HIGH PRESSURE REGULATOR

Alfa 20 AP series, direct action regulation

Product informations

Alfa 20 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 2432).

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

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REGULATOR STRUCTURE	
A	PLASTIC CAP + O-RING
B	COMPLETE HEADER
C	FULL LEVERAGE
D	COMPLETE BLOCK
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" 1/2
INLET PRESSURE	MAX 18 BAR
OUTPUT PRESSURE	0,29 ÷ 2,1 BAR
STANDARD OUTPUT PRESSURE	**ON REQUEST**
WORKING TEMPERATURE	- 20°C ÷ + 60°C

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High Pressure Regulator

MATERIALS	• BODY: GS 400 CAST IRON • HEADER: DIE-CAST ALUMINIUM • SEAL: NITRILE RUBBER NBR OR HNBR • MEMBRANE: SANDWICH RUBBERIZED FABRIC
DIMENSIONS	180 X 130 X 50 MM

FLOW RATE TABLE M^3/H		*INLET PRESSURE*			
		3 BAR	4 **BAR**	5 **BAR**	8 **BAR**
OUTLET PRESSURE	0,35 BAR	238 M^3/H	323 M^3/H	405 M^3/H	485 M^3/H
	0,5 BAR	235 M^3/H	322 M^3/H	404 M^3/H	485 M^3/H
	0,7 BAR	228 M^3/H	319 M^3/H	403 M^3/H	486 M^3/H
	1 BAR	213 M^3/H	313 M^3/H	401 M^3/H	485 M^3/H
	1,5 BAR	167 M^3/H	294 M^3/H	329 M^3/H	480 M^3/H
	2 BAR	-	260 M^3/H	374 M^3/H	470 M^3/H

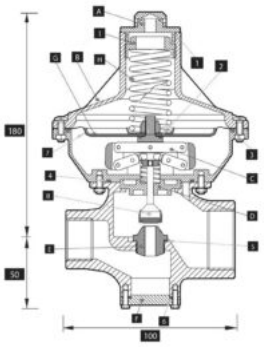
To obtain the LPG flow rates in kg/h, multiply the values in red by 1.42.

SKU	MODEL	PRICE
00000002430	ALFA 20 AP SERIES REGULATOR - 1"X1" 1/2 CONNECTION	€607.5 VAT EXCLUDED
00000002432	ALFA 20 AP SERIES REGULATOR - 1"X1" 1/2 CONNECTION - WITH BLOCK	€1047.4 VAT EXCLUDED

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