

INSTALLATION

WORKING CONDITIONS

During service, the cap including disc is installed on the body.

The tank breathes through disc (a) and disc (b), external particles are filtered by the 2 discs, consequently can not go into tank. During tank unloading under pressure: the cap including disc is removed from the body.

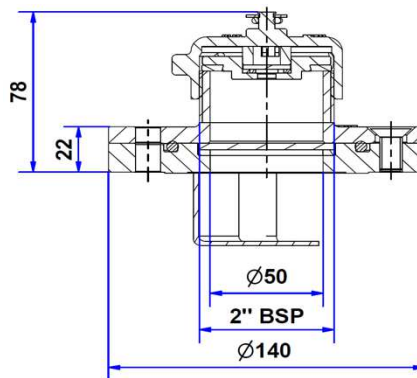
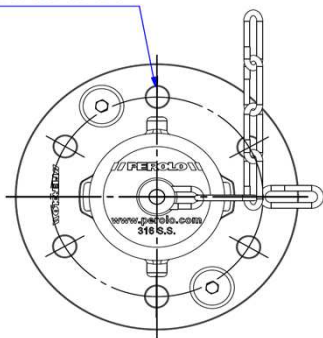
Compressed air flows through disc is filtered at this stage. In case of tank rollover, the liquid flow rate goes through disc (a) and disc (b). The high filtering capability of the discs limits the liquid flow rate to 1 liter per hour at 0.2 bar pressure in the tank.

INSTALLATION ON THE TANK

The breather is installed on a weld-in flange previously welded by the customer. This pad should be welded "out of axis" from the tank center line.

1. Check there is no dirt or grit on both weld-in flange and breather pad
2. Screw the 6 studs
3. Install the seal
4. Instal the breather, the "wave breaker" opening perpendicular to tank center line.
5. Install the 6 washers and nuts
6. Tighten to a torque between 2 and 3 m.daN
7. Tighten the 2 screws which get free when the 6 nuts have been tightened.

6 x Ø11 x PCD105



ITEM	DESCRIPTION	SPECIFICATION	PART NUMBER
2	H2O2 Breather	low flow rate - drilling: 6 holes x Ø11 x 105 PCD	11 15 13 00 00
3	Seal	PTFE lined, Round, flat, drilling 6 x 11 x 105 PCD	11 10 01 60 00
4	Weld-in flange	int dia 76mm, ext dia 140mm, 316L st st, Thickness 22mm, drilling 6 x M10 / PCD105	11 91 35 00 00
1	Screw kit	6 x M10-40 screws & 6 x washers	11 15 13 92 00
Stud kit - not on drawing		6 x M10-35 studs, 6 x nuts & 6 x washers, 316L/1.4404	11 91 35 91 00

