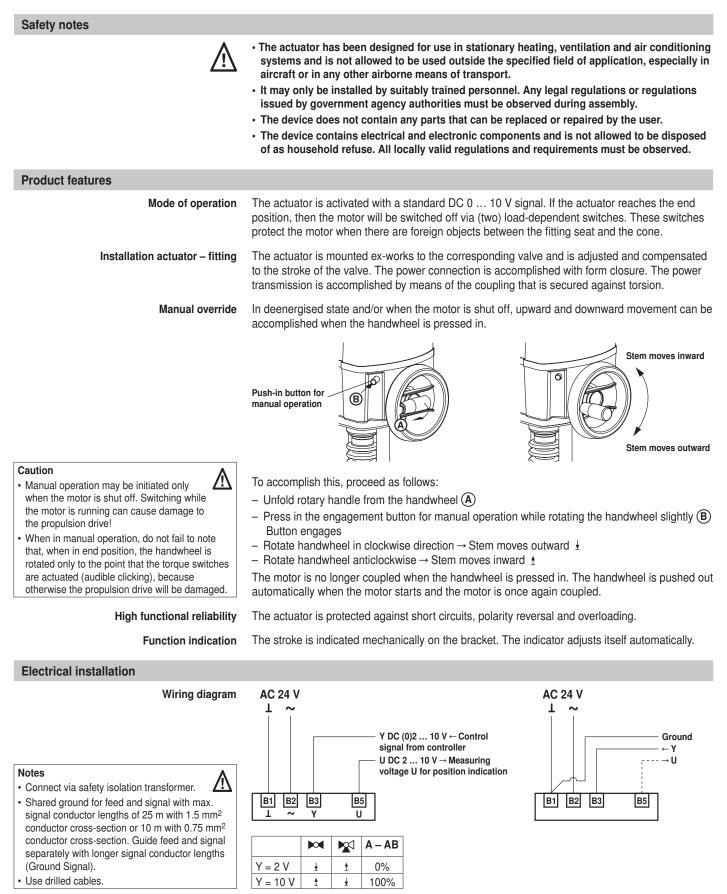
Туре	Suitable for Belimo large globe valve					
GV12-24-SR-T	H6WS7					
	H7WS7					

Technical data

Electrical data	Nominal voltage	AC 24 V, 50 Hz						
	Power supply range	AC 19.2 28.8 V						
	Power consumption Dimensioning	91 VA						
	Connection	Terminals, 1.5 mm ²						
Functional data	Actuating force Closing force	12 kN						
	Control Control signal Y	DC 0 10 V, input impedance 100 kΩ						
	Operating range	DC 2 10 V						
	Position feedback (measuring voltage U)	DC 2 10 V, max. 0.5 mA						
	Uni-rotation	±5%						
	Manual override	Handwheel, temporary						
	Nominal stroke	65 mm						
	Actuating time	0.79 mm/s						
	Position indication	mechanical (30)65 mm stroke						
	Operating mode	EN60034-1/A11 S3-50% ED 1200 c/h						
Safety	Protection class	III Safety extra-low voltage						
	Protection mode	IP65						
	EMC	CE according to 2004/108/EC						
	Mode of operation	Type 1 (EN 60730-1)						
	Rated impulse voltage	1.5 kV (EN 60730-1)						
	Control pollution degree	3 (EN 60730-1)						
	Ambient temperature	–20 +70 °C						
	Non-operating temperature	-40 +80 °C						
	Ambient humidity	95% r.h., non-condensating (EN 60730-1)						
	Maintenance	Maintenance-free						
Dimensions / Weight	Dimensions	See «Dimensions» on page 3						
	Weight	Approx. 10.5 kg						

Large stroke actuator for 2-way and 3-way valves, AC 24 V, 12 kN





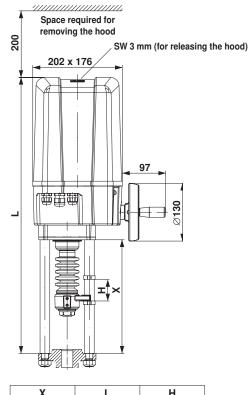
GV12-24-SR-T

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Dimensions [mm]

Dimensional drawing

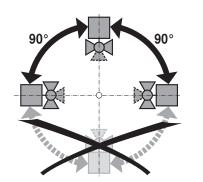


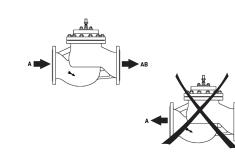
Х	L	н				
[mm]	[mm]	[mm]				
271	668	65				

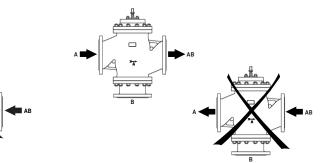
Further docur	 Complete overview «The complete product range for water solutions» Data sheets large globe valves Installation instructions for actuators and large globe valves, respectively Notes for project planning (hydraulic characteristic curves and circuits, installation regulations, commissioning, maintenance, etc.)
www.belimo.com	T6-GV12-24-SR-T • en • v1.0 • 10.2009 • Subject to changes



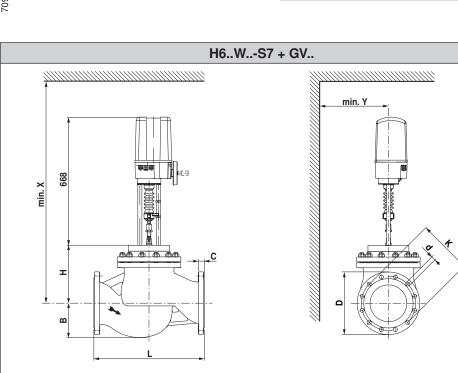
H6..W..-S7 H7..W..-S7

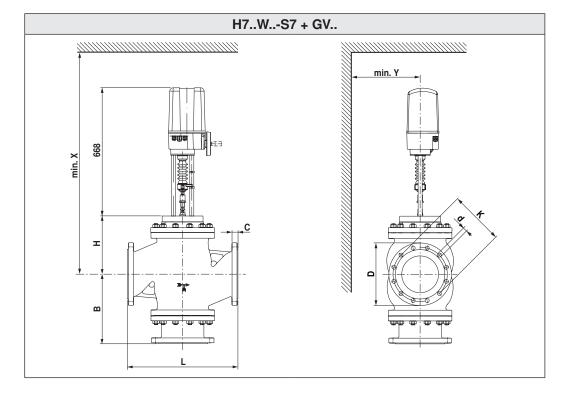






H6N, H7N																	
		H6WS7			H7WS7												
p _S < 1600 kPa (PN 16) t = +5°C +120°C																	
M	DN		В	W		В	W	Δps	Δp _{max}	L	D	K	d	С	Н	Х	Y
	[mm]		[mm]	[kg]		[mm]	[kg]	[kPa]	[kPa]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
GV	200	H6200W630-S7	187	156	H7200W630-S7	380	208	310	310	600	340	295	12 x 22	30	315	1210	200
Gv	250	H6250W1000-S7	255	239	H7250W1000-S7	440	354	190	190	730	405	355	12 x 26	32	375	1270	250





CE



GV12-24-SR-T GV12-230-3-T

