

## **DATASHEET AC053**



## Seamless Steel Refillable Cylinder for compressed, mixed and liquefied gases

Ø 348x7.1 WP200barg – TP300barg

NS	Water capacity [I] $^{-2,5\%}_{+2,5\%}$	60	70	80	100	120	140	150	All sizes from 60 to 150L are feasible for manufacturing
MENSIO	Nominal weight [Kg]	65	72	80	95	110	124	132	Net weight of the cylinder with neckring (if present) without valve, fittings, paint etc.
	Length L [mm] ±20	830	945	1060	1290	1520	1750	1865	Dimension are in accordance with thread option n.1

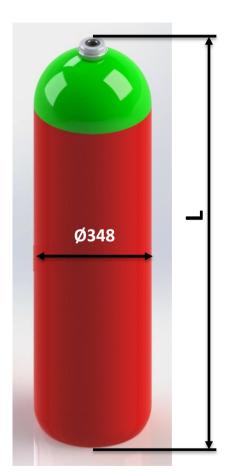
	Minimum design thickness of the cylindrical	wall:	7.1 mm					
	Working Pressure: up to 200 barg	Hydros	static Test Pressure: 300 ba	arg Burst Pressure: ≥	Burst Pressure: ≥ 480 barg			
⊴	Service temperature: -50°C +65°C							
DAT	Use of cylinder for gases causing embrittlement and corrosion of the steel is forbidden.							
N U	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	25E ISO11363-1	Neckring W80-1/11"	≈35			
	- Alternative thread to Customer's requirement -	2	-	2.5"-12UN-2A	≈60			
		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: <a href="mailto:info@cmv-srl.net">info@cmv-srl.net</a>
Web site: <a href="mailto:www.cmv-srl.net">www.cmv-srl.net</a>

Headquarters: Via A. Grandi 13/A 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