OXYGEN / ACETYLENE

TECHNICAL INFORMATION	WELDING OXYGEN O_2		WELDING ACETYLENE C_2H_2	
Cylinder type	**OX 40**	**OX 5**	**AC 40**	**AC 5**
Cylinder capacity (water) - liter	40,0	5,0	40,0	5,0
TYPICAL WEIGHT / CYLINDER				
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)
NOMINAL CYLINDER DIMENSIONS				
Diameter - mm	230	140	229	140
Height with cap - mm	1300	590	1355	590
Valve outlet connection	Whitworth 21,8 mm $1^1/_4$ RH ext.		Whitworth 26,4 mm $1^1/_4$ RH ext.	
Valve type	Forged brass with nickel bursting disc		Forged brass	
Cylinder color	Blue - RAL 5009		Maroon- RAL 3011	
Cylinder approvals	BS 5045 : part 1 : 1976 and DOT 3AA-2132		Porous massing to BS 6061	
Cylinder re-test period	5 years or specific country requirement		Inspected at each refill	
Acetone content - kg (pounds) (Acetylene cylinder)	-	-	12,5 (27,6)	1,6 (3,5)
CYLINDER PRODUCT CONTENT STANDARDS AT 15ºC - 1 ATU				
Cubic meters	6,23	0,75	6,35	0,73
Cubic feet	220,3	26,2	220,0	26,0
Kg (pounds)	8,3 (18,2)	1,0 (2,2)	6,8 (15,0)	0,8 (1,8)
CYLINDER EQUILIBRIUM PRESSURE AFTER FILLING AT 15ºC				
Bar	147,0	147,0	15,0	15,0
PSIG	2132,0	2132,0	218,0	218,0
Kg / cm^2	150,0	150,0	150,0	150,0
Cylinder test pressure at 15ºC-BAR PSI	263,0 (3815)	263,0 (3815)	75,0 (1088)	75,0 (1088)
Max. recommended continuous withdrawal rate per cylinder / per hour	N/A	N/A	N/A	N/A

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