

# WEGA Mini

Regulators - Pressure Reducing

DCATLAB012109XEN2

## Specifications

For other materials or modifications, please consult TESCOM.

### FLUID MEDIA

For high purity gases and calibration gases without corrosive components except NO, NH<sub>3</sub>, SO<sub>2</sub> (ppm range).

### OPERATING PARAMETERS

Pressure rating per criteria of ANSI/ASME B31.3

#### Maximum Inlet Pressure

2900 psig / 200 bar

#### Outlet Pressure Ranges

Maximum 60 psig / 4.1 bar or 145 psig / 10.0 bar

#### Leak Rate

10<sup>-8</sup> mbar l/sec He for each connection

#### Nominal Flow Rate

**Outlet Pressure 145 psig / 10.0 bar:** Maximum 20 SLPM

**Outlet Pressure 60 psig / 4.1 bar:** Maximum 10 SLPM

#### Flow Capacity

C<sub>v</sub> = 0.02

### MEDIA CONTACT MATERIALS

#### Body

Nickel-plated Brass or Stainless Steel

#### Diaphragm

316L Stainless Steel

#### Seat

NBR

### OTHERS

#### Inlet Connection

DIN 477-1 or other national standards

#### Outlet Connection

**Regulator:** 1/4" NPTF internal

**Fittings:** Compression fitting 6 mm with additional hose connector 6 mm

#### Weight

1.9 lbs / 0.85 kg



TESCOM WEGA Mini is a cylinder pressure reducer for gas purities up to 6.0 (99.9999 Vol %) used for lecture bottle and mobile applications. Lightweight and compact design due to the relief valve integrated into the body.

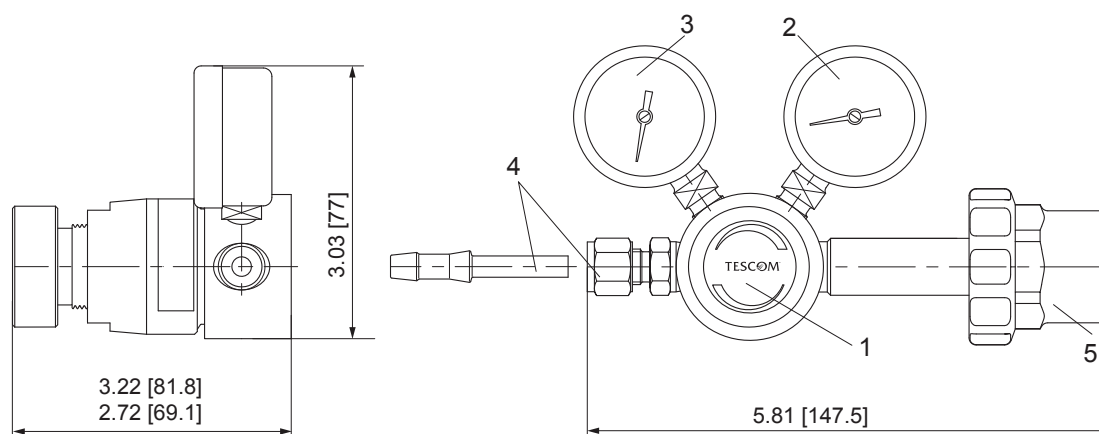
## Applications

- Lecture bottles
- Mobile applications

## Features and Benefits

- Lecture bottle regulator with metal diaphragm
- Based on the field proven TESCOM 04 Series
- Ideal for space saving installations

## WEGA Mini Regulator Drawing



- 1 Basic regulator with integrated relief valve and hand wheel
- 2 Inlet gauge
- 3 Outlet gauge
- 4 Compression fitting 6 mm with hose connector 6 mm
- 5 Cylinder connector

*All dimensions are reference & nominal  
Metric [millimeter] equivalents are in brackets*

## WEGA Mini Regulator Part Number Selector

**Repair Kits, Accessories & Modifications may be available for this product. Please contact TESCOM for more information.**

*Example for selecting a part number:*

<b>D45390</b>	-	<b>06</b>	-	<b>05</b>	-	<b>2</b>
BASIC SERIES	INLET CONNECTION*		OUTLET CONNECTION		OUTLET PRESSURE	
<b>D45390</b> – Nickel-plated Brass <b>D45394</b> – Stainless Steel	<b>01</b> - Flammable Gases <b>06</b> - Inert Gas, CO <sub>2</sub> , SF <sub>6</sub> , CF <sub>4</sub> <b>10</b> - Nitrogen <b>11</b> - Nitrous Oxide <b>13</b> - Compressed Air <b>14</b> - Calibration Gas		<b>00</b> - 1/4" NPTF internal <b>05</b> - 6 mm fitting with 6 mm hose connector		<b>2</b> - 60 psig / 4.1 bar <b>3</b> - 145 psig / 10.0 bar	

\* Please ask for national standards other than DIN 477-1