

# Accessories - Capacitors

## PLASTIC CAPACITORS

| Part Number  | Size (mfd) | Temp. Range (°C) | Max. Dim in. (mm) |             |             |
|--------------|------------|------------------|-------------------|-------------|-------------|
|              |            |                  | a                 | b           | d           |
| 02100-4-7320 | 1          | -25 to +85       | 1.1<br>(28)       | 2.2<br>(55) | 0.5<br>(12) |
| 99282-4-7320 | 1.5        | -25 to +85       | 1.1<br>(28)       | 2.2<br>(55) | 0.5<br>(12) |
| 99283-4-7320 | 2          | -25 to +85       | 1.1<br>(28)       | 2.2<br>(55) | 0.5<br>(12) |
| 02103-4-7320 | 2.5        | -25 to +85       | 1.1<br>(28)       | 2.2<br>(55) | 0.5<br>(12) |
| 02102-4-7320 | 3          | -25 to +85       | 1.1<br>(28)       | 2.2<br>(55) | 0.5<br>(12) |
| 99284-4-7320 | 4          | -25 to +85       | 1.3<br>(32)       | 2.2<br>(55) | 0.5<br>(12) |
| 02101-4-7320 | 5          | -25 to +85       | 1.4<br>(36)       | 2.3<br>(58) | 0.5<br>(12) |
| 99285-4-7320 | 6          | -25 to +85       | 1.4<br>(36)       | 2.8<br>(70) | 0.5<br>(12) |
| 99286-4-7320 | 8          | -25 to +85       | 1.6<br>(40)       | 2.6<br>(67) | 0.5<br>(12) |
| 99287-4-7320 | 10         | -25 to +85       | 1.6<br>(40)       | 2.8<br>(70) | 0.5<br>(12) |

(For larger sizes consult factory)

## METAL CAPACITORS with PLASTIC LID

| Part Number  | Size (mfd) | Temp. Range (°C) | Max. Dim in. (mm) |              |              |
|--------------|------------|------------------|-------------------|--------------|--------------|
|              |            |                  | a                 | b            | c            |
| 2151-4-7320  | 1          | -25 to +85       | 1.0<br>(25)       | 3.0<br>(77)  | 3.6<br>(92)  |
| 2155-4-7320  | 1.5        | -25 to +85       | 1.0<br>(25)       | 3.0<br>(77)  | 3.6<br>(92)  |
| 2156-4-7320  | 2          | -25 to +85       | 1.0<br>(25)       | 3.0<br>(77)  | 3.6<br>(92)  |
| 2159-4-7320  | 2.5        | -25 to +85       | 1.2<br>(30)       | 2.8<br>(71)  | 3.6<br>(92)  |
| 2160-4-7320  | 3          | -25 to +85       | 1.2<br>(30)       | 2.8<br>(71)  | 3.6<br>(92)  |
| 2161-4-7320  | 4          | -25 to +85       | 1.2<br>(30)       | 4.1<br>(104) | 5.3<br>(135) |
| 2162-4-7320  | 5          | -25 to +85       | 1.4<br>(35)       | 4.1<br>(104) | 4.4<br>(113) |
| 2163-4-7320  | 6          | -25 to +85       | 1.4<br>(35)       | 4.0<br>(101) | 4.3<br>(110) |
| 2164-4-7320  | 7          | -25 to +85       | 1.6<br>(40)       | 4.0<br>(101) | 4.3<br>(110) |
| 2165-4-7320  | 8          | -25 to +85       | 1.4<br>(35)       | 4.0<br>(102) | 4.4<br>(111) |
| 2166-4-7320  | 10         | -25 to +85       | 1.4<br>(35)       | 3.8<br>(96)  | 4.3<br>(110) |
| 2167-4-7320  | 12         | -25 to +85       | 1.6<br>(40)       | 3.8<br>(96)  | 4.3<br>(110) |
| 90026-4-7320 | 14         | -25 to +85       | 1.6<br>(40)       | 5.1<br>(130) | 5.5<br>(139) |
| 2168-4-7320  | 16         | -25 to +75       | 1.8<br>(46)       | 3.8<br>(96)  | 5.1<br>(130) |
| 2169-4-7320  | 20         | -25 to +75       | 1.8<br>(46)       | 4.6<br>(116) | 5.1<br>(130) |
| 2170-4-7320  | 25         | -25 to +75       | 1.8<br>(46)       | 4.6<br>(116) | 5.1<br>(130) |

### HOW TO USE CAPACITORS FOR MULTI-SPEED BLOWERS

It is possible to make any ebm blower with a PSC motor a multi-speed blower by adding a second or third capacitor on the load line (blue) at or near the value of the motor run capacitor. Actual capacitor value and RPM achieved are dependent on the nature of each application.



Note: These capacitors may be supplied per the listing under "METAL CAPACITORS with METAL LID".



- **Overpressure disconnect:** The protector responds to overload by the generated overpressure expanding the housing and snapping off the internal lead at a predetermined breaking point

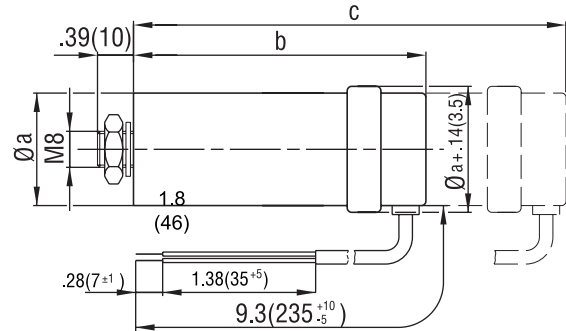
- **Installation:** "c" is the overall dimension after operation of overpressure disconnecter which has to be taken into account when mounting the part

