

Poseidon Cyklon 300

BREATHING REGULATOR	**Art. No 2980**
Primary pressure	Max. 4350 PSI / 300 bar
Secondary pressure	Max. 181 PSI / 12.5 bar
Air flow	Approximately 800 l/min
Inhalation resistance at 115 l/min	Max. 40 mm of water
Exhalation resistance	Max. 20 mm of water

The above data apply when measuring at atmospheric pressure

FIRST STAGE VALVE	**Art. No 3070**
Description	Diaphgram-operated, compensated
Connection threads for primary pressure	G 5/8" -max. 4350 PSI / 300 bar
Outlet connections:	
Four outlets marked LP for second stage, drysuits, buoyancy compensators, hookah supply, safety second stage, etc	UNF 3/8" -secondary pressure
One outlet marked HP	UNF 7/16"-primary pressure

SECOND STAGE VALVE	
Type designation	**Art. No 1133, 3536**
Description	Downstream type, diaphragm actuated. Integral saftey valve opens at approximatley 203 PSI / 14 bar. Purge button for clearing.

REGULATOR HOSE	**Art. No 2946**
Length	28 inch / 70 cm

TIGHTENING TORGQUE	
Primary connection	20-22 lbf.ft / 28-30 Nm
Valve cover	20-22 lbf.ft / 28-30 Nm
Connections marked LP-HP	6 lbf.ft / 8 Nm

ANTI-FREEZE PROTECTION	
Type designation	**Art. No 1286**
Type	Rubber cap



Poseidon Cyklon 5000

BREATHING REGULATOR **Art. No 2950**

Primary pressure ..... Max. 4350 PSI / 300 bar
Secondary pressure ..... Max. 174 PSI / 12 bar
Air flow ..... Approx. 1050 l/min
Inhalation resistance at 115 l/min ..... Max. 40 mm of water
Exhalation resistance ..... Max. 20 mm of water
The above data apply when measuring at atmospheric pressure

FIRST STAGE VALVE **Art. No 3257, 3585**

Description ..... Diaphgram-actuated, balanced.
Connecting threads for primary pressure ..... G 5/8 -max 4350 PSI /300 bar accord. SS 2600/K and DIN 477/5 or yoke connection accord. SS 2603 and ANSI/CGA VI: 1987

Outlet connections:
One outlet marked R for second stage (max airflow) ..... UNF 3/8" - secondary pressure
Three outlets marked LP for drysuits, buoyancy compensators, hookah supply, safety second stage etc ..... UNF 3/8" -secondary pressure
One outlet marked S has restricted airflow and therefore is intended only for dry-suit or stabjacket .. Intended for first stage No. 3585 UNF 3/8" -secondary pressure
One outlet marked HP for pressure gauge ..... UNF 7/16" -primary pressure

SECOND STAGE VALVE **Art. No 1133**

Description ..... Downstream-type, diaphragm actuated. Integral safety opens with approximately 203 PS1/14 bar. Purge button for clearing.

REGULATOR HOSE

Length ..... 28 inch / 70 cm

TIGHTENING TORQUE

Primary connection ..... 20 - 22 lbf.ft / 28-30 Nm
Valve cover ..... 20 - 22 lbf.ft / 28-30 Nm
Connections marked R-LP-HP ..... 6 lbf.ft / 10 Nm

ANTI-FREEZE PROTECTION

Type designation ..... Art. No 1286
Type ..... Rubber cap



Poseidon Cyklon 5000

BREATHING REGULATOR	**Art. No 3950**
Primary pressure	Max. 4350 PSI / 300 bar
Secondary pressure	Max. 174 PSI / 12 bar
Air flow	Approx. 1050 l/min
Inhalation resistance at 115 l/min	Max. 40 mm of water
Exhalation resistance	Max. 20 mm of water

The above data apply when measuring at atmospheric pressure

FIRST STAGE VALVE	**Art. No 3720, 3720 10**
Description	Diaphgram-actuated balanced with shear venturi boost. Release pressure approx. 217-247 PSI / 1,5-1,7 MPa / 15-17 bar
Connecting threads for primary pressure	G 5/8"-max 4350 PSI / 30 MPa / 300 bar accord. SS 2600/K and DIN 477/5 or yoke connection accord. SS 2603 and ANSI/CGA V1: 1987
Outlet connections:	
One outlet marked R for second stage (max. airflow)	UNF 3/8" -secondary pressure
Three outlets marked LP for Cyklon octopus, drysuits, stadjacket	UNF 3/8" -secondary pressure
Two outlet marked HP for pressure gauge	UNF 7/16" -primary pressure

SECOND STAGE VALVE	**Art. No 1133, 3536**
Description	Downstream-type, diaphragm actuated. Integral safety opens with approximately 203 PSI/14 bar. Purge button for clearing.

REGULATOR HOSE	**Art. No 2946**
Length	28 inch / 70 cm

TIGHTENING TORQUE	
Primary connection, valve cover	22 lbf. ft / 30 Nm / 3,0 kpm
Connections marked R-LP-HP	6 lbf.ft / 8 Nm, / 0,8 kpm

ANTI-FREEZE PROTECTION	
Type designation	Art. No 1286
Type	Rubber cap