

## NITROGEN / ARGON

TECHNICAL INFORMATION	NITROGEN N <sup>2</sup>	ARGON AR
<b>Cylinder type</b>	<b>N 50</b>	<b>A 50</b>
Cylinder capacity (water) - liter <b>TYPICAL</b>	50,0	50,0
<b>WEIGHT / CYLINDER</b>		
Gross weight - kg (pounds) (cylinder with valve and cap)	91,9 (202,6)	98,3 (216,7)
Nominal tare weight - kg (pounds)	81,2 (179,0)	81,2 (179,0)
<b>NOMINAL CYLINDER DIMENSIONS</b>		
Diameter - mm	229	229
Height with cap - mm	1655	1655
Valve outlet connection	Whitworth 24,32 mm 1/14 RH - ext.	Whitworth 24,32 mm 1/14 RH - ext.
Valve type	Forged brass with nickel bursting disc	Forged brass with nickel bursting disc
Cylinder color	Green, RAL 6018	Gray, RAL 7023
Cylinder approvals	BS 5045 Part 1: 1976/1982 and either DOT 3AA/ICC 3AA/DOT E 10043 or UN/ISO 9809 -1, -2, -3	BS 5045 Part 1: 1976/1982 and either DOT 3AA/ICC 3AA/DOT E 10043 or UN/ISO 9809 -1, -2, -3
Cylinder re-test period	5 years or specific country requirement	5 years or specific country requirement
<b>CYLINDER PRODUCT CONTENT STANDARDS AT 15°C - 1 ATU</b>		
Cubic meters	9,3	10,3
Cubic feet	327,0	364,0
Kg (pounds)	10,7 (23,6)	17,1 (37,7)
<b>CYLINDER EQUILIBRIUM PRESSURE AFTER FILLING AT 15°C</b>		
Bar	196,0	196,0
PSIG	2843,0	2843,0
Kg / cm <sup>2</sup>	200,0	200,0
Cylinder test pressure at 15°C-BAR PSI	357,0 (5178,0)	357,0 (5178,0)

Some cylinders may vary from these norms. Refer to cylinder moulder stampings prior to refilling.