



**Cavagna Group**

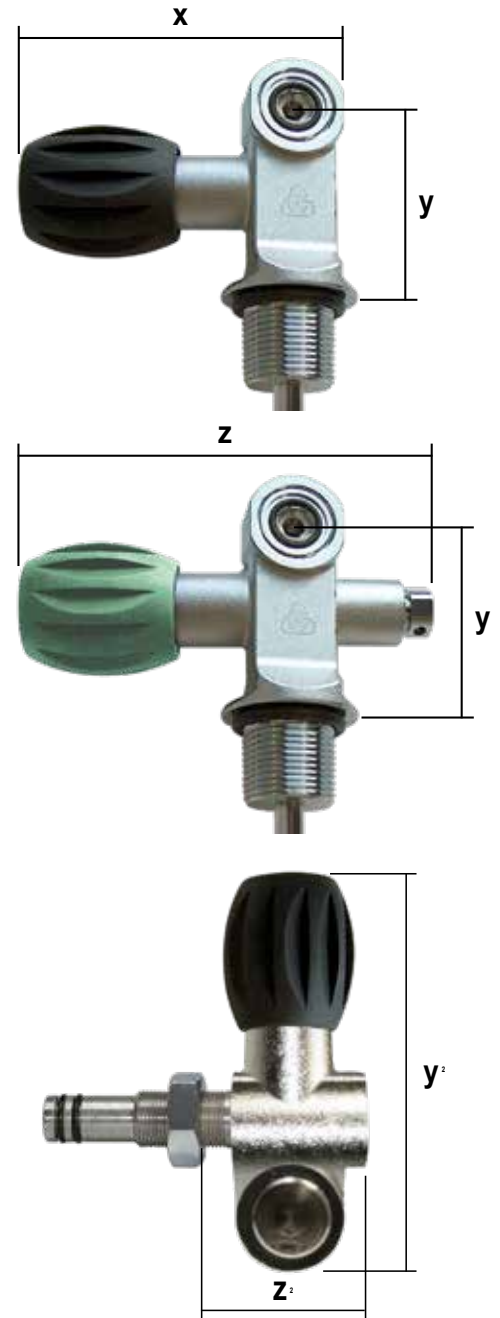
Wherever gas is used, we are there

**NAUTILUS**  
series

# Scuba Cylinder Valves



- Valves CE marked in accordance with the European Directive 2014/68/EU (PED) complying with the requirement of the ISO 10207 standard
- High quality chrome plated body with excellent resistance to salt spray test
- Safe and long life under all service conditions are guaranteed by the solid design and the quality of the materials of the internal components
- Large internal orifice ensure a high gas flow capacity
- Handwheel closing torque: 0,9 Nm @ 230 Bar
- Ergonomic Handwheel designed to be operated with thick protective gloves
- Permanent gas tight seal
- OPEN and CLOSE printed on the Handwheel
- Dip tube installed in the valve inlet to ensure greater respiration
- Working pressure: 230 or 300 bar
- Seat orifice 3,5 mm
- Leak test: less than 6 cc<sup>3</sup>/h
- Temperature range: -20°C / +65°C
- Inlet thread M25x2 EN144-1 or G ¾ 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 bursting disc pressure settings are available
- Individually packed and cleaned for oxygen service



	Chromium plated brass		mm	inches
Body:	Chromium plated brass	x	93	3,66
O-ring:	EPDM	y	55	2,16
Backup ring:	PTFE	z	121,7	4,79
Seat pad:	PA 6.6	y <sup>2</sup>	90	3,54
Handwheel:	Black or Green Rubber	z <sup>2</sup>	35	1,37

