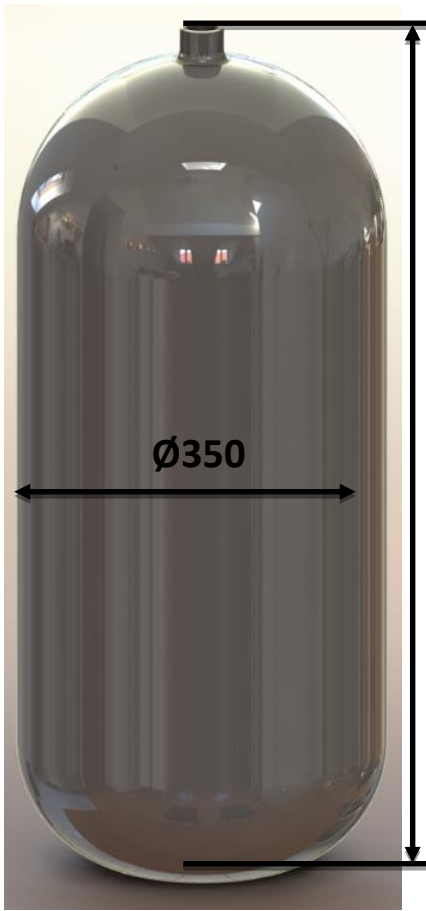


Seamless Steel Refillable Cylinder for compressed, mixed and liquefied gases Ø 350x7.7 WP200bar – TP300bar



CYLINDER DIMENSION							
Water capacity [l] -2,5% +2,5%	60	70	100	110	120	140	150
All sizes from 60 to 150L are feasible for manufacturing.							
Nominal weight [Kg]	64	74	98	106	115	129	136
Net weight of the cylinder with neckring (if present) without valve, fittings, paint etc.							
Length L mm ±20	815	930	1270	1380	1500	1720	1830
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	" NGT		-		≈25		
3	1/8 – 12UNF – 2B		-		≈25		

DESIGN DATA		
Minimum design thickness of the cylindrical wall:		7.7 mm
Working Pressure: up to 200 bar	Hydrostatic Test Pressure: 300 bar	Burst Pressure: ≥ 450 barg
Service temperature: -40°C +82°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 11439				
Country of Approval	Europe	USA	Canada	Russian Federation
Certification Availability	Approved CNG-1	Achievable on customer's request	Achievable on customer's request	EAC Approval <i>available</i> on customer's request