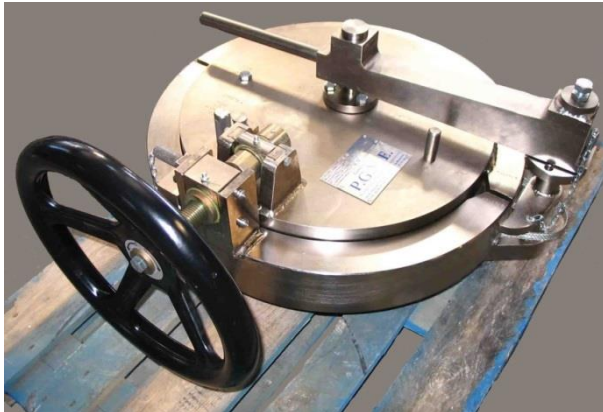


VERTICAL QUICK OPENING CLOSURE

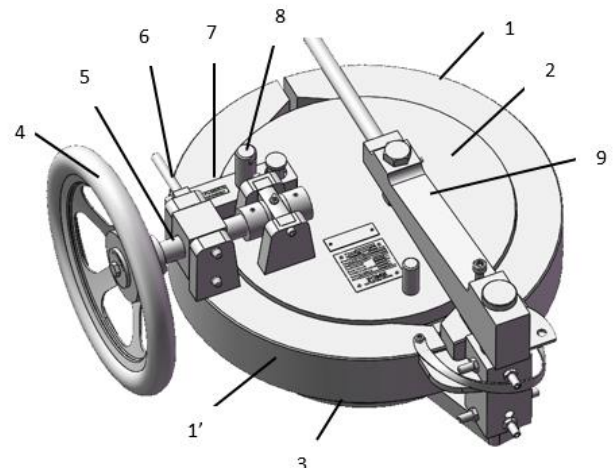
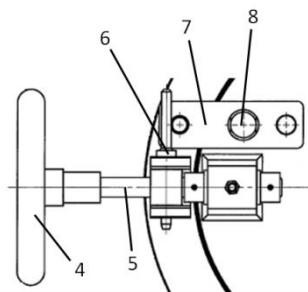
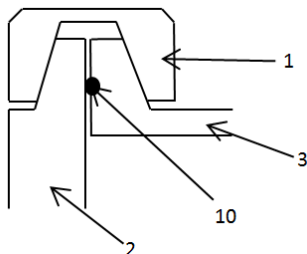
Quick opening closures are used to allow a quick and easy access inside pressure equipments, such as scraper traps or filters. They are opened without any tool, preventing risk of stark, and are a great time-saver for operating staff.

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**.



- 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 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 door (2) and the barrel (3) to crush the O-ring (10) that ensure pressure tightness. The operating system is composed of several pieces that participate to the device security in accordance with product design codes, CODAP or ASME VIII (UG 35), and with most specifications.

The wheel (4) and the stud bolt (5) make it easy to move the cover, 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.

A total clearance at the entrance of the device, for an easy access, is ensured by the rotation of the cover around the support (9) axis.

Non-contractual presentation



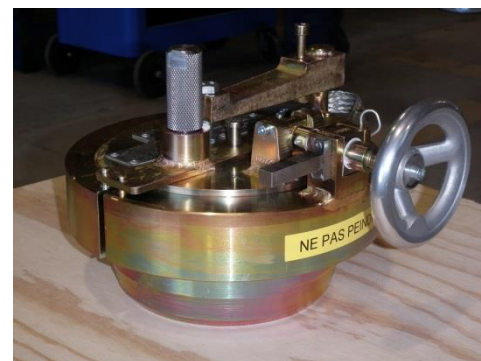
PETROLE GAZ MAINTENANCE EQUIPEMENTS



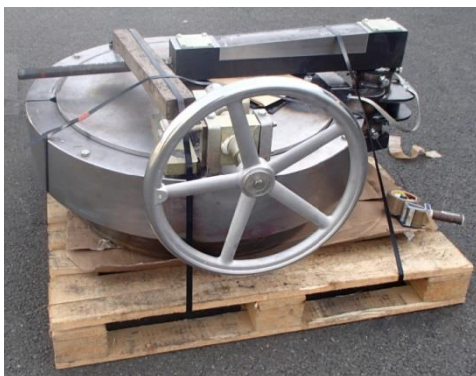
3''-8''-16'' Class 600



6'' Class 900



3'' Class 600



8'' Class 900



10'' Class 600

SPECIFICATIONS

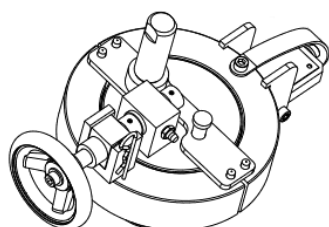
Dimension range	2'' - 40'' DN50 – DN1000
Pressure ratings	Class 150 – Class 900 PN20 – PN150
Type of fluid	Gas or Liquid
Product design code	CODAP, ASME
Welding code	EN15614-1/ ASME IX
Material	SA 350 LF2 – P355QH – P420QH – A694 F52/F65/...
Connection	Butt-Welded or flange-mounted (RF-RTJ)
Design temperature	-20°C / +85°C
Tightness	NBR / FKM / AED O-ring
Options	CE Stamp Safety lock Opening/Closing assisted
Opening	Left or Right

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

STANDARDS

Class	DN	50-80	100-125	150-200	250-300	350-400	450-500	550-600	650-700	750-800	850-900	950-1000
	Inch	2-3	4-5	6-8	10-12	14-16	18-20	22-24	26-28	30-32	34-36	38-40
Class	Ømm	60.3-88.9	114.3-141.3	168.3-219.1	273-323.8	355.6-406.4	457.2-508	558.8-608.6	660.4-711.2	762-812.8	863.6-914.4	965.2-1016
	PN	20	50	100	150	200	250	300	350	400	450	500
150	20	S	S	M	M	M	M	M	M	M	M	M
300	50	S	S	M	M	M	M	M	M	M	M	M
600	100	S	S	M	M	M	M	M	M	M	M	M
900	150	S	S	M	M	M	M	M	M	M	M	M

S :



M :

