

**139\_H SERIE**

**1391 HF**
**APPLICATION**

- These high pressure regulators are mainly used as first stage regulation device in high capacity LPG installations like :
  - gas supply for industrial process
  - canalised distribution for domestic gas supply
- They are also used as limiters ( also called monitor).They are then mounted in series with the regulator,and they are set to a pressure which is slightly above that of the latter.
- They can also be used with other non-aggressive gases : Natural Gas,Nitrogen,Air...
- Most of them can be equipped with a safety against overpressure (OPSO) and against underpressure (UPSO).
- Working temperature : -20°C ...+60°C (-4F...+140F)


**1392 HF**
**FEATURES**

- High performance, well stabilised outlet pressure
- Compact and robust design
- Pre-set outlet pressure,internally adjustable
- Connections adapted to the various applications : female or flanges, in line or 90°
- Reinforced diaphragm sealed with an independet O-ring
- Vent protected from rain by a labyrinth design
- Easily dismountable for inspection and maintenance


**1392 HB**
**CONSTRUCTION**

- Housing and cover in die-cast aluminium alloy protected by painting
- Valve body is spheroidal graphite cast iron SF420 or steel (1395)
- Flange connection DN50-PN40
- Diaphragm in NBR complying with EN 549 reinforced with polyamide fibres
- Valve pad and seals,in NBR complying with EN 549
- Spring in zinc coated steel
- Internal sensing device ( 1391-1392 ) , external sensing device (1395),compression fitting Ø 10 mm.
- Valve Ø 17 mm ( 1391-1392 ) , Ø 36 mm (1395)

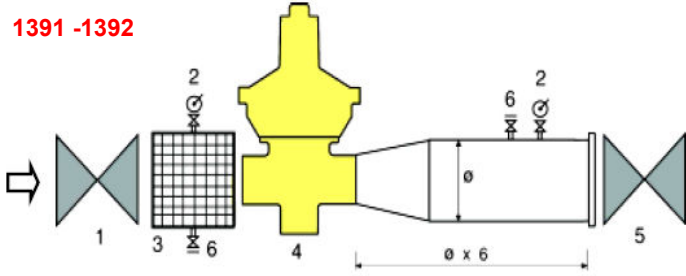
**COMPLIANCE TO DIRECTIVE**

- All regulators are manufactured in compliance with the Pressure Equipment Directive (PED 97/23/CE). In accordance with this directive only those regulators having at least one connection larger than DN25 (1") may be CE marked.


**1395 HB**

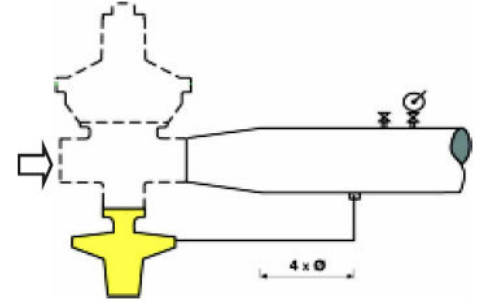
### INSTALLATION

1391 -1392



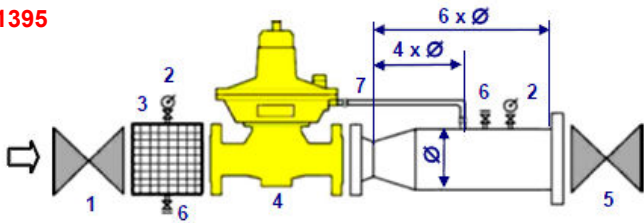
Recommended installation

- 1 - Upstream valve
- 2 - Manometer with nail valve
- 3 - Filter
- 4 - Regulator
- 5 - Downstream valve
- 6 - Discharge valve



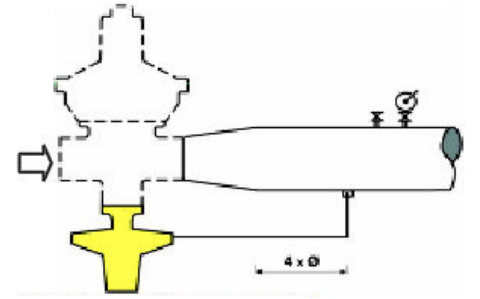
OPSO - UPSO on regulator

1395

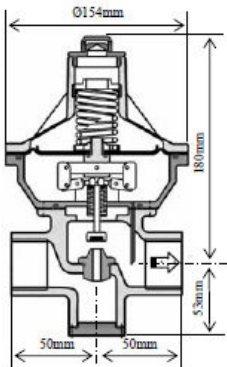


Recommended installation

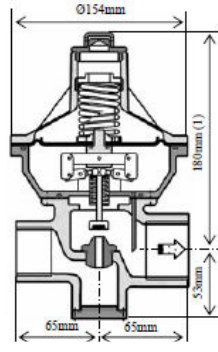
- 1 - Upstream valve
- 2 - Manometer with nail valve
- 3 - Filter
- 4 - Regulator
- 5 - Downstream valve
- 6 - Discharge valve
- 7 - Sensing piping



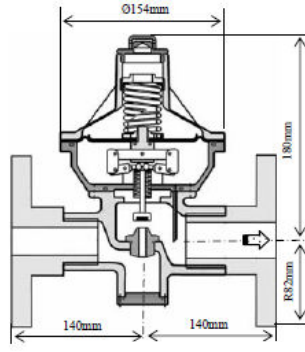
OPSO - UPSO on regulator



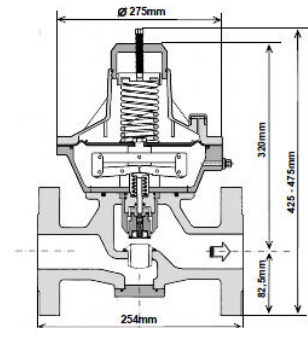
1391 HF



1392 HF



1392 HB



1395 HB

### ACCESSORIES

- OPSO-UPS0 safety device , manometers , filters

1391 HF – 1392 HF – 1395 HB						
Code	Model	Connection	Inlet Pressure	Outlet Pressure	OPSO	UPS0
CN-A10 AP	1391 HF	1"x1"	2,5 – 16 bar	0,3 – 4 bar	-	-
CN-A10 AP/B	1391 HF-OPSO	1"x1"	2,5 – 16 bar	0,3 – 4 bar	600 – 4200 mbar	200 – 900 mbar
CN-A20 AP	1392 HF	1"x1 ½"	2,5 – 16 bar	0,3 – 4 bar	-	-
CN-A20 AP/B	1392 HF-OPSO	1"x1 ½"	2,5 – 16 bar	0,3 – 4 bar	600 – 4200 mbar	200 – 900 mbar
CN-A50 AP	1395 HB	DN50 x DN50	2,5 – 16 bar	0,3 – 4 bar	-	-
CN-A50 AP/B	1395 HB-OPSO	DN50 x DN50	2,5 – 16 bar	0,3 – 4 bar	600 – 4200 mbar	200 – 900 mbar
CN-A50 APF	1395 HB	DN50 x DN50	2,5 – 16 bar	0,3 – 4 bar	-	-