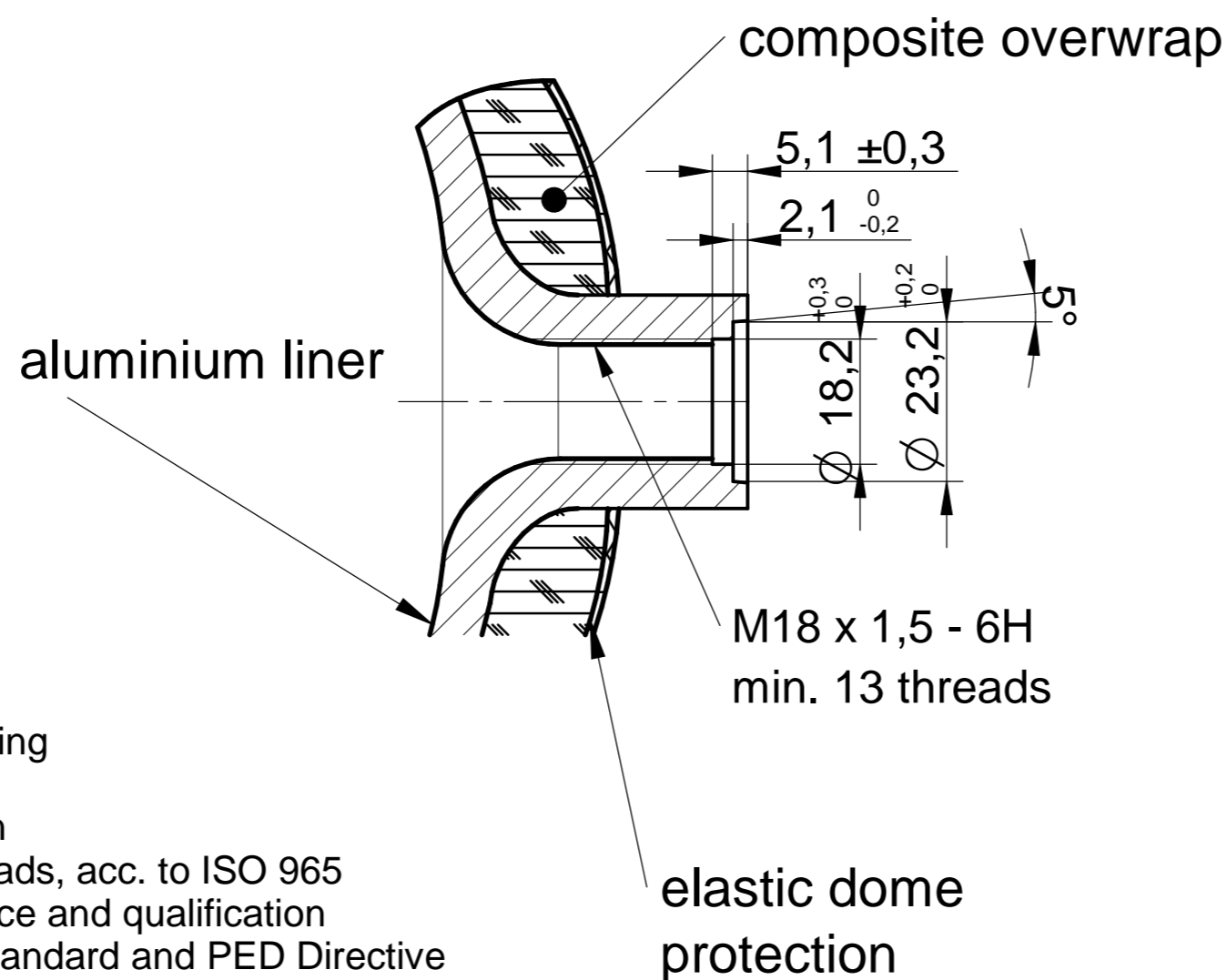
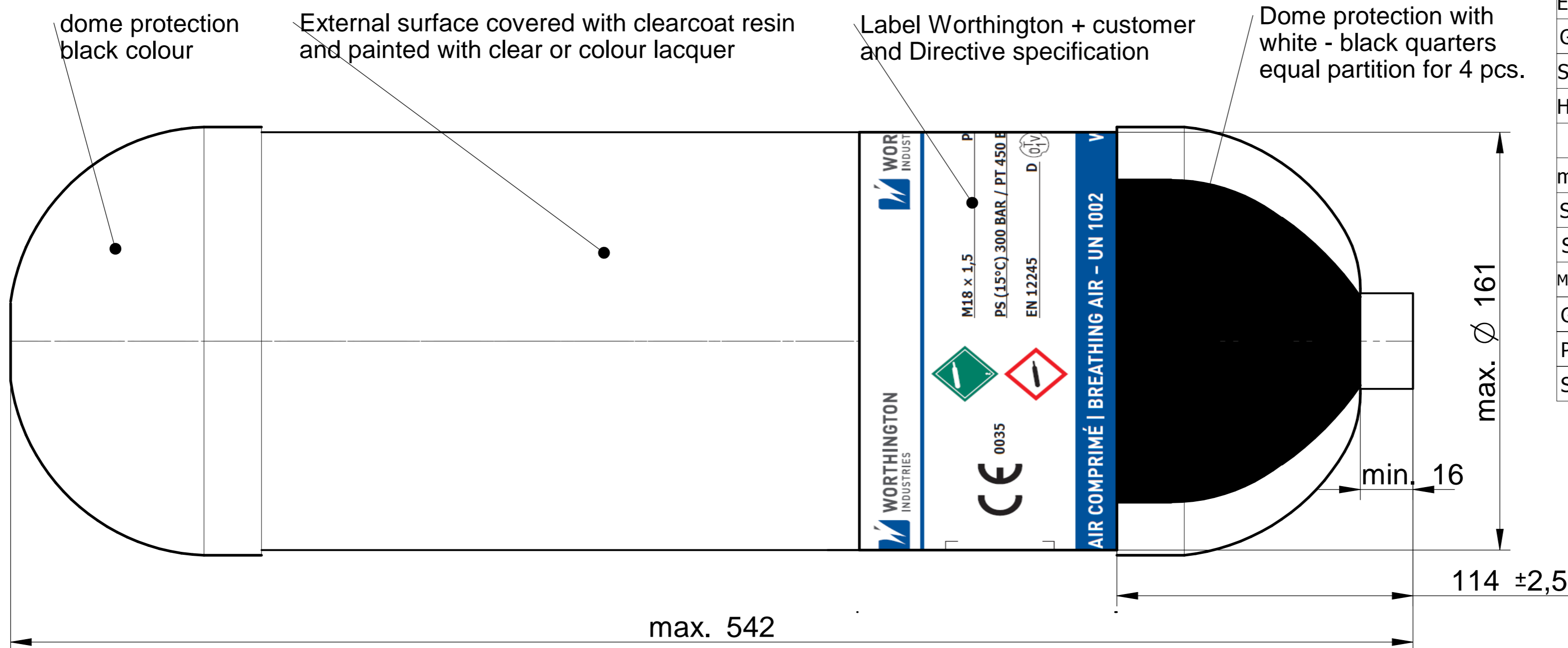


