

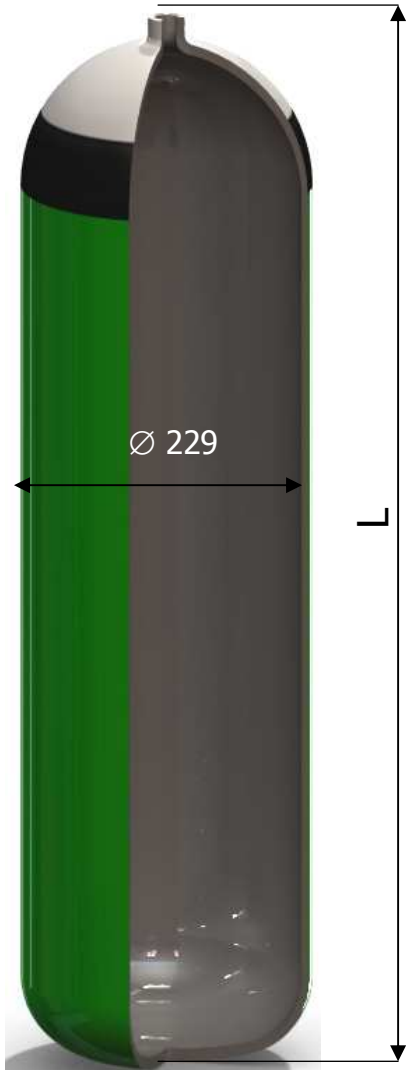
SCUBA STEEL CYLINDER

Ø 229x4,7 WP200 bar – TP300 bar

COMPLYING WITH 99/36/EC DIRECTIVE (T-PED)



ONLY FOR COMMERCIAL USE



Seamless Steel Refillable Cylinder for compressed air					
COMPLYING WITH 99/36/CE DIRECTIVE (T-PED)					
REFERENCE TECHNICAL STANDARD:		EN1964-1/ ISO 9809-1			
Water capacity [l] ^{-2,5%} / _{+2,5%}	15	17	18	20	
Nominal weight [Kg]	16	17	18	19	
Length L [mm] ±20	500	550	575	630	
MATERIAL: Seamless steel tube 34CrMo4 EN 10083-1					
MANUFACTURING DETAILS					
MANUFACTURING PROCESS: HOT SPINNING OF SEAMLESS STEEL TUBE					
HEAT TREATMENT: QUENCHING AND TEMPERING					
MECHANICAL PROPERTIES (min.)					
R _m [MPa]	R _e [MPa]	A ₅ [%]	KV IMPACT TEST AT -50 °C		[J/cm ²]
1000	860	14	average on 3 specimens		single value
HB= 280 ÷ 320			30	24	
DESIGN DATA					
NECK THREAD (Alternative thread according to Customer's requests):	Inl. thread	Ext. thread	Ø _e	Ø _i	h
	M25x2	-	42	-	≅ 25
MINIMUM EFFECTIVE THICKNESS for the cylindrical wall, net of tolerances: 4,7 mm					
Working Pressure: up to 200 bar		Test Pressure: up to 300 bar		Burst Pressure: ≥ 480 bar	
Working temperature: -50°C +65°C					
Hydrogen, Carbon Monoxide and gases incompatible and/or corroding cylinder steel are excluded					