MEDIUM PRESSURE REGULATOR

Alfa 50 MP series, balanced direct acting regulation

Product informations

Alfa 50 MP series regulator with balanced direct action equipped with external 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 2588).

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

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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	
10	MEMBRANE
A	COMPLETE HEADER
B	FULL LEVERAGE
C	COMPLETE BLOCK
D	SHUTTER SEAT + O-RING
E	BOTTOM PLATE + O-RING + SCREWS
F	MEMBRANE PROTECTIVE PLATE
G	WHITE SPRING Ø 7 (***SETTING 110 ÷ 320 MBAR***)

Technical Features

FLOW RATE	*SEE TABLE UNDERLYING*
INLET CONNECTION	DN 50
OUTPUT CONNECTION	DN 50
INLET PRESSURE	0,5 ÷ 5 BAR
OUTPUT PRESSURE	110 ÷ 320 MBAR
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	350 X 254 X 82 MM

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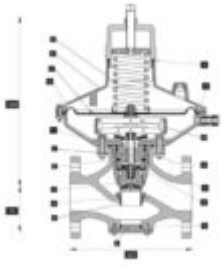
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Medium Pressure Regulator

FLOW RATE TABLE M^3/H		INLET PRESSURE		
		0,5 BAR	1 BAR	1,5 BAR
OUTLET PRESSURE	0,11 BAR	323 M^3/H	499 M^3/H	647 M^3/H
	0,15 BAR	308 M^3/H	492 M^3/H	644 M^3/H
	0,20 BAR	291 M^3/H	485 M^3/H	640 M^3/H
	0,30 BAR	248 M^3/H	469 M^3/H	631 M^3/H

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

SKU	MODEL	PRICE
00000002586	ALFA 50 MP SERIES REGULATOR - DN 50 - DN 50 CONNECTION	€2157.6 VAT EXCLUDED
00000002588	ALFA 50 MP SERIES REGULATOR - DN 50 - DN 50 CONNECTION - WITH BLOCK	€2660.35 VAT EXCLUDED



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