

SKB/SKC Valve Actuator

24 Vac, Floating Control

Spring Return or Non-Spring Return



Flowrite SKB/SKC Valve Actuator.

Description

Designed for use with Flowrite and other standard valves with 3/4-inch and 1-1/2-inch (20 mm and 40 mm) strokes, the Flowrite SKB/C Electronic Valve Actuator requires a 24 Vac supply to provide floating control of a valve.

Features

- Direct-coupled installation requires no special tools or adjustments
- Visual and electronic stroke indication
- Die-cast aluminum housing
- Manual override
- Spring return or non-spring return
- Maintenance-free
- 1000 lb. (4400 N) nominal force

Applications

The Flowrite SKB/SKC Electronic Valve Actuator with floating control is to be used with Flowrite and other standard valves with a 3/4-inch and 1-1/2-inch (20 mm and 40 mm) strokes in liquid and steam service applications.

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Valves

SKB/SKC Specifications

Operating Voltage	24 Vac ±20%
Frequency	50/60 Hz
Power Consumption	
SKB82.50U	13 VA (8W)
SKB82.51U	18 VA (11W)
SKC82.60U	19 VA (16W)
SKC82.61U	24 VA (18W)
Control Signal	Floating
Nominal Stroke	
SKB	3/4" (20 mm)
SKC	1-1/2" (40 mm)

SKB/SKC Product Ordering

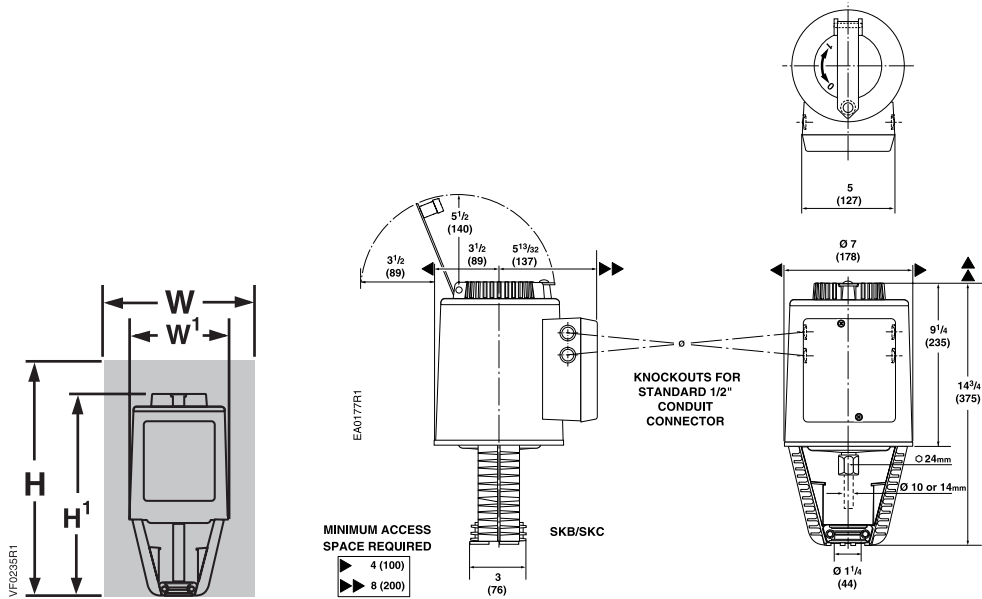
Stroke	Part No.	Actuator Prefix Code
Spring Return		
3/4" (20 mm)	SKB82.51U	289
1-1/2" (40 mm)	SKC82.61U	292
Non-Spring Return		
3/4" (20 mm)	SKB82.50U	290
1-1/2" (40 mm)	SKC82.60U	293

Run Time with Control	
Operation (full stroke)	120 sec. Pushing and Pulling
Spring Return Time (on power failure)	
SKB82.51U	10 sec.
SKC82.61U	18 sec.
Nominal Force	
NC and 3-way Upper	
Stroke	0%
Force	610 lbs. (2684 N)
NO and 3-way By Pass	
Stroke	100%
Force	1000 lbs. (4400 N)
Agency Approvals	UL873, CSA C22.2 No. 24-93
Enclosure	NEMA 1 (Interior Only)
Operating	
Ambient Temperature	5 to 130°F (-15 to 55°C)
Media Temperature	14 to 300°F (-10 to 150°C)
Mounting Location	NEMA 1 (Interior Only)

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Valves

Dimensions



Dimensions shown in inches (mm).

Height of Actuator H¹	Service Height H	Width/Diameter of Actuator W¹	Service Width W
14-3/4" (375 mm)	22-3/4" (578 mm)	7" (178 mm) Width x 8-15/16" (226 mm) Depth	25" (635 mm)

Table Note:
Service height and width are the recommended dimensions to allow access to the product.