

FlowFriend - Pumps

FlowFriend pumps are way ahead in the field of pumping water energy efficiently. The FlowFriend complies with the highest industrial MEI category (above 0.7). This “Minimum Efficiency Index” is related to the efficiency of the motor, as well as the pump’s hydraulics.

The motor speed can be adjusted as standard with every type of FlowFriend. The pump includes a display for this purpose that also shows power consumption and hours of operation. Each FlowFriend can also be controlled externally via an optional 0-10V port. The FlowFriend pumps have a remarkably high efficiency at both high and low rpm.

The FlowFriend is available in three models, all of which use the same motor, but with a different pump housing and rotor installed. This means that the optimal FlowFriend can be selected for every field of application. The FlowFriend’s hydraulics are entirely made of cast 316 stainless steel. Robust, smooth and a perfect shape to keep internal losses to a minimum.

FlowFriend Standard

The optimal field of application for the FlowFriend Standard is a pump head between 1 and 5 meters. The hydraulics have been designed such that greater pressure is available than with the PRO. If there is higher back pressure to any extent, resulting for example from longer hose lengths, numerous bends and difference in height, then this FlowFriend Standard is the optimal choice.



FlowFriend PRO

The PRO is an axial-flow (propeller) pump and has a low pump lift and large water volume. For example at 50 cm a capacity of 50 m³/h is available at a consumption of 200 watts. The FlowFriend PRO has a suction/pressure connection of 125 mm in order to minimise internal pump losses. The Pro is very suitable for uses with drumfilters and recirculation systems (fish farms).



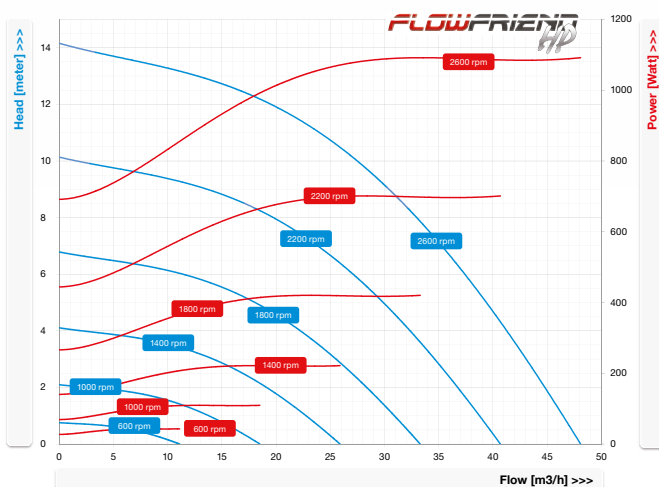
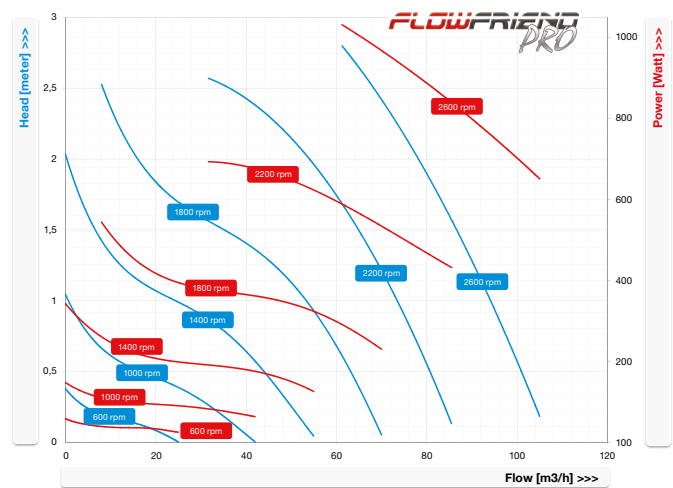
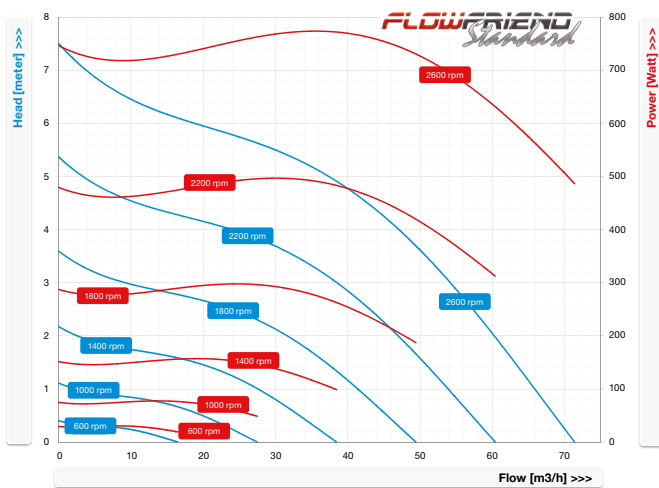
FlowFriend HP

The HP has a pump housing with a more closed rotor and greater pressure as a result. The HP is primarily intended for lifts from 4 Meter and has a maximum pressure of 14 Meter. The HP is for instance extremely well suited to sand filters and waterfalls. The HP is an excellent choice as well for pipes containing several bends, fittings and fixtures, such as UV and heating.



TECHNICAL SPECIFICATIONS

	FlowFriend STANDARD	FlowFriend PRO	FlowFriend HP
Capacity (m ³ /h)	5-70	5-110	5-50
Pump lift max (Meter)	7,2	2,5	14,1
P1 Power (W)	30-750	30-800	30-150
Voltage (V)	100-230	100-230	220-230
Frequency (Hz)	50-60	50-60	50-60
Motor housing	Aluminium	Aluminium	Aluminium
Protection class	IP55	IP55	IP55
Suction side / Pressure side	3" BSP / 3" BSP	125 mm / 125 mm	3" BSP / 2,5" BSP
Material hydraulics	RVS 316L	RVS 316L	RVS 316L



- energy efficient
- standard flow/rpm controls
- optional 0-10V control
- high flows at low energy consumption
- quiet
- 3 different optimized pump housings
- optimal adjustment for versatile application
- a premium efficiency IE4 motor
- motor developed and manufactured in Germany
- can be used anywhere in the world: voltages ranging from 100-240 V / 50-60 Hz

