HIGHT PRESSURE REGULATOR

Alfa 31 AP series, direct action regulation

Product informations

Alfa 31 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 2444).

REGULATOR STRUCTURE	
1	O-RING
2	O-RING
3	O-RING
4	O-RING
5	O-RING
6	O-RING
7	MEMBRANE
8	PILL
A	PLASTIC CAP + O-RING
B	COMPLETE HEADER

Via Marco Polo 33
35020 Albignasego
Padova – Italy

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

REGULATOR STRUCTURE	
C	FULL LEVERAGE
D	COMPLETE BLOCK
E	SHUTTER SEAT + O-RING
F	BOTTOM PLATE + O-RING + SCREWS
G	MEMBRANE PROTECTIVE PLATE
H	• GREEN SPRING Ø 4,5 (***SETTING 0,69 ÷ 1 BAR***) • BLACK SPRING Ø 5 (***SETTING 1 ÷ 1,5 BAR***) • GREY SPRING Ø 5,5 (***SETTING 1,4 ÷ 2,1 BAR***)
I	ADJUSTMENT FERRULE

Technical Features

FLOW RATE	*SEE TABLE UNDERLYING*
INLET CONNECTION	DN 25
OUTPUT CONNECTION	DN 40
INLET PRESSURE	MAX 18 BAR
OUTPUT PRESSURE	0,3 ÷ 2 BAR (4 BAR TR MODEL)
STANDARD OUTPUT PRESSURE	**ON REQUEST**
WORKING TEMPERATURE	- 20°C ÷ + 60°C
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 50 MM

TECNOGAS
I percorsi della tecnologia.

Via Marco Polo 33
35020 Albignasego
Padova – Italy

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

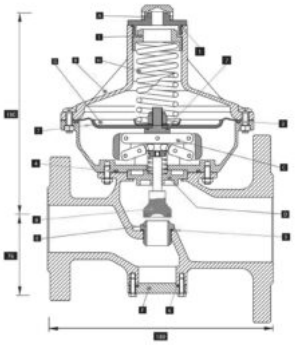
Hight Pressure Regulator

FLOW RATE TABLE M^3/H		INLET PRESSURE			
		3 BAR	4 BAR	5 BAR	8 BAR
OUTLET PRESSURE	0,35 BAR	333 M^3/H	451 M^3/H	565 M^3/H	676 M^3/H
	0,5 BAR	328 M^3/H	450 M^3/H	565 M^3/H	677 M^3/H
	0,7 BAR	319 M^3/H	446 M^3/H	564 M^3/H	678 M^3/H
	1 BAR	289 M^3/H	437 M^3/H	560 M^3/H	677 M^3/H
	1,5 BAR	233 M^3/H	411 M^3/H	547 M^3/H	671 M^3/H
	2 BAR	-	363 M^3/H	522 M^3/H	656 M^3/H

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

SKU	MODEL	PRICE
00000002442	ALFA 31 AP SERIES REGULATOR - DN 25 - DN 40 CONNECTION	€691.3 VAT EXCLUDED
00000002444	ALFA 31 AP SERIES REGULATOR - DN 25 - DN 40 CONNECTION - WITH BLOCK	€1131.2 VAT EXCLUDED





Via Marco Polo 33
35020 Albignasego
Padova – Italy

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