HIGH, MEDIUM AND LOW PRESSURE REGULATORS

Alfa 100 series, with balanced direct action regulation

Product informations

Alfa 100 series regulators balanced direct action, equipped with external sensing line, suitable for the use of not corrosive gases as methane and LPG. *Available complete with minimum and maximum pressure block valve downstream.*

Also available the minimum and maximum pressure shut-off valve (*sku 2645*).

Technical Features

FLOW RATE	***SEE TABLE UNDERLYING***
INLET CONNECTION	DN 100
OUTPUT CONNECTION	DN 100
INLET PRESSURE	• *BP MODELS* 0.5 ÷ 5 BAR (***SKU 2641 / 2647***) • *MP MODELS* 0,5 ÷ 5 BAR (***SKU 2642 / 2648***) • *AP MODELS* MAX 18 BAR (***SKU 2643 / 2649***)
OUTPUT PRESSURE	• *BP MODELS* 16 ÷ 320 MBAR (***SKU 2641 / 2647***) • *MP MODELS* 0,2 ÷ 1 BAR (***SKU 2642 / 2648***) • *AP MODELS* 0,5 ÷ 4 BAR (***SKU 2643 / 2649***)
ACCURACY CLASS	RG UP TO 5 / SG ± 10%
WORKING TEMPERATURE	- 20°C ÷ + 60°C

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EXTERNAL SENSING LINE	Ø 14
MATERIALS	• BODY: GS 400 CAST IRON (***SKU 2641 / 2642 / 2643***) • BODY: STEEL (***SKU 2647 / 2648 / 2649***) • HEADER: STEEL • SEAL: NITRILE RUBBER NBR OR HNBR • MEMBRANE: SANDWICH RUBBERIZED FABRIC
DIMENSIONS	650 X 354 X 150 MM

FLOW RATE TABLE M^3/H **LOW PRESSURE MODELS (BP)**		*INLET PRESSURE*			
		0,2 BAR	0,3 BAR	0,5 BAR	1 BAR
OUTLET PRESSURE	25 MBAR	1631 M^3/H	2046 M^3/H	2707 M^3/H	4014 M^3/H
	50 MBAR	1529 M^3/H	1974 M^3/H	2662 M^3/H	3995 M^3/H
	100 MBAR	1280 M^3/H	1807 M^3/H	2563 M^3/H	3952 M^3/H
	150 MBAR	927 M^3/H	1601 M^3/H	2447 M^3/H	3904 M^3/H
	200 MBAR	-	1337 M^3/H	2312 M^3/H	3848 M^3/H

FLOW RATE TABLE M^3/H **MEDIUM PRESSURE MODELS (MP)**	*INLET PRESSURE*			
	0,3 BAR	0,5 **BAR**	0,1 **BAR**	1,5 **BAR**

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FLOW RATE TABLE M^3/H
MEDIUM PRESSURE MODELS (MP)

		INLET PRESSURE			
		0,3 BAR	0,5 BAR	0,1 BAR	1,5 BAR
OUTLET PRESSURE	0,2 BAR	1337 M^3/H	2312 M^3/H	3848 M^3/H	5073 M^3/H
	0,3 BAR	-	1965 M^3/H	3716 M^3/H	5004 M^3/H
	0,5 BAR	-	-	3343 M^3/H	4811 M^3/H
	0,7 BAR	-	-	2751 M^3/H	4526 M^3/H
	1 BAR	-	-	-	3853 M^3/H

FLOW RATE TABLE M^3/H
HIGH PRESSURE MODELS (HP)

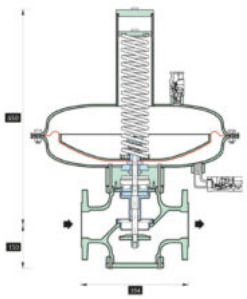
		INLET PRESSURE			
		2 BAR	3 BAR	4 BAR	5 BAR
OUTLET PRESSURE	0,8 BAR	6049 M^3/H	8291 M^3/H	8482 M^3/H	8482 M^3/H
	1 BAR	5498 M^3/H	8065 M^3/H	10329 M^3/H	11309 M^3/H
	1,5 BAR	4307 M^3/H	7573 M^3/H	10081 M^3/H	12361 M^3/H
	2 BAR	-	6686 M^3/H	9622 M^3/H	12098 M^3/H
	3 BAR	-	-	7707 M^3/H	10996 M^3/H

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

SKU	MODEL	PRICE
00000002641	REGULATOR SERIES ALFA 100 BP - DN 100 CONNECTIONS - OUTPUT 16 ÷ 320 MBAR - BODY IN GS400	€10243.35 VAT EXCLUDED
00000002642	REGULATOR SERIES ALFA 100 BP - DN 100 CONNECTIONS - OUTPUT 0,2 ÷ 1 BAR - BODY IN GS400	€10452.85 VAT EXCLUDED
00000002643	REGULATOR SERIES ALFA 100 BP - DN 100 CONNECTIONS - OUTPUT 0,5 ÷ 4 BAR - BODY IN GS400	€10452.85 VAT EXCLUDED
00000002645	MINIMUM AND MAXIMUM PRESSURE SHUT-OFF VALVE	€1445.4 VAT EXCLUDED
00000002647	REGULATOR SERIES ALFA 100 BP - DN 100 CONNECTIONS - OUTPUT 16 ÷ 320 MBAR - STEEL BODY	€11395.45 VAT EXCLUDED
00000002648	REGULATOR SERIES ALFA 100 BP - DN 100 CONNECTIONS - OUTPUT 0,2 ÷ 1 BAR - STEEL BODY	€11625.9 VAT EXCLUDED
00000002649	REGULATOR SERIES ALFA 100 BP - DN 100 CONNECTIONS - OUTPUT 0,5 ÷ 4 BAR - STEEL BODY	€11856.3 VAT EXCLUDED





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