



Catalogues and Products > Heating > Methane/lpg Regulators for Civil - Industrial Applications > **High Pressure Regulator**

HIGH PRESSURE REGULATOR

Alfa 40 AP series, with balanced direct action regulation

Product informations

Alfa 40 AP 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 2456).

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



High 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	<ul style="list-style-type: none"> • WHITE SPRING Ø 7 (<i>SETTING 0,3 ÷ 0,75 BAR</i>) • GREEN SPRING Ø 7,5 (<i>SETTING 0,58 ÷ 0,9 BAR</i>) • BLACK SPRING Ø 8 (<i>SETTING 0,85 ÷ 1,25 BAR</i>) • GREY SPRING Ø 9 (<i>SETTING 1,1 ÷ 2 BAR</i>) • PURPLE SPRING Ø 10 (<i>SETTING 1,85 ÷ 4 BAR</i>)

Technical Features

FLOW RATE	<i>SEE TABLE UNDERLYING</i>
INLET CONNECTION	DN 40
OUTPUT CONNECTION	DN 40
INLET PRESSURE	MAX 18 BAR
OUTPUT PRESSURE	0,31 ÷ 4 BAR
STANDARD OUTPUT PRESSURE	ON REQUEST
WORKING TEMPERATURE	- 20°C ÷ + 60°C
MATERIALS	<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



High Pressure Regulator

DIMENSIONS	350 X 223 X 75 MM
-------------------	-------------------

FLOW RATE TABLE M³/H	INLET PRESSURE			
	3 BAR	4 BAR	5 BAR	8 BAR
OUTLET PRESSURE				
0,5 BAR	670 M ³ /H	841 M ³ /H	1009 M ³ /H	1017 M ³ /H
1 BAR	651 M ³ /H	834 M ³ /H	1008 M ³ /H	1357 M ³ /H
1,5 BAR	611 M ³ /H	814 M ³ /H	998 M ³ /H	1514 M ³ /H
2 BAR	540 M ³ /H	777 M ³ /H	977 M ³ /H	1513 M ³ /H
3 BAR	-	622 M ³ /H	888 M ³ /H	1489 M ³ /H
4 BAR	-	-	696 M ³ /H	1433 M ³ /H

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

SKU	MODEL	PRICE
00000002454	ALFA 40 AP SERIES REGULATOR - DN 40 - DN 40 CONNECTION	€1815.45 VAT EXCLUDED
00000002456	ALFA 40 AP SERIES REGULATOR - DN 40 - DN 40 CONNECTION - WITH BLOCK	€2314.2 VAT EXCLUDED



High Pressure Regulator

