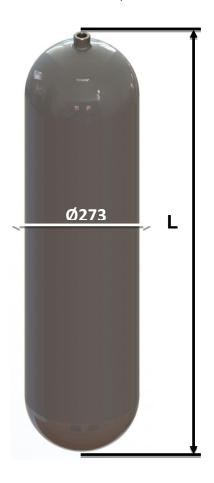


## DATASHEET AB057

Seamless Steel Refillable Cylinder for compressed, mixed and liquefied gases

## Ø 273x8.1 WP300bar – TP429bar



CYLINDER DIMENSION									
Water capacity [I] -2.5%	40	50	60	80	90	10	00	110	
All sizes from 40 to 110L are feasible for manufacturing.									
Nominal weight [Kg]	54	66	78	102	111	12	22	133	
Net weight of the cylinder with neckring (if present) without valve, fittings, paint etc.									
Length L mm ±20	870	1060	1260	1650	1850	20	40	2240	
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	'NGT			-			≈25	
3	3/4" NG	¼" NGT		-			≈2:	5	

DECION DATA							
DESIGN DATA							
Minimum design thickness of the	8.1 mm						
Working Pressure: up to 300 bar	Hydrostatic Test Pressure: 429 bar	Burst Pressure: ≥ 650 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: EN 13445								
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	EAC Approval <u>available</u> on customer's request				

**CMV SRL** 

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