

## 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)

**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)

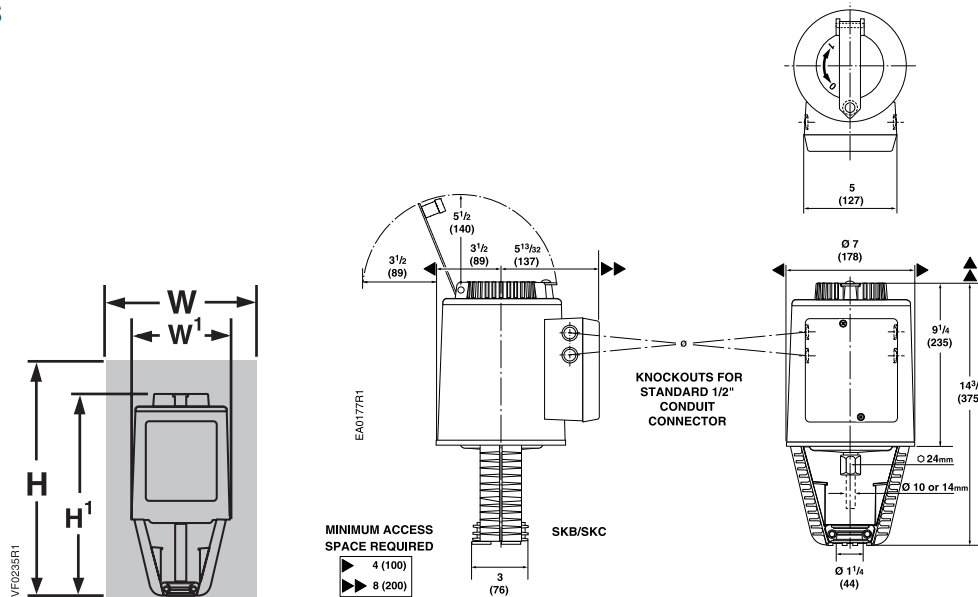
## SKB/SKC Product Ordering

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

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## Dimensions



Dimensions shown in inches (mm).

Height of Actuator H <sup>1</sup>	Service Height H	Width/Diameter of Actuator W <sup>1</sup>	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.