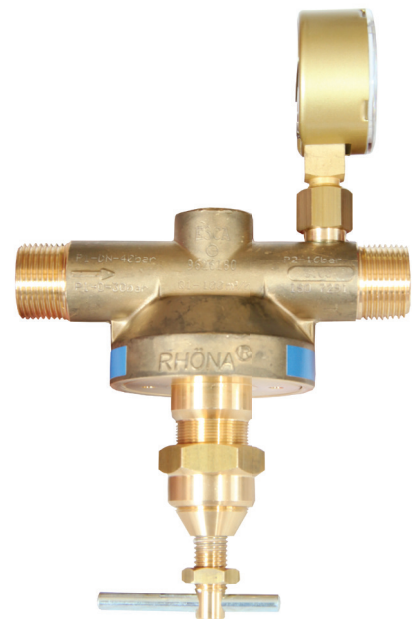


HIGH FLOW LINE REGULATOR **S100**

EDITION 1/2013

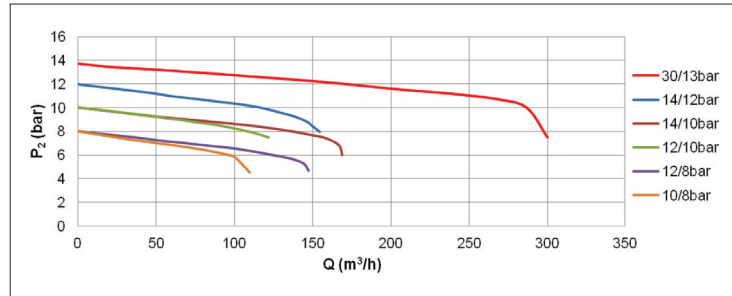
- Low pressure, high flow line regulator for oxygen, inert gases and fuel gases application.
- Regulator provides constant and stabile flow.
- Applications
 - Oxy-fuel processes
 - Gas pressure lines
 - Outlet points
- Adjustable outlet pressure.
- Inlet pressure up to 40 bar for inert gases and up to 30 bar for oxygen.
- Outlet pressure is adjustable up to 16 bar (see list of variants).
- Flow capacity up to 100 Nm³/h.



TECHNICAL DATA

| | |
|-----------------------------------|---------------------------------------|
| Body and bonnet material | Brass |
| Diaphragm material | EPDM, NBR |
| Seat sealing material | Chloroprene |
| Inlet outlet connections material | Brass |
| Maximal inlet pressure | 40 bar (30 bar O) |
| Maximal outlet pressure | See the variants |
| Maximal flow capacity | 100 Nm ³ /h (P2=16bar air) |
| Weight | 1,2 kg |
| Ambient temperature range | from -20°C to +60 °C |

FLOW CHART



| Art. Nr. | Type | Gas | Max. inlet pressure | Outlet pressure | Inlet connection | Outlet connection |
|----------|------|--------------------|---------------------|-----------------|------------------|-------------------|
| 0761861 | S100 | ODNCO ₂ | 40bar | 16bar | G1/2"m | G1/2"m |
| 0761862 | S100 | ODNCO ₂ | 40bar | 16bar | G3/4"m | G3/4"m |
| 0761863 | S100 | ODNCO ₂ | 40bar | 10bar | G3/4"m | G3/4"m |
| 0761866 | S100 | ODNCO ₂ | 40bar | 10bar | G1/2"m | G1/2"m |
| 0761864 | BG20 | Ace | 1,5bar | 1,5bar | G1/2"LHm | G1/2"LHm |
| 0761865 | BG20 | Propane | 25bar | 4bar | G1/2"LHm | G1/2"LHm |

MEASUREMENTS

