

Product information according to European Commission's Regulation (EU) No. 547/2012 of June 25, 2012.

Relevant pump series

The following series of water pumps are included in the EU Regulation No. 547/2012:

Water pump, end suction own bearing; ESOB

Water pump, end suction close coupled; ESCC

CNLe, CNLBe and DHBe (water pump, end suction close coupled inline; ESCCi)

Water pump, vertical multi-stage; MS-V

Exceptions are pump sizes with a shaft output larger than 150 kW (Article 2, Paragraph 2).

Minimum Efficiency Index:

The relevant pump series fulfill the legal requirements for efficiency as described in Annex II, 1 of the regulation. The Minimum Efficiency Indexes (MEI) of all pump sizes is ≥ 0.10 (Benchmark MEI ≥ 0.70).

The MEI specified on the pump is based on the speed of 1450 or 2900 min⁻¹.

Performance curves:

Performance curves of the pump, including efficiency curves, can be procured at IRON Pump A/S.

The efficiency of a pump with a trimmed impeller is usually lower compared to a pump with a full impeller diameter. The trimming of the impeller will adapt the pump to a fixed duty point, leading to reduced energy consumption. The minimum efficiency index (MEI) is based on the full impeller diameter.

The operation of this water pump with variable duty points may be more efficient and economic when controlled, e.g. by using a variable speed drive to match the pump duty to the system.

Disassembly, recycling, disposal:

Information about disassembly, recycling or disposal following decommissioning of the water pump will be apparent from the relevant operating and service instructions.

About the efficiency reference value

Information about the efficiency reference value is available at <http://www.europump.org>

Reference value charts:

Reference value charts for MEI = 0.7 and MEI = 0.4 are available at www.europump.org/efficiencycharts