

Verification

Body Logo

First Inspection

Year/Month

Suitable for

Underwater use

Customizable logo area
(Black and White)

M18x1.5 **XX/XXX/XXXXXXXX** **UNW**

PW310=4500psi PH465BAR=6743psi
x,xx Kg=x,xx lb 13.0L=793cu in

DURATION: 90 MINUTES

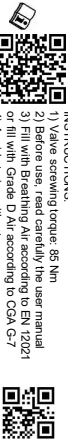
ISO 11119-3 USA/M0852 FINAL: NIL

UN 1002
Compressed Air


2


COMPOSITE TECHNICAL SYSTEMS


Composite Technical Systems S.p.A
Via S. Giovanni, 10 - 33048 Chiopis (UD) ITALY
www.cts-italy.com


INSTRUCTIONS:
1) Use certified torque 85 Nm
2) Before use, read carefully the user manual
3) Fill with Breathing Air according to EN 12071
or fill with Grade D Air according to CGA G-7
4) Avoid storing without pressure

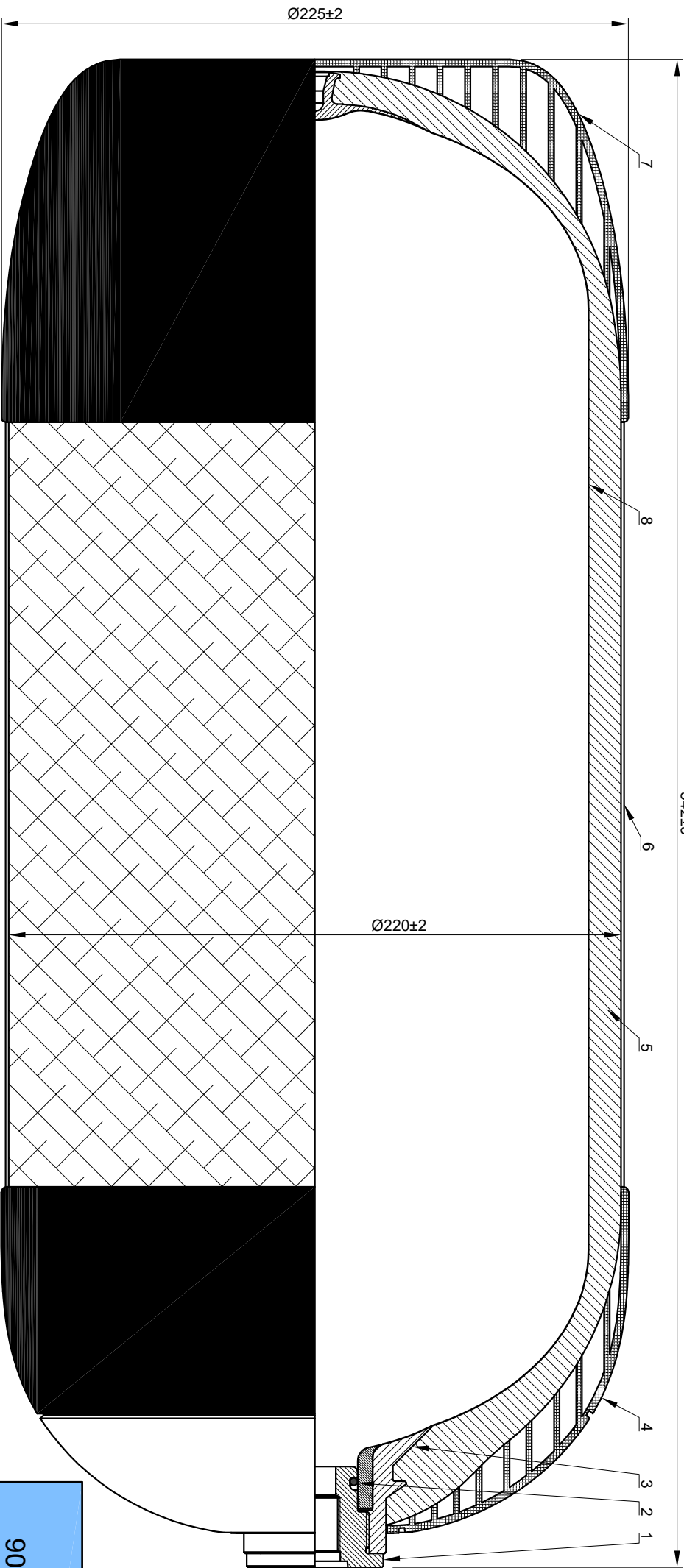
RETESTING DATE:

WARNINGS

FILL IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
PET LINER - THIS CYLINDER MUST NOT BE SUBJECTED TO A VACUUM.

Verification Body Number

542±3



Cylinder layout	Description and notes	Empty cylinder weight
Cylinder without finishings (bare cylinder)	Without finishings	5.72±0.30 kg 12.61±0.66 lbs
Finished cylinder with glass fiber coating	Finished cylinder with glass fiber coating and rubber caps.	6.85±0.30 kg 15.10±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
	7/8" - 14 UNF - 2B

- 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

Working pressure: 4500 psi (310 bar)	Boss (nozzles) material: AISI 316L or AISI 904L	
Test pressure: 6744 psi (465 bar)	Liner material: PET	
Min. design burst pressure: > 13489 psi (930 bar)	Reinforcement material: Carbon fiber + Epoxy resin	
Water capacity: 793.31 cu. inch (13.0 L)	Duration: 90 minutes	Exterior finishing: Customer specifications
Service life: non limited (NLL) according to ISO 11119-3		
Specifications: UN - ISO 11119-3 Cylinders: Manufactured in accordance with §§ 178.35 and 178.69 - 71.		
Approval CA2019100512		Regulaotry Authority: 49 CFR §178.69 - 70 - 71

CTS SPA Type 4 cylinders Data Sheet:
90 Minutes (13.0 lt) 4500 psi UN - SCUBA cylinder

