



CILINDRO COMPUESTO PARA GLP 15KG



El **V15** es la nueva generación de Cilindros Compuestos Para GLP, comercializados y distribuidos por **VOLTA** para aplicaciones industriales.

Fabricado por **HEXÁGON - RAGASCO** líder mundial en la manufactura de Cilindros Compuestos para GLP Tipo 4, con mas de 20 Millones de recipientes operando en el mercado mundial.

DISEÑO Y FABRICACION:

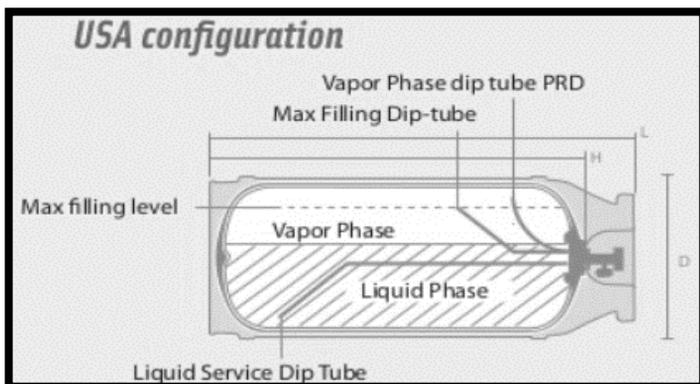
Los cilindros compuestos para glp, constan de 3 partes:

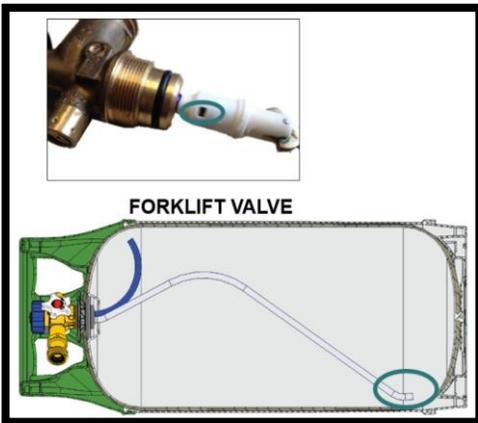
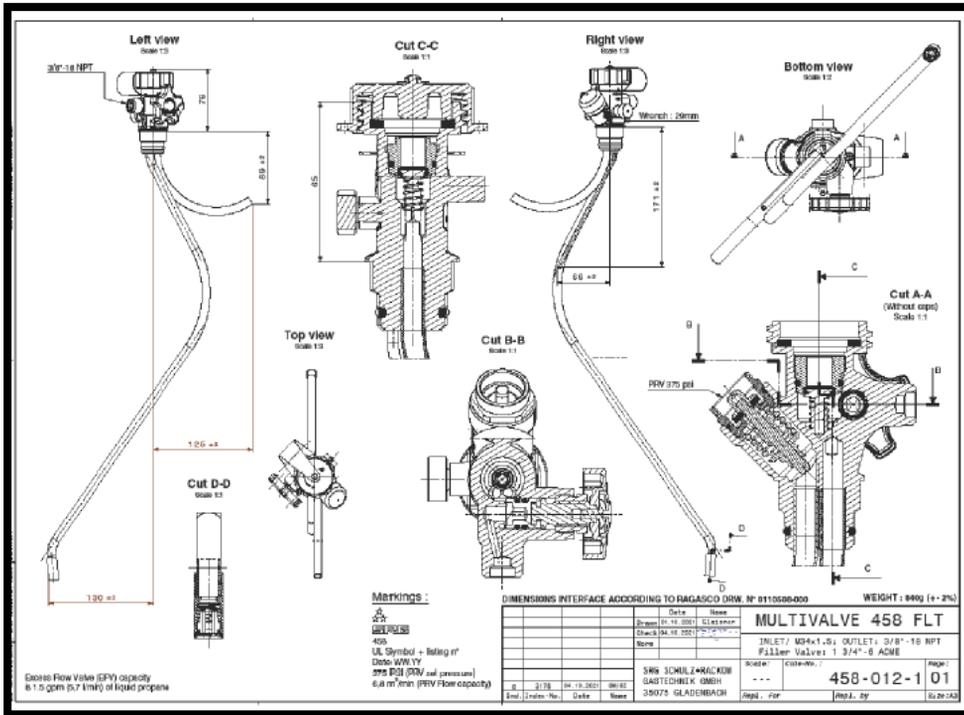
- ❑ Forro: PEAD (Poli-Etileno de Alta Densidad), moldeado por soplado.
- ❑ Capa compuesta: fibra de vidrio con resina, filamentos enrollados y curados en horno.
- ❑ Carcasa: PEAD (Poli-Etileno de Alta Densidad), parte inferior y superior, moldeado por inyección y montado mecánicamente.

Fabricado bajo un proceso totalmente automatizado.

