

## OXYGEN / ACETYLENE

TECHNICAL INFORMATION	WELDING OXYGEN O <sub>2</sub>		WELDING ACETYLENE C <sub>2</sub> H <sub>2</sub>	
	OX 40	OX 5	AC 40	AC 5
<b>Cylinder type</b>				
Cylinder capacity (water) - liter	40,0	5,0	40,0	5,0
<b>TYPICAL WEIGHT / CYLINDER</b>				
Gross weight - kg (pounds) (cylinder with valve and cap)	61,8 (136,2)	11,2 (24,6)	82,9 (182,8)	13,2 (29,0)
Nominal tare weight - kg (pounds)	53,5 (118,0)	9,2 (20,2)	-	-
Tare S (Acetylene only)	-	-	76,1 (167,8) tare	11,3 (25,0)
<b>NOMINAL CYLINDER DIMENSIONS</b>				
Diameter - mm	229	140	229	140
Height with cap - mm	1350	590	1350	590
Valve outlet connection	Whitworth 21,8 mm 1/14 RH - ext.		Whitworth 26,4 mm 1/14 RH- ext.	
Valve type	Forged brass with nickel bursting disc		Forged brass	
Cylinder color	Blue - RAL 5009		Maroon- RAL 3011	
Cylinder approvals	BS 5045-7 and DOT 3AA-2132 or UN/ISO 9809 -1, -2, -3		BS 5045 or BS 6061 with Porous Massing to UN/ISO 3807-2 or UN/ISO 9809-1 or -3	
Cylinder re-test period	5 years or specific country requirement		Visual inspection at each refill	
Acetone content - kg (pounds) (Acetylene cylinder)	-	-	12,5 (27,6)	1,6 (3,5)
<b>CYLINDER PRODUCT CONTENT STANDARDS AT 15°C - 1 ATU</b>				
Cubic meters	6,23	0,75	6,35	0,73
Cubic feet	220	26	220,0	26,0
Kg (pounds)	8,3 (18,2)	1,0 (2,2)	6,8 (15,0)	0,8 (1,8)
<b>CYLINDER EQUILIBRIUM PRESSURE AFTER FILLING AT 15°C</b>				
Bar	147,0	147,0	15,0	15,0
PSIG	2132,0	2132,0	218,0	218,0
Kg / cm <sup>2</sup>	150,0	150,0	15,3	15,3
Cylinder test pressure at 15°C-BAR PSI	250-263,0 (3815)	250-263,0 (3815)	60-75,0 (1088)	60-75,0 (1088)
Max. recommended continuous withdrawal rate per cylinder / per hour	N/A	N/A	1000	125

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