# SCC Inc.

# **Technical Instructions**

Document No. CPBK-8000

July 27, 2018

# **CA Series**

## **Crank Arms**







## **Description**

CA... series crank arms mount to a Siemens SQM33..., SQM4..., SQM5... actuator or a VKG... butterfly valve.

### **Features**

- Reliable mechanical linkage for SQM33..., SQM4..., or SQM5...
  actuators and VKG... butterfly valves
- Eight mounting positions for simple linkage configurations
- Easy installation requiring no special tools

### **Product Part Numbers**

Use Table 1 to combine an arm and a hub to select a crank arm assembly part number.

**Table 1: Crank Arms Kits** 

	3/8" Square Shaft Hub	10mm Round Shaft Hub	10mm D Shaft Hub	14mm Keyed Shaft Hub
	(Actuator)	(VKG Valve)	(Actuator)	(Actuator)
Thick with Holes	CA-E06S-1	CA-M10R-1	CA-M10D-1	CA-M14K-1
Thin with Holes	CA-E06S-2	CA-M10R-2	CA-M10D-2	N/A
Thin with Slot	CA-E06S-3	CA-M10R-3	CA-M10D-3	N/A

### **Accessories**

#### CA-AC-RE0.25



A rod end is available for use with any crank arm utilizing the thin arm with holes or the thin arm with slot. The rod end has a %''-20 stud and comes with the corresponding nut and lock washer for fastening the rod end to the arm. The rod end has a 0.328" hole for use with a 1/4" or 5/16" connecting rod. A set screw is provided to connect the rod end to the connecting rod.

## **Specifications**

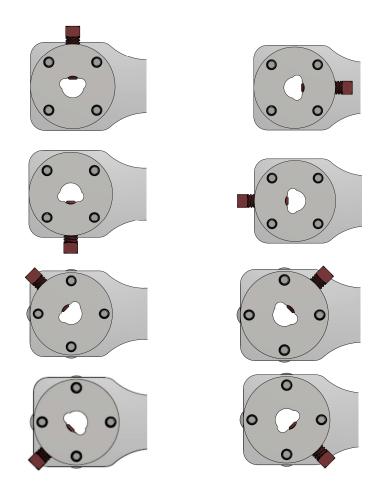
**Physical characteristics** Fasteners Alloy Steel

Hubs Zinc-Plated Steel Arms Zinc-Plated Steel

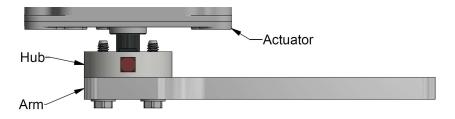
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### Installation

- Clamp screws and set screws must be secured appropriately.
  Socket head clamp screws should be tightened to a torque of 70 in-lbs using a 5/32" hex key. Square head set screws should be tightened to a torque of 180 in-lbs.
- Each arm has eight mounting holes, allowing the hub to be mounted in eight different positions relative to the arm.



• Install the crank arm on the actuator with the hub end over the shaft as pictured below.

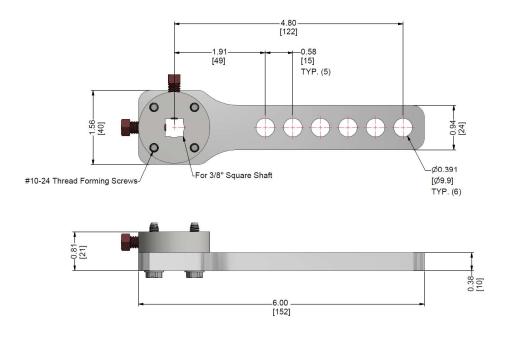


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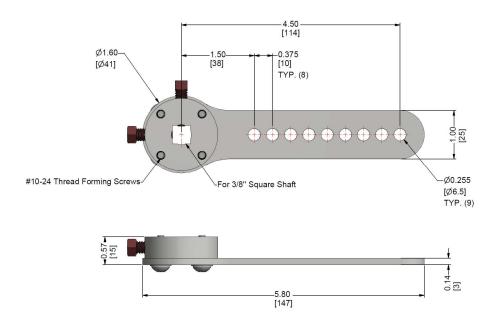
### **Dimensions**

Dimensions in inches; millimeters in brackets

### CA-E06S-1

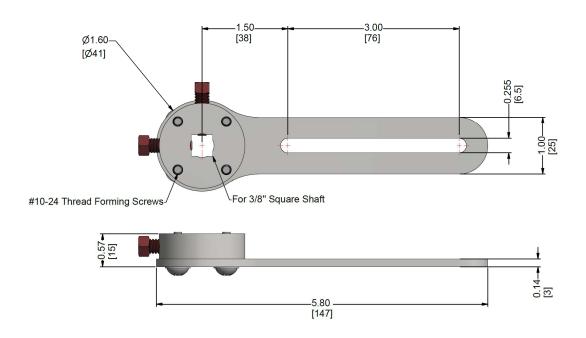


### **CA-E06S-2**

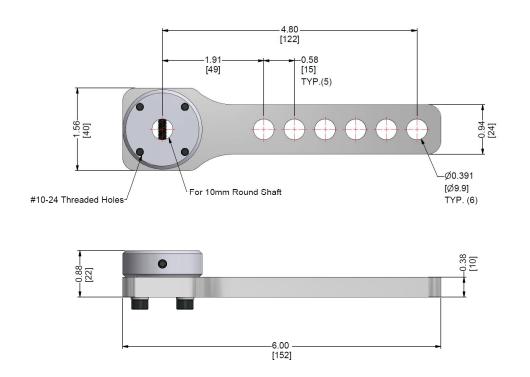


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### **CA-E06S-3**

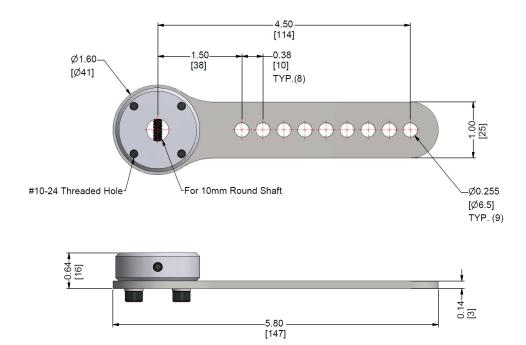


### CA-M10R-1

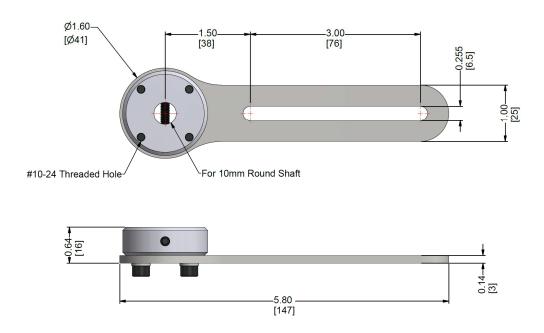


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### CA-M10R-2

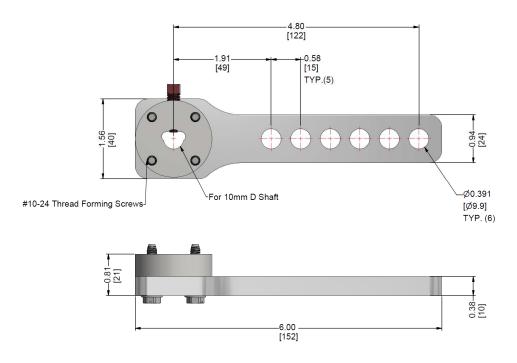


### CA-M10R-3

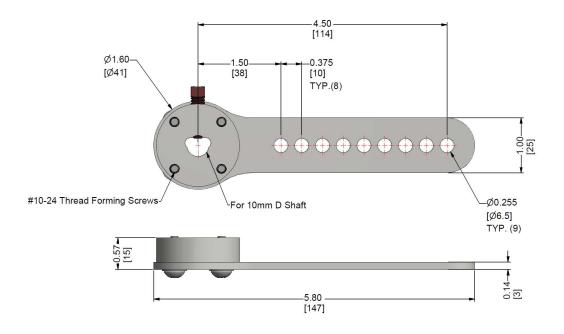


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### CA-M10D-1

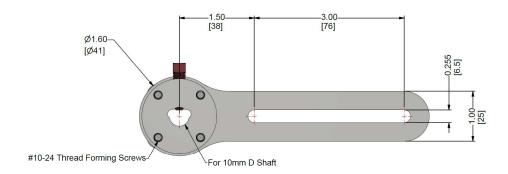


### CA-M10D-2



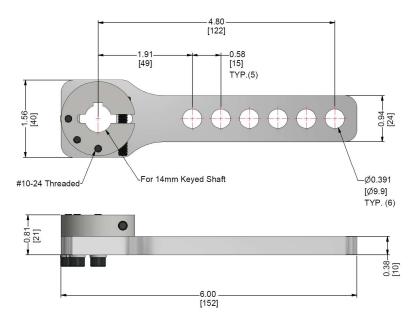
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#### CA-M10D-3





#### CA-M14K-1



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