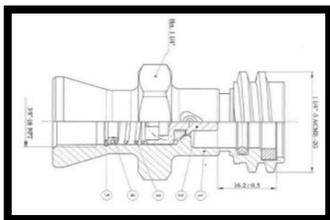


ESPECIFICACIONES TECNICAS	
MODELO - V15 - 33.5L	
CAPACIDAD DE PROPANO (KG)	14.0
CAPACIDAD DE BUTANO (KG)	16.5
PESO VACÍO (KG)	6.3
PESO TARA NOMINAL (KG)	7.40
CAPACIDAD DE AGUA (LTS)	33.5
DIÁMETRO (MM)	305
ALTURA (MM)	715
PRESIÓN DE TRABAJO (BAR)	20
PRESIÓN DE PRUEBA (BAR)	30
PRESIÓN DE RUPTURA (BAR)	60
PRESIÓN MÁXIMA DE RUPTURA (BAR)	150
NORMAS INTERNACIONALES	ISO-11119-3 / EN 12245





- Válvula para fase líquida tipo 458 (Fast Fill).
- Conexión del cilindro: M34x1,5 mm.
- Conexión de servicio: 1 1/4" – 5 ACME – 2G con adaptador.
- Conexión de llenado rápido: 1 3/4" -6 ACME
- PRD: 375 psi.





Maximum torque 120Nm

PLASTIC LINER (HDPE)

www.hexagonragasco.com

WARNING - THIS CYLINDER SHALL NOT BE USED FOR AIR, O₂ OR OXIDIZING GASES
WARNING - FILL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS

Valve: SRG 458-011-1001

MADE IN NORWAY - HECHO EN NORUEGA
FABRIQUÉ EN NORVÈGE

Classifications of Characteristics

Critical	<input checked="" type="checkbox"/>
Major [2D]	<input type="checkbox"/>

Tare weight (included valve) to be expressed to three significant figures rounded down to last digit. (x3)

Color: RAL 7000

Color: RAL 7000

Color: RAL 9002

Keyhole

PRELIMINARY

Pos	Ref.no
A,B	0110660-150
C	0110710-150
D	0110870-150
E	0111367-150
F,H	0110662-150
G	0111366-150
I-L	0110759-150
M	0110679-150
O	0110673-150
N,P	0110646-150

Serial number

Empty weight

See production order.
(Actual month of proof test during manufacturing)

See production order.
(Actual year of proof test during manufacturing)

Marked empty weight: 7,50KG
Actual empty weight:
MIN: 7,50KG
MAX: 7,90KG

Marked tare weight = Actual tare weight
Actual tare weight:
MIN: 8,30KG
MAX: 8,70KG

ELECTRONICAL SIGNATURES IN DOCUMENT CONTROL SYSTEM	Volta 33,5L FLT LPG Composite Cylinder	HEXAGON RAGASCO	Sheet No: 23 Scale: 1:3 Date: 06.01.2023 MR
Design: 06.01.2023 BOM: 0113203-900	File Path: 0114211 acc. drw. 0113300-000	Document No: 100778-000	Issue: .01

NB: Color is not exact. For exact color, see product specification and production order





Certificate

type approval
for manufacturing of
transportable pressure equipment

Certificate-No.: 01 202 322/B-120008-T

Applicant: Ragasco AS
Box 50, Raufoss Industry Park
2831 Raufoss
NORWAY

Manufacturer: see applicant

Applicable provisions and standards: Dir. 2010/35/EC, in compliance with ADR/RID 2011 and EN 12245:2002

Description of the type: Fully wrapped fibre reinforced composite cylinder with PE-liner for liquefied gases (LPG), test pressure 33 bar, capacity 12,5 to 33,5 litre, working temperature -40°C/+65°C

It is confirmed that the described type is in compliance with the requirements of the dir. 2010/35/EC.

Report-No.: This approval is based on the results of the type examination report. 01 202 555/B-120001-T, dated 18.04.2012

Drawing No.: 0110262

Validity: This approval is valid for a period not exceeding ten years. End of period: 04/2022

Halle, 20/04/2012

Signature: 
Dipl.-Ing. Stefan Brandt


0035

Notified body according to dir. 2010/35/EC and ADR/RID 2011, accredited according to EN ISO/IEC 17025 by DAkkS and ZLS.


Genau. Richtig.

www.tuv.com

January 05, 2022


U.S. Department of Transportation
Pipeline and Hazardous Materials Safety Administration

1200 New Jersey Avenue, NE
Washington, DC 20590

DOT-SP 12706
(FOURTEENTH REVISION)

EXPIRATION DATE: 2025-11-30

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Hexagon Ragasco AS
Raufoss, Norway

US AGENT: Hexagon Ragasco North America
Lincoln, NE

DNV·GL

**MANAGEMENT SYSTEM
CERTIFICATE**

Certificate No: 99-02-AG-4787 Initial certification date: 28 June 1993 Valid: 22 June 2020 - 22 June 2023

This is to certify that the management system of

Hexagon Ragasco AS
Raufoss Industriepark, 2830 Raufoss, Norway

has been found to conform to the Quality Management System standard:
ISO 9001:2015

This certificate is valid for the following scope:
Design and manufacturing of composite cylinders.

Place and date:
Havås, 17 June 2020


DNV GL - Business Assurance
Veritasveien 1, 1363 Havås, Norway


Jorunn Luskholten
Management Representative



Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.



U.S. Department
of Transportation