

During the phase A the system has not reached the fixed flow, therefore the liquid is conveyed back to the Hydrocyclone; in the phase B, with the suitable flow, separation is obtained and the processed liquid can be conveyed to the waste (8).

Technical features

HYDROCYCLONE ISO 18

Name : HYDROCYCLONE ISO 18

Classification according to ISO 11143 : Type 4

Maximum flow according to ISO 11143 : 18 l/ min.

Degree of separation according to ISO 11143 with 18 l/ min. flow : > 98 %

Degree of separation according to ISO 11143 with 0,5 l/ min. flow: > 98 %

Amalgam container capacity : 250 ml

Room temperature : max. +40 °C, min. +5 °C

Control panel voltage drive : 12 V DC

Amalgam level sensor voltage drive : 14 V DC

Dimensions: H = 415 mm, L = 190 mm, W = 225 mm

Hydrocyclone ISO 18 is supplied with the "Separatore Centrifugo Compatto" of which you will find some details listed below.

"SEPARATORE CENTRIFUGO COMPATTO"

Name : "SEPARATORE CENTRIFUGO COMPATTO"

Electric power supply : 230 - 240 V 1 ~ 50 Hz 2,8 A , 230 - 400 V 3 ~ 50 Hz 2,2 -1,3 A

Maximum allowed negative pressure : 300 mbar

Connection

- Electrical shock risk : also 230V ~ can be lethal.



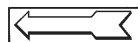
- General danger sign.



- Biological danger, risk of infections from epidemic diseases.



- Compulsory direction of flow or of rotation.



This section is intended to illustrate the connections between the Hydrocyclone ISO 18 and the "Separatore Centrifugo Compatto".

Hydraulic connection (draw. 3 page 43)

All the connections must be properly fixed and secured using a mechanical securing system like a pipe clamp.

For the connections use only original hoses. Replace them every two years at the latest. Do not use hoses with a diameter different from the one of the hoses originally supplied with the Hydrocyclone.

- Hose inlet connection (12) to the Hydrocyclone Hose diameter d = 17,5 mm
- Re-circulation hose connection (13) Hose diameter d = 17,5 mm