LOW PRESSURE REGULATOR

Alfa 20 BP series, with balanced direct action regulation

Product informations

Alfa 20 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 2424).

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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Via Marco Polo 33
35020 Albignasego
Padova – Italy

P.IVA: 03859580288
Tel: +39 049 8625910
Mail: info@tecnogas.net

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	1"
OUTPUT CONNECTION	1" 1/2
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 130 X 50 MM

FLOW RATE TABLE M^3/H		*INLET PRESSURE*			
		0,3 BAR	0,5 BAR	0,8 BAR	1 BAR
OUTLET PRESSURE	25 MBAR	62 M^3/H	78 M^3/H	102 M^3/H	152 M^3/H
	35 MBAR	60 M^3/H	77 M^3/H	101 M^3/H	151 M^3/H
	50 MBAR	58 M^3/H	75 M^3/H	100 M^3/H	151 M^3/H
	100 MBAR	49 M^3/H	69 M^3/H	97 M^3/H	150 M^3/H

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

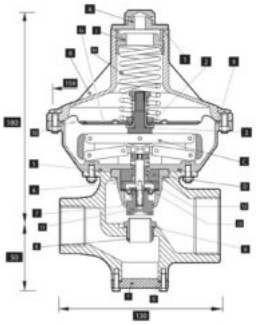
SKU	MODEL	PRICE
00000002422	ALFA 20 BP SERIES REGULATOR - 1"X1" CONNECTION	**€670.35 VAT EXCLUDED**
00000002424	ALFA 20 BP SERIES REGULATOR - 1"X1" CONNECTION - WITH BLOCK	**€1068.35 VAT EXCLUDED**

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