

AGA93.6

Product Description

AGA93.6 is a bracket kit for mounting any VKG...-T butterfly valve to a 10260 series Honeywell Herculine actuator, excluding the 10263 and 10265 actuator models. This bracket kit is to be used with VKG crank arm kit AGA92.3 (sold separately).

Components Supplied

Figure 1 shows the components supplied with the AGA93.6 bracket kit:

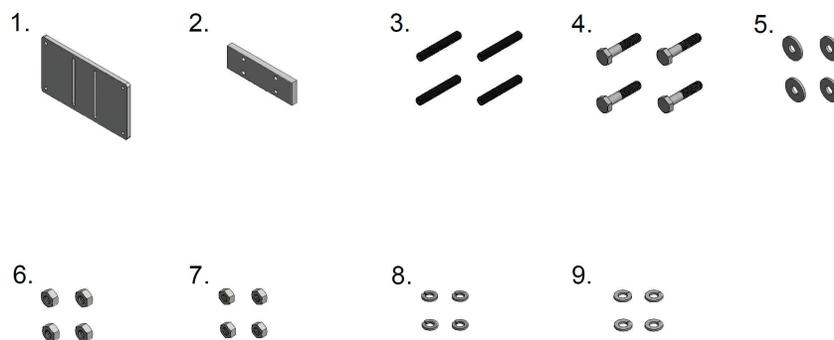


Figure 1: Pieces Supplied with the AGA93.6 Bracket Kit

- | | |
|---|--------------------------------|
| 1. Actuator mounting bracket | 6. (4) 1/4"-20 hex nuts |
| 2. Spacer bracket | 7. (4) M6 hex nuts |
| 3. (4) M6 x 40mm socket set screws | 8. (4) M6 split lock washers |
| 4. (4) 1/4"-20 x 1-1/4" hex head cap screws | 9. (4) 1/4" split lock washers |
| 5. (4) Oversized M6 flat washers | |

Recommended Installation Tools

The following tools are recommended for installing the AGA93.6 bracket kit:

- 3mm hex key
 - Blue Loctite
 - 7/16" and 10mm open end wrenches (or crescent wrench)
-

Installation Procedure

1. Ensure that the VKG...-T butterfly valve is mounted on the gas train such that the valve shaft faces outward (horizontal), and the four M6 threaded holes in the side of the valve are facing up.
2. Apply blue Loctite to the threads of the (4) M6 x 40mm socket set screws. Thread the socket set screws into the (4) M6 threaded holes in the side of the VKG...-T butterfly valve until the socket set screws bottom out. If necessary, tighten the socket set screws with a 3mm hex key. Place the spacer bracket on top of the VKG...-T butterfly valve so that the M6 socket set screws go through the four holes in the spacer bracket as shown in Figure 2.



Figure 2: Placing the Spacer Bracket

3. Place the actuator mounting bracket on top of the spacer bracket so that the M6 socket set screws fit through the two slots in the actuator mounting bracket. The slots in the bracket allow the HercuLine actuator to be moved in or out relative to the butterfly valve. Move the bracket to the desired position to connect a linkage between the butterfly valve and the HercuLine actuator. Using a 10mm open end wrench (or crescent wrench), the (4) oversized M6 flat washers, the (4) M6 split lock washers, and the (4) M6 hex nuts, tighten the actuator mounting bracket to the spacer bracket as shown in Figure 3. This bracket can always be adjusted later if necessary.

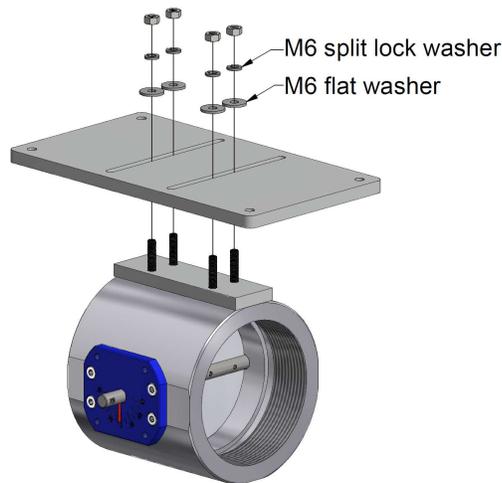


Figure 3: Actuator Mounting Bracket Installation

4. Place the HercuLine actuator on top of the actuator mounting bracket so that the four mounting holes on the actuator line up with the four holes in the mounting bracket. Using a 7/16" open end wrench (or crescent wrench), the (4) 1/4"-20 x 1-1/4" hex head cap screws, the (4) 1/4" split lock washers, and the (4) 1/4"-20 hex nuts, fasten the HercuLine actuator to the actuator mounting bracket as shown in Figure 4.

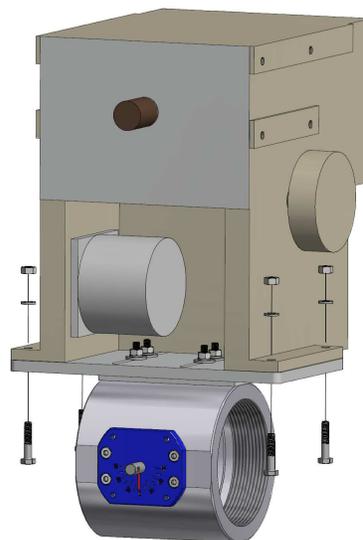


Figure 4: Actuator Installation

Information in this publication is based on current specifications. The company reserves the right to make changes in specifications and models as design improvements are introduced. Product or company names mentioned herein may be the trademarks of their respective owners. © 2017 SCC Inc.