

TAURUS OXYGEN REGULATORS

Description

TAURUS OXYGEN SINGLE-STAGE REGULATOR – 3/8?



The primary function of a gas regulator is to reduce high-pressure gas in a cylinder or process line to a lower, more usable level. A regulator is not a flow control device. It is used to control delivery pressure only. It has two gauges, one to measure the inlet pressure and the other to measure the outlet delivery pressure.

FEATURES

- Sufficient flow for cutting up to 300mm steel.
- Smooth, high precision adjustment.
- Side inlet connection.
- Standard chromed gauges and brass body.

APPLICATIONS

- Medium-duty cutting, heating and welding.

INLET SPECIFICATION

DESCRIPTION	VALUE
MAXIMUM PRESSURE	23000 kPa
PRESSURE GAUGE	0 – 28000 kPa
CONNECTION	G 5/8? B-rh

OUTLET SPECIFICATION

DESCRIPTION	VALUE
DELIVERY PRESSURE	0 – 1000 kPa
PRESSURE GAUGE	0 – 1100 kPa
MAXIMUM GAS FLOW	155 m^3/h
CONNECTION	3/8? rh

TAURUS OXYGEN MULTI-STAGE REGULATOR – 3/8?



The Taurus double-stage regulator is designed to lower the high pressure gas from a gas cylinder to a usable outlet pressure in two stages. It requires less readjustment and provides a more constant delivery pressure despite changes in inlet pressure. It is exceptionally well suited for high-pressure cylinder applications and where stable outlet pressure is important. The regulator is fitted with two gauges, one to measure the inlet pressure and the other for measuring the outlet delivery pressure.

FEATURES

- Forged brass body for maximum strength.
- First stage reduces full cylinder pressure by approximately 90%.
- Large Ø 70 mm second stage diaphragm accurately controls delivery pressure.
- Durable brass bonnet.

APPLICATIONS

- Ideal where stable outlet pressure is important.
- Used for purging (Nitrogen), quality cutting applications and systems or precision machine cutting. Suitable for heavy machine cutting, hand cutting and gouging.

INLET SPECIFICATION

DESCRIPTION	VALUE
MAXIMUM PRESSURE	23000 kPa
PRESSURE GAUGE	0 – 42000 kPa
CONNECTION	G 5/8? B-rh

OUTLET SPECIFICATION

DESCRIPTION	VALUE
DELIVERY PRESSURE	0 – 1000 kPa
PRESSURE GAUGE	0 – 1600 kPa
MAXIMUM GAS FLOW	100 m^3/h
CONNECTION	3/8? rh

TAURUS OXYGEN SINGLE-STAGE REGULATOR – 9/16?



The primary function of a gas regulator is to reduce high-pressure gas in a cylinder or process line to a lower, more usable level. A regulator is not a flow control device. It is used to control delivery pressure only. It has two gauges, one to measure the inlet pressure and the other to measure the outlet delivery pressure.

FEATURES

- Sufficient flow for cutting up to 300mm steel.
- Smooth, high precision adjustment.
- Side inlet connection.
- Standard chromed gauges and brass body.

APPLICATIONS

- Medium-duty cutting, heating and welding.

INLET SPECIFICATION

DESCRIPTION	VALUE
MAXIMUM PRESSURE	23000 kPa
PRESSURE GAUGE	0 – 28000 kPa
CONNECTION	G 5/8? B-rh

OUTLET SPECIFICATION

DESCRIPTION	VALUE
DELIVERY PRESSURE	0 – 1000 kPa
PRESSURE GAUGE	0 – 1100 kPa
MAXIMUM GAS FLOW	155 m^3/h
CONNECTION	9/16? rh

Product Category

1. Gas Equipment
2. Regulators

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