



- High efficiency
- Low NPSH
- Minimized total cost of ownership (TCO)

Process pump type Ensival Moret EMTECH

EMTECH pump range has been designed for various process pumping applications. It fulfills energy efficiency regulations across all industries and exceeds the requirements of ISO 5199 international standard. Efficient hydraulics reduce total cost of ownership (TCO).

Main applications

The EMTECH process pump range has been designed to meet the process requirements in versatile general and industrial applications such as:

- clean and slightly contaminated liquids
- viscous liquids
- fibrous slurries
- sticky liquids

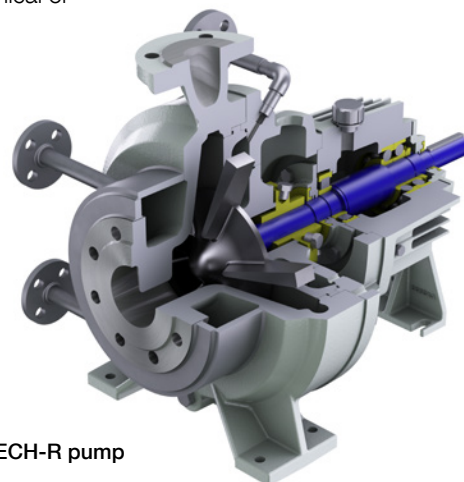
EMTECH-R pump for specific applications

The EMTECH pump range with heating/cooling jacket offers also reliable and safest solutions for demanding applications such as:

- molten sulphur
- ammonium nitrate
- high/low temperatures

Design

- Construction in accordance with ISO 5199 and dimensions in accordance with ISO 2858
- High efficiency hydraulics
- Low NPSH (net positive suction head)
- Back pull-out design: dismantling without disturbing piping or motor
- Open or closed impeller
- Shaft sealing with mechanical or hydrodynamical seal
- Collection chamber with drain for seal/process liquid in case of seal failure
- Easy and fast installation with standard coupling or V-belt drive
- Heating or cooling jacket as option
- Maximum interchangeability of parts throughout the range



EMTECH-R pump

Process pump type Ensival Moret EMTECH



Oil and gas



Hydrocarbon processing



Power generation



Pulp, paper and board



General industry



Chemical process industry

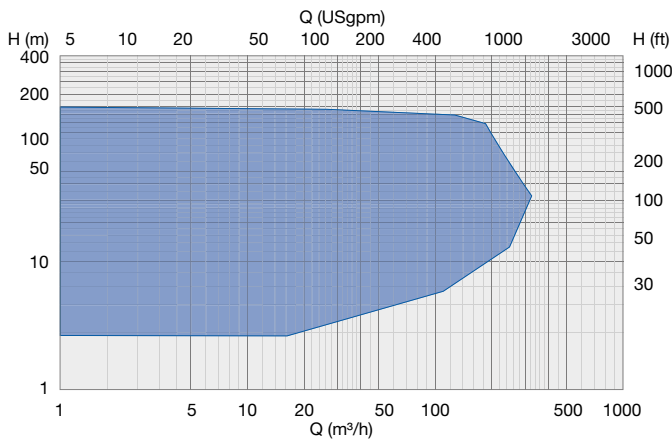


Water and wastewater

Operating data

50 Hz		60 Hz
up to 350 m ³ /h	Capacities	up to 1'540 USgpm
up to 160 m	Heads	up to 525 ft
up to 20 bar	Pressures	up to 290 psi
up to 180°C	Temperatures	up to 356°F
up to 3'000 rpm	Maximum speed of rotation	up to 3'600 rpm

Performance range



Materials

Standard material options	Material
Duplex stainless steel	A890 CD4MCuN
Super austenitic	A743 CN7M
Cast iron	A48 class 35B

Other materials upon request: titanium, Hastelloy, nickel etc.