

## PRESSURES

|                 |              |
|-----------------|--------------|
| Inlet pressure  | max. 40 bar  |
| Outlet pressure | 1,5 - 20 bar |

## CONNECTIONS

Female thread acc. ISO 228 (G 1/4" up to G 2")  
Optionally with NPT-thread

## SEALS AND TEMPERATURES

NBR -15 °C up to +100 °C

## FEATURES

- non-pressure-relieved single seated valve
- piston-controlled
- continuously adjustable outlet pressure
- highest reduction ratio 6:1
- replaceable inner parts/cartridge principle
- double-sided G 1/4" manometer fitting (for outlet pressure)
- assembly position: any desired, preferably vertical
- minimum pressure difference (inlet - outlet pressure): 1 bar

## MEDIA

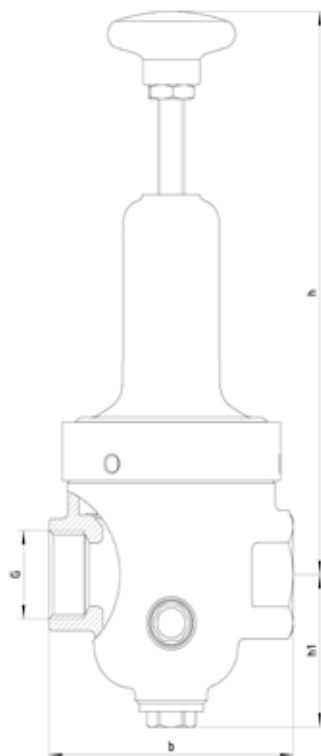
- compressed air and neutral gases
- water and neutral liquids (at smaller flow rates)

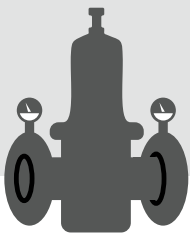
## CONFORMITY / CUSTOMS TARIFF NUMBER / CLASSIFICATION SOCIETIES

- DGRL 2014/68/EU
- Customs tariff number 848 110 99
- Certifiable by external classification societies e.g. DNV



| G                         |    | 1/4"     | 3/8" | 1/2" | 3/4" | 1"  | 1 1/4"   | 1 1/2" | 2"  |
|---------------------------|----|----------|------|------|------|-----|----------|--------|-----|
| Type                      |    | A        |      |      |      |     | B        |        |     |
| max. inlet pressure [bar] |    |          |      |      |      |     |          |        |     |
| DRV 225                   |    | 40       |      |      |      |     | 40       |        |     |
| outlet pressure [bar]     |    |          |      |      |      |     |          |        |     |
| DRV 225                   |    | 1,5 - 20 |      |      |      |     | 1,5 - 20 |        |     |
| dimensions [mm]           |    |          |      |      |      |     |          |        |     |
| DRV 225                   | G  | 1/4"     | 3/8" | 1/2" | 3/4" | 1"  | 1 1/4"   | 1 1/2" | 2"  |
|                           | b  | 70       | 70   | 85   | 85   | 95  | 104      | 108    | 147 |
|                           | h1 | 47       | 47   | 47   | 47   | 56  | 61       | 61     | 71  |
|                           | h  | 147      | 147  | 181  | 181  | 196 | 302      | 301    | 329 |
| weight [kg]               |    |          |      |      |      |     |          |        |     |
| DRV 225                   |    | 1,2      | 1,2  | 1,7  | 1,7  | 2,7 | 6,1      | 6,2    | 9,9 |
| kvs-value [m³/h]          |    |          |      |      |      |     |          |        |     |
| DRV 225                   |    | 0,5      | 0,6  | 1,2  | 1,3  | 1,6 | 4,2      | 4,5    | 7,2 |





## Article numbers and options

### Article numbers

| G | 1/4" | 3/8" | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" |
|---|------|------|------|------|----|--------|--------|----|
|---|------|------|------|------|----|--------|--------|----|

### Standard version

| DRV 225 | 002200 | 002201 | 002202 | 002203 | 002204 | 002205 | 002206 | 002207 |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|
|---------|--------|--------|--------|--------|--------|--------|--------|--------|

### Options overview

| CC - connections                   |                    |          | E - elastomers              |                             |  |
|------------------------------------|--------------------|----------|-----------------------------|-----------------------------|--|
| 00 -                               | ISO 228            | standard | 0 -                         | NBR                         |  |
| 30 -                               | NPT - ASME B1.20.1 |          |                             |                             |  |
| M - material of wetted inner parts |                    |          | F - finishes (upon request) |                             |  |
| 0 -                                | brass              |          | 0 -                         | without additional finishes |  |

### Configuration example of an article number with additional options

| art.no. standard version |   |   |   |   |   | - | C | C | M | E | F |
|--------------------------|---|---|---|---|---|---|---|---|---|---|---|
| 0                        | 0 | 2 | 2 | 0 | 7 | - | 3 | 0 | 0 | 0 | 0 |

inlet pressure: 30 bar  
seals: NBR

outlet pressure: 7 bar  
temperature: 30 °C

connection: 2" NPT  
without additional finishes

## Manometer

| diameter | connection           | body            | pressure range | max. temp. | art.no. |
|----------|----------------------|-----------------|----------------|------------|---------|
| 50 mm    | G 1/4", central back | steel           | 0 - 10 bar     | 60 °C      | 009002  |
| 63 mm    | G 1/4", central back | steel           | 0 - 25 bar     | 60 °C      | 009004  |
| 63 mm    | G 1/4", central back | stainless steel | 0 - 10 bar     | 200 °C     | 009014  |
| 63 mm    | G 1/4", central back | stainless steel | 0 - 25 bar     | 200 °C     | 009017  |

## Materials

|          | body              | spring bonnet                             | seals | wetted inner parts | max. temperature |
|----------|-------------------|-------------------------------------------|-------|--------------------|------------------|
| standard | red bronze CC499K | up to DN 25 brass<br>from DN 32 cast iron | NBR   | brass              | 100 °C           |

## Flow diagram

