

UGVL Universal Globe Valve Linkage

For use with LV and SV series actuators



Technical Data

Service	chilled or hot water and steam
Applicable Valve Size	1/2" [13], 3/4" [19], 1" [25], 1-1/4" [32], 1-1/2" [38], 2" [50]
Stem	slotted, threaded
Frame, plate, base	aluminum, steel
Collar	aluminum, steel, (fits bonnets up to 1.7" dia.)
Stem Adaptor	aluminum
Stroke	0.75" [20mm]
Mounting Position	360°
Media Temp Range (water)	20°F to 250°F [-7°C to +120°C]
Media Temp Range (steam)	32°F to 388°F [0°C to 170°C]
Weight	1.9 lbs

Application

The UGVL retrofit kit is designed to easily attach LV and SV series actuators to select globe valves. Its unique adjustable design allows the UGVL to be mounted on 1/2" to 2" two-way or three-way valves in both normally open and normally closed configurations.

Default/Configuration

The default set up for a UGVL linkage will be factory installed along with a LV or SV series actuator. Included in the kit will be all the necessary hardware to facilitate mounting to the valve.

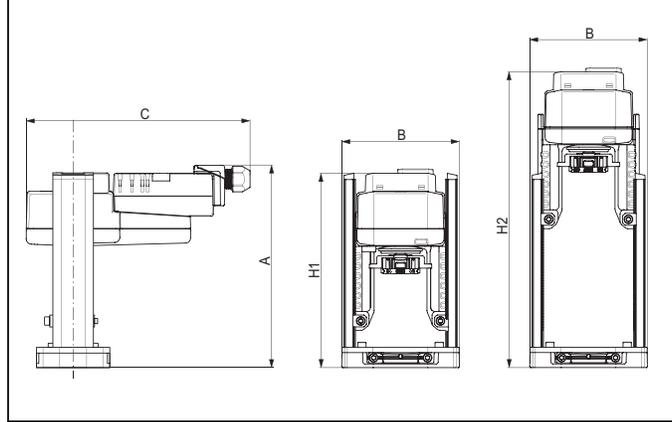
Operation

The UGVL linkage with actuator will provide 20 mm of linear travel to accommodate a wide range of valves.

Suitable Actuators

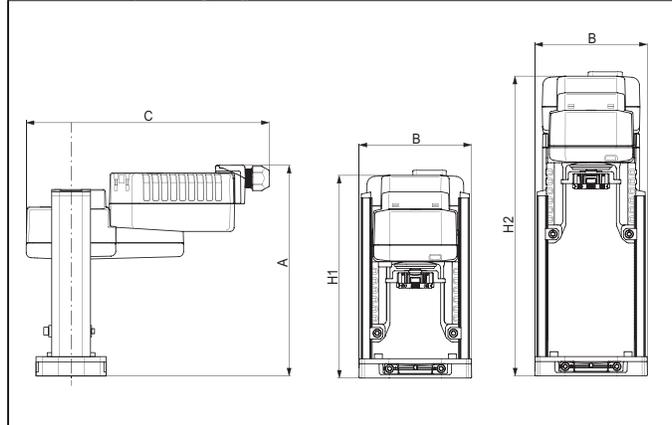
	Non-Spring	Electronic Fail-Safe
UGVL	LV,SV	LVK,SVK

Dimensions (Inches [mm]) with LV and SV series actuators



A	B	C	H1	H2
8" [203.2]	4.4" [113]	8.60" [218]	7.5" [190]	11.4" [290]

Dimensions (Inches [mm]) with LVK and SVK series actuators



A	B	C	H1	H2
8.5" [217]	4.4" [113]	9.6" [244]	8.4" [207]	12.1" [307]

Application Notes

For close-off pressure reference Select Pro or Retrofit Technical Documentation.

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WGVL Warren Globe Valve Linkage

For use with AVK and EV and RV series actuators



Technical Data

Service	chilled or hot water and steam
Applicable Valve Size	2" [50], 2-1/2" [65], 3" [80], 4" [100], 5" [125], 6" [150]
Stem	316 stainless steel
Frame, plate, base	aluminum, steel (fits Warren Type 20,22,23,30, and 32) (Belimo G6 & G7 series)
Collar	steel
Stem Adaptor	steel
Stroke	02" [50 mm]
Mounting Position	360°
Media Temp Range (water)	20°F to 250°F [-7°C to +120°C]
Media Temp Range (steam)	32°F to 388°F [0°C to 170°C]
Housing Material	Aluminum die cast and plastic casing
Weight	2.59 lbs

Application

The WGVL retrofit kit is designed to easily attach AVK, EV and RV series actuators to select Warren globe valves. Its casted base and lower lock nut allow the WGVL to be mounted on 2-1/2" to 6" two-way or three-way valves in both normally open and normally closed configurations.

Default/Configuration

The default set up for a WGVL linkage will be factory installed along with an AVK or EV, RV series actuator. Included in the kit will be all the necessary hardware to facilitate mounting to the Warren valve.

