

PUMP PERFORMANCE CURVES

What is the pump performance curve used for?

The pump performance curve, also referred to as performance data, helps you in correctly advising customers. It shows the relationship between the flow-rate (Q) and the delivery head (H) of a pump.

Determining the operating point (example)

The pump should displace water 1 m above the water surface. At the operating point* you can read out that e.g. by a PondoMax Eco 1200 approx. 600 l/h are displaced (determined theoretically). Small hose diameter, the hose length and built in curvature can change the value in the extreme.

The delivery head is specified in mwc (metre water column). 1 mwc ~ 0.1 bar.

