- **Port size: 3/4", 1" (ISO G/ PTF)**
- **Can be installed at any point in the compressed air system without regard to accessibility – pilot regulator can be installed in the most convenient location**

**> Constant bleed type**

## Technical features

**Medium:**
Compressed air only
**Maximum inlet pressure:**
20 bar (290 psi) maximum
**Ports size:**
3/4", 1"
**Pilot port:**
Rc 1/4

**Gauge port:**
Rc1/8
**Flow:**
See table below
**Relieving:**
Standard

**Ambient/Media temperature:**
-20 ... +80°C (-4° ... +176°F)
Version with gauge:
-20° ... +65°C (-4° ... +149°F)
Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

**Materials:**
Body: Zinc
Bonnet: Aluminium
Valve: Brass
Elastomers: NBR

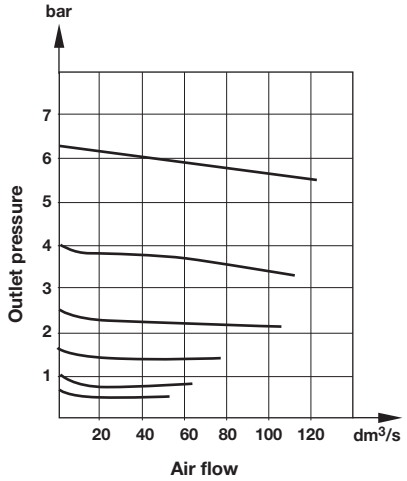
## Technical data, standard models

| Symbol | Port size | Flow *1) $dm^3/s$ | Diaphragm | Weight (kg) | Model |
|---|---|---|---|---|---|
|  | G3/4 | 180 | Relieving | 2,2 | 11-808-960 |
| | G1 | 180 | Relieving | 2,1 | 11-808-980 |

*1) Typical flow (feedback pilot) with 8 bar inlet pressure, 6,3 bar outlet pressure and minimal pressure drop.

## Flow characteristics

### Inlet pressure: 8 bar, port size: 1"



## Accessories

**Wall mounting bracket**

18-001-027

## Service kit

**Service kit**

11-908-100

## Gauge

**Center back connection, white face (for full technical specification see datasheet 8.900.900)**

| Pressure range bar *2) | MPa | psi | Ø | Thread size | Model |
|---|---|---|---|---|---|
| 0 ... 1,6 | 0 ... 0,16 | 0 ... 23 | 50 mm | R1/8 | 18-015-010 |
| 0 ... 4 | 0 ... 0,4 | 0 ... 58 | 50 mm | R1/8 | 18-015-011 |
| 0 ... 10 | 0 ... 1 | 0 ... 145 | 50 mm | R1/8 | 18-015-013 |
| 0 ... 25 | 0 ... 2,5 | 0 ... 362 | 50 mm | R1/8 | 18-015-014 |

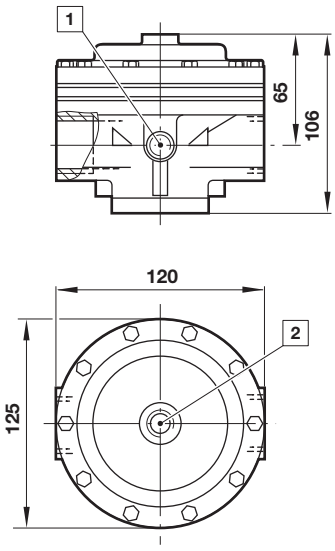
*2) primary scale

**Center back connection, black face for North America (for full technical specification see datasheet 8.900.900)**

| Pressure range psig *2) | bar | MPa | Ø | Thread size | Model |
|---|---|---|---|---|---|
| 0 ... 30 | 0 ... 2 | 0 ... 0.2 | 2" (50 mm) | 1/8 NPT | 18-015-201 |
| 0 ... 60 | 0 ... 4 | 0 ... 0.4 | 2" (50 mm) | 1/8 NPT | 18-015-202 |
| 0 ... 160 | 0 ... 11 | 0 ... 1.1 | 2" (50 mm) | 1/8 NPT | 18-015-204 |
| 0 ... 300 | 0 ... 20 | 0 ... 2.1 | 2" (50 mm) | 1/8 NPT | 18-015-205 |

*2) primary scale

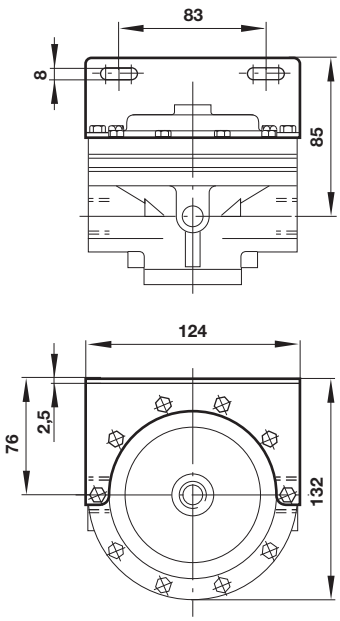
## Dimensions




1 Gauge port Rc1/8 or 1/8 NPT plugged
2 Pilot port Rc1/4

## Bracket mounting

Dimensions in mm
Projection/First angle




### Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under »**Technical features/data**«.
Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult
IMI Precision Engineering, Norgren Inc.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes. The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.
System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.
System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.