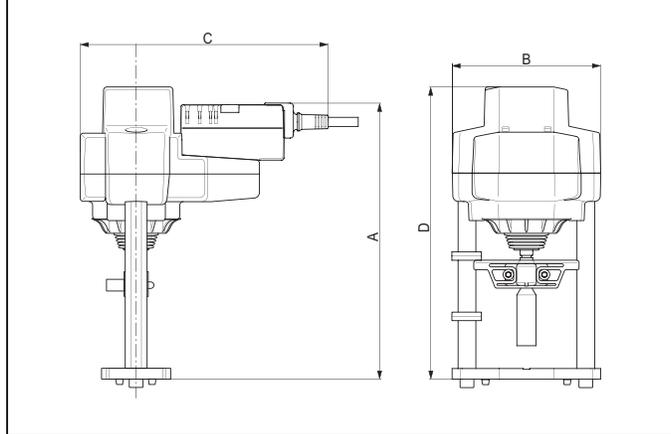
Operation

The WGVL linkage with actuator will provide 50 mm of linear travel to accommodate a wide range of valve sizes.

Suitable Actuators

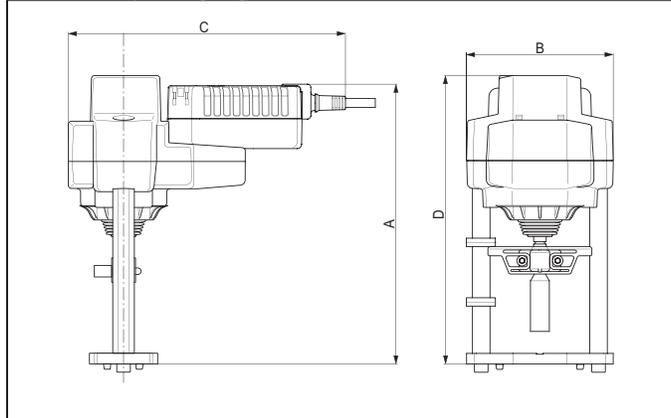
	Non-Spring	Electronic Fail-Safe
WGVL	EV,RV	AVK

Dimensions (Inches [mm]) with EV and RV series actuators



A	B	C	D
10.2" [259]	5.5" [140]	9.2" [233]	10.9" [276]

Dimensions (Inches [mm]) with AVK series actuators



A	B	C	D
10.4" [264]	5.5" [140]	10.3" [262]	10.9" [276]

Application Notes

For close-off pressure reference Select Pro or Retrofit Technical Documentation.

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SGVL Schneider Globe Valve Linkage

For use with LV and SV series actuators



Technical Data

Service	chilled or hot water and steam
Applicable Valve Size	1/2" [13], 3/4" [19], 1" [25], 1-1/4" [32], 1-1/2" [38], 2" [50]
Frame, plate, base	aluminum
Collar	aluminum (fits VB7 1/2" to 2"/VB9 1/2" to 1-1/4" valves)
Coupling	aluminum
Stem Adaptor	steel
Stroke	0.75" [20 mm]
Mounting Position	360°
Media Temp Range (water)	20°F to 250°F [-7°C to +120°C]
Media Temp Range (steam)	20°F to 250°F [-7°C to +120°C]
Housing Material	Aluminum die cast and plastic casing
Weight	0.5 lbs

*Will also fit post 1994 VB9 1-1/2" to 2" valves.

Application

The SGVL retrofit kit is designed to easily attach LV and SV series actuators to select Schneider globe valves. Its casted base and free spinning collar allow the SGVL to be mounted on 1/2" to 2" two-way or three-way valves in both normally open and normally closed configurations.

Default/Configuration

The default set up for a SGVL linkage will be factory installed along with a LV or SV series actuator. Included in the kit will be all the necessary hardware to facilitate mounting to the Schneider valve.

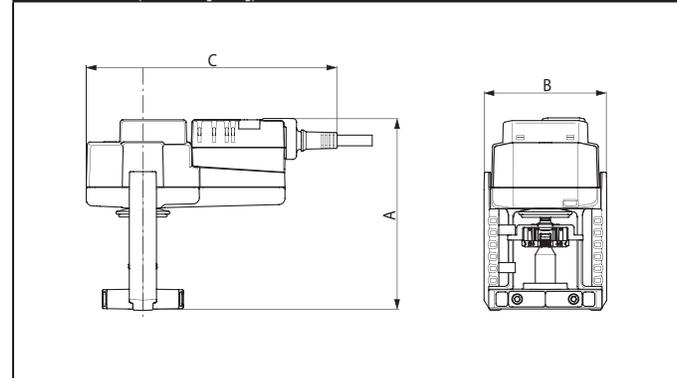
Operation

The SGVL linkage with actuator will provide 20 mm of linear travel to accommodate a wide range of valve sizes.

