

## **GP DC Magnetic Drive Gear Pump**

Strong Acid & Alkali Resistant Type Magnetic Drive Gear Pump MG200XK/DC24WI

>> Product Description



MG200XK / DC24WI Magnetic drive gear pumps, the use of DC Brushless Motor powered, rare earth permanent magnet Motor shaft and the outer magnetic connection, magnetic drive gear pump. Brushless Motor Motor drive is installed in the rear, and the drive to achieve Motor Integration. Its Rev. advantage is adjustable, with speed and reverse rotation, low noise, small size, coupled with the host computer can achieve intelligent control. suitable pump integrated device with limited space for construction, long-term stability. MG200 full range of gear pump head You can use the built-driven Brushless Motor.

## >> Product Futures

| Pump Type     | DC Magnetic Drive Gear Pump (24V brushless motor)  |  |  |  |  |
|---------------|--|--|--|--|--|
| Medium        | The liquid containing the particle diameter of ≤20 microns; PEEK hardness less than the hardness of the particles.                         |  |  |  |  |
| Temperature   | The transmission medium temperature: -30 °C ~ 100 °C (except frozen), ambient temperature: -30 ~ 50 °C. Humidity:. ≤75%.                   |  |  |  |  |
| Speed Control | Built-in drive voltage 0 ~ DC5V governor. 0 ~ 5V pulse signal output for speed or constant speed control.                                  |  |  |  |  |
| 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<br>Pressure | Max Power  | System<br>Pressure | Speed Range  | Flow Rate       | Gear Height | Shell Material      | Gear Material |
|----------------|-------------------|------------|--------------------|--------------|-----------------|-------------|---------------------|---------------|
| MG204XK/DC24WI | 5 bar             | 70 / 120 W | -0.8~20 bar        | 200~4000 rpm | 50~1000 ml/min  | 4 mm        | Stainless Steel 316 | PEEK Plastic  |
| MG209XK/DC24WI | 5 bar             | 70 / 120 W | -0.8~20 bar        | 200~4000 rpm | 100~2000 ml/min | 9 mm        | Stainless Steel 316 | PEEK Plastic  |
| MG213XK/DC24WI | 5 bar             | 70 / 120 W | -0.8~20 bar        | 200~4000 rpm | 150~3000 ml/min | 13 mm       | Stainless Steel 316 | PEEK Plastic  |
|                |                   |            |                    |              |                 |             |                     |               |
|                |                   |            |                    |              |                 |             |                     |               |
|                |                   |            |                    |              |                 |             |                     |               |

## >> Outline Dimension



