

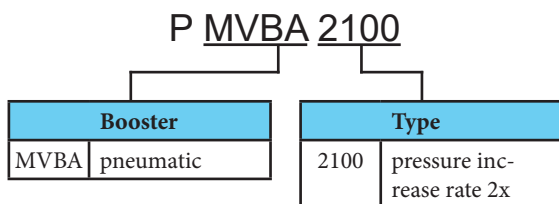


Pneumatic booster regulators series MVBA are used for increasing of air pressure. These booster regulators are able to twice increase inlet pressure, but due to safety, the maximal output pressure is restricted up to 0.99 MPa. Boosters can be used in applications, where there is no sufficient pressure in regular distribution. The advantage is, that no additional power is required, so also heat generation is reduced. They are fully autonomous and they start to „produce“ high pressure air, when compressed air is brought to inlet port.

Working (supply) pressure	0.1 to 0.99 MPa
Temperature range	+2°C to +50°C
Working medium	modified compressed air
Installation	horizontal

Type	MVBA2100
Connection	G3/8" (exhaust port R3/8")
Pressure increase rate	2
Supply pressure [MPa]	0.1 to 0.99
Operating (output) pressure [MPa]	0.2 to 0.99
Flow capacity [NI] at supply pressure 0.5 MPa and output pressure 0.8 MPa	560
Weight [kg]	3.9

Order codes



Operation notes

- If the outlet capacity is undersized, pulsation may occur.
- Make sure to install a mist separator at the inlet side of the booster regulator, supply air must be dry - non lubricated
- The booster regulator has a sliding part inside, and it generates dust. Also, install a cleaning device such as an air filter or a mist separator on the outlet side as necessary.
- Depending on the necessity, install a silencer on the exhaust port of the booster regulator to reduce the exhaustion sound.
- Provide a dedicated pipe to release the exhaust air from each booster regulator. If exhaust air is converged into a pipe, the back pressure that is created could cause improper operation.

Dimensions

