



# HORIZONTAL QUICK OPENING CLOSURE

Quick opening closures are used to allow a quick and easy access inside pressure equipments, such as scraper traps or filters. They are opened without any tool, preventing risk of stark, and are a great time-saver for operating staff.

Thanks to its clamp closure, our quick opening closure is so easily manipulated by only one person that it becomes then inevitable for operators. The perfect closure is also clearly visible to avoid accidental opening under pressure.

Our quick opening closures are qualified by **GRT gaz**.



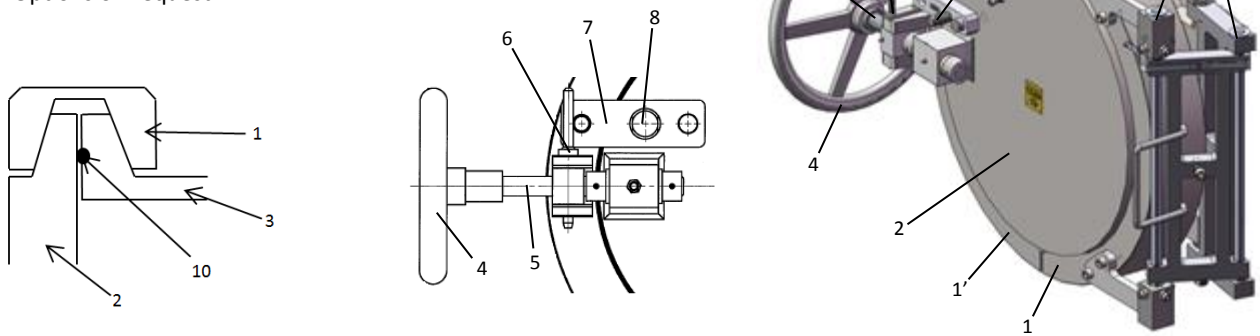
The half-clamp ring (1) welded on the door (2) and the half-clamp ring (1') welded on the barrel(3) are moved closer by the operating system. Conical half-clamp ring progressively clamp the cover (2) and the barrel (3) to crush the O-ring (10) that ensure tightness under pressure. The operating system is composed of several pieces that participate to the device security and also keep it conform to product design codes, CODAP or ASME VIII (UG 35), and to most specifications.

The wheel (4) and the stud bolt (5) make it easy to move the door, when security devices have been released.

- The pin (6) can only be removed when the security bar (7) has been released.
- The security bar (7) can only be removed when security screws (8) have been unscrewed.
- Finally, the security screw (8) cannot be removed when the device is under pressure.

- Opening by only one operator
- Quick opening : 1mn
- Large pressure ratings  
(Class 150 – Class 900)
- Large dimension range  
(2'' – 36'')
- Connection : Butt-welded or flange-mounted
- Options on request

The hinge (9), is designed differently depending on the dimensions of the device and allows a total clearance at the entrance of the device for an easy access.



Non-contractual presentation



# PETROLE GAZ MAINTENANCE EQUIPEMENTS



12" Class 2500



14" Class 600



62" Class 600



40" Class 900



3" Class 900

## SPECIFICATIONS

<b>Dimension range</b>	2" - 64" DN50 - DN1600
<b>Pressure ratings</b>	Class 150 - Class 2500 PN20 - PN420
<b>Product design code</b>	CODAP, ASME
<b>Welding code</b>	EN15614-1/ ASME IX
<b>Material</b>	SA 350 LF2 - P355QH - P420QH - A694 F52/F65/...
<b>Connection</b>	Butt-Welded or by flange-mounted (RF-RTJ)
<b>Design temperature</b>	20°C / +85°C
<b>Tightness</b>	NBR / FKM / AED O-ring
<b>Options</b>	Pup-piece CE Stamp Safety lock Opening/Closing assisted
<b>Opening</b>	Left or Right

This is a non-exhaustive list, any request is studied

## STANDARDS

	DN	50-100	150-250	300-400	450-550	600-700	750-850	900-1000	1050-1150	1200-1300	1350-1450	1500-1600
	Inch	2-4	6-10	12-16	18-22	24-28	30-34	36-40	42-46	48-52	54-58	60-64
Class	Ømm	60.3-114.3	168.3-273	323.8-406.4	457.2-558.8	609.6-711.2	762-863.4	914.4-1016	1066.8-1168.4	1219.2-1320.8	1371.6-1473.2	1524-1625.6
	PN	20	50	100	150	250	420	600	900	1500	2500	4200
150	20	S	M	L	L	L	XL	XL	XL	XL	XL	XL
300	50	S	M	L	L	L	XL	XL	XL	XL	XL	XL
600	100	S	L	L	L	L	XL	XL	XL	XL	XL	XL
900	150	M	L	L	L	L						
1500	250	On specific study	L	L								
2500	420		L									

On specific study

S :

M :

L :

XL :

