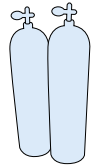


SCUBA VALVES

NAUTILUS series Single outlet with/without bursting disc - Second outlet	42
NAUTILUS series Manifold with Isolator	43
ASSEMBLY SOLUTIONS	43



NAUTILUS series

Single outlet with/without bursting disc
Second outlet

List Features

- Valves CE marked in accordance with the European Directive 97/23 EC (PED)
- Complying with the requirements of the EN 250 standard
- High quality Chromium Plated body with excellent resistance to salt spray test
- Safe and long life under all service conditions is guaranteed by the solid design and the quality of the Material components of the internal components
- Large internal orifice ensures a high gas flow capacity
- Handwheel closing torque: 0,9 Nm @ 230 Bar
- Ergonomic Handwheel designed to be manipulated with thick protective gloves
- Permanent gas tight seal
- OPEN and CLOSE stamped on the Handwheel
- Dip tube installed in the valve inlet to ensure a better breathing
- Inlet thread M25x2 EN144-1 or G 3/4 NPSM
- Outlet thread for 230 bar W.P. G 5/8 ISO12209-2 with removable yoke connection according to ISO 12209-3 CGA 850
- Outlet thread for 300 bar W.P. G 5/8 ISO12209-2
- Nautilus Series is also compatible with EAN, NITROX and TRIMIX
- Different pressure settings for bursting disc are available
- Individually packaged and cleaned for oxygen service

List Technical data

Pressure

Maximum Service Pressure	230 or 300 bar	3,336 or 4,350 PSI
Test	270 or 360 bar	3,350 or 5,220 PSI

Temperature Range

-20°C ÷ +65°C	-4°F ÷ +149°F
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Life Cycle

2,000 minimum

Helium Leak Rate

less than 10-3 mbar l/s

Material components

Body	Chromium Plated brass
O-ring	EPDM
Backup ring	PTFE
Seat pad	PA 6.6
Handwheel	Black or Green Rubber with plastic insert

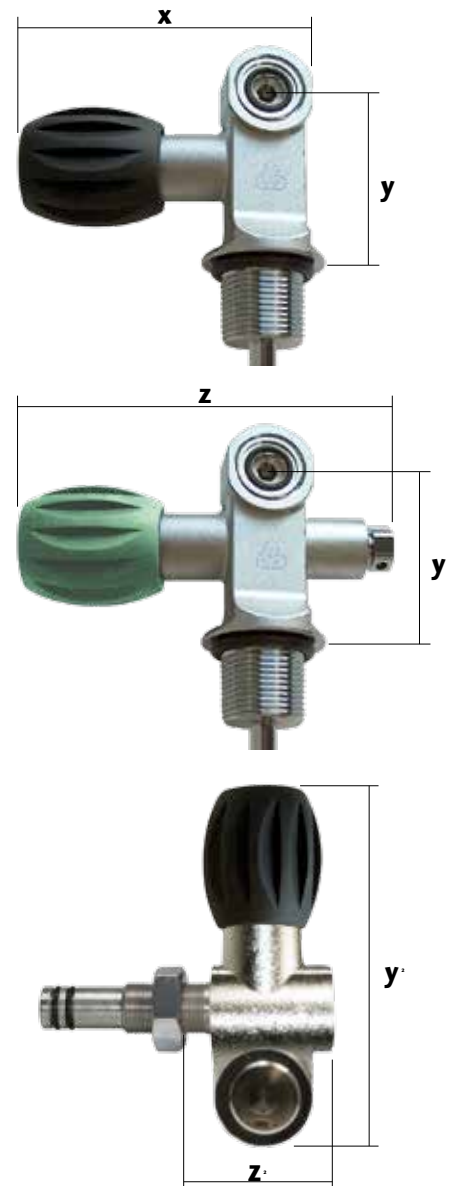
Dimensions

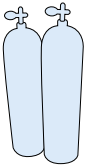
	mm	inches
x	93	3.66
y	55	2.16
z	121.7	4.79
y ²	90	3.54
z ²	35	1.37

Ordering Information

VS=	Scuba Valve
A1=	230 bar Working Pressure
B1=	300 bar Working Pressure
D=	Family
LH=	Left Hand
RH=	Right Hand
CE=	Manifold with shut off
XXX=	Progressive numbers to identify the different inlets, bursting disc setting pressure and personalizations

