



CARBONDIVE 300 12 I Monovalve

Design Life	unlimited
Service Pressure	300 bar
Weight (empty)	10.9 kg
Length	63 cm
Diameter	18.1 cm
Perimeter	57 cm
Valve Thread Size	M 25 x 2, EN144-1

With CARBONDIVE 300 +25 % longer dives at the half of the weight!
(compared to a 15 l steel cylinder, weight ca. 19 kg, diving time ca. 25 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**.