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MEDIUM PRESSURE REGULATOR

Alfa 50 MP series, balanced direct acting regulation

Product informations

Alfa 50 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 2588).

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



Medium Pressure Regulator

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

Technical Features

<i>FLOW RATE</i>	<i>SEE TABLE UNDERLYING</i>
<i>INLET CONNECTION</i>	DN 50
<i>OUTPUT CONNECTION</i>	DN 50
<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>	• BODY: GS 400 CAST IRON • HEADER: DIE-CAST ALUMINIUM • SEAL: NITRILE RUBBER NBR OR HNBR • MEMBRANE: SANDWICH RUBBERIZED FABRIC
<i>DIMENSIONS</i>	350 X 254 X 82 MM



Medium Pressure Regulator

FLOW RATE TABLE M³/H

INLET PRESSURE

0,5 BAR 1 BAR 1,5 BAR

0,11 BAR 323 M³/H 499 M³/H 647 M³/H

0,15 BAR 308 M³/H 492 M³/H 644 M³/H

0,20 BAR 291 M³/H 485 M³/H 640 M³/H

0,30 BAR 248 M³/H 469 M³/H 631 M³/H

OUTLET PRESSURE

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

SKU	MODEL	PRICE
00000002586	ALFA 50 MP SERIES REGULATOR - DN 50 - DN 50 CONNECTION	€2157.6 VAT EXCLUDED
00000002588	ALFA 50 MP SERIES REGULATOR - DN 50 - DN 50 CONNECTION - WITH BLOCK	€2660.35 VAT EXCLUDED

