

# Multi-Stage Cylinder Regulator EN ISO 2503

# Tech-Master



## Specifications

The Tech-Master Multi-stage cylinder regulator provides the ultimate answer to industrial gas pressure requirements. Capable of working on cylinder pressures up to 300 bar, these regulators provide extra safety and precision control to the user. The two stage reduction of cylinder pressure within the Multi-stage regulator combines extra safety with precise control over the complete pressure range.

The regulator are produced under the Gas-Arc quality management system BS EN ISO 9001 and the design and construction have been tailored to meet in full the requirements of EN ISO 2503.



## Features

- Bottom or side entry inlet connections to ensure that the regulator fits both safely and conveniently on all available cylinders.
- Safety pressure gauges to ISO5171
- Tamper proof safety relief valve that will safely vent excess pressure and reseal thus extending the regulator's life.
- Integral inlet filter that encapsulates the main valve and is designed to prevent ingress of foreign particles into the regulator.
- 1st Stage solid brass piston to withstand the demands of 300 bar service, provides an accurate and constant supply to the second stage.
- 2nd Stage diaphragm (unperforated) means the efficiency of the diaphragm is greatly improved and also reduces the possibility of leaks, improving safety.
- Inspection/Replacement date permanently etched into the body of each regulator provides the user with important information on the maximum service life of the regulator in accordance with BCGA CP7.



## Technical Data

Type	Multi-stage
Inlet Pressure	maximum 300 bar
Outlet Pressure	0-2, 0-4, 0-10 bar (0-1.5 bar Acetylene)
Materials:	
Body	Brass
Valve seat	Nylon
Diaphragm	Neoprene
Filter	Sintered 316L Stainless steel
Inlet Connection	BS341
Outlet Connection	3/8 BSP Male
Temperature range	-20°C to +60°C
Weight	1.9kg

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