

Comparison Turbine In-line Proportioners and FIREMIKS[®]- system.



Turbine In-line Proportioner	FIREMIKS [®] -system
The water motor is of an open turbine type and the volume/revolution in the water motor differs with fluctuations in pressure and flow.	The water motor is of a tight displacement type = volumetric type. This makes the volume/revolution stable even with fluctuations in pressure and flow. (In practice it can be used as a flow meter.)
The open turbine type makes the ratio foam pump/water motor (i.e. the dosing rate) sensible for fluctuations in pressure and flow. This gives less safe margin in a system.	The tight displacement type makes the ratio foam pump/water motor (i.e. the dosing rate) more stable against fluctuations in pressure and flow. This gives a better safe margin in a system.
Working pressure range normally 5-10 bar.	Working pressure range 2 – 12 bar (Gear pump), 2-16 bar (Piston pump)
Flow ratio (min-max flow) normally less than 1:2 and within a limited pressure window. For example, 3,000 – 5,000 lpm	Flow ratio (min-max flow) 1:2 to up to 1:15 depending on model, pump type and concentrate used (consult Data sheet for each model for details)
Type: Fixed	Types: Fixed, Mobile.
Dosing alternatives: either 1 % or 3 %.	Dosing alternatives: Either 0,5%, 1 %, 2%, 3 % or 6 %. Others available on request. Selectable dosing rates, e.g. 3 % / 6 %, 1%-2%- 3%.
Water motor connections; only flanges.	Water motor connections in customer's choice; for example, flanges, threads, cut groove or any other type can be specified.
Made in Bronze, AISI316L, Titanium, or other specified materials.	Water motor made in PTFE-coated and hard-anodized Aluminum (6082). Navan Bronze available optionally, on some models also stainless-steel ASTM 316L. Other specification possible on request.

Disclaimer: The information in this document is based on our knowledge for the time being. For updated information please check with manufacturers directly.

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We reserve the right to make changes in the specifications without prior notice. Production is made according to

European Directive 2006/42/EC  and conforms to applicable parts of NFPA 11 and NFPA 1901. 