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## MEDIUM PRESSURE REGULATOR

Alfa 20 MP series, balanced direct action regulation

### Product informations

**Alfa 20 MP** series regulator with balanced direct action, equipped with external sensing line and safety relief valve; 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 2428).**

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



## Medium Pressure Regulator

<i>REGULATOR STRUCTURE</i>	
<i>11</i>	PILL
<i>12</i>	LIP RING
<i>13</i>	BALANCING MEMBRANE
<i>A</i>	PLASTIC CAP + O-RING
<i>B</i>	COMPLETE HEADER
<i>C</i>	FULL LEVERAGE
<i>D</i>	COMPLETE BLOCK
<i>E</i>	SHUTTER SEAT + O-RING
<i>F</i>	BOTTOM PLATE + O-RING + SCREWS
<i>G</i>	MEMBRANE PROTECTIVE PLATE
<i>H</i>	<ul style="list-style-type: none"> <li>• BLUE SPRING Ø 2,5 (<i>SETTING 95 ÷ 130 MBAR</i>)</li> <li>• ORANGE SPRING Ø 3 (<i>SETTING 130 ÷ 220 MBAR</i>)</li> <li>• BROWN SPRING Ø 3,5 (<i>SETTING 200 ÷ 300 MBAR</i>)</li> <li>• PURPLE SPRING Ø 3,5 (<i>SETTING 260 ÷ 450 MBAR</i>)</li> </ul>
<i>I</i>	ADJUSTMENT FERRULE

## Technical Features

<i>FLOW RATE</i>	<i>SEE TABLE UNDERLYING</i>
<i>INLET CONNECTION</i>	1"
<i>OUTPUT CONNECTION</i>	1" 1/2
<i>INLET PRESSURE</i>	0,5 ÷ 5 BAR
<i>OUTPUT PRESSURE</i>	95 ÷ 450 MBAR



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<b>STANDARD OUTPUT PRESSURE</b>	<b>ON REQUEST</b>
<b>WORKING TEMPERATURE</b>	- 20°C ÷ + 60°C
<b>EXTERNAL SENSING LINE</b>	Ø 10
<b>MATERIALS</b>	<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>
<b>DIMENSIONS</b>	180 X 130 X 50 MM

<b>FLOW RATE TABLE M<sup>3</sup>/H</b>	<b>INLET PRESSURE</b>		
	0,5 BAR	1 BAR	1,5 BAR
<b>0,11 BAR</b>	86 M <sup>3</sup> /H	152 M <sup>3</sup> /H	193 M <sup>3</sup> /H
<b>0,15 BAR</b>	78 M <sup>3</sup> /H	146 M <sup>3</sup> /H	191 M <sup>3</sup> /H
<b>0,20 BAR</b>	65 M <sup>3</sup> /H	138 M <sup>3</sup> /H	188 M <sup>3</sup> /H
<b>0,30 BAR</b>	-	96 M <sup>3</sup> /H	182 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
00000002426	ALFA 20 MP SERIES REGULATOR - 1"X1" 1/2 CONNECTION	€608.0 VAT EXCLUDED
00000002428	ALFA 20 MP SERIES REGULATOR - 1"X1" 1/2 CONNECTION - WITH BLOCK	€969.0 VAT EXCLUDED



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