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HIGH, MEDIUM AND LOW PRESSURE REGULATORS

Alfa 150 series, with balanced direct action regulation

Product informations

Alfa 150 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 2655).

Technical Features

| | |
|------------------------------|---|
| FLOW RATE | SEE TABLE UNDERLYING |
| INLET CONNECTION | DN 150 |
| OUTPUT CONNECTION | DN 150 |
| INLET PRESSURE | <ul style="list-style-type: none"> • BP MODELS 0,5 ÷ 5 BAR (SKU 2651 / 2657) • MP MODELS 0,5 ÷ 5 BAR (SKU 2652 / 2658) • AP MODELS MAX 18 BAR (SKU 2653 / 2659) |
| OUTPUT PRESSURE | <ul style="list-style-type: none"> • BP MODELS 16 ÷ 320 MBAR (SKU 2651 / 2657) • MP MODELS 0,2 ÷ 1 BAR (SKU 2652 / 2658) • AP MODELS 0,8 ÷ 1,5 BAR (SKU 2653 / 2659) |
| ACCURACY CLASS | RG UP TO 5 / SG ± 10% |
| OPERATING TEMPERATURE | - 20°C ÷ + 60°C |
| EXTERNAL SENSING LINE | Ø 14 |



High, Medium and Low Pressure Regulators

| | |
|-------------------|--|
| MATERIALS | <ul style="list-style-type: none"> • BODY: CAST IRON GS 400 (SKU 2651 / 2652 / 2653) • BODY: STEEL (SKU 2657 / 2658 / 2659) • HEADER: STEEL • SEAL: NITRILE RUBBER NBR OR HNBR • MEMBRANE: SANDWICH RUBBERIZED FABRIC |
| DIMENSIONS | 850 X 451 X 220 MM |

FLOW RATE TABLE M³/H LOW PRESSURE MODELS (BP)

INLET PRESSURE

| | 0.2 BAR | 0.3 BAR | 0.5 BAR | 1 BAR |
|-----------------|------------------------|------------------------|------------------------|------------------------|
| 25 MBAR | 3261 M ³ /H | 4090 M ³ /H | 5411 M ³ /H | 3024 M ³ /H |
| 50 MBAR | 3057 M ³ /H | 3945 M ³ /H | 5322 M ³ /H | 7886 M ³ /H |
| 100 MBAR | 2558 M ³ /H | 3612 M ³ /H | 5122 M ³ /H | 7900 M ³ /H |
| 150 MBAR | 1854 M ³ /H | 3200 M ³ /H | 4891 M ³ /H | 7803 M ³ /H |
| 200 MBAR | - | 2673 M ³ /H | 4821 M ³ /H | 7693 M ³ /H |

OUTLET PRESSURE



| FLOW RATE TABLE M³/H MEDIUM PRESSURE MODELS (MP) | | INLET PRESSURE | | | |
|--|---------|------------------------|------------------------|------------------------|-------------------------|
| | | 0.3 BAR | 0.5 BAR | 0.1 BAR | 1.5 BAR |
| OUTLET PRESSURE | 0.2 BAR | 2673 M ³ /H | 4621 M ³ /H | 7693 M ³ /H | 10140 M ³ /H |
| | 0.3 BAR | - | 3927 M ³ /H | 7428 M ³ /H | 10002 M ³ /H |
| | 0.5 BAR | - | - | 6681 M ³ /H | 9616 M ³ /H |
| | 0.7 BAR | - | - | 5499 M ³ /H | 9046 M ³ /H |
| | 1 BAR | - | - | - | 7702 M ³ /H |

| FLOW RATE TABLE M³/H HIGH PRESSURE MODELS (AP) | | INLET PRESSURE | | | |
|--|---------|-------------------------|-------------------------|-------------------------|-------------------------|
| | | 2 BAR | 3 BAR | 4 BAR | 5 BAR |
| OUTLET PRESSURE | 0.8 BAR | 12090 M ³ /H | 16573 M ³ /H | 19085 M ³ /H | 19085 M ³ /H |
| | 1 BAR | 10989 M ³ /H | 16120 M ³ /H | 20646 M ³ /H | 24948 M ³ /H |
| | 1.5 BAR | 8609 M ³ /H | 15137 M ³ /H | 20151 M ³ /H | 24706 M ³ /H |
| | 2 BAR | - | 13363 M ³ /H | 19232 M ³ /H | 24181 M ³ /H |
| | 3 BAR | - | - | 15404 M ³ /H | 21978 M ³ /H |

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



High, Medium and Low Pressure Regulators

| SKU | MODEL | PRICE |
|-------------|--|---------------------------|
| 00000002651 | REGULATOR SERIES ALFA 150 BP - DN 150 CONNECTIONS - OUTPUT 16 ÷ 320 MBAR - BODY IN GS400 | €16171.5 VAT EXCLUDED |
| 00000002652 | REGULATOR SERIES ALFA 150 BP - DN 150 CONNECTIONS - OUTPUT 0,2 ÷ 1 BAR - BODY IN GS400 | €16632.35 VAT EXCLUDED |
| 00000002653 | REGULATOR SERIES ALFA 150 BP - DN 150 CONNECTIONS - OUTPUT 0,5 ÷ 4 BAR - BODY IN GS400 | €16632.35 VAT EXCLUDED |
| 00000002655 | MINIMUM AND MAXIMUM PRESSURE SHUT-OFF VALVE | €1508.25 VAT EXCLUDED |
| 00000002657 | REGULATOR SERIES ALFA 150 BP - DN 150 CONNECTIONS - OUTPUT 16 ÷ 320 MBAR - STEEL BODY | €18748.05 VAT EXCLUDED |
| 00000002658 | REGULATOR SERIES ALFA 150 BP - DN 150 CONNECTIONS - OUTPUT 0,2 ÷ 1 BAR - STEEL BODY | €19020.35 VAT EXCLUDED |
| 00000002659 | REGULATOR SERIES ALFA 150 BP - DN 150 CONNECTIONS - OUTPUT 0,5 ÷ 4 BAR - STEEL BODY | €19292.65 VAT EXCLUDED |

