

## **DATASHEET AC073**

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

## Ø 320x6.6 WP200barg – TP300barg

S	Water capacity $\left[I\right]_{+2.5\%}^{-2.5\%}$	50	60	80	100	103	120	150	All sizes from 35 to 150L are feasible for manufacturing
MENSION	Nominal weight [Kg]	58	66	81	95	98	110	132	Net weight of the cylinder with neckring (if present) without valve, fittings, paint etc.
	Length L [mm] ±20	820	955	1225	1500	1540	1770	2175	Dimension are in accordance with thread option n.1

Minimum design thickness of the cyl	lindrical wall:	wall: <b>6.6 mm</b>						
Working Pressure: up to 200 barg	Hydro	static Test Pressure: 300 b	arg Burst Pressure: ≥	480 barg				
Service temperature: -50°C +65°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.								
The gas contained in the cylinder mu	Option	Internal thread	External thread	h [mm]				
Neck Thread:	1	25E ISO 11363-1	Neckring W80-1/11"	≈35				
- Alternative thread to Customer's requirem	nent - 2	1" NGT	Neckring W80-1/11"	≈35				
	3	-	2.5" – 12UN – 2A	≈60				

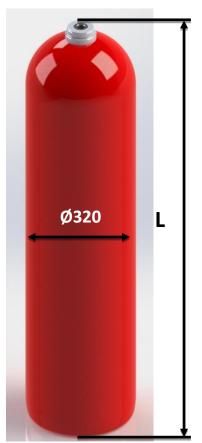
Chemical composition: Steel 34CrMo4 EN10083 part 1&3 with restrictions in accordance with ISO9809-1 par.6

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>

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