



Immersion Pumps

series TH and FH use closed impellers in order to minimize power consumption and to optimize hydraulic pump efficiencies.

In addition, the TH series offers high pressures at short immersion depths. Inline pumps of the series FH can be used as boosting pumps if provided with positive inlet pressure. This inlet pressure can be provided by the central coolant supply or a feed pump. In such a setup, pumps of the series FH can raise the incoming pressure by up to 375 PSI (26 bar).

Longer pump lengths and threaded inlets are available upon request.

Please see mechanical/hydraulic features in the Technical Information section of this catalog or call 248-926-9400 for details.

Applications

- Types of fluid
 - Industry water
 - coolants
 - cooling/cutting oils
- Kinematic viscosity
 - ...115 SSU (...25 mm²/s)
- Pumping temperature
 - 30...175 °F (0...80 °C)

Construction

Pump body	cast iron
Cover	cast iron
Impellers	CrNi-steel
Shaft	CrNi-steel
Diffusers	CrNi-steel
Mechanical seal	SiC
O-rings	Viton®
Optional:	
Pole-changing motor	4 - 2 poles
Noise level	
(S)TH1402	66 dBA
(S)TH1403...(S)TH1404	74 dBA
(S)TH1405...(S)TH1407	77 dBA
(S)TH1408	79 dBA
(S)TH1409...(S)TH1412	81 dBA



For position of terminal box, see mechanical features within the technical information section.

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