



# GP DC Magnetic Drive Gear Pump

Strong Acid & Alkali Resistant Type Magnetic Drive Gear Pump MG200YT/DC24

## >> Product Description



MG200YT / DC24 Magnetic drive gear pumps, the use of DC brush motor as the driving force, and the outer magnetic ring Motor shaft rare earth permanent connection, magnetic drive gear pump. Its advantages are simple structure, small size, large torque, by changing the voltage adjustment Motor Rev., to achieve flow regulation. MG200 full range of gear pumps are configurable brush motor.

## >> Product Futures

|             |   |
|-------------|---|
| Pump Type   | DC Magnetic Drive Gear Pump ( 24V Brush Motor)  |
| Medium      | The liquid containing the particle diameter of $\leq 20$ microns; PEEK hardness less than the hardness of the particles.                                  |
| Temperature | The transmission medium temperature: $-30^{\circ}\text{C} \sim 100^{\circ}\text{C}$ (except frozen), ambient temperature: $-30 \sim 50^{\circ}\text{C}$ . |
| Environment | High pressure (20bar) used in a closed system under vacuum ( $-0.8\text{bar}$ ).  |
| Materials   | The inner rotor gear pump for NdFeB magnets PPS plastic coated, static sealing material is PTFE; rotor cover material Stainless Steel 316.                |

## >> Technical Parameters

| Model        | Rated Pressure | System Pressure | Speed Range | Medium Viscosity | Flow Rate   | Gear Height | Shell Material      | Gear Material |
|--------------|----------------|-----------------|-------------|------------------|-------------|-------------|---------------------|---------------|
| MG204YT/DC24 | 5 bar          | -0.8~20 bar     | 4000 rpm    | 0.2~3000 cps     | 1000 ml/min | 4 mm        | Stainless Steel 316 | PEEK Plastic  |
| MG209YT/DC24 |                |                 |             |                  | 2000 ml/min | 9 mm        |                     |               |
| MG213YT/DC24 |                |                 |             |                  | 3000 ml/min | 13 mm       |                     |               |
|              |                |                 |             |                  |             |             |                     |               |
|              |                |                 |             |                  |             |             |                     |               |
|              |                |                 |             |                  |             |             |                     |               |

## >> Outline Dimension

