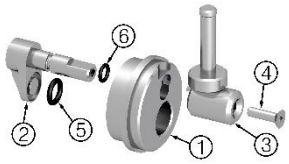
TECHNICAL DATA SHEET 10/2026

HECLIPSE

SAMPLING VALVE

1	BODY	SS 316L
2	GUILLOTINE	SS 316L
3	HANDLE	SS 316L
4	ADJUSTMENT SCREW	SS A2
5	GUILLOTINE SEAL	NBR
6	SPOUT & SHAFT SEAL	NBR
7	SPOUT	SS 316L
8	WASH BOTTLE	PE/POM





PRECAUTIONS FOR USE AND SPECIFIC FEATURES OF THE VALVE

This valve is designed to be fitted to tanks containing **group 2 fluids** at a **maximum pressure of 6 bar** and a **temperature below 100°C**.

This valve is designed to:

1) Offer **excellent cleanability** between samplings, to prevent any contamination of the samples by the valve.
2) **Quickly restore the nominal sampling flow** when grape pomace blocks the valve from the inside.

The ADJUSTMENT SCREW (4) eliminates the axial play between the BODY (1), the HANDLE (3) and the GUILLOTINE (2). Do not tighten it beyond the point where the play is eliminated.

The ADJUSTMENT SCREW (4) must never be removed while the valve is mounted on a tank.

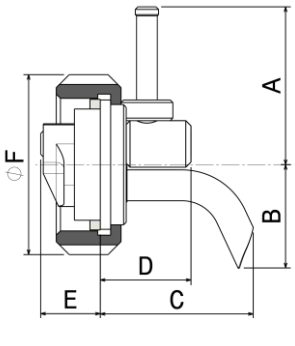
MOUNTING THE BASE ON THE TANK

HECLIPSE is available in three standard versions: Macon 43, DIN 40 and CLAMP (other versions on request).

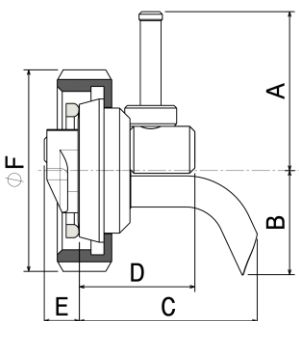
To mount HECLIPSE, your tank must be fitted with a **Macon 43 or DIN 40** male fitting or a **CLAMP ISO 32 or CLAMP DIN 40** ferrule (depending on the HECLIPSE version chosen). These are standard fittings. If your tanks are not fitted with them, you can ask your tank manufacturer or your stainless steel fabricator to install them.

Before mounting HECLIPSE on your tank, always make sure that nothing outside the valve will obstruct the opening/closing of the GUILLOTINE (2).

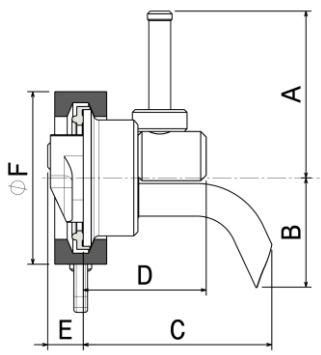
MACON 43



DIN 40



CLAMP



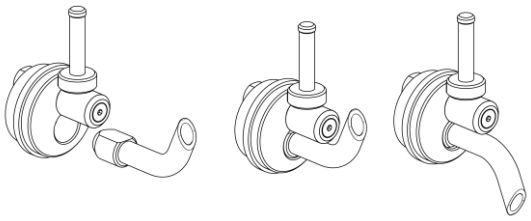
(in mm)	A	B	C	D	E	F
MACON 43	61	42	61	36	23	70
DIN 40			75	45	14	78
CLAMP						63

OPERATION

This valve consists of two parts: the BASE (1,2,3,4,5,6), fixed to the tank, and the sampling KIT (6,7,8). The KIT is sold separately. A single KIT is enough for all your tanks fitted with a BASE.

Sampling:

1 - Insert the SPOUT (7).



2 - Lift the washer on the HANDLE (3) and turn the HANDLE clockwise to open the valve.

3 - Turn the HANDLE anti-clockwise to close the valve. The washer on the HANDLE (3) must drop back into the notch in the BODY (1).

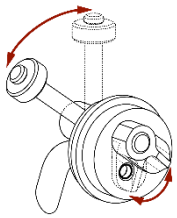
4 - Remove the SPOUT (7), clean it with the WASH BOTTLE (8) and store it on the WASH BOTTLE (8).

5 - Clean the BODY (1) with the WASH BOTTLE (8).

Note: the WASH BOTTLE (8) must be filled with a suitable cleaning solution (for example, an alcohol-based solution).

Clogging during winemaking:

If grape pomace clogs the valve while you are taking a sample, simply operate the HANDLE (3) several times. The GUILLOTINE (2) expels the particles within seconds.



DISMANTLING THE BASE FOR MAINTENANCE

1 - Unscrew the ADJUSTMENT SCREW (4).
2 - Remove the HANDLE (3) from the front.
3 - Remove the GUILLOTINE (2) from the rear.

Reverse these steps to reassemble the valve.

ROUTINE MAINTENANCE

The SEALS (5,6) must be visually checked at least once a year. Replace them at the first sign of wear.

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