

# REACTON BRACKETS

## VEHICLE BRACKETS FOR CYLINDERS

### COMPONENT DATASHEET

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#### Product Overview

The Reacton® Vehicle Brackets come in 3 sizes specifically designed for the Reacton® range of cylinders. Designed and tested to offer longevity and durability in the harshest of conditions.

#### Key Features

- High Grade Steel Material
- Zinc Plated
- Red Nylon Powder Coated Polyester RAL3020
- EPDM padding
- Adjustable Cylinder Clamps Included

#### Common Applications

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

#### Reacton Cylinder Compatibility

- 5.4ltr (4.0kg)
- 7.5ltr (6.0kg)
- 12ltr (9.0kg)
- 24ltr (18.0kg)



#### Mechanical Data

<b>Material:</b>	Non-alloy Steel DC04 EN10130
<b>Finish:</b>	Red Nylon Powder Coated - RAL3020
<b>Marking:</b>	No Visible Markings
<b>Weight:</b>	4.0 & 6.0kg Cylinder Bracket - 5.1kg 9.0kg Cylinder Bracket - 6.4kg 18.0kg Cylinder Bracket - 14.0kg
<b>Electrical Connections:</b>	N/A
<b>Mechanical Connections:</b>	6 x M10 Fixing Points on Rear 5 x M10 Fixing Points on Base

#### Functional & Environmental Data

<b>Operating Pressure:</b>	N/A
<b>Operating Temperature:</b>	-40°C to +80°C [-40°F to + 176°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 (96 hours @ 10-2000Hz)
<b>Shock Resistance:</b>	ISO 16750-3:2007 4.2.2.2 (Additional 5000 shocks @ 10g)
<b>Thermal Cycling resistance:</b>	ISO 16750-3:2007 4.1.1
<b>Corrosion Resistance:</b>	ISO 21207 & ASTM B117

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Reacton Fire Suppression Ltd

14 Baynes Place, Waterhouse Business Park, Chelmsford Essex, CM1 2QX, U.K

T: 0800 030 6526 E: [info@reactonfire.com](mailto:info@reactonfire.com)

W: [www.reactonfire.com](http://www.reactonfire.com)

**REACTON**  
FIRE SUPPRESSION

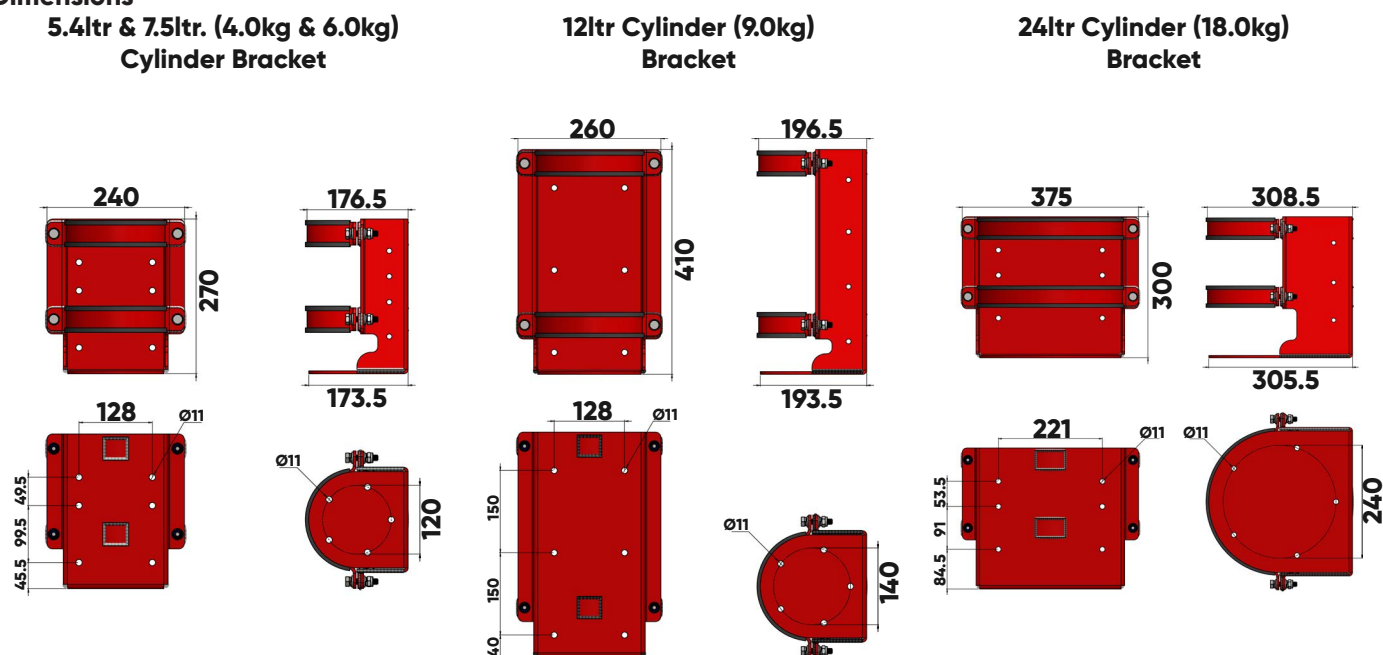
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#### Dimensions



\*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® cylinder range. If these are purchased separately to the Reacton® cylinder offering, please ensure the correct fitment.

#### Design Considerations

Please read the Reacton® installation Manual and consult the design manual. Individual Bracket drawings are available and installation guidelines can be found in the related manuals.

#### Part Numbers

5.4ltr & 7.5ltr (4.0kg & 6.0kg)	RE4035
12ltr (9.0kg)	RE4036
24ltr (18.0kg)	RE4037

#### 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.