

DATASHEET AC025



Seamless Steel Refillable Cylinder for compressed, mixed and liquefied gases Ø 348x6.0 WP167barg – TP250barg

SNC	Water capacity $\left[I\right]_{+2,5\%}^{-2,5\%}$	60	80	100	120	140	150	All sizes from 60 to 150L are feasible for manufacturing
ENSI	Nominal weight [Kg]	70	80	94	111	126	133	Net weight of the cylinder with neckring (if present) without valve, fittings, paint etc.
DIM	Length L [mm] ±20	855	1085	1315	1545	1775	1890	Dimension are in accordance with thread option n.1

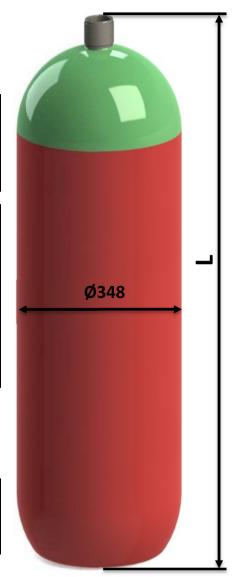
	Minimum design thickness of the cylindrical	wall:	6.0 mm					
	Working Pressure: up to 167 barg	Hydrostatic Test Pressure: 250 barg		arg Burst Pressure: ≥	Burst Pressure: ≥ 400 barg			
⋖	Service temperature: -50°C +65°C							
DAT	Use of cylinder for gases causing embrittlement and corrosion of the steel is forbidden.							
l NS	The gas contained in the cylinder must be in accordance with the standard ISO 11114-1.							
ESIC		Option	Internal thread	External thread	h [mm]			
	Neck Thread:	1	-	2.5"-12UN-2A	≈60			
	- Alternative thread to Customer's requirement -	2	-	M50x2	≈65			
		3	1" NGT	Neckring W80-1/11"	≈35			

Chemical composition: Steel 34CrMo4 EN10083 part 1&3 with restrictions in accordance with ISO9809-1 par.6

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 9809-1

Country of Approval	Europe	USA	Canada	Russian Federation
Certification Availability	TPED Approved in accordance with directive 2010/35/EU	Achievable on customer's request	Achievable on customer's request	EAC Approval <u>available</u> on customer's request



CF/PI IT02299680427 R.E.A. AN0176527

Email: info@cmv-srl.net
Web site: www.cmv-srl.net

60131 ANCONA (AN) – ITALY Phone +39.071.9882065 Fax +39.071.9201977 Manufacturing Plant: Via A. Volta n. 15 36010 – ZANE' (VI) – ITALY Phone +39.0445.314748 Fax +39.0445.314268