

Technical data sheet

Type RP204

Pressure membrane reducing valve
with stainless steel seat

Applications and special features



- The pressure membrane reducing valve type RP204 is designed to reduce pressures of maxi 40 bar.
- Spring :
 - . minimum 1,5 bar
 - . maximum 7 bar
- Preset : 3 bar
- Pressure gauge 1/4" connection

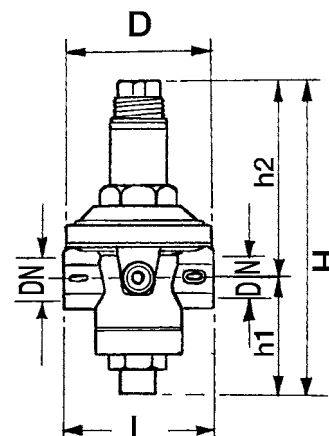
Technical description

| DN | PFA bar | References | Vvs-nr |
|-----|------------|------------|--------|
| " | | | |
| 15 | 40 | 149B 6670 | |
| 20 | 40 | 149B 6671 | |
| 25 | 40 | 149B 6672 | |
| 32 | 40 | 149B 6664 | |
| 40 | 40 | 149B 6665 | |
| 50 | 40 | 149B 6666 | |
| 65 | 40 | 149B 6667 | |
| 80 | 40 | 149B 6668 | |
| 100 | 40 | 149B 6673 | |

- **Connection** : Female/female, BSP thread
- **Permissible operating pressure PFA - water-** (for supply, distribution and disposal of water) : See table
- **θ** :
 - Mini. 0 °C
 - Maxi. 80 °C
- **Medium** : Water
- **International construction Standards** :
 - Thread connection according to NFE 03-005
 - ISO 228

Overall dimensions

| DN | D | | L | A | H | h1 | h2 |
|-----|---------|------------------|-------|-----|-------|-------|-------|
| " | mm | " | mm | mm | mm | mm | mm |
| 15 | 15/21 | 1/2 | 76 | 73 | 155,5 | 67,5 | 88 |
| 20 | 20/27 | 3/4 | 91 | 89 | 196 | 73 | 123 |
| 25 | 26/34 | 1 | 105 | 101 | 201 | 81 | 120 |
| 32 | 33/42 | 1 ^{1/4} | 138 | 124 | 235 | 82,5 | 152,5 |
| 40 | 40/49 | 1 ^{1/2} | 170 | 154 | 256 | 95 | 161 |
| 50 | 50/60 | 2 | 184 | 169 | 270 | 92,5 | 177,5 |
| 65 | 66/76 | 2 ^{1/2} | 206,5 | 180 | 330 | 121,5 | 208,5 |
| 80 | 80/90 | 3 | 204 | 192 | 374 | 143 | 231 |
| 100 | 102/114 | 4 | 274 | 262 | 495,5 | 175 | 320,5 |

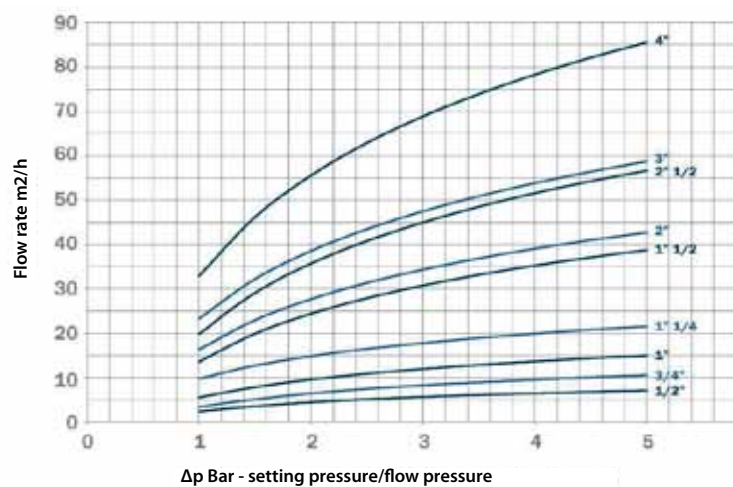


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Spare parts list and materials

| Nr | Description | Materials | EURO | ANSI |
|----|--------------------------|----------------------------|---------------|------|
| | CASING DN1/2 to 2" | Brass | CuZn40Pb2 | |
| | DN2 ^{1/2} to 4" | Bronze | CuSn5Zn5Pb5-C | |
| | MEMBRANE | EPDM 70sh with nylon braid | | |
| | SEAT SEAL | EPDM | | |
| | SEAT AND SPRING | Stainless steel | | |

Working principle



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