CHALWYN

Compact Butterfly Valve

Model SVR-2XX

Overview

The Chalwyn SVR range is a compact butterfly design air intake shutoff valve available with electrical or mechanical actuation. Actuation of the SVR solenoid rapidly closes the valve's sealing element which shuts off intake air flow into the engine.

The SVR can be used in fully automatic or manual shutdown systems. When incorporating into an automatic overspeed shutdown system, this valve is compatible with Chalwyn CSX-300 range and Revguard speed switches.

We offer custom configurations to fit your specific applications. Our valves are tested to strict OEM standards for shock, corrosion, vibration and life cycle.

The SVR range is also available in 70 mm (2 3/4") and 77 mm (3"). Additionally, we offer custom configurations to fit your specific applications, plus a variety of different types of Chalwyn valves ranging in size from 25 mm (1") to 229 mm (9"). Larger sizes are available within our other brands.

Please contact our customer service department to discuss your requirements.

Trusted Industry Experts

We are the leading provider of air intake shutoff valves and systems with manufacturing facilities in England, Canada and the United States to serve our global markets. Our success is driven by our people and their commitment to exceed customer expectations. We will help you find the right protection system for your diesel engine application.



Features and Benefits

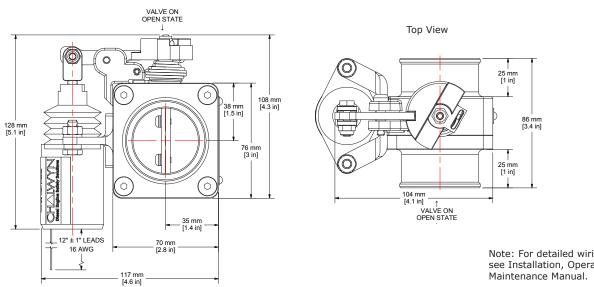
- Compatible for modern low emission diesel engines
- Lightweight, compact design
- Easy to install and maintain
- Can be mounted post-intercooler on turbocharged engines
- Corrosion resistant aluminium, stainless steel and brass construction
- Used in manual and automatic electric actuation systems (12 or 24 V)
- Available in 6 standard sizes (See How to Order on page 3)
- Custom applications possible on request

CHALWYN

Compact Butterfly Valve

Model SVR-2XX

Dimensions



Note: For detailed wiring diagrams, see Installation, Operation and Maintenance Manual.

Specifications

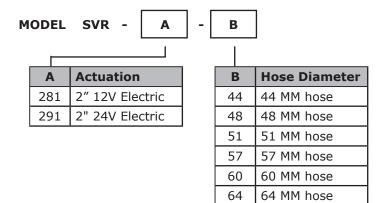
Standard materials	Valve body	Aluminium
	Sealing element	Brass disc
	Seals	Viton/Silicone
	Solenoid housing	Plated steel/Stainless steel/Aluminium
Net weights	Standard solenoid actuated	3 lbs (1.4 kg)
Intake air temp range	Standard valve	-40°C to 125°C (-40°F to 257°F)
Ambient air temp range	Standard valve	-40°C to 125°C (-40°F to 257°F)
Electric solenoid actuation	Nominal 12 VDC power requirement	48 amp pull in
	Cycle rate	4 activations per minute
	Nominal 24 VDC power requirement	25 amp pull in
	Cycle rate	6 activations per minute



Compact Butterfly Valve

Model SVR-2XX

How to Order



Accessories for Fully Automatic Systems

Part No.	Description	
1520-001	Revguard 2 Speed Switch	
AK2-E1-RM-CH	Activation Kit for 12V Valve	
AK2-E2-RM-CH	Activation Kit for 24V Valve	

Contact our sales offices below for more information or to find your local distributor, visit our website and select "Find Local Distributor".

Americas

AMOT - USA Tel +1 (281) 940 1800 Fax +1 (713) 559 9419 sales@amot.com

Roda Deaco - Canada Tel +1 (780) 465 4429 Fax +1 (780) 469 6275 info@rodadeaco.com

www.chalwyn.com

Asia Pacific

AMOT - China Tel +86 21 6279 7700 Fax +86 21 5237 8560 shanghai@amot.com

AMOT - Singapore Tel +65 6408 6265 Fax +65 6293 3307 singapore@amot.com

Europe, Middle East and Africa

Chalwyn - England Tel +44 (0) 1284 715739 Fax +44 (0) 1284 760256 sales@chalwyn.com

AMOT - Germany Tel +49 (0) 40 8537 1298 Fax +49 (0) 40 8537 1331 germany@amot.com