CMC DATASHEET AC084

Seamless Steel Refillable Cylinder for compressed, mixed and liquefied gases Ø 267x6.2 WP200bar – TP300bar

A	CYLINDER DIMENSION							
	Water capacity [I] ^{-2,5%}	25	30	40	50	80	90	100
	All sizes from 25 to 100L are feasible for manufacturing.							
	Nominal weight [Kg]	40	43	50	57	78	85	93
	Net weight of the cylinder with neckring (if present) without valve, fittings, paint etc.							
	Length L mm ±20	780	820	1005	1200	1785	1980	2175
	Dimension are in accordance with thread option n.1							
	Neck Thread: - Alternative thread to Customer's requirement -							
	Option	Internal thread		External thread			mm]	
	1			2,5"-12UN-2A			≈60	
	2	25E ISO11363-1			-			≈25
	3	1" NGT			Neckring W80-1/11"			≈35
		-			•			

DESIGN DATA								
Minimum design thickness of the cylindrical wall:		6.2 mm						
Working Pressure: up to 200 bar	Hydrostatic Test Pressure: 300 bar	Burst Pressure: ≥ 480 barg						
Service temperature: -50°C +65°C	Y	•						
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 with restrictions in accordance with ISO989-1 par.6								
Manufacturing process: Hot spinning of seamless steel tube								
Heat treatment: Quenching (with p	olymer) and Tempering							
Delete I light a such la sector a sec	der sesting (unless otherwise energified							

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			

CMV SRL C.F./ P.IVA IT02299680427 R.E.A. AN-176527 Email: <u>info@cmvcylinders.com</u> Web site: <u>www.cmvcylinders.com</u> Registered office: **CMV srl** Via A. Grandi 13/A 60131 Ancona (AN) – ITALY Ph. +39.071.9882065 | Fax +39.071.9201977 Manufacturing Plant: CMV Cylinders Endustry Sanayi Ve Tic. A.S. MOSB IV Kısım İsmail Kahraman Cad. No.5 45030 Yunusemre Manisa – Turchia Tel. +90.2362221001 | Fax +90.2365032436