**Magnetic Pump**

**Features**
- Close-coupled design.
- Polypropylene or PVDF construction.
- Replaceable shaft.
- Neodmium magnets to handle specific gravity (SG≤ 1.8).
- Mounts to standard NEMA and IEC motor frames.
- Mounts to motor without disassembly.
- Back pullout design.
- Sealless design—no mechanical seals to leak.
- Two piece impeller design.

**Industries & Applications**
- Chemical manufacturing
- Metal plating/working
- Wastewater treatment
- Fume scrubbing
- Mining
- Paper mills
- Printing
- Pharmaceutical processing
- Agriculture
- OEM equipment supply
- General pump applications

**Capabilities**
- Up to 70% operating efficiency
- High working pressure up to 90 psi
- High specific gravity handling—over 1.8*
- Maximum viscosity: 150 cP
- Maximum Temperature:
  - Polypropylene - 180° F (82° C)
  - PVDF - 220° F (104° C)

Series MTD provides the latest enhanced design changes to seal less magnetic drive horizontal centrifugal pumps. Intended to provide ease and simplicity of operation the MTD series comes with a back pull out design allowing quick and easy service.

MTD incorporates the strongest magnets made from Neodymium material capable of handling specific gravit to 1.8. The use of this strong material assures trouble free start up, hydraulically efficient and continuous duty performance.

Carbon bushings allows the MTD design to ward off damage from extended dry run conditions where others fail. Pumps available with Polypro or Kynar along with optional bushings made of PTFE or silicon carbide materials handle even the most corrosive of applications making the MTD series the right choice.
Series MTD

MTD-1/4

1" FNPT Inlet X 1/2" MNPT Outlet

MTD-1/2

1" FNPT Inlet X 1" MNPT Outlet
3.88" Impeller 60Hz
4.18" Impeller 50Hz
Series MTD

**MTD-3/4**

1-1/2" FNPT Inlet X 1" MNPT Outlet
3.63" Impeller 60Hz
4.18" Impeller 50Hz

**MTD-1 & MTD1-1/2**

1-1/2" FNPT Inlet X 1-1/2" MNPT Outlet
3.50" Impeller 60Hz
4.18" Impeller 50Hz
**MTD-2**

2" FNPT Inlet X 1-1/2" MNPT Outlet

4.63" Impeller 60Hz
5.23" Impeller 50Hz

**MTD-3**

2" FNPT Inlet X 1-1/2" MNPT Outlet

5.13" Impeller 60Hz
5.75" Impeller 50Hz

**MTD-2 / MTD-3**

PUMP WEIGHT - 27 lbs (12.2 kg)
MOTOR WEIGHT - 31 lbs (14 kg)