

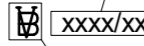



|  |  |  |
|--|--|--|
| M18x1,5 I CTS <b>xx/xxx/xxxxxx</b>   | UN 1049<br>Hydrogen Compressed   | <br>COMPOSITE TECHNICAL SYSTEMS   |
| x,xx KG 6,0 L PW300 at 15° C PT/PH450BAR   |   |  |
| EN12245:2009 + A1:2011 I  XXXX/XX | TS: -50°C to 60°C  | <br>COMPOSITE TECHNICAL SYSTEMS<br>INSTRUCTIONS:<br>1) Valve screwing torque: 85 Nm<br>2) Before use, read carefully the user manual<br>3) Avoid storing without pressure |
| <b>TT1370</b> PET LINER FINAL: NLL   | WARNINGS: FILL IN ACCORDANCE WITH MANUFACTURERS ISTRUZIONI<br>THIS CYLINDER MUST NOT BE SUBJECTED TO A VACUUM<br>AVVERTENZE: RIEMPIRE SECONDO LE ISTRUZIONI DEL FABBRICANTE<br>QUESTA BOMBOLA NON DEVE ESSERE SOTTOPOSTA A VUOTO |  |
| FIRST INSPECTION DATE/DATA PRIMO COLLAUDO XX/XXX   | RETESTING / RICOLLAUDO   |  |

Verification Body Number

Verification Body Logo

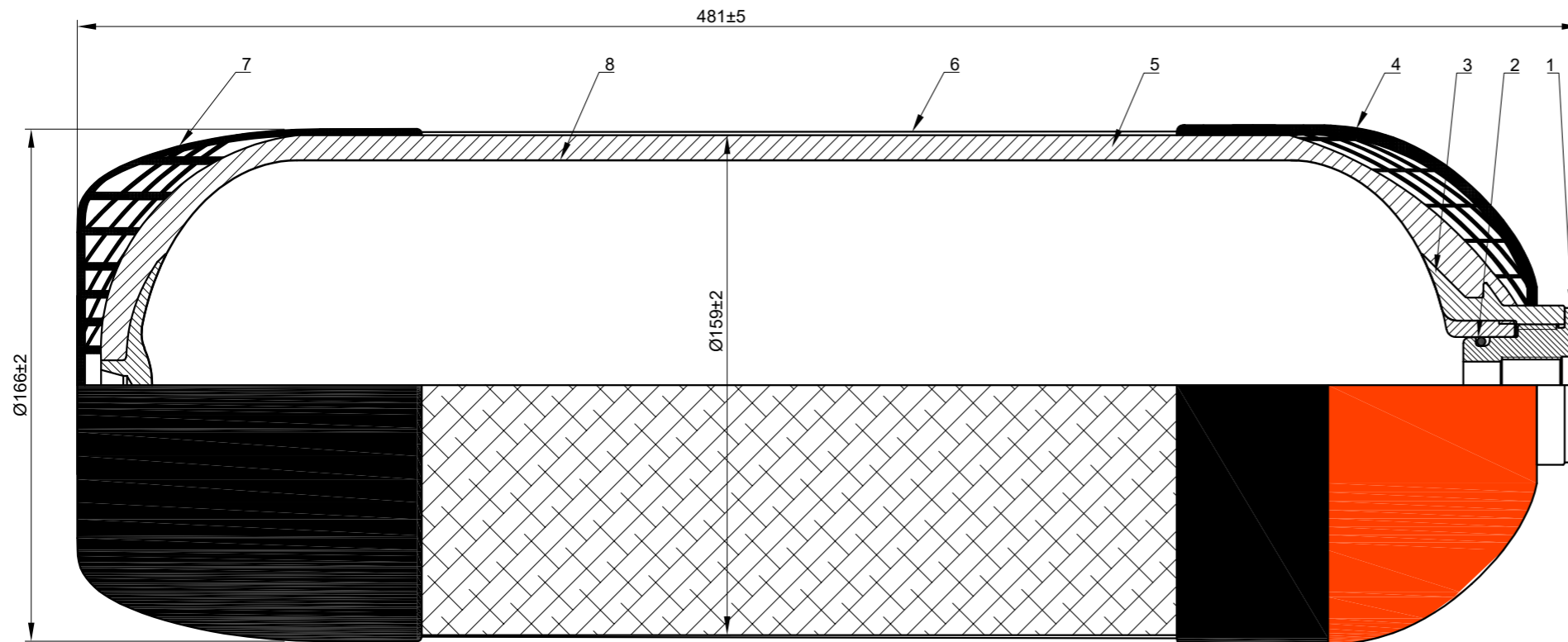
| Cylinder layout                               | Description and notes   | Empty cylinder weight - Aluminum alloy | Empty cylinder weight - Stainless steel |
|---|---|--|---|
| Cylinder without finishings (bare cylinder)   | Without finishings  | 2.69±0.19 kg<br>5.93±0.42 lbs          | 3.11±0.30 kg<br>6.86±0.66 lbs           |
| Finished cylinder with transparent coating    | Finished cylinder with transparent coating and rubber caps.                                   | 3.30±0.19 kg<br>7.28±0.42 lbs          | 3.72±0.30 kg<br>8.20±0.66 lbs           |
| Finished cylinder with yellow or black sleeve | Finished cylinder with coloured sleeve (black or yellow), transparent sleeve and rubber caps. | 3.52±0.19 kg<br>7.76±0.42 lbs          | 3.94±0.30 kg<br>8.69±0.66 lbs           |

Legend:

- ① Inner boss (internal nozzle)

| THREADS              |                          |
|----------------------|--------------------------|
| STANDARD THREAD      | M18x1.5 - EN ISO 15245-1 |
| OTHER COMMON THREADS | M25x2.0 - EN ISO 15245-1 |
|                      | 17E - EN ISO 11363-1     |

- ② O-ring
- ③ Outer boss (external nozzle)
- ④ Upper rubber cap
- ⑤ Composite stratification layer
- ⑥ Optional exterior finishing
- ⑦ Bottom rubber cap
- ⑧ Internal PET liner



CTS SpA Type 4 cylinders Data Sheet:  
6.0 It 300 bar Hydrogen

|  |   |
|--|---|
| Working pressure: 300 bar (4351 psi)   | Boss (nozzles) material: Anodized aluminum alloy OR Stainless steel |
| Test pressure: 450 bar (6527 psi)  | Liner material: PET   |
| Min. design burst pressure: >900 bar (13053 psi)   | Reinforcement material: Carbon fiber + Epoxy resin                  |
| Water capacity: 6.0 L (366.14 cu. inch)  | Hydrogen mass: 127 g (4.48 oz)                                      |
| Exterior finishing: Customer specifications  | Developed pressure at 60°C: 349 bar (5062 psi)                      |
| Service life: non limited (NLL) according to EN 12245:2009 + A1:2011   | Approved gases:<br>UN 1049 Hydrogen, compressed                     |
| Specifications: EN 12245:2009 + A1:2011;<br>European Directive TPED 2010/35/UE, ADR 2021 or<br>European Directive PED 2014/68/UE |   |



The image has the only purpose to represent the product.