



### Product Overview

Component brackets are to be used to provide a secure fixing of the discharge nozzles and EOL devices. They are specifically designed to have quick and easy connections for the bulkhead fittings. Multiple securing points allow for an accurate location of the bracket.

### Key Features

- High Grade Steel Material
- Black Powder Coated RAL9005
- Multiple Fixing Points

### Common Applications

- Heavy Duty Mobile Vehicles
- Buses and Coaches
- Power Generators
- Server Cabinets
- Wind Turbines
- Sports Racing Cars or Boats
- Commercial Boats & Yachts

### Reacton Cylinder Compatibility

- Reacton® Tube R108 6/4mm or 8/6mm
- Reacton® Tube R80 6/4mm or 8/6mm
- End Of Line (EOL)
- Reacton® Manual Actuator
- 3/8" Hose Fittings
- Reacton® 1/4" Nozzle Range
- Reacton® 3/8" Nozzle Range
- Reacton® Solenoid Valve with Exhaust



### Mechanical Data

|                                |   |
|--------------------------------|---|
| <b>Material:</b>               | Non-alloy Steel DC04 EN10130  |
| <b>Finish:</b>                 | Black Powder Coated - RAL9005   |
| <b>Marking:</b>                | No Visible Marking  |
| <b>Weight:</b>                 | 0.12kg  |
| <b>Electrical Connections:</b> | N/A   |
| <b>Mechanical Connections:</b> | 4 x M6 Fixing Point Connections<br>1 x M10 Fixing Point Connection<br>1 x M16 Fixing Point Connection |

### Functional & Environmental Data

|                               |                                      |
|-------------------------------|--------------------------------------|
| <b>Operating Pressure:</b>    | N/A                                  |
| <b>Operating Temperature:</b> | -40°C to +60°C<br>[-40°F to + 140°F] |
| <b>Operation Cycles:</b>      | N/A                                  |
| <b>Life Cycle:</b>            | 10 Years                             |

### Performance Data

|                                    |  |
|------------------------------------|--|
| <b>Vibration Resistance:</b>       | ISO 16750-3:2007 Test VII<br>(96 hours @ 10-2000Hz)        |
| <b>Shock Resistance:</b>           | ISO 16750-3:2007 4.2.2.2<br>(Additional 5000 shocks @ 10g) |
| <b>Thermal Cycling resistance:</b> | ISO 16750-3:2007 4.1.1                                     |
| <b>Corrosion Resistance:</b>       | ISO 21207 & ASTM B117                                      |

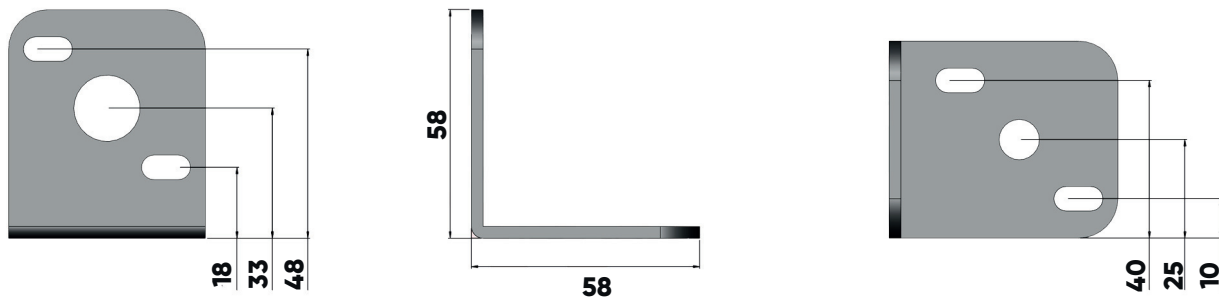
## REACTON BRACKETS

### COMPONENT BRACKET - RE7234

#### COMPONENT DATASHEET

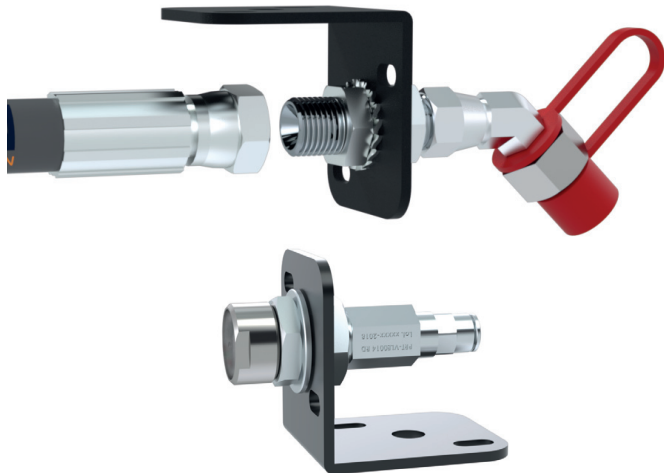
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#### Dimensions



\*All dimensions in mm. The configuration shown in the above Figure is standard.

#### Principle of Operation / Purpose of use



The brackets are designed specifically for the demanding applications found in Reacton's fire suppression offering. The brackets must be adequately mounted and suitably supported in order to offer the correct level of performance. Depending on the application other considerations and/or limitations may apply, please refer to the installation manual for further information.

The brackets are matched with the Reacton® Discharge Nozzle Range, Detection Tube, 3/8" Hose Fittings and EOL devices, if you are using any other 3rd party equipment with these brackets please check the correct fitment first.

#### Design Considerations

Please read the Reacton® installation Manual and consult the design manual.

#### Compatibility List

Reacton® CT Direct & CTX Indirect Systems.

#### Warranty Validity & Precautions

The warranty is invalidated if the system or part is used under conditions other than those indicated in this datasheet or/and the product has been custom modified.

Stresses above the maximum limits indicated may cause permanent damage to the part or system. Exposure to absolute maximum rating conditions for extended periods may affect reliability that could compromise the system integrity and lead to loss of asset, serious injury or death.

Whilst Reacton® has taken care to ensure the accuracy of the information contained herein it accepts no responsibility for the consequences of any use thereof and reserves the right to change the specification of goods without notice.

Doc Number: DOC-COM0013

Released Date: 19 JULY 2019

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**REACTON**  
FIRE SUPPRESSION