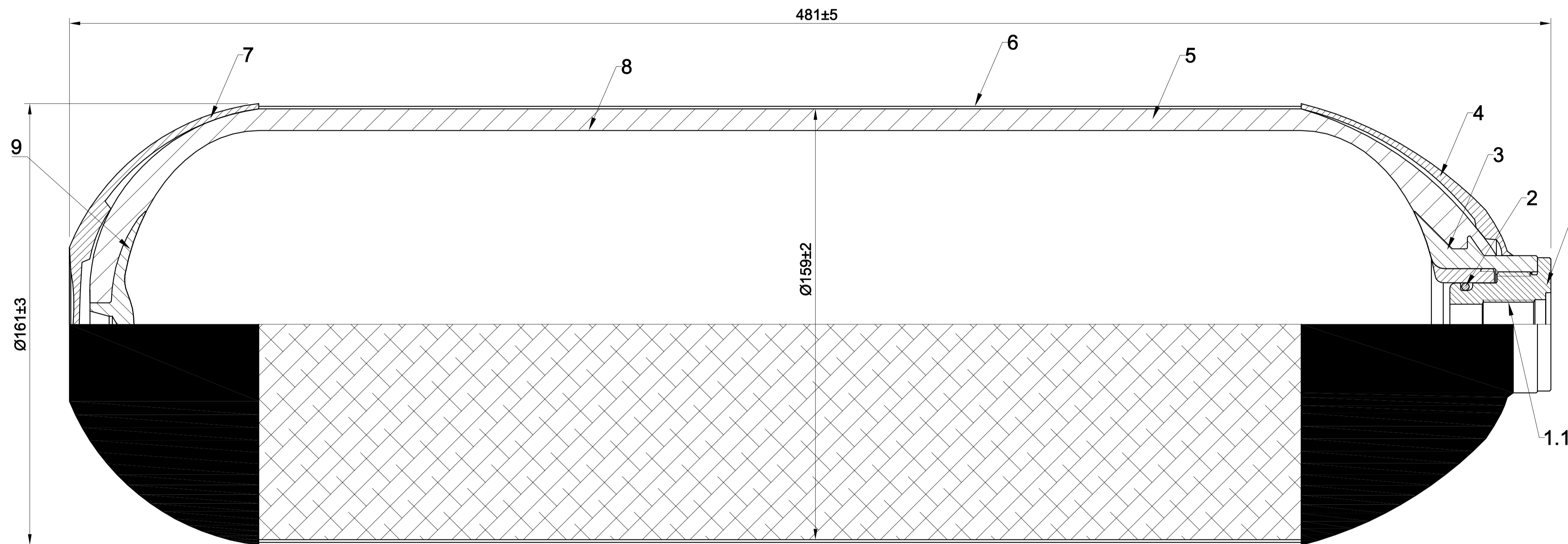


Legend:

- ① Inner Boss
 - ①.1 Possible threads
 - M18x1,5 UNI-EN 144:-1:2006;
 - M25x2,0 UNI-EN 144:-1:2006;
 - 17E UNI EN ISO 11363-1:2010;
 - 25E UNI EN ISO 11363-1:2010;
 - 0,875 - 14 UNF ANSI/ASME B1;
 - 3/4" - 14 NGT ANSI B57/1;
 - 1"-11 1/2 NGT ANSI B57/1
- ② O-ring
- ③ Outer Boss
- ④ End cap
- ⑤ Composite stratification layer
- ⑥ Optional protection stratification layer (within 0,1 mm and 2 mm)
- ⑦ End cap
- ⑧ Polyester liner
- ⑨ Optional bottom boss



| | |
|--|--|
| Filling pressure: 300 bar (4351 psi) | Boss material: Al Alloy |
| Test pressure: 450 bar (6527 psi) | Liner material: Polyester |
| Min. design burst pressure: > 900 bar (13053 psi) | Reinforcement material: Composite material |
| Water capacity: 6.0 L (366.14 cu. inch) | Exterior finishing: Customer specifications |
| Empty weight: 2.5 kg (5.5 lbs) | Approved gases: |
| Service life: non limited (NLL) acc. to EN 12245 : 2009 + A1 : 2011 | UN 1002 Air, compressed; group 2 - PED cat. III |
| Developed pressure at 60°C: | UN 1049 Hydrogen, compressed; group 1 - PED cat. III |
| | Specification: EN 12245 : 2009 + A1 : 2011 |
| <ul style="list-style-type: none"> • compressed air: 374 bar (5425 psi) • hydrogen: 349 bar (5062 psi) | |

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