Suitable Actuators

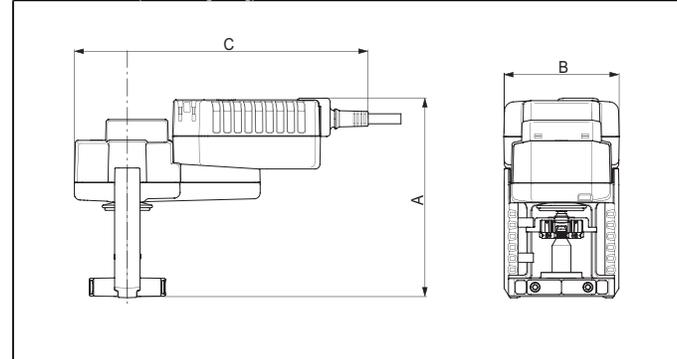
	Non-Spring	Electronic Fail-Safe
SGVL	LV,SV	LVK,SVK

Dimensions (Inches [mm]) with LV and SV series actuators



A	B	C
6" [152]	3.9" [98]	7.8" [199]

Dimensions (Inches [mm]) with LVK and SVK series actuators



A	B	C
6.7" [169]	3.9" [98]	8.2" [209]

Application Notes

For close-off pressure reference Select Pro or Retrofit Technical Documentation.

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FGVL Flanged Globe Valve Linkage

For use with AVK and EV and RV series actuators



Technical Data	
Service	chilled or hot water and steam
Applicable Valve Size	2-1/2" [64], 3" [80], 4" [101], 5" [127], 6" [152]
Stem	316 stainless steel
Frame, plate, base	aluminum, steel (fits competitor bonnets up to 2.3" dia.)
Collar	aluminum
Coupling	GF Nylon supplied
Housing Material	Aluminum die cast and plastic casing
Stem Adaptor	steel/Aluminum
Stroke	1.25" [32 mm] AVK, 2" [50 mm] EV/RV
Mounting Position	360°
Media Temperature Range (Water)	20°F to 250°F [-7°C to +120°C]
Media Temperature Range (Steam)	32°F to 338°F [0°C to 170°C]
Weight	5 lbs

For close-off pressure reference Select Pro or Retrofit Technical Documentation.

Application

The FGVL retrofit kit is designed to easily attach AVK, EV and RV series actuators to select Flanged globe valves requiring larger stem travels and higher forces. Its casted base and lower locking clamp allow the FGVL to be mounted on 2-1/2" to 6" two-way or three-way valves in both normally open and normally closed configurations.

Operation

The FGVL linkage with actuator will provide up to 2" [50 mm] of linear travel to accommodate a wide range of valve sizes.

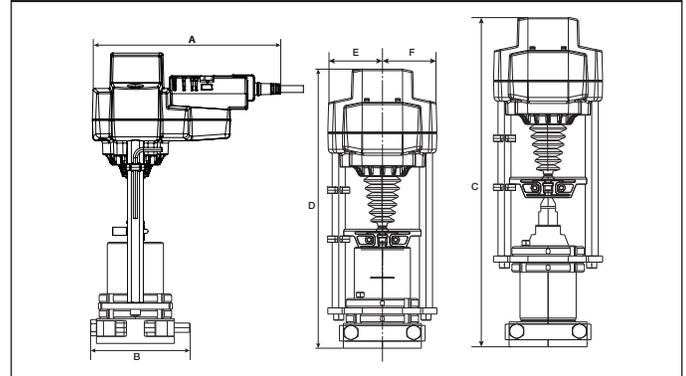
Default/Configuration

The default set up for a FGVL linkage will be factory installed along with an AVK or EV, RV series actuator. Included in the kit will be all the necessary hardware to facilitate mounting to the valve.

Suitable Actuators

	Non-Spring	Electronic Fail-Safe
FGVL	EVB(X), RVB(X)	AVKB(X)

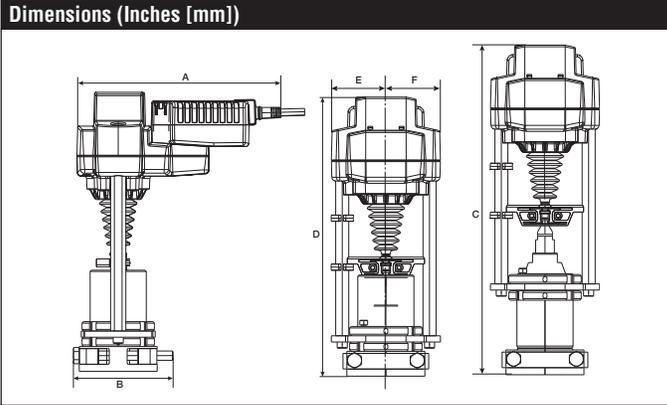
Dimensions (Inches [mm])



A	B	C	D	E	F
9.2" [234]	5.00" [127.0]	16.73" [425]	14.00" [356]	2.78" [71]	

Application Notes 1

For close-off pressure reference Select Pro or Retrofit Technical Documentation.



A	B	C	D	E	F
10.25" [260]	5.00" [127.0]	16.73" [425]	14.00" [356]	2.78" [71]	