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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>	
<i>A</i>	COMPLETE HEADER
<i>B</i>	FULL LEVERAGE
<i>C</i>	COMPLETE BLOCK
<i>D</i>	SHUTTER SEAT + O-RING
<i>E</i>	BOTTOM PLATE + O-RING + SCREWS
<i>F</i>	MEMBRANE PROTECTIVE PLATE
<i>G</i>	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"> • BODY: GS 400 CAST IRON • HEADER: DIE-CAST ALUMINIUM • SEAL: NITRILE RUBBER NBR OR HNBR • MEMBRANE: SANDWICH RUBBERIZED FABRIC
<i>DIMENSIONS</i>	350 X 223 X 75 MM



Medium Pressure Regulator

FLOW RATE TABLE M³/H

INLET PRESSURE

0,5 BAR 1 BAR 1,5 BAR

0,11 BAR 207 M³/H 319 M³/H 414 M³/H

0,15 BAR 197 M³/H 315 M³/H 412 M³/H

0,20 BAR 186 M³/H 311 M³/H 409 M³/H

0,30 BAR 158 M³/H 300 M³/H 404 M³/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	€1906.25 VAT EXCLUDED
00000002452	ALFA 40 MP SERIES REGULATOR - DN 40 - DN 40 CONNECTION - WITH BLOCK	€2409.0 VAT EXCLUDED