# Accessories - Capacitors

## METAL CAPACITORS with METAL LID

| Part Number  | Size (mfd) | Temp. Range (°C) | Max. Dim. in (mm) |              |              |
|--------------|------------|------------------|-------------------|--------------|--------------|
|              |            |                  | a                 | b            | c            |
| 2151-4-7320  | 1          | -25 to +85       | 1.0<br>(25)       | 3.0<br>(77)  | 3.3<br>(85)  |
| 2155-4-7320  | 1.5        | -25 to +85       | 1.0<br>(25)       | 3.0<br>(77)  | 3.3<br>(85)  |
| 2156-4-7320  | 2          | -25 to +85       | 1.0<br>(25)       | 3.0<br>(77)  | 3.3<br>(85)  |
| 2159-4-7320  | 2.5        | -25 to +85       | 1.2<br>(30)       | 3.0<br>(77)  | 3.3<br>(85)  |
| 2160-4-7320  | 3          | -25 to +85       | 1.2<br>(30)       | 3.0<br>(77)  | 3.3<br>(85)  |
| 2161-4-7320  | 4          | -25 to +85       | 1.2<br>(30)       | 4.2<br>(107) | 4.4<br>(112) |
| 2162-4-7320  | 5          | -25 to +85       | 1.4<br>(35)       | 4.2<br>(107) | 4.4<br>(112) |
| 2163-4-7320  | 6          | -25 to +85       | 1.4<br>(35)       | 4.2<br>(107) | 4.4<br>(112) |
| 2164-4-7320  | 7          | -25 to +85       | 1.6<br>(40)       | 4.2<br>(107) | 4.4<br>(112) |
| 2165-4-7320  | 8          | -25 to +85       | 1.4<br>(35)       | 4.2<br>(107) | 4.4<br>(112) |
| 2166-4-7320  | 10         | -25 to +85       | 1.4<br>(35)       | 4.0<br>(102) | 4.2<br>(107) |
| 2167-4-7320  | 12         | -25 to +85       | 1.6<br>(40)       | 4.0<br>(102) | 4.2<br>(107) |
| 90026-4-7320 | 14         | -25 to +85       | 1.6<br>(40)       | 4.0<br>(102) | 4.2<br>(107) |
| 2168-4-7320  | 16         | -25 to +75       | 1.8<br>(46)       | 4.0<br>(102) | 4.2<br>(107) |
| 2169-4-7320  | 20         | -25 to +75       | 1.8<br>(46)       | 4.8<br>(122) | 5.0<br>(127) |
| 2170-4-7320  | 25         | -25 to +75       | 1.8<br>(46)       | 4.8<br>(122) | 5.0<br>(127) |

Note: These capacitors may be supplied per the listing under "METAL CAPACITORS with PLASTIC LID".



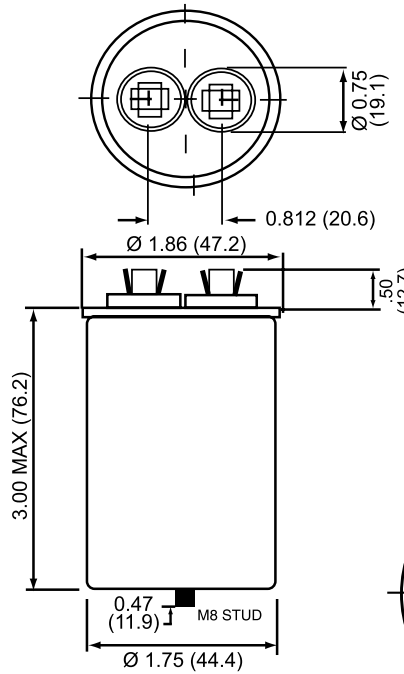
- **Overpressure disconnect:** The protector responds to overload by the generated overpressure expanding the housing and snapping off the internal lead at a predetermined breaking point

- **Installation:** "c" is the overall dimension after operation of overpressure disconnect which has to be taken into account when mounting the part

# Accessories

with UL, CSA and VDE Approvals

| Part Number | Size (mfd) | Temp Range °C |
|-------------|------------|---------------|
| 450-20-0017 | 1          | -20 to +85    |
| 450-20-0018 | 1.5        | -20 to +85    |
| 450-20-0019 | 2          | -20 to +85    |
| 450-20-0020 | 2.5        | -20 to +85    |
| 450-20-0021 | 3          | -20 to +85    |
| 450-20-0022 | 4          | -20 to +85    |
| 450-20-0023 | 5          | -20 to +85    |
| 450-20-0024 | 6          | -20 to +85    |
| 450-20-0025 | 7          | -20 to +85    |
| 450-20-0026 | 8          | -20 to +85    |
| 450-20-0027 | 10         | -20 to +85    |
| 450-20-0028 | 12         | -20 to +85    |



Note: These capacitors may be supplied per the listing under "METAL CAPACITORS with METAL LIDS"



LARGER SIZE (see drawing)

| Part Number | Size (mfd) | Temp Range °C |
|-------------|------------|---------------|
| 450-20-0148 | 14         | -20 to +85    |
| 450-20-0029 | 16         | -20 to +85    |
| 450-20-0030 | 20         | -20 to +85    |
| 450-20-0031 | 25         | -20 to +85    |
| 450-20-0033 | 30         | -20 to +85    |
| 450-20-0034 | 40         | -20 to +85    |

|                      |             |
|----------------------|-------------|
| Part Number for Boot | 710-00-0042 |
|----------------------|-------------|

\* UL File # for capacitors E133000(N)  
 CSA File # for capacitors LR96263  
 UL File # for Boot SA6016(N)

### Boot Dimensions





Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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