

Maximum permissible filling weight (for compressed gases filled by weight only)

Verification Body Logo

First Inspection Year/Month

Customizable logo area (Black and White)

M18x1,5 CTS **XX/XXX/XXXXXXXX** UN XXXX  
 x,xxKG 6,0L PW300 at 15°C PT/PH450BAR

EN 12245 I **yyyy/mm**

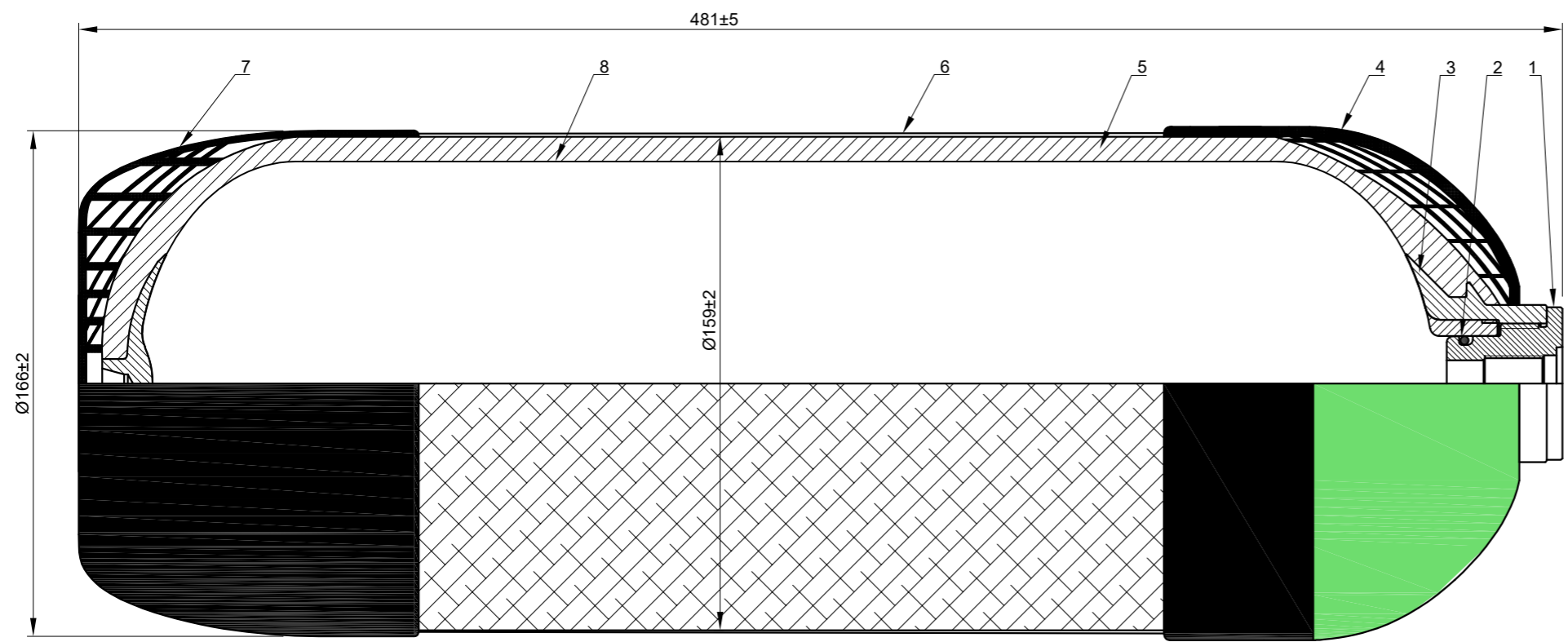
1370-40°

WARNINGS: FILL IN ACCORDANCE WITH MANUFACTURER'S ISTRUZIONI THIS CYLINDER MUST NOT BE SUBJECTED TO A VACUUM  
 AVVERTENZE: RIEMPIRE SECONDO LE ISTRUZIONI DEL FABBRICANTE QUESTA BOMBOLA NON DEVE ESSERE SOTTOPOSTA A VUOTO

FINAL: NNL RETESTING/RICOLLAUDO:

INSTRUCTIONS:  
 1) Valve screwing torque: 85 Nm  
 2) Before use, read carefully the user manual  
 3) Avoid storing without pressure

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 5.93±0.42 lbs	3.26±0.30 kg 7.19±0.66 lbs
Finished cylinder with transparent coating	Finished cylinder with transparent coating and rubber caps.	3.46±0.19 kg 7.63±0.42 lbs	3.88±0.30 kg 8.55±0.66 lbs
Finished cylinder with glass fiber coating	Finished cylinder with glass fiber coating and rubber caps.	3.53±0.19 kg 7.78±0.42 lbs	3.95±0.30 kg 8.71±0.66 lbs
Finished cylinder with yellow or black sleeve	Finished cylinder with coloured sleeve (black or yellow), transparent sleeve and rubber caps.	3.68±0.19 kg 8.11±0.42 lbs	4.00±0.30 kg 8.82±0.66 lbs



Legend:

- ① Inner boss (internal nozzle)
  - ② O-ring
  - ③ Outer boss (external nozzle)
  - ④ Colour coded upper rubber cap
  - ⑤ Composite stratification layer
  - ⑥ Optional exterior finishing
  - ⑦ Bottom rubber cap
  - ⑧ Internal PET liner
- | THREADS              |                          |
|----------------------|--------------------------|
| STANDARD THREAD      | M18x1.5 - EN ISO 15245-1 |
| OTHER COMMON THREADS | M25x2.0 - EN ISO 15245-1 |
|                      | 17E - EN ISO 11363-1     |

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

Working pressure: 300 bar (4361 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)	Exterior finishing: Customer specifications
Service life: non limited (NLL) according to EN 12245:2009 + A1:2011	Approved gases: UN 1002 Air, compressed; (green upper cap) UN 1013 Carbon Dioxide, compressed; (gray upper cap) UN 1066 Nitrogen, compressed; (black upper cap) UN 1046 Helium, compressed; (brown upper cap) UN 1006 Argon, compressed. (green upper cap)
Specifications: EN 12245:2009 + A1:2011; European Directive TPED 2010/35/UE; ADR 2021	



The image has the only purpose to represent the product.