HIGH PRESSURE REGULATOR

Alfa 50 AP series, with balanced direct action regulation

Product informations

Alfa 50 AP series regulator with balanced direct action, 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 2591).

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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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 0,3 ÷ 0,75 BAR***) • GREEN SPRING Ø 7,5 (***SETTING 0,58 ÷ 0,9 BAR***) • BLACK SPRING Ø 8 (***SETTING 0,85 ÷ 1,25 BAR***) • GREY SPRING Ø 9 (***SETTING 1,1 ÷ 2 BAR***) • PURPLE SPRING Ø 10 (***SETTING 1,85 ÷ 4 BAR***)

Technical Features

FLOW RATE	*SEE TABLE UNDERLYING*
INLET CONNECTION	DN 50
OUTPUT CONNECTION	DN 40
INLET PRESSURE	MAX 18 BAR
OUTPUT PRESSURE	0,31 ÷ 4 BAR
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

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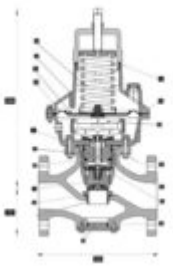
High Pressure Regulator

DIMENSIONS	350 X 254 X 82 MM

FLOW RATE TABLE M^3/H		*INLET PRESSURE*			
		3 BAR	4 BAR	5 BAR	8 BAR
OUTLET PRESSURE	0,5 BAR	1046 M^3/H	1314 M^3/H	1576 M^3/H	1590 M^3/H
	1 BAR	1018 M^3/H	1304 M^3/H	1576 M^3/H	2120 M^3/H
	1,5 BAR	956 M^3/H	1272 M^3/H	1560 M^3/H	2366 M^3/H
	2 BAR	844 M^3/H	1214 M^3/H	1527 M^3/H	2364 M^3/H
	3 BAR	-	973 M^3/H	1388 M^3/H	2337 M^3/H
	4 BAR	-	-	1087 M^3/H	2240 M^3/H

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

SKU	MODEL	PRICE
00000002590	ALFA 50 AP SERIES REGULATOR - DN 50 - DN 50 CONNECTION	€2157.6 VAT EXCLUDED
00000002591	ALFA 50 AP SERIES REGULATOR - DN 50 - DN 50 CONNECTION - WITH BLOCK	€2681.3 VAT EXCLUDED



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