



# EBS MKII

Emergency Breathing System

## BUYERS GUIDE



# EBS BUYERS GUIDE

Four different choices for a customized product

## SELECTION A

Light weight first stages made of hard anodized high tensile aluminium for durability and performance in all conditions.

**1st stage regulator UNF 5/8**  
incl. Cylinder valve and Pressure gauge  
W: 272g/0.60lb



**1st stage regulator m18**  
incl. Cylinder valve and Pressure gauge  
W: 272g/0.60lb



## SELECTION B

PU braided highflex hoses. 30% lighter than a comparable rubber hose.

**Low Pressure Hose 20" 50 cm**  
W: 120g/0.26lb



**Low Pressure Hose 24" 60 cm**  
W: 137g/0.30lb



**Low Pressure Hose 27" 70 cm**  
W: 150g/0.33lb



## SELECTION C

Demand valves from the proven Cyklon range for max reliability. Works perfectly in any orientation.

### LIGHTWEIGHT



**2nd stage regulator**  
W: 151g/0.33lb



**2nd stage regulator**  
W: 151g/0.33lb

### HEAVY DUTY



**2nd stage regulator**  
W: 222g/0.49lb



**2nd stage regulator**  
W: 222g/0.49lb

## SELECTION D

CE - European standards  
DOT/TC - N American standards



**Cylinder CE 0.4L/3.3cuft**  
**UNF 5/8x18 232bar/3365psi**  
Aluminium W: 630g/1.39lb  
Ø: 60mm/2.36"  
L: 250mm/9.84"



**Cylinder CE 0.29L/2.0cuft**  
**UNF 5/8x18 200bar/2901psi**  
Aluminium W: 391g/0.86lb  
Ø: 50mm/1.97"  
L: 235mm/9.25"



**Cylinder CE 0.25L/2.6cuft**  
**UNF 5/8x18 300bar/4351psi**  
Composite W: 270g/0.60lb  
Ø: 51mm/2.00"  
L: 221mm/8.70"



**Cylinder CE/DOT/TC 0.32L/3.4cuft**  
**UNF 5/8x18 300bar/4351psi**  
Composite W: 498g/1.10lb  
Ø: 69mm/2.72"  
L: 167mm/6.58"  
(not in stock)



**Cylinder DOT/TC 0.22L/1.6cuft**  
**UNF 5/8x18 200bar/2901psi**  
Aluminium W: 320g/0.71lb  
Ø: 50mm/1.97"  
L: 215mm/8.47"



**Cylinder DOT/TC 0.29L/2.0cuft**  
**UNF 5/8x18 200bar/2901psi**  
Aluminium W: 391g/0.86lb  
Ø: 50mm/1.97"  
L: 235mm/9.25"



**Cylinder CE 0.25L/2.6cuft**  
**m18x1.5 300bar/4351psi**  
Composite W: 289g/0.64lb  
Ø: 60mm/2.36"  
L: 156mm/6.14"  
(not in stock)



Without Cylinder

## ORDER GUIDE

Fill in the digit from each selection in the boxes A B C and D below.  
Example; if A1 slected, fill in 1 in the A box.  
All acessories are ordered separately.

A	B	C	D
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Article no. 5000-015

## FEATURES

- Breathing guaranteed in all orientations, ambidextrous demand valve
- Cold water approved
- Tested to 75lpm
- Possibility of customization
- Technical service available
- Easy and low-cost maintenance
- Light weight <1kg
- Made in Sweden

This **Poseidon EBS MkII** is an EN 4856 Category A underwater escape device.

The Poseidon EBS is intended for use as a generic underwater escape device but can be used as a helicopter escape device to assist aircrew members or passengers in making an emergency egress from a submerged aircraft. Due to its limited air volume, it is not intended egressing from depths greater than 10 meters.

General	
Maximum Operational depth	Certified to 10 m (33 ft)
Approved gas	Air according to EN12021
Maximum working pressure	300 Bar (4351 psi)
Cold water performance	>4deg C
Cleaned to hydrocarbon levels <50mg/m2	No
O-ring materials	Nitrile, EPDM
Lubricants	Poseidon Regulator grease 8516 & silicone oil.
Warranty	12 months
Total weight	813 g / 28,7 Oz



The Poseidon EBS is tested against EN4856 ColdWater and CAP1034 Emergency Breathing System standard by Civil Aviation Authority (CAA).

## FUNCTIONAL OVERVIEW



## EBS ACCESSORIES

**EBS Pocket  
with Molle system**

5836-261



**EBS demand  
valve holder**

5836-262



**Poseidon EBS  
Filling Adapter**

0800-012 **300bar**  
0800-015 **200bar**



**EBS Filling Adapter**

0800-020 **Yoke**  
0800-021 **DIN**

