HIGH PRESSURE REGULATOR

Alfa 10 AP series, with direct action regulation

Product informations

Alfa 10 AP series regulator with direct action, equipped with internal 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 2420).

REGULATOR STRUCTURE	
1	O-RING
2	O-RING
3	O-RING
4	O-RING
5	O-RING
6	O-RING
7	MEMBRANE
8	PILL
A	PLASTIC CAP + O-RING
B	COMPLETE HEADER
C	FULL LEVERAGE
D	COMPLETE BLOCK

TECNOGAS
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REGULATOR STRUCTURE	
E	SHUTTER SEAT + O-RING
F	BOTTOM PLATE + O-RING + SCREWS
G	MEMBRANE PROTECTIVE PLATE
H	• PURPLE SPRING Ø 3,5 (***SETTING 0,29 ÷ 0,44 BAR***) • WHITE SPRING Ø 4 (***SETTING 0,38 ÷ 0,6 BAR***) • GREEN SPRING Ø 4,5 (***SETTING 0,56 ÷ 0,88 BAR***) • BLACK SPRING Ø 5 (***SETTING 0,8 ÷ 1,3 BAR***) • GREY SPRING Ø 5,5 (***SETTING 1 ÷ 2,1 BAR***)
I	ADJUSTMENT FERRULE

Technical Features

FLOW RATE	*SEE TABLE UNDERLYING*
INLET CONNECTION	1"
OUTPUT CONNECTION	1"
INLET PRESSURE	MAX 18 BAR
OUTPUT PRESSURE	0,29 ÷ 2,1 BAR
STANDARD OUTPUT PRESSURE	**ON REQUEST**
WORKING TEMPERATURE	- 20°C ÷ + 60°C
MATERIALS	• BODY: GS 400 CAST IRON • HEADER: DIE-CAST ALUMINIUM • SEAL: NITRILE RUBBER NBR OR HNBR • MEMBRANE: SANDWICH RUBBERIZED FABRIC
DIMENSIONS	180 X 100 X 50 MM

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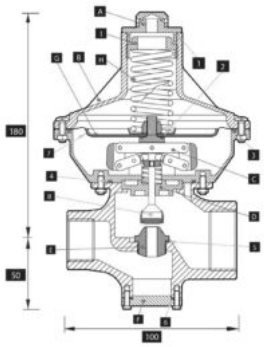
High Pressure Regulator

FLOW RATE TABLE M3/H		INLET PRESSURE			
		3 BAR	4 BAR	5 BAR	8 BAR
OUTLET PRESSURE	0,35 BAR	127 M^3/H	172 M^3/H	215 M^3/H	258 M^3/H
	0,5 BAR	125 M^3/H	171 M^3/H	215 M^3/H	258 M^3/H
	0,7 BAR	121 M^3/H	170 M^3/H	215 M^3/H	258 M^3/H
	1 BAR	113 M^3/H	167 M^3/H	213 M^3/H	258 M^3/H
	1,5 BAR	89 M^3/H	156 M^3/H	208 M^3/H	255 M^3/H
	2 BAR	-	138 M^3/H	199 M^3/H	250 M^3/H

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

SKU	MODEL	PRICE
00000002418	ALFA 10 AP SERIES REGULATOR - 1"X1" CONNECTION	€544.65 VAT EXCLUDED
00000002420	ALFA 10 AP SERIES REGULATOR -1"X1" CONNECTION - WITH BLOCK	€984.55 VAT EXCLUDED





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