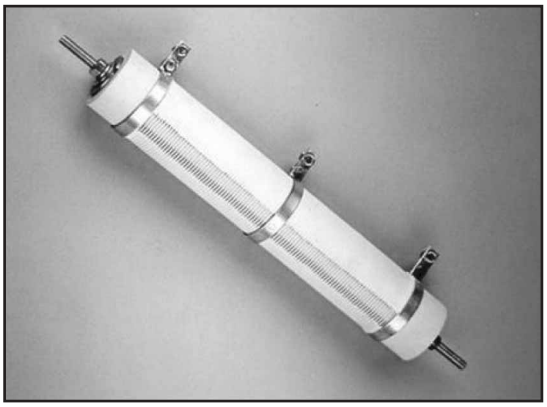
# Smoothwound Resistors

## • DESCRIPTION

Post Glover Smoothwound Resistors are designed and built to meet the most demanding mechanical and electrical requirements in the industry. They are constructed of a ni-chrome or stainless steel wire alloy wound on a porcelain tube.The element is then covered with a refractory cement coating either with or without a silica sand additive. The coating aids in dissipating heat, elevating the permissible watt rating.

## • FEATURES

Post Glover Smoothwound resistors are available in through-bolt or flat bar mounting arrangements. This makes Post Glover Smoothwound Resistors directly interchangeable with most major brands. Individual coils can be manufactured with either fixed or adjustable taps.



## • APPLICATION

Our Smoothwound Resistor is the best you can buy for applications where high resistance and low currents are the main criteria. This resistor is especially well suited for use in;

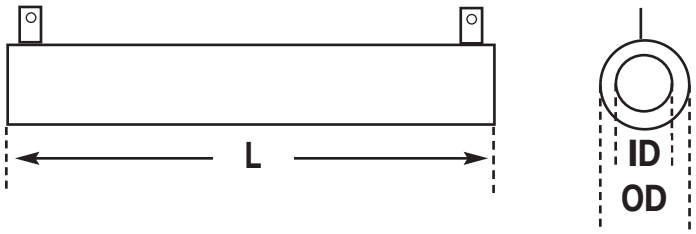
- Dynamic braking with low duty cycle or small motors,
- Low voltage neutral grounding,
- Elevator controls.

**PART NUMBER:** **CSW___-____**

**SIZE =** 2 through 6

**OHM VALUE =** Specified to no more than one decimal place

| TYPICAL RANGE * | | | DIMENSIONS IN INCHES | | |
|---|---|---|---|---|---|
| **SIZE** | **AMPERAGE** | **RESISTANCE** | **L** | **OD** | **ID** |
| 2 | 1–20 A | 0.5 - 225 Ω | 6 | 2 | 1 1/4 |
| 3 | 1–20 A | 1 - 450 Ω | 9 | 2 | 1 1/4 |
| 4 | 1–20 A | 1.25 - 550 Ω | 12 | 2 | 1 1/4 |
| 5 | 1–20 A | 1.5 - 850 Ω | 15 | 2 | 1 1/4 |
| 6 | 1–20 A | 2 - 1000 Ω | 18 | 2 | 1 1/4 |




* These are typical ratings only. Other ratings are possible for special case, including using a 1.5" diameter core. Please contact the factory for additional assistance.

Post Glover
"The Resistor Specialists"

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