

**CLESSE**  
**NOVACOMET**

INTERNATIONAL PRODUCT  
CATALOGUE  
2023-2024





### Application

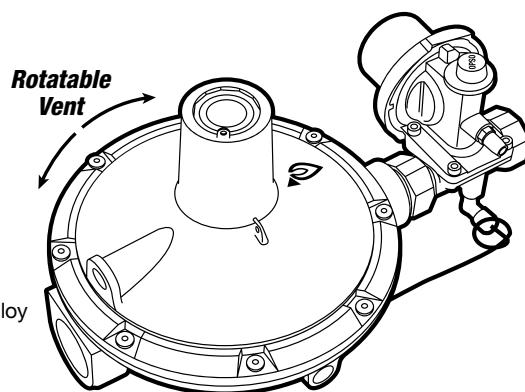
- High capacity flow rates at both low and high inlet pressure ranges
- Mainly used in medium and large power installations(domestic metered networks, commercial, agricultural or industrial) as final stage or intermediate stage pressure reduction
- Suitable for all types of LPG, natural gas, synthetic natural gas (SNG) or non aggressive other gases (air, nitrogen, biomethane)

### Features

- Easy installation
- Safety devices and adjustment options
- Large range of regulators
- Capacity up to 70kg/h (970kW)
- Rotatable Vent
- Inlet pressure from 0.05 to 6 bar

### Construction

- Design tested according to EN 16129 standard
- Compliance with the PED 2014/68/CE
- ISO 9001 quality management standard
- Body and cover of regulators: die cast zinc alloy
- Body and cover of OPSO safety: die cast zinc alloy
- Inlet connections: brass (EN 12165)
- Diaphragm: NBR-R reinforced EN 549
- Valve pad: HNBR (EN 549)



