Butterfly Valve Retrofit Form

V.S.I.

1155 Alpha Drive, Suite A
Alpharetta, GA 30004
Phone: 770-740-0800
Fax: 770-740-8777

Quote #: _____
Prepared by: _____
Date: _____

Company: _____
Contact: _____
Location: _____
Project: _____
Phone #: _____
Fax #: _____

This sheet is used to fabricate a custom mounting bracket with a new actuator (described in Step 4) for field mounting to an existing valve. Provide as much valve information as possible. No return credit is accepted on retrofit brackets. Often the most cost effective solution on a retrofit job that has very old butterfly valves is to replace the valves.

Step 1.
Valve Information

Valve Pipe Size _____

Manufacturer _____

Model/Part # _____

☐ 2-Way ☐ 3-Way

Torque Required _____
(if known)

Max. Close-off _____

Quantity _____

Step 2.
Bonnet Information (refer to Diagram 1)

Bonnet Type

☐ 1 ☐ 2 ☐ 3

Dimensions (closest 0.001")

A= _____ B= _____ C= _____

Bolt Holes

☐ Drilled ☐ Drilled & Tapped

Hole Size and/or Threads/Inch

_____

Other _____
(include drawing)

Step 3.
Shaft Information (refer to Diagram 2)

Shaft Type

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5

Dimensions (closest 0.001")

D = _____
E = _____
F = _____
G = _____
H = _____
Other = _____
(include drawing)

Step 4.
Actuator Requirements

☐ Electric ☐ Pneumatic

☐ 2-Position ☐ Modulating

☐ Spring Return (failsafe) ☐ N.C.
☐ Non-Spring Return ☐ N.O.

Power (electric or pneumatic)

☐ 120 VAC ☐ 20 psig
☐ 24 VAC ☐ 80 psig
☐ Other _____

Control Signal

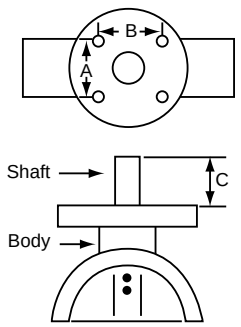
☐ 4-20 mA ☐ 3-15 psig
☐ 2-10 VDC ☐ Other _____
☐ Floating

NEMA 4 Enclosure Required

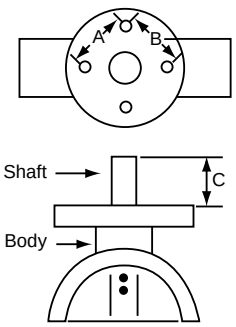
☐ Yes ☐ No

Diagram 1. Bonnet Type

Bonnet Type 1



Bonnet Type 2



Bonnet Type 3

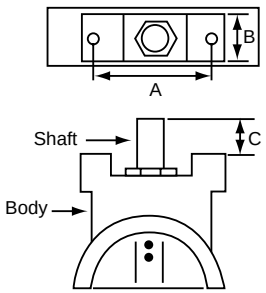
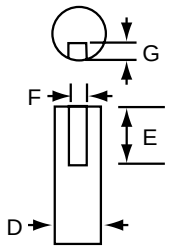


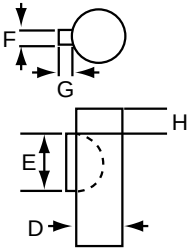
Diagram 2. Shaft Type

Shaft Type 1



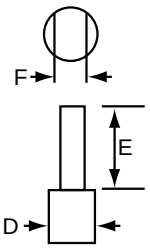
Keyway

Shaft Type 2



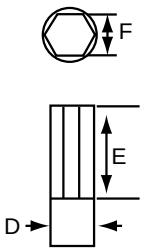
Woodruff Key

Shaft Type 3



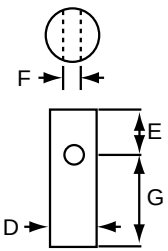
Double D

Shaft Type 4



Hex

Shaft Type 5



Pinned