

Closed impellers



Pressure Boosting 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 26 bar.

A **frequency converter** can be supplied for **special applications** or for matching the pump characteristic to a specific duty point.

See page "Control/Regulation" in the Technical Information section of this catalog for further information.

Applications

Types of fluid
Industry water
coolants
cooling/cutting oils
Kinematic viscosity
1 mm²/s (1 cSt)
higher viscosity upon request
Pumping temperature
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: Pump body	bronze
Cover	bronze

Noise level	
FH203...FH222	58 dBA
FH223...FH240	63 dBA