| Code               | Inlet code | Inlet connection | Outlet code | Outlet connection | Inlet pressure (Pu) bar | Outlet pressure (Pd) mbar | Declared gas | Flow rate                              |              | PRV mbar | OPSO mbar | UPSO mbar | Original vent orientation* | Performances rule |
|--------------------|------------|------------------|-------------|-------------------|-------------------------|---------------------------|--------------|----------------------------------------|--------------|----------|-----------|-----------|----------------------------|-------------------|
|                    |            |                  |             |                   |                         |                           |              | kg/h of propane or LPG ((S)m3/h of NG) | kW           |          |           |           |                            |                   |
| BP2403             |            |                  |             |                   |                         |                           |              |                                        |              |          |           |           |                            |                   |
| 001107CB           | F3E        | FEM-Rc3/4        | F3F         | FEM-Rc1           | 0,24 - 0,5              | 21 (18 - 24)              | NG           | 25                                     | 280          | -        | -         | -         | 0                          | EN 334 **         |
| 001107CE           | E1E        | MAL G3/4RH       | E1E         | MAL G3/4RH        | 0,24 - 0,36             | 20 (18 - 24)              | NG           | 25                                     | 280          | -        | -         | -         | 0                          | CCH 96-01 **      |
| 001100CA           | F3E        | FEM-Rc3/4        | F3F         | FEM-Rc1           | (0,3) 0,5 - 2           | 30 (24 - 41)              | LPG          | 50 (40)                                | 690 (552)    | 75       | -         | -         | 0                          | EN 16129          |
| 001130CA           | F5E        | FEM-3/4NPT       | F5F         | FEM-1 NPT         | (0,3) 0,5 - 2           | 30 (24 - 41)              | LPG          | 50 (40)                                | 690 (552)    | 75       | -         | -         | 0                          | EN 16129          |
| 001105CA           | F3E        | FEM-Rc3/4        | F3F         | FEM-Rc1           | (0,3) 0,5 - 2           | 37 (32 - 46)              | Propane      | 50 (40)                                | 690 (552)    | 75       | -         | -         | 4                          | EN 16129 (ΔP5)    |
| 001107CA           |            |                  |             |                   | (0,3) 0,5 - 2           | 37 (32 - 46)              | Propane      | 50 (40)                                | 690 (552)    | -        | -         | -         | 0                          | EN 16129 (ΔP5)    |
| 001107CC           |            |                  |             |                   | 0,7 - 5                 | 148 (65 - 155)            | Propane      | 45 (NG 35)                             | 621 (NG 392) | -        | -         | -         | 7                          | EN 16129          |
| 001107CD           |            |                  |             |                   | 0,8 - 5                 | 300 (200 - 350)           | Propane      | 70 (NG 55)                             | 966 (NG 616) | -        | -         | -         | 0                          | EN 16129          |
| 001117CA           |            |                  |             |                   | 0,5 - 2                 | 37 (32 - 46)              | Propane      | 40                                     | 552          | 75       | -         | -         | 5                          | EN 16129 (ΔP5)    |
| 001118CA           | N6A        | NUT-M20X1,5RH    |             |                   | 0,5 - 2                 | 50 (35 - 75)              | LPG          | 40                                     | 552          | 115      | -         | -         | 5                          | EN 16129          |
| BP2403 UPSO        |            |                  |             |                   |                         |                           |              |                                        |              |          |           |           |                            |                   |
| 001120CB           | F3E        | FEM-Rc3/4        | F3F         | FEM-Rc1           | 0,5 - 2                 | 30 (24 - 41)              | LPG          | 40                                     | 552          | 75       | -         | 22        | 0                          | EN 16129          |
| 001120CA           |            |                  |             |                   | 50 - 500 mbar           | 37 (32 - 42)              | Propane      | 12                                     | 166          | 75       | -         | 28        | 7                          | BS 6891 **        |
| BP2403R            |            |                  |             |                   |                         |                           |              |                                        |              |          |           |           |                            |                   |
| 001111CC           | F5E        | FEM-3/4NPT       | F5F         | FEM-1NPT          | 0,5 - 4                 | 20 - 300                  | LPG          | 20 - 50                                | 276 - 690    | +75      | -         | -         | 0                          | EN 16129          |
| 001110CA           | F3E        | FEM-Rc3/4        | F3F         | FEM-Rc1           | 0,4 - 4                 | 10 - 200                  | LPG          | 10 - 40                                | 138 - 552    | +75      | -         | -         | 0                          | EN 16129          |
| 001111CD           |            |                  |             |                   | 0,5 - 4                 | 20 - 300                  | LPG          | 20 - 50                                | 276 - 690    | +75      | -         | -         | 0                          | EN 16129          |
| 001112CA           |            |                  |             |                   | 0,5 - 4                 | 100 - 300                 | LPG          | 30 - 50                                | 414 - 690    | -        | -         | -         | 0                          | EN 16129          |
| BP2403 OPSO        |            |                  |             |                   |                         |                           |              |                                        |              |          |           |           |                            |                   |
| 006840CA           | F3E        | FEM-Rc3/4        | F3F         | FEM-Rc1           | 0,5 - 2                 | 30 (24 - 41)              | LPG          | 50                                     | 690          | 75       | 140       | -         | 0                          | EN 16129          |
| 006840CB           |            |                  |             |                   | 0,5 - 2                 | 37 (32 - 46)              | Propane      | 50                                     | 690          | 75       | 140       | -         | 0                          | EN 16129 (ΔP5)    |
| 006842CB           |            |                  |             |                   | 0,5 - 2                 | 75 (60 - 95)              | Propane      | 40 (60@1 bar)                          | 552 (828)    | 115      | 140       | -         | 7                          | BS 6891 **        |
| 006842CA           |            |                  |             |                   | 0,7 - 5                 | 148 (65 - 155)            | Propane      | 40 (NG 30)                             | 552 (NG 336) | -        | 300       | -         | 7                          | EN 16129          |
| 006842CC           |            |                  |             |                   | 0,8 - 5                 | 300 (200 - 350)           | Propane      | 60 (NG 50)                             | 828 (NG 560) | -        | 500       | -         | 7                          | EN 16129          |
| BP2403 OPSO / UPSO |            |                  |             |                   |                         |                           |              |                                        |              |          |           |           |                            |                   |
| 006845CB           | F3E        | FEM-Rc3/4        | F3F         | FEM-Rc1           | 0,24 - 0,5              | 21 (19 - 23)              | NG           | -                                      | -            | 50       | 70        | 12        | 7                          | EN 16129          |
| 006845CA           |            |                  |             |                   | 0,5 - 2                 | 30 (24 - 41)              | LPG          | 40 (60@1 bar)                          | 552 (828)    | 75       | 100       | 22        | 0                          | EN 16129          |
| 006846CB           |            |                  |             |                   | 0,5 - 2                 | 37 (32 - 46)              | Propane      | 40 (60@1 bar)                          | 552 (828)    | 75       | 100       | 28        | 7                          | BS 6891 **        |
| 006846CC           |            |                  |             |                   | 0,6 - 2                 | 100 (65 - 155)            | Propane      | 50                                     | 690          | 175      | 300       | 80        | 7                          | EN 16129          |

\* Orientation rule: Position of the vent to be read like a watch face, seen from above with the input connection = 6 hours and the output direction = 12 hours

\*\* Designed, manufactured and tested according to EN 16129 standard