

Pressure reducers for low pressure with internal thread and flanges

Type overview pressure reducers for low pressure with internal thread according to ISO 228 and flanges according to DIN EN 1092

| DRV-Type | Connection | Max. inlet pressure | Outlet pressure range |
|----------|-----------------|---------------------|-----------------------|
| DRV 750 | Internal Thread | 25 bar | 0.2 - 2 bar |
| DRV 850 | Flange | 25 bar | 0.2 - 2 bar |



Characteristics

Low pressure reducers are adapted for applications with inlet pressures up to 25 bar combined with low outlet pressures from 0.2 to 2 bar.

With the help of the enlarged control diaphragm the outlet pressure can be set sensitively and with high accuracy. These low pressure versions are ideally suited for critical applications, whenever low pressures are required or sensitive devices will be installed downstream.

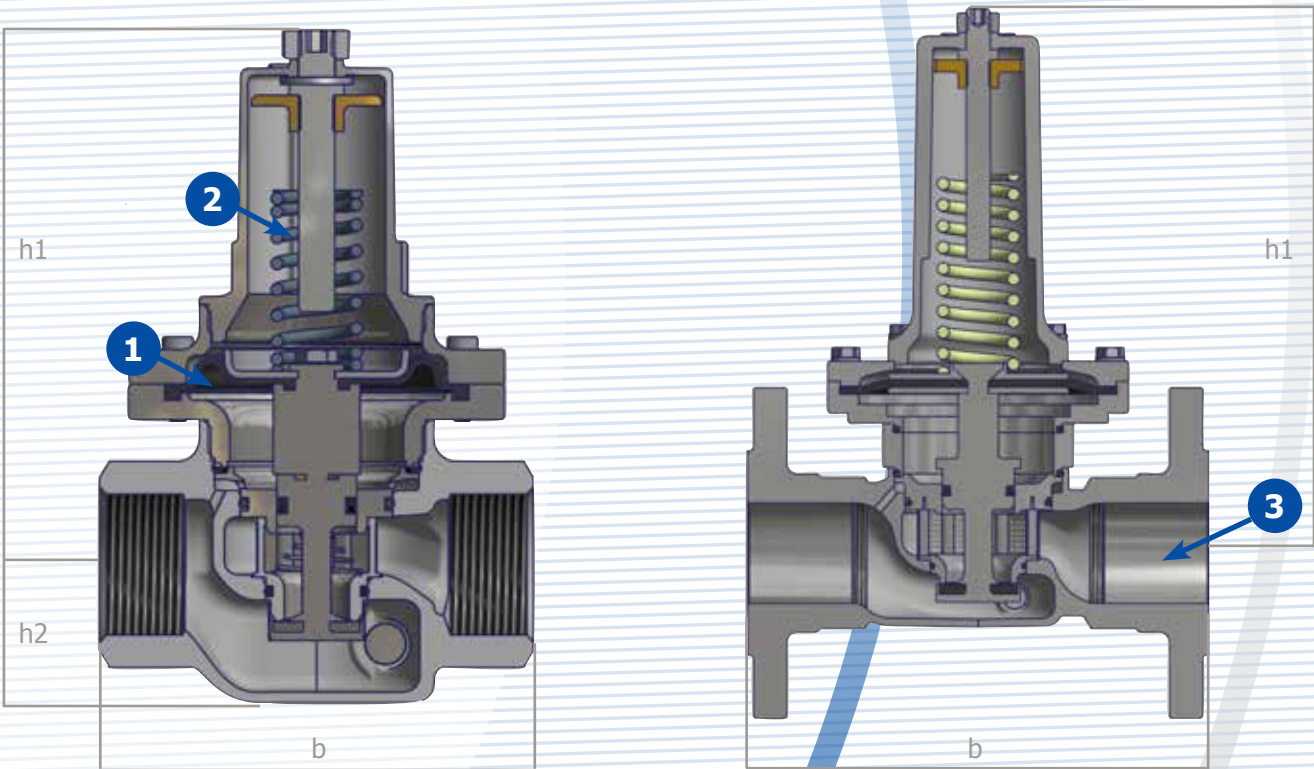
As standard, all low pressure reducers are available with internal thread according to ISO 228 and with flanges as per DIN EN 1092. On request, connection types such as ANSI, JIS, NPT or welding ends are deliverable.

| Nominal Size | Art.no. DRV 750 | Art.no. DRV 850 |
|--------------|-----------------|-----------------|
| DN 15 | 75002 | 85002 |
| DN 20 | 75003 | 85003 |
| DN 25 | 75004 | 85004 |
| DN 32 | 75005 | 85005 |
| DN 40 | 75006 | 85006 |
| DN 50 | 75007 | 85007 |

1 | enlarged control diaphragm for a sensitive control

2 | Outlet pressure from 0.2 - 2 bar

3 | Inlet pressure up to 25 bar



| Nominal Size | kvs-value in m³/h | Dimension h1 in mm | DRV 750 | | | DRV 850 | | |
|--------------|-------------------|--------------------|--------------------|-------------------|--------------|-------------------|----------------|--------------|
| | | | Dimension h2 in mm | Dimension b in mm | Weight in kg | Dimension b in mm | Flange Ø in mm | Weight in kg |
| DN 15 | 2.9 | 137 | 29 | 95 | 1.7 | 130 | 95 | 3.2 |
| DN 20 | 3.9 | 137 | 29 | 95 | 1.6 | 150 | 105 | 3.9 |
| DN 25 | 5.4 | 150 | 39 | 110 | 3.1 | 160 | 115 | 5.9 |
| DN 32 | 6.1 | 150 | 39 | 120 | 3.0 | 180 | 140 | 7.3 |
| DN 40 | 9 | 269 | 37 | 150 | 9.3 | 200 | 150 | 13.7 |
| DN 50 | 13 | 269 | 37 | 160 | 9.1 | 230 | 165 | 15.4 |



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