



HIGH PRESSURE EQUIPMENT

DIVISION

NAUTILUS SERIES

CAVAGNOLA GROUP

NAUTILUS SERIES

Single outlet with/without bursting disc
Second outlet

KEY FEATURES FOR ALL NAUTILUS SERIES

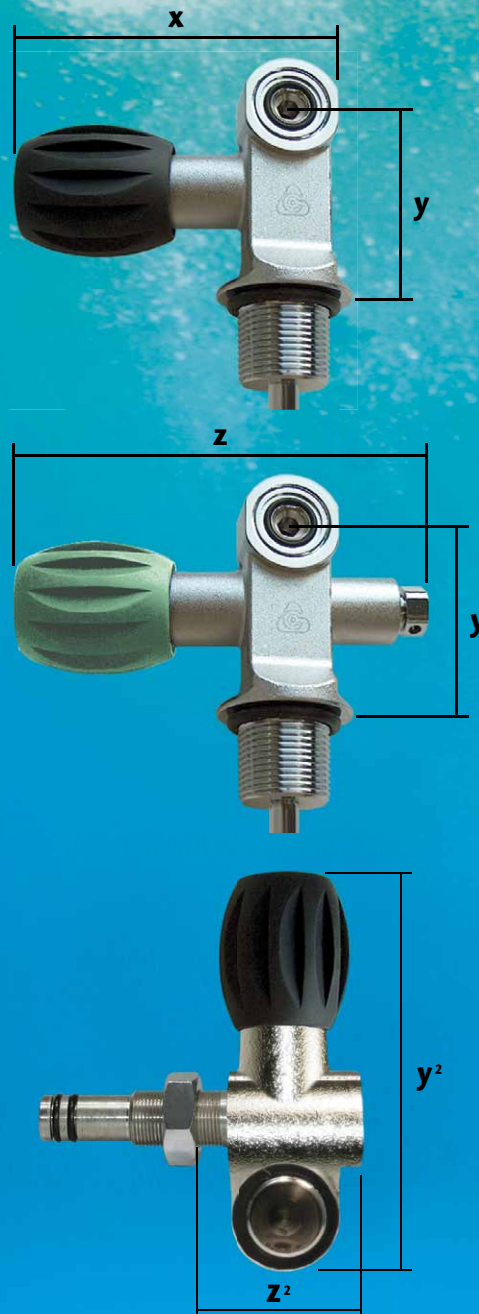
- Valves CE marked in accordance with the European Directive 97/23 EC
- (PED) complying the requirement of the EN 250 standard
- High quality chrome plated body with excellent resistance to salt spray test
- Safe and long life under all service conditions is guaranteed by the solid design and the quality of the materials of the internal components
- Large internal orifice ensure a high gas flow capacity
- Handwheel closing torque: 0,9 Nm @ 230 Bar
- Ergonomic Handwheel conceived to be manipulated also 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
- Working pressure: 230 or 300 bar
- Seat orifice 3,5 mm
- Helium leak rate: less than 10-3 mbar l/s
- 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 setting pressure of bursting disc are available
- Single packaged and cleaned for oxygen service

M A T E R I A L S	
Body:	Chrome plated brass
O-ring:	EPDM
Backup ring:	PTFE
Seat pad:	PA 6.6
Handwheel:	Black or Green Rubber with plastic insert

D I M E N S I O N S		
	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

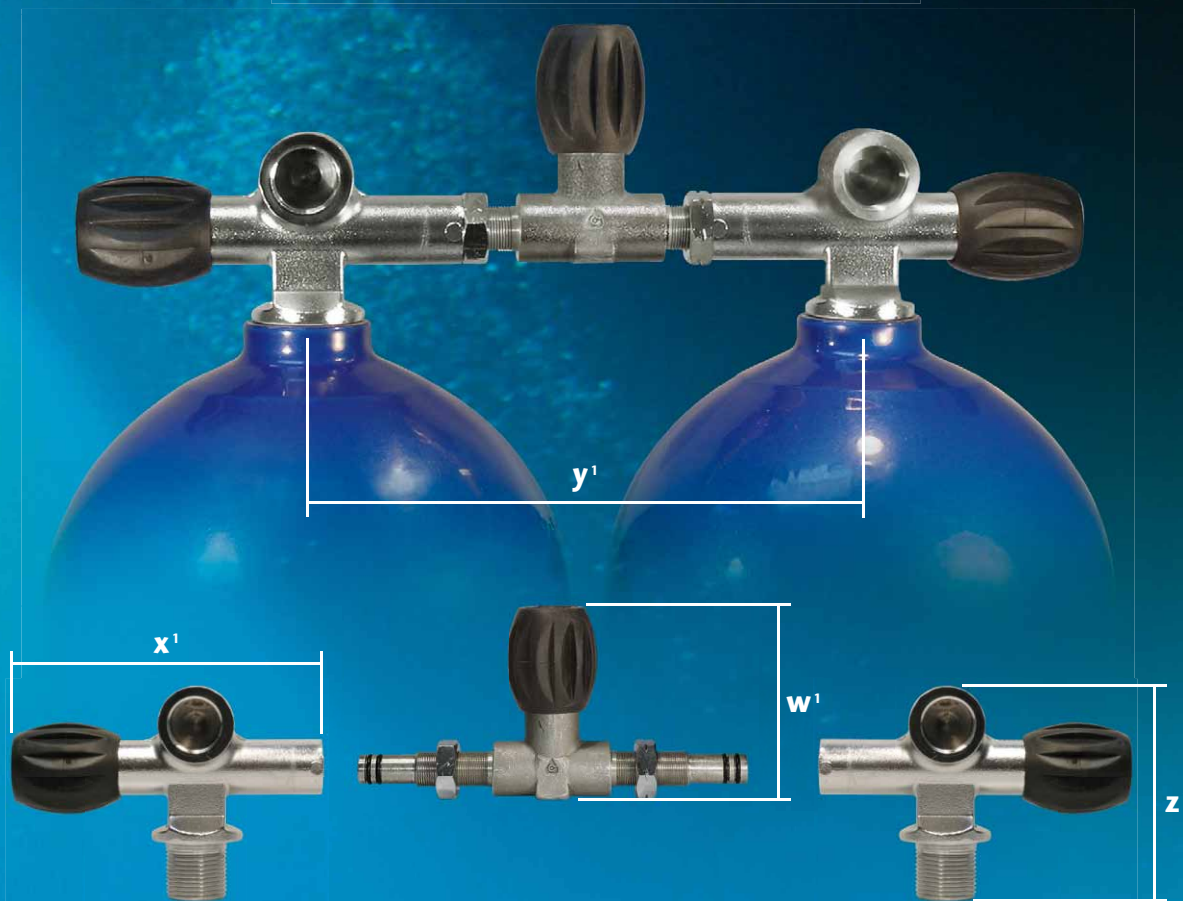
ORDERING INFORMATION

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



MATERIALS	
Body:	Chrome 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

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ASSEMBLY SOLUTIONS

*Single CYLINDER
Single OUTLET*



*Single CYLINDER
Twin OUTLET*



*Twin CYLINDER
Twin OUTLET*