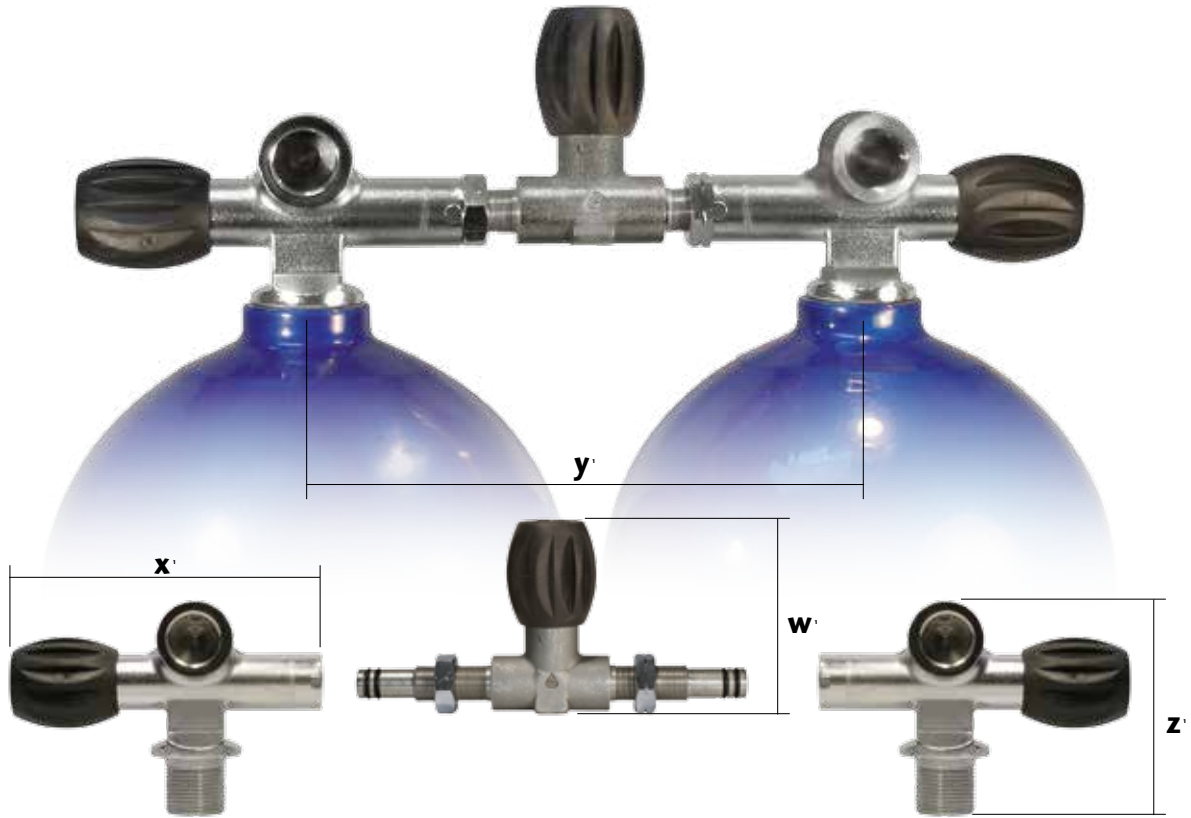
EXAMPLE: VSA1DLH001





NAUTILUS *series*

Manifold with Isolator



Material components

Body	Chromium Plated brass
O-ring	EPDM
Backup ring	PTFE
Seat pad	PA 6.6
Handwheel	Black or Green Rubber with plastic insert

Dimensions

	mm	Inches
x'	130	5.11
y'	168/178	6.61/7
	178/188	7/7.40
	188/198	7.40/7.79
	210/220	8.26/8.66
w'	81	3.18
z'	90	3.54

Ordering Information

VS=	Scuba Valve
A1=	3336 PSI Working Pressure
B1=	300 bar Working Pressure
D=	Family
LH=	Left Hand
RH=	Right Hand
CE=	Manifold with shut off
XXX=	Progressive numbers to identify the different inlets, bursting disc setting pressure and personalizations

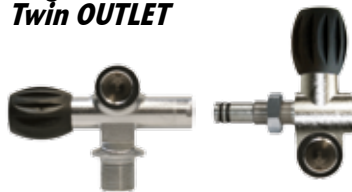
EXAMPLE: VSA1DLH001

ASSEMBLY SOLUTIONS

**Single CYLINDER
Single OUTLET**



**Single CYLINDER
Twin OUTLET**



**Twin CYLINDER
Twin OUTLET**

