LOW PRESSURE REGULATOR

Alfa 30 BP series, with balanced direct action regulation

Product informations

Alfa 30 BP 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 2436).

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

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REGULATOR STRUCTURE	
11	PILL
12	LIP RING
13	BALANCING MEMBRANE
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	• RED SPRING Ø 2 (***SETTING 30 ÷ 43 MBAR***) • YELLOW SPRING Ø 2,2 (***SETTING 42 ÷ 72 MBAR***) • BLUE SPRING Ø 2,5 (***SETTING 70 ÷ 110 MBAR***)
I	ADJUSTMENT FERRULE

Technical Features

FLOW RATE	*SEE TABLE UNDERLYING*
INLET CONNECTION	DN 25
OUTPUT CONNECTION	DN 40
INLET PRESSURE	0,5 ÷ 5 BAR
OUTPUT PRESSURE	16 ÷ 110 MBAR
STANDARD OUTPUT PRESSURE	**ON REQUEST**
WORKING TEMPERATURE	- 20°C ÷ + 60°C

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EXTERNAL SENSING LINE	Ø 10
MATERIALS	• BODY: GS 400 CAST IRON • HEADER: DIE-CAST ALUMINIUM • SEAL: NITRILE RUBBER NBR OR HNBR • MEMBRANE: SANDWICH RUBBERIZED FABRIC
DIMENSIONS	180 X 180 X 76 MM

FLOW RATE TABLE M^3/H		*INLET PRESSURE*			
		0,3 BAR	0,5 BAR	0,8 BAR	1 BAR
OUTLET PRESSURE	25 MBAR	66 M^3/H	83 M^3/H	109 M^3/H	162 M^3/H
	35 MBAR	64 M^3/H	81 M^3/H	108 M^3/H	162 M^3/H
	50 MBAR	62 M^3/H	80 M^3/H	107 M^3/H	161 M^3/H
	100 MBAR	52 M^3/H	73 M^3/H	104 M^3/H	158 M^3/H

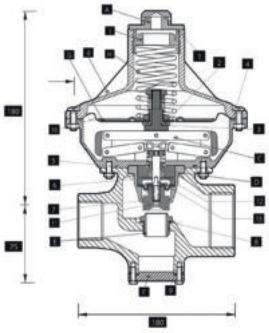
To obtain the LPG flow rates in kg/h, multiply the values in red by 1.42.

SKU	MODEL	PRICE
00000002434	ALFA 30 BP SERIES REGULATOR - DN 25 - DN 20 CONNECTION	**€733.2 VAT EXCLUDED**
00000002436	ALFA 30 BP SERIES REGULATOR - DN 25 - DN 20 CONNECTION - WITH BLOCK	**€1131.2 VAT EXCLUDED**

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