



PRODUZIONE ESTINTORI D'INCENDIO OMOLOGATI E CERTIFICATI  
PRODUCTION OF APPROVED FIRE EXTINGUISHERS

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## Data Sheet

Code 18118-1 Kg 100 Powder Wheeled Fire Extinguisher EN 1866-1  
Code 16118-1 *Approved European Marine Equipment Directive (MED 96/98/CE)*  
Fire Rating A IV B C



### Features

- Manufactured in accordance with and tested EN 1866-1.
- Approved to European Marine Directive MED 96/98/CE
- S.O.L.A.S. (Safety of life at sea) '74 (2000)
- CE Marked according to Directive PED 2014/68/EU
- *Quality Product* certification guaranteed by Bureau Veritas Italia
- Pressurized at moment of use with N2 cylinder
- EPB 0351 Powder

The powder is not conductive and the fire extinguisher may be used in presence of electric equipment up to 1000V.

ABC Powder is ideal for Class A fires (solid combustibles), Class B fires (flammable liquids) and Class C fires (flammable gases).

- Manufactured in Italy

| File Name             | Code    | Date       | Ceck | Rev. | Pag. |
|-----------------------|---------|------------|------|------|------|
| DS_18118-1_18223.Docx | 18118-1 | 16/08/2016 | M.P. | 0    | 1/2  |

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### Technical Specifications

|                        |                                                        |
|------------------------|--------------------------------------------------------|
| Model EN 1866-1        | <i>cod. 18118-1</i>                                    |
| Model MED 96/98CE      | <i>cod. 16118-1</i>                                    |
| Fire Rating            | <i>A IV B C</i>                                        |
| Extinguishing Agent    | <i>EPB 0351 Powder</i>                                 |
| Temperature Range      | <i>-30°C + 60°C</i>                                    |
| Propellant             | <i>Side Cylinder N2 at 180 Bar</i>                     |
| Nominal Charge         | <i>Kg 100</i>                                          |
| Cylinder Volume        | <i>L 130</i>                                           |
| Discharge Time         | <i>100 sec.</i>                                        |
| Discharge Range        | <i>10 m</i>                                            |
| Hose                   | <i>EPDM m 10</i>                                       |
| Cylinder Pressure Test | <i>PT 30 Bar</i>                                       |
| Cylinder Material      | <i>Carbon Steel EN10111</i>                            |
| External Treatment     | <i>Sandblast, epoxypolyestere coating red RAL 3000</i> |

|              |                     |
|--------------|---------------------|
| Cap 2"       | <i>Brass</i>        |
| Safety Valve | <i>22 +/- 2 Bar</i> |

#### Dimensions

|             |                    |
|-------------|--------------------|
| Height      | 1300 mm            |
| Width       | 580 mm             |
| Depth       | 550 mm             |
| Full weight | Kg 165             |
| Packaging   | 80x120x145cm 2pcs. |

### Installation

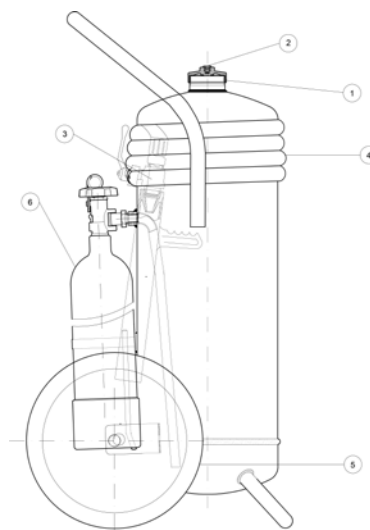
Do not expose the fire extinguisher to direct sunlight.  
A protective Pvc cover is recommended when installed in marine and off-shore environments

### Spare Parts List

| Pos. | Description     | Code  |
|------|-----------------|-------|
| 1    | Cap 2"          | 18463 |
| 2    | Safety Valve    | 2048  |
| 3    | Nozzle          | 18443 |
| 4    | Hose m 10       | 18422 |
| 5    | Wheel d. 400 mm | 0125  |
| 6    | N2 Cylinder     | 18515 |
| 00   | EPB 0351 Powder | 0351  |

### Optional

|           |                  |
|-----------|------------------|
| Cover pvc | <b>Code 1796</b> |
|-----------|------------------|



### Maintenance

The extinguishers must be inspected and serviced by a TRAINED QUALIFIED PERSON in accordance with the local regulation concerning the inspections of the pressure equipments fire extinguishers. To ensure safe, trouble free performance and long life of the extinguishers, the manufacturer recommends the following: At least every two years replace the extinguishing agent; Inspect the cylinder and valve assembly for any external and internal damage or corrosion. Repair or replace all defective parts using only Manufacturers supplied parts or refills; At least every 12 years from date of manufacture the extinguisher must be overhauled by means of an hydraulic pressure test at the pressure PT stamped on the cylinder, and submitted to a thorough inspection of the cylinder and valve should be made checking for any external or internal damage or corrosion. Any defective parts should be repaired or replaced using the specified parts mentioned in the spare part list.

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