

## 904

### High Purity single stage gas Regulator

Model 904 is a chrome plated single stage cylinder regulator with a stainless steel diaphragm for general purposes application where high purity gas is required. The 904 can be used when a slight pressure rise from full to empty cylinder can be tolerated.

#### APPLICATIONS:

- Non-corrosive gases
- Purging
- Pressure testing
- Blanketing

#### FEATURES:

- Recommended purity levels of grade up to 5.0 (99.999%)
- External safety relief valve with 1/4" NPT female thread for external release hose connection
- 302 stainless steel diaphragm eliminates contamination from diffusion or outgassing
- One piece encapsulated seat design includes a sintered filter to protect the seat from particulate contamination
- Forged brass body fully chromed
- Chrome plated bonnet and fittings
- Capsule seat with Kel-F (CTFE) sealing surface
- Maximum inlet pressure 300 bar (4350 psig)

#### TECHNICAL DATA:

|                 |                                    |
|-----------------|------------------------------------|
| Type            | Single stage                       |
| Purity          | Up to 5.0                          |
| Inlet pressure  | Max. 300 bar (4350 psig)           |
| Outlet pressure | 0-1,5/4/10 bar (21,75/58/145 psig) |
| Oxygen use      | Suitable                           |

#### MATERIALS:

|                |                             |
|----------------|-----------------------------|
| Body           | Chrome plated brass         |
| Bonnet         | ZnAl mold                   |
| Diaphragm      | 302 stainless steel         |
| Nozzle         | Brass                       |
| Seat           | PTFE Teflon*                |
| Seals          | PTFE Teflon*                |
| Filter         | Sintered bronze - 10 micron |
| Adjusting Knob | ABS plastic                 |

#### SPECIFICATIONS:

|                      |           |
|----------------------|-----------|
| Inlet / outlet ports | 1/4" FNPT |
| Weight               | 1,32 kg   |



Model shown with additional accessories to be ordered separately

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