Classification of pressure equipment acc. to PED Directive

Group of fluids 2
PS = 300 bar
Capacity 6,8 L
Category III
Module B+F

Drawing no. 5033.10.1000 is in accordance with the type approval drawing no. 5033.10.

Technical parameters of the cylinder	
Water capacity	6,8 +/- 0,1L
Length	max. 542 mm
Diameter	max.161mm
Empty weight	4,9 +/- 0,3 kg
Gas capacity	2,7 m3
Service pressure	300 bar
Hydrostatic Test pressure	450 bar
min. Burst pressure	900 bar
Service life	Non limited
Service valve	approved for breathing assistant
Max. valve torque	80 Nm
Gas	Air,N
Part No.	S6.8NLXXXXXX
Service temperatures	-50°C to 60°C



Notes:

1. Aluminium 6061 liner acc. to 5215.30 drawing
2. Carbon fibre - epoxy resin - wrap
3. Label according to customer specification
4. Internal thread M18 x 1,5 - 6H, min 13 threads, acc. to ISO 965
5. Design, manufacture, inspection, acceptance and qualification according to the requirements of EN 12245 standard and PED Directive
6. Hydrostatic test on each cylinder.
7. External surface painted with clearcoat resin and painted with clear or colour lacquer.

Uwagi (Remarks):

1. Dimensional tolerances acc. to EN 22768-1 cl.C
2. Geometric tolerances acc. to EN-22768-2 cl.K

	Odchyłki graniczne wym. liniowych / Limiting deviations of linear dimensions		Odchyłki granicz. wym. ką. / Limiting deviations of angular dimensions	
	c	v	c	v
0,5 ÷ 3	±0,2	-	< 10	±1°30'
3 ÷ 6	±0,3	±0,5	10 ÷ 50	±1°
6 ÷ 30	±0,5	±1	50 ÷ 120	±0°30'
30 ÷ 120	±0,8	±1,5	120 ÷ 400	±0°15'
120 ÷ 400	±1,2	±2,5	> 400	±0°10'
400 ÷ 1000	±2	±4	Tolerancje wy miarów liniowych i kątowych wg EN 22768-1 / Overall tolerances of linear and angular dimensions acc. to EN 22768-1	
1000 ÷ 2000	±3	±6		
2000 ÷ 4000	±4	±8		

Nr / No.	Nazwa części (zespołu) / Part (assembly) name	Ilość / Pcs.	Nr rysunku lub normy / Draw. No. or Approval No.	Materiał / Material	Uwagi / Remarks
Oznac. zmiany / Change marking	Ilość zmian / No. of changes	Nr karty zmian / Change card no.	Data / Date	Podpis / Signature	Oznac. zmiany / Change marking
Projektował / Designed by	Nazwisko / Name		Data / Date	Podpis / Signature	Nazwa zespołu / Assembly name
Sprawił / Checked by	W. Gogolewski		04.2019		SCBA Cylinder NLL Non limited lifetime (offer drawing)
Zatwierdził / Approved by	W. Borkowski		05.2013		
	S. Kubicz		05.2013		
STAKO Słupsk			WORTHINGTON INDUSTRIES		Nr rys. / Draw. no. 5033.10.1000