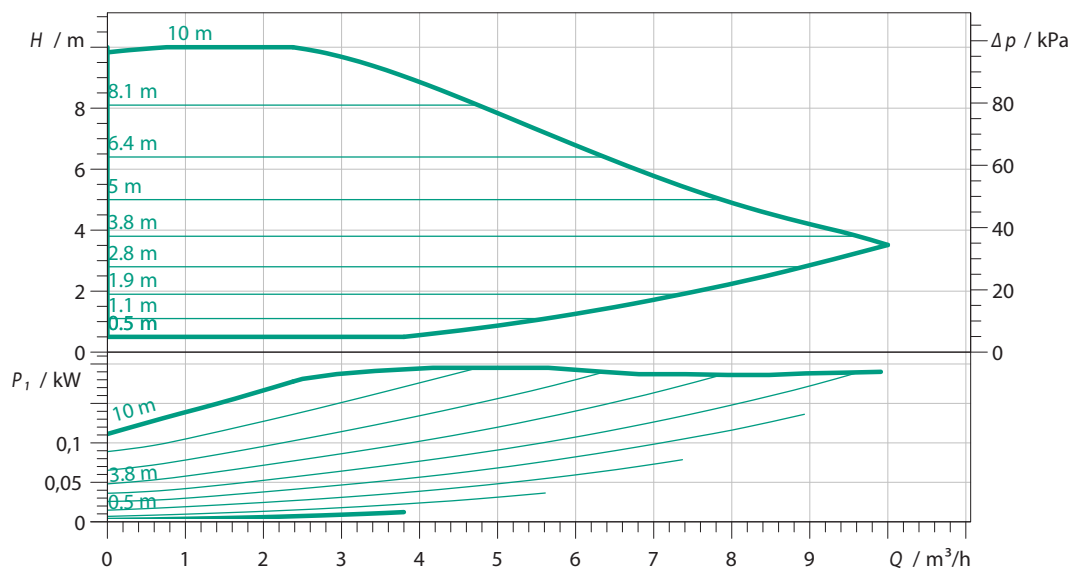


1 SINGLE UNITS

For GAHP/GA single units, water pumps are always optionally supplied and are all of the high-efficiency modulating type (F02). For the single AY appliances, the water pumps are the high-efficiency fixed-flow type (F01) and are already mounted and wired

inside the appliance. In the AY 100 appliance there are two water pumps, one for each heating module. Below is the common characteristic curve for the two water pump types.

Figure 1.1 Oversized pressure head circulating pump characteristic curves



2 LINK

The Link can be:

- ▶ already equipped with water pumps for each module (preferred configuration in many applications)

or

- ▶ without water pumps, in which case it is required to install at least one common water pump, on the primary circuit (this choice should be carefully evaluated, discussing it in advance with Robur technical service)



If there is at least one AY boiler, it is mandatory to provide Link with water pumps for each individual module.

In Link already equipped with water pumps, each individual GAHP/GA/AY module that is part of the Link has (at least) one individual independent fixed-flow, high-efficiency water pump (F01).

The characteristic curve of the water pump is shown in Figure 1.1 p. 1.



The water pumps are installed externally to the GAHP/GA modules, and are provided with a suitable protective cover, while for AY modules the water pumps are installed internally to the unit itself.