Vs: Scuba Valve

B1: 230 / 300 Bar Working Pressure

D: Family

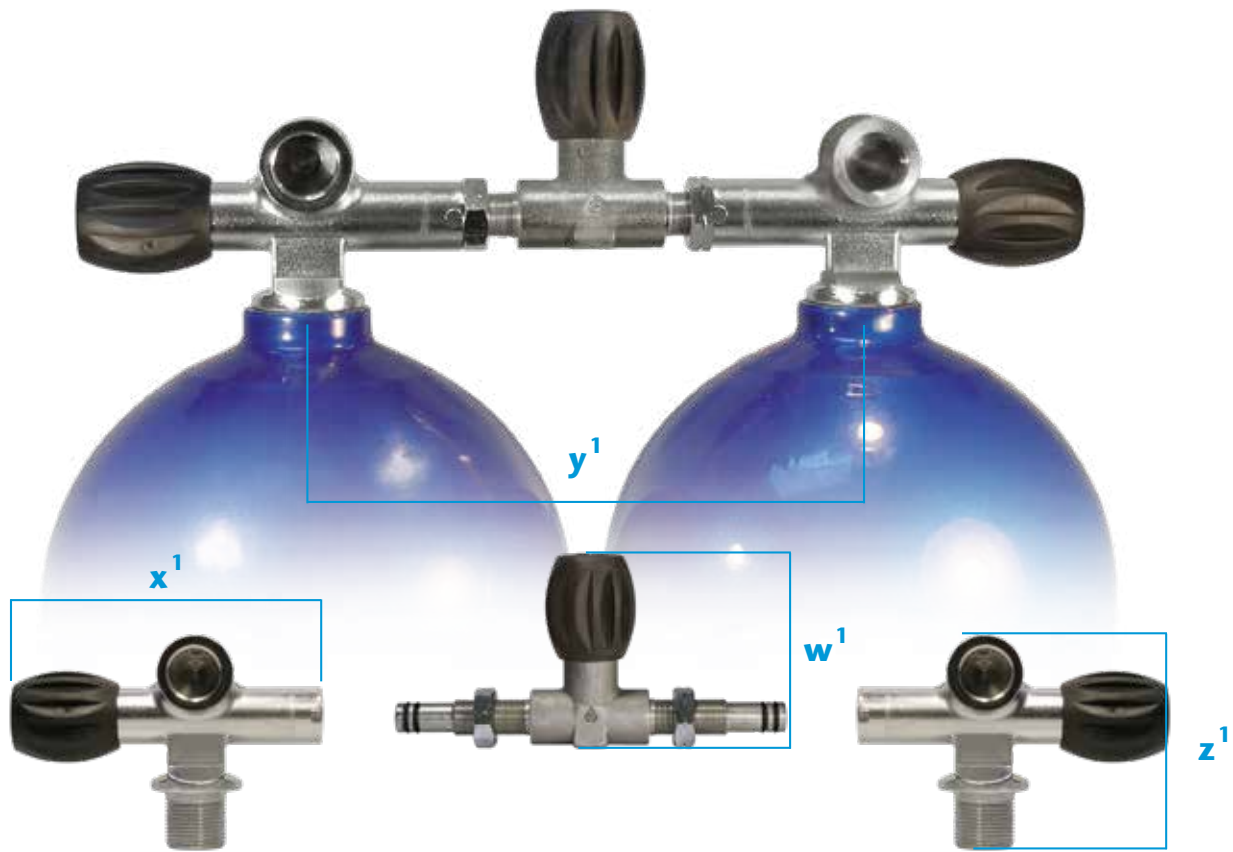
Lh: Left Hand

Rh: Right Hand

Ce: Manifold With Shut Off

Xxx: Progressive Numbers To Identify Different Inlets,  
Bursting Disc Setting Pressures And Customizations

Ex: VSA1DLH001



Body:	Chromium plated brass
O-ring:	EPDM
Backup ring:	PTFE
Seat pad:	PA 6.6
Handwheel:	Black or Green Rubber

	mm	inches
x <sup>1</sup>	130	5,11
y <sup>1</sup>	168/178	6,61/7
	178/188	7/7,40
	188/198	7,40/7,79
	210/220	8,26/8,66
w <sup>1</sup>	81	3,18
z <sup>1</sup>	90	3,54

## ASSEMBLY SOLUTIONS

**Single CYLINDER  
Single OUTLET**



**Single CYLINDER  
Twin OUTLET**



**Twin CYLINDER  
Twin OUTLET**





**CAVAGNA group**

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**CAVAGNA GROUP SPA**

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