

Magnet drive coupled external gear pumps

MTC series

The MTC range of compact magnetically driven gear pumps from Fluid-o-Tech extends the range to over 40 lpm.

The pump offers precision performance to critical applications where environmental concerns or system pressure dictate the need for a leak-free coupling to the motor.

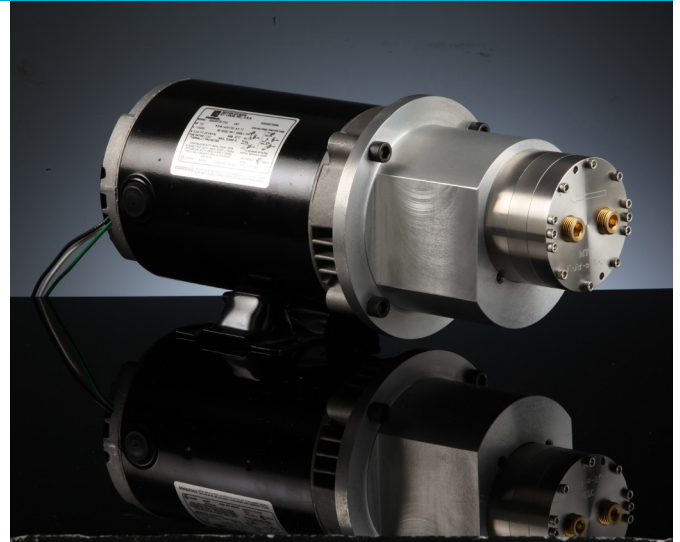
The magnetic coupling provides synchronous connection to the motor without the hazards of a shaft seal or mechanical coupling. The pump housing self-aligns and bolts directly to the motor.

The AISI 316L stainless steel construction with engineered polymer gears and bearings provide quiet and pulse free delivery and compatibility with a wide range of fluids.

Rare earth magnets are supplied as standard with options to operate in extreme conditions to 120°C, 10 Bar differential or >1000 Cps viscosity.

Available upon request:

- For operation above 60 °C (140 F) gears are sized for heat expansion
- Coupling torque options are 240 in-oz and 460 in-oz

