

Medium-Pressure Ball Valve Panel-Mount Instructions



Kit Contents

Panel Nut Kit



Panel nut

Cap Screw Kit



Cap screws (4)
1/4-20 x 3/8 in.

Kit	Panel Thickness in. (mm)
Cap screws	0.125 (3.2)
Panel nut	0.12 (3.0) to 0.50 (12.7)

Tools Required

Tool	Size	Component
<p>Hex adapter</p>	1/4 in.	Cap screws
<p>Hex key</p>	1/8 in.	Set screw
<p>Crow's foot</p>	7/16 in.	Panel nut
<p>Torque wrench</p>	Capable of 75 in·lb (8.5 N·m)	Cap screws
	Capable of 625 in·lb (70.6 N·m)	Panel nut

- Using steady pressure and standard hand tools, remove the **set screw**.
- Remove the **handle assembly**.
- Note the **stop disk** and **stem** position.
- Remove the **stop disk**.
- Drill the **mounting holes** in the **panel**. See Fig. 2.
- Position the **valve stem** through the **panel**. Align the **mounting holes** in the panel with those on the **valve body**.
- Install the four **cap screws** in the valve body mounting holes or install the **panel nut**.
- Tighten the **cap screws** to 75 in.-lb (8.5 N-m), the **panel nut** to 625 in.-lb (70.6 N-m).
- Reinstall the **stop disk** and check the stem position.
- Reinstall the **handle assembly**.
- Reinstall and tighten the **set screw** to 35 in.-lb (4.0 N-m).

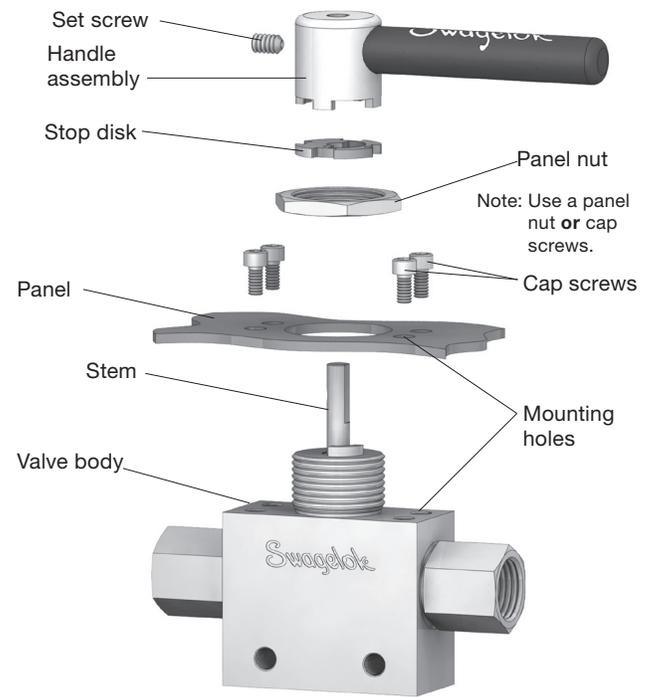
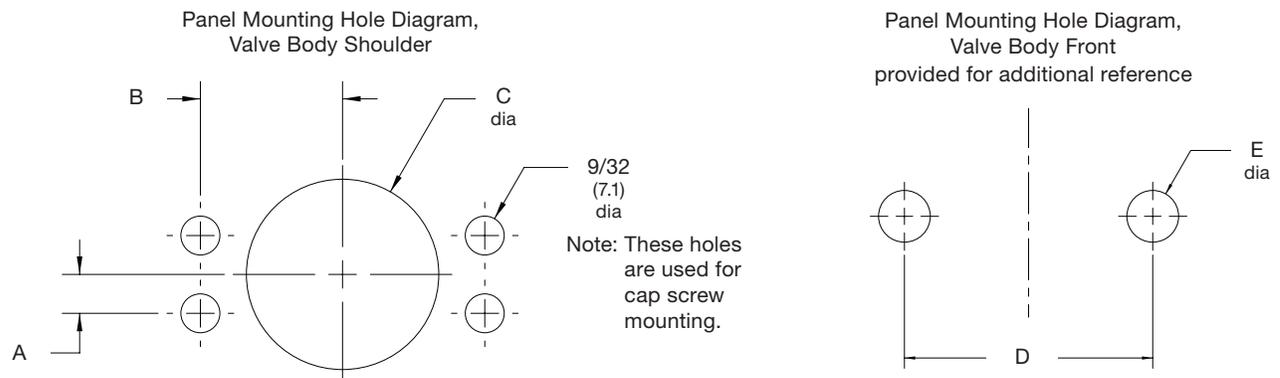


Fig. 1



Series	Dimensions, inches (mm)	
	6FKB	8FKB and 12FKB
A	0.28 (7.1)	0.38 (9.7)
B	1.02 (25.9)	1.55 (39.4)
C	1.25 (31.8)	1.56 (39.6)

Series	Dimensions, inches (mm)		
	6FKB	8FKB	12FKB
D	1.50 (38.1)	2.00 (50.8)	2.88 (73.2)
E	5/16 (7.9)	5/16 (7.9)	1/2 (12.7)

Dimensions, in inches (millimeters), are for reference only and are subject to change. The diagrams are not to scale.

Fig. 2