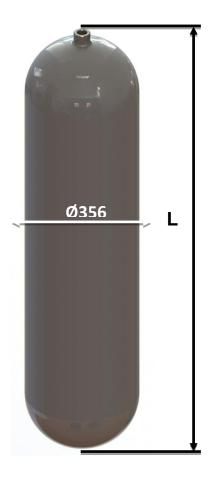


DATASHEET AB058

Seamless Steel Refillable Cylinder for compressed, mixed and liquefied gases

Ø 356x10,0 WP300bar – TP450bar



CYLINDER DIMENSION									
Water capacity [I] -2.5%	100	125	130	140	150	16	06	175	
All sizes from 100 to 175L are feasible for manufacturing.									
Nominal weight [Kg]	135	160	165	175	186	19	98	215	
Net weight of the cylinder with neckring (if present) without valve, fittings, paint etc.									
Length L mm ±20	1300	1585	1640	1755	1870	19	85	2160	
Dimension are in accordance with thread option n.1									
Neck Thread: - Alternative thread to Customer's requirement -									
Option	Internal thread		External thread		mm]				
1	25E ISO 11363-1			-			≈25		
2	1" NGT			-			≈35		
3	³¼" x 1/14 NGT			-			≈35		

DESIGN DATA							
Minimum design thickness of the	10.0 mm						
Working Pressure: up to 300 bar Hydrostatic Test Pressure: 450 bar		Burst Pressure: ≥ 720 barg					
Service temperature: -40°C +80 °C							
Use of cylinder for gases causing embrittlement and corrosion of the steel is forbidden. The gas contained in the cylinder must be in accordance with the standard ISO 11114-1.							
Chemical composition: Steel 34CrMo4 EN10083 part 1&3							
Manufacturing process: Hot spinning of seamless steel tube							
Heat treatment: Quenching (with polymer) and Tempering							
Paint: Highly durable polyester powder coating (unless otherwise specified minimum paint thickness >60µm)							

Certification Standard: ISO 9809-2								
Country of Approval	Europe	USA	Canada	Russian Federation				
Certification Availability	PED Approved in accordance with 2014/68/UE	Achievable on customer's request	Achievable on customer's request	Achievable on customer's request				

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