Product Number Identification Legend

For actuator identification only. To select product numbers for ordering, see Table 1.

Figure 1. SQM5... Product Number Identification Legend. SQM5 Actuator family Torque in-lb @ 60 (50) Hz. 90 for 8 (10) sec. running time 0 140 for 12 (15), 25 (30), 37 (45) sec. 3 200 for 25 (30) sec. 6 310 for 37 (45) sec. 6 400 for 50 (60), 75 (90)sec. Running time for 90° Not all actuator running times are available in each torque. Refer to table 1 50 Hz. 60 Hz. 2 10 sec. 2 8 sec. 3 12 sec. 3 15 sec. 25 sec. 4 30 sec. 45 sec. 37 sec. 50 sec. 6 60 sec. 6 Number of SPDT switches 6 21 mit and 4 auxiliary switches Shaft selection no shaft (shaft must be ordered separately) 1 round 10 mm, single ended (for use with VKF41... butterfly valves) 4 square 3/8 inch, dual ended 7 round 14 mm, single ended Approvals R UL recognized, CSA certified Operating voltage (Vac @50-60 Hz) 1 110-120 Vac 2 220-240 Vac 8 24 Vac Internal circuit board (SQM5x.xxxxx G, H, K, Zx actuators require potentiometer ASZ...) A AGA56.1A97 (position proportional control) G AGA56.41A... (4 to 20 mA input) H AGA56.42A... (0 to 135 Ohm input) K AGA56.43A... (0 to 10 Vdc input) Z AGA56.9... (all inputs/outputs, linearization, split ranging, override and pre-set positioning) (1000 Ohm required when using SQM5x.xxxxx G, H, K, Zx actuators) Potentiometer 3 ASZ12.30 (1000 ohm, 90°) 4 ASZ12.33 (1000 Ohm, 135°) 7 ASZ22.30 (1000/1000 Ohm, 90°) 8 ASZ22.33 (1000/1000 Ohm, 135°) B ASZ16.703 (135 Ohm, 90°) C ASZ16.733 (135 Ohm, 135°) L ASZ66.733 (135/135 Ohm, 135°) (Product numbers ending without R are ccw) Rotational Direction

Installation and Operation Instructions

R Clockwise (when facing gear end. See Figure 6.)

SQM5... actuators are sometimes shipped without the shaft installed. To install the selected shaft:

Loosen the two screws on the actuator cover corners. See Figure 2.