First Stage Regulator Tatum Mono FS

Art.Nr.: TT20365



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The Tatum Mono FS pressure regulator offers a simple way of reducing the high pressure to the working pressure of the connected breathing regulators. The pressure is regulated in straight proportion to the ambient pressure. Instead of the usual steel spring, a pre-pressurised gas cushion is used as the reference or setpoint. This allows you to use a larger working piston, thus facilitating better control behaviour and optimum heat exchange. Gas-pressure-controlled pressure regulators offer excellent fine adjustment while still being able to handle high gas flow rates.

The control behaviour is not affected by the set working pressure (medium pressure) and in turn does not affect the functioning of commonly used breathing regulators. Large surfaces and line cross-sections facilitate the exchange of heat between the surroundings (water) and the depressurised gas, an effect that can be enhanced by ensuring that the flow characteristics of the gas are as laminar as possible. Even at low water temperatures of < 4°C, the depressurised gas is not much colder than its surroundings. This prevents ice from forming on moving components, even when the gas is moistened.

4 x LP, 2 x HP. G 5/8 DIN, 300 bar, housing titanium alloy, Viton o-rings.

Specification

Length: cm 0
Width: cm 0
Height: cm 0
Volume: cc 0

Weight: kg

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