

## MG200 Series / Magnetic Drive Micro Gear Pump (DC brush motor)

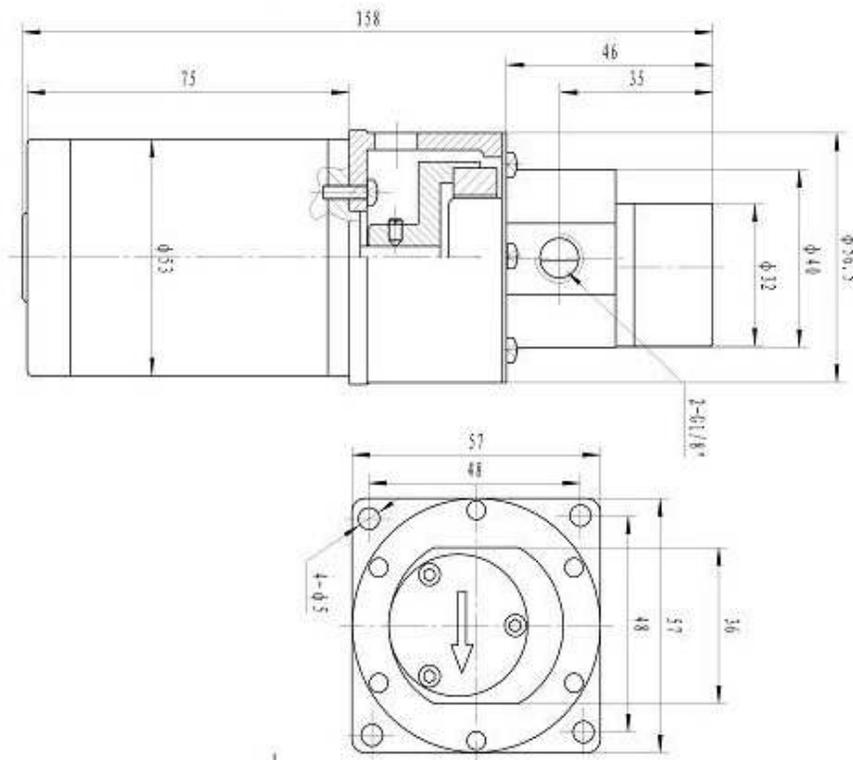
### Introduction:

1. Magnetic gear pumps, using magnetic coupling drive without leakage, 316 stainless steel shell, PEEK material gear, PTFE materials for the static sealing and bearing, can with the built-in limit pressure valve.
2. Pump can be used in the -0.1 Mpa~2Mpa closed systems, the rated output pressure is 0.5 Mpa (medium: water), the highest output 1.4 Mpa pressure, flow rate 50~3500 ml / min.
3. Widely used in medical machinery, fine chemicals, water treatment printing, cleaning, packaging, food processing, