

A.Y. McDonald offers a full line of control boxes to be used with our single-phase three-wire pump/motor assemblies.

## SC04

### Cap Start

- 115V | 1 Phase | 1/2 HP
- 230V | 1 Phase | 1/2 HP - 1 HP

### Cap Start Cap Run

- 230V | 1 Phase | 1 1/2 HP - 5 HP

### Cap Start Cap Run Deluxe

(Includes magnetic contactors)

- 230V | 1 Phase | 1 1/2 HP - 5 HP



## Deluxe Single-Phase Control Boxes

- For use with single-phase three-wire submersible motors 7 1/2 HP - 15 HP.
- Includes magnetic line contactor, capacitor start and capacitor run.



## SC06

### Cap Start Cap Run Deluxe

(Includes magnetic contactors)

- 230V | 1 Phase | 7 1/2 HP - 15 HP



### A.Y. McDonald Mfg. Co.

4800 Chavenelle Road | Dubuque, IA 52002  
563.583.7311 | 800.292.2737

sales@aymcdonald.com | aymcdonald.com

# A.Y. McDonald Submersible Motors



# A.Y. McDonald Submersible Motors

## 4" & 6" A.Y. McDonald Submersible Motors

A.Y. McDonald offers a full line of 4" asynchronous two-pole submersible motors ranging from 1/2 HP through 10 HP, and a full line of 6" ranging from 5 HP through 60 HP. Both of the 4" and the 6" motors have a canned typed stator housed in an air-tight stainless steel casing. Both the shell and flanges are constructed in 304L stainless steel. Cooling and lubrication of the Kingsbury type thrust bearing assembly is provided by a mixture of water and glycol. The temperature rating on all A.Y. McDonald 4" and 6" motors is 95°F.



### SM04

4" Submersible Motor

**Two Wire**

- 115V | 1 Phase | 1/2 HP
- 230V | 1 Phase | 1/2 HP - 1 1/2 HP

**Three Wire**

- 115V | 1 Phase | 1/2 HP
- 230V | 1 Phase | 1/2 HP - 5 HP
- 230V | 3 Phase | 1/2 HP - 7 1/2 HP
- 460V | 3 Phase | 1/2 HP - 10 HP
- 575V | 3 Phase | 1 1/2 HP - 10 HP



### SM06

6" Submersible Motor

**Three Wire**

- 230V | 1 Phase | 7 1/2 HP - 15 HP
- 230V | 3 Phase | 5 HP - 30 HP
- 460V | 3 Phase | 5 HP - 60 HP
- 575V | 3 Phase | 5 HP - 60 HP

## 7", 8" & 10" A.Y. McDonald Submersible Motors

A.Y. McDonald offers 7", 8" and 10" asynchronous two-pole submersible motors. The 7" motor ranges from 30 HP through 75 HP, 8" motor ranges from 40 HP through 150 HP and our 10" motors range from 125 HP through 250 HP. Cooling and lubrication of the Kingsbury type thrust bearings is provided by a mixture of water and glycol. The A.Y. McDonald 7", 8" and 10" motors have a temperature rating of 85°F. These motors have a rewindable type stator and it is enclosed in an airtight 304 stainless steel housing.



### SM07

7" Submersible Motor

**Three Wire**

- 460V | 3 Phase | 30 HP - 75 HP

### SM08

8" Submersible Motor

**Three Wire**

- 460V | 3 Phase | 40 HP - 150 HP

### SM10

10" Submersible Motor

**Three Wire**

- 460V | 3 Phase | 125 HP - 250 HP

