

Water cooling circuit connection

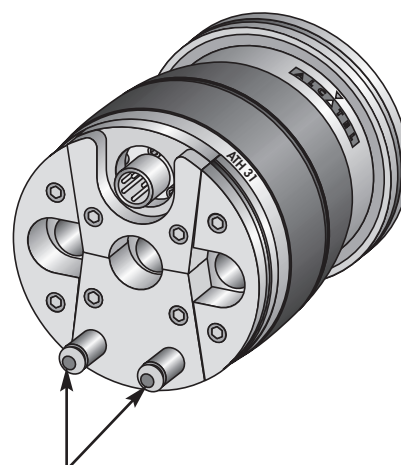
Characteristics of water cooling

In order to limit the corrosion and clogging of the cooling pipes, it is recommended to use cooling water with the following characteristics:

- treated soft water or non-corrosive industrial water.
- pH between 7.5 and 11.
- hardness < 7 milli-équivalent/dm³.
- Resistivity > 1500 Ω.cm.
- Solid pollution < 100 mg/dm³.
- Max. pressure: 7 bars.
- Temperature: 10 < T < 25°C.

Connection

- Provide a water inlet pipe and a tap to adjust the flow rate.
- Place a drop of adhesive on the 2 nipples and screw them into the holes.
- Connect the water inlet line to one of the nipples, with the other connected to the water draining circuit via a flexible tube (int. diam. 4 mm - ext. diam. 6 mm) (supplied by customer).



Water inlet and outlet
(any direction)

Water flow control

The water flow rate may be able to get the pump housing temperature between 25° C and 30° C when the pump is running at ultimate vacuum .

The pump temperature can be read on the controller display (**see C 20**), on the 0-10 V analog output (**see B 80**) or displayed on a computer screen via RS 232/ RS 485 (**see B 100**).