MEDIUM PRESSURE REGULATOR

Alfa 20 MP series, balanced direct action regulation

Product informations

Alfa 20 MP 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 2428).

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	• BLUE SPRING Ø 2,5 (***SETTING 95 ÷ 130 MBAR***) • ORANGE SPRING Ø 3 (***SETTING 130 ÷ 220 MBAR***) • BROWN SPRING Ø 3,5 (***SETTING 200 ÷ 300 MBAR***) • PURPLE SPRING Ø 3,5 (***SETTING 260 ÷ 450 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	95 ÷ 450 MBAR

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STANDARD OUTPUT PRESSURE	ON REQUEST
WORKING TEMPERATURE	- 20°C ÷ + 60°C
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*		
		0,5 BAR	1 BAR	1,5 BAR
OUTLET PRESSURE	0,11 BAR	86 M^3/H	152 M^3/H	193 M^3/H
	0,15 BAR	78 M^3/H	146 M^3/H	191 M^3/H
	0,20 BAR	65 M^3/H	138 M^3/H	188 M^3/H
	0,30 BAR	-	96 M^3/H	182 M^3/H

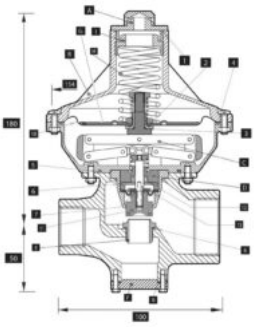
To obtain the LPG flow rates in kg/h, multiply the values in red by 1.42.

SKU	MODEL	PRICE
00000002426	ALFA 20 MP SERIES REGULATOR - 1"X1" 1/2 CONNECTION	€670.35 VAT EXCLUDED
00000002428	ALFA 20 MP SERIES REGULATOR - 1"X1" 1/2 CONNECTION - WITH BLOCK	€1068.35 VAT EXCLUDED

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