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## MEDIUM PRESSURE REGULATOR

Alfa 40 MP series, balanced direct acting regulation

### Product informations

**Alfa 40 MP** series regulator with balanced direct action equipped with external sensing line, suitable for the use of not corrosive gases as methane and LPG.

**Also available the version with minimum and maximum pressure shut-off valve downstream (sku 2452).**

REGULATOR STRUCTURE	
1	O-RING
2	O-RING
3	O-RING
4	BALANCING MEMBRANE
5	O-RING
6	O-RING
7	PILL
8	O-RING
9	O-RING
10	MEMBRANE



## Medium Pressure Regulator

<i>REGULATOR STRUCTURE</i>	
<b>A</b>	COMPLETE HEADER
<b>B</b>	FULL LEVERAGE
<b>C</b>	COMPLETE BLOCK
<b>D</b>	SHUTTER SEAT + O-RING
<b>E</b>	BOTTOM PLATE + O-RING + SCREWS
<b>F</b>	MEMBRANE PROTECTIVE PLATE
<b>G</b>	WHITE SPRING Ø 7 (SETTING 110 ÷ 320 MBAR)

## Technical Features

<i>FLOW RATE</i>	<i>SEE TABLE UNDERLYING</i>
<i>INLET CONNECTION</i>	DN 40
<i>OUTPUT CONNECTION</i>	DN 40
<i>INLET PRESSURE</i>	0,5 ÷ 5 BAR
<i>OUTPUT PRESSURE</i>	110 ÷ 320 MBAR
<i>STANDARD OUTPUT PRESSURE</i>	ON REQUEST
<i>WORKING TEMPERATURE</i>	- 20°C ÷ + 60°C
<i>EXTERNAL SENSING LINE</i>	Ø 10
<i>MATERIALS</i>	<ul style="list-style-type: none"> <li>• BODY: GS 400 CAST IRON</li> <li>• HEADER: DIE-CAST ALUMINIUM</li> <li>• SEAL: NITRILE RUBBER NBR OR HNBR</li> <li>• MEMBRANE: SANDWICH RUBBERIZED FABRIC</li> </ul>
<i>DIMENSIONS</i>	350 X 223 X 75 MM



## Medium Pressure Regulator

### FLOW RATE TABLE M<sup>3</sup>/H

#### INLET PRESSURE

0,5 BAR    1 BAR    1,5 BAR

0,11 BAR    207 M<sup>3</sup>/H    319 M<sup>3</sup>/H    414 M<sup>3</sup>/H

0,15 BAR    197 M<sup>3</sup>/H    315 M<sup>3</sup>/H    412 M<sup>3</sup>/H

0,20 BAR    186 M<sup>3</sup>/H    311 M<sup>3</sup>/H    409 M<sup>3</sup>/H

0,30 BAR    158 M<sup>3</sup>/H    300 M<sup>3</sup>/H    404 M<sup>3</sup>/H

#### OUTLET PRESSURE

*To obtain the LPG flow rates in kg/h, multiply the values in red by 1.42.*

SKU	MODEL	PRICE
00000002450	ALFA 40 MP SERIES REGULATOR - DN 40 - DN 40 CONNECTION	€1815.45 VAT EXCLUDED
00000002452	ALFA 40 MP SERIES REGULATOR - DN 40 - DN 40 CONNECTION - WITH BLOCK	€2294.25 VAT EXCLUDED