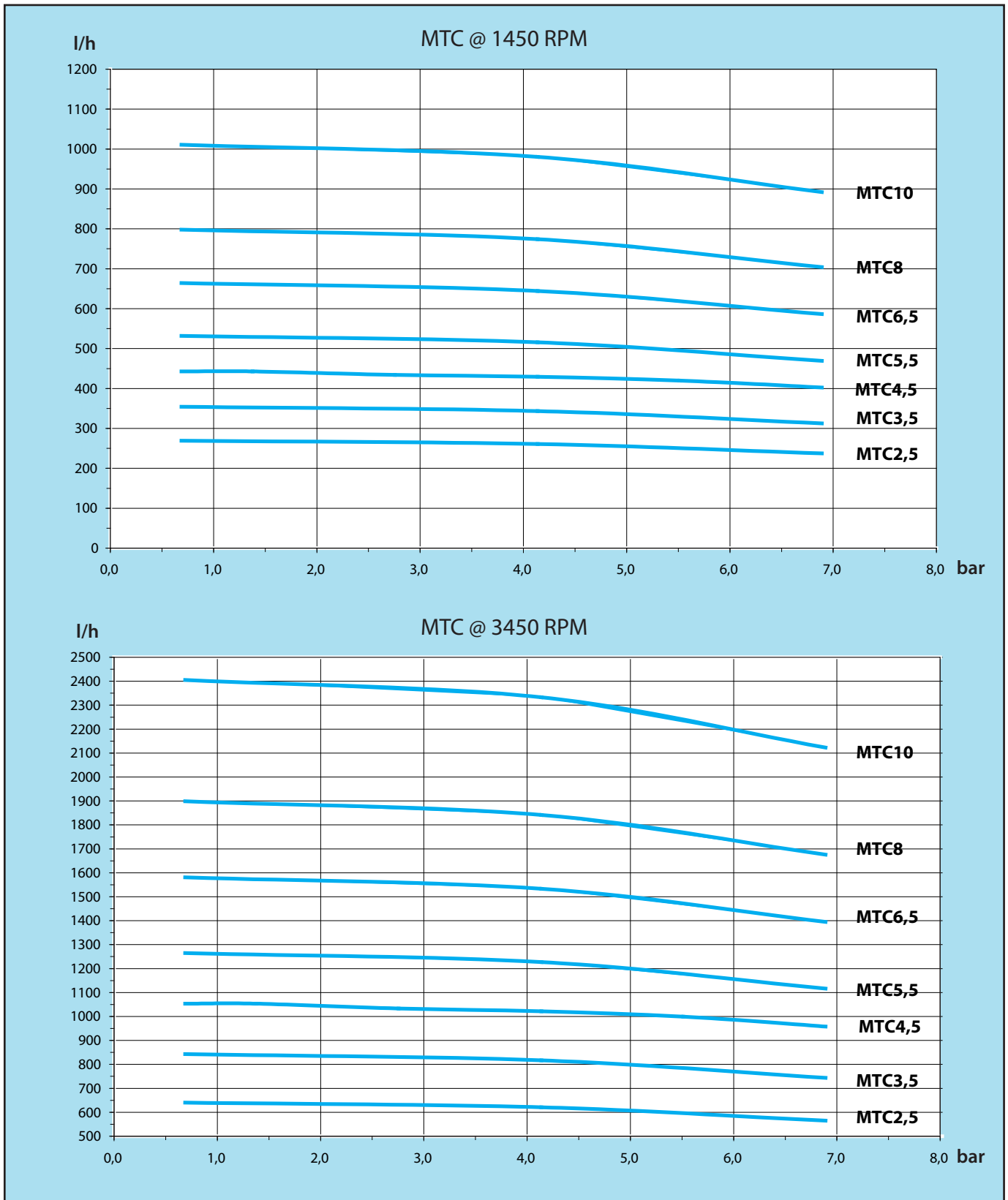


MAIN APPLICATIONS

- X-ray equipment heat transfer fluids
- Semi-conductor process cooling
- Chemical transfer
- Metering
- Water purification
- Process temperature control
- Pumping of most clean or filtered fluids

TECHNICAL INFORMATION

Pump housing material	Stainless steel	Max static pressure	35 bar/500 psi
Gears and bushing materials	PPS	Temperature range	PPS to 120 °C/248 F
Ports	3/8" - 1/2" - 3/4" NPT	Viscosity range	3 to 1000 Cps
Speed limit	4.000 rpm	Max vacuum	724 mmHg/28 inHg



Fluid-o-Tech reserves the right to alter the specifications indicated in this catalogue at any time and without prior notice.

Fluid-o-Tech srl
 Via Leonardo da Vinci, 40
 20094 Corsico, Milano, Italy
 Tel. +39 02 8917071
 Fax +39 02 89170799
 info@fluidotech.it

Fluid-o-Tech Int'l Inc.
 161 Atwater St.,
 06479 Plantsville CT (USA)
 Tel. +1 (860) 276-9270
 Fax +1 (860) 620-0193
 info@fluid-o-tech.com

Fluid-o-Tech Int'l Inc. Japan
 203, 2-17-19, Ebara, Shinagawa
 Tokyo 142-0063, Japan
 Tel. +81 (0) (3) 3783-9660
 Fax +81 (0) (3) 3783-9661
 k.kato@fluidotech.com

Fluid-o-Tech Asia (Beijing) Co., Ltd
 Jingwei Industrial Zone,
 Beifang Huairou, Beijing, 101400, PRC
 Tel. +86 (0) (10) 61684650
 Fax +86 (0) (10) 61684651
 info@fluidotech-asia.com