



## **CARBONDIVE 300 6,8 l Monovalve**

<b>Design Life</b>	<b>unlimited</b>
<b>Service Pressure</b>	300 bar
<b>Weight (empty)</b>	6.25 kg
<b>Length</b>	59 cm
<b>Diameter</b>	13,9 cm
<b>Perimeter</b>	44 cm
<b>Valve Thread Size</b>	M 25 x 2, EN144-1

**A CARBONDIVE 300 weighs only the half at the same diving time!**

(compared to a 10 l steel cylinder, weight ca. 12 kg, diving time ca. 15 min)

- All cylinders are delivered with a top quality valve
- Tank boot included (affixed)
- Group 1: usable with pure Oxygen (requires the use of a specific valve, which is available on request)
- With Certificate (TÜV)

### **Your Advantages at a Glance**

- less weight – however the needed extra weight is only 1 – 2 kg
- high relief for your backbone
- higher air resources – higher safety

- frequent refilling not necessary - 2 dives with only one cylinder fill

## Production Process

**Highest safety and quality standards take top priority**

- Cylinders have a steel liner (CrMO-steel)
- Carbon fibre wrapping (cylindrical shell)
- 5 independent **quality** and **safety** examinations during the production process:
  - "Brinell-Hardness Survey"
  - Visual examination (inside and outside, multiple controlling of the thread)
  - Ultrasonic examination
  - Hydraulic compression test
  - Final examination before delivery

## Bersttest

A CARBONDIVE 300 cylinder is incredible resistant, it bursts at a pressure of **851 BAR**. There is also **no danger of explosion**, even if the winding is damaged.

A common steel cylinder without a carbon fibre wrapping bursts at **430 BAR**.