

# MDR-816/817

Adjustable regulator type 160 for high capacity

## TECHNICAL SPECIFICATIONS:

- Single stage regulator
- Inlet pressure 1,5 - 16 bar
- Outlet pressure: MDR-816: 0,75 bar, MDR-817: 1,5 bar or other in request
- Capacity: MDR-816: 100 kg/h, MDR-817: 150 kg/h *(dependent on inlet and outlet pressure)*
- OPSO *(optional)*
- PRV *(optional)*
- Pressure gauge *(optional)*
- PS 25

*For further technical specifications on this regulator please see reverse.*



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# TECHNICAL SPECIFICATIONS:

## MDR-816/817 Adjustable regulator type 160 for high capacity

### About this regulator

Intermediate Pressure Regulator type MDR-816/817. The intermediate pressure regulator type MDR-816/817 is a single stage regulator for LPG which reduces the non-regulated pressure of the gas cylinder to a fixed outlet pressure. The regulator is equipped with an over-pressure shut-off valve (OPSO) and a safety relief valve (PRV).

### Mode of operation

The intermediate pressure regulator reduces the non-regulated pressure from the gas cylinder to nominal pressure. At an inadmissible rise of the outlet pressure of the regulator the activation pressure of the safety device (OPSO) will be reached which will then close by itself and block the gas flow before the regulator. Should an additional pressure rise occur e.g. through a not complete closing of the over-pressure shut-off valve (OPSO), the relief valve (PRV) will automatically release the gas flow in a limited quantity to the atmosphere after obtaining the fixed activation pressure.

**DVGW Approved:** According to EN 16129 / CE marking according to 2016/426/EG

**Inlet pressure:** 1,5-16 bar

**Inlet connection:** G1/4, G3/8, G1/2, G3/4, G1 or other on request.

**Outlet connection:** G1/4, G3/8, G1/2, G3/4, G1 or other on request

**Capacity:** MDR-816: 100 kg/h, MDR-817: 150 kg/h (Propane)

**Outlet pressure:** 0,75 - 4 bar other on request

**Pressure relief valve (PRV):** 1,4 - 5 bar other on request

**Over pressure shut off (OPSO):** 1,2 - 4,7 bar other on request

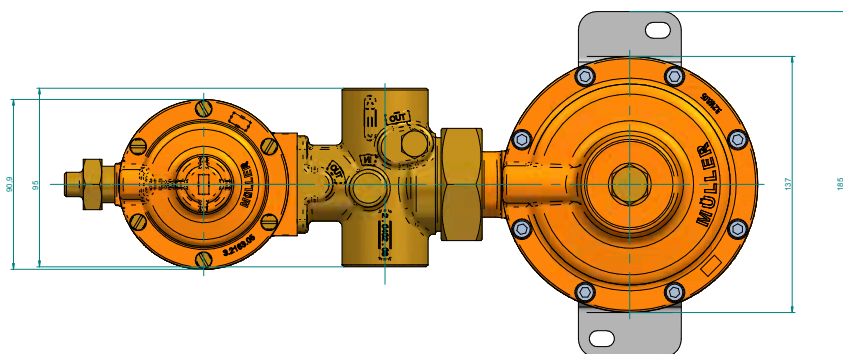
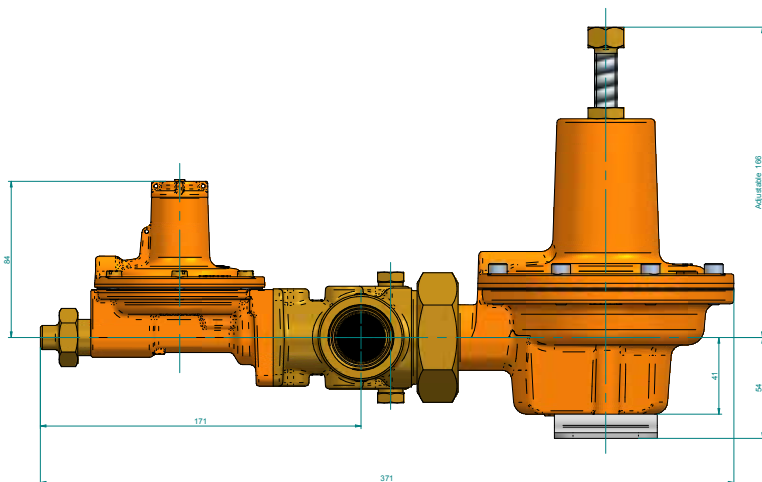
**Regulator weight:** Approx. 5 kg

**Gas:** LPG or on request

**Working temperatur:** -40°C to +80°C

Contact our Sales Department to place your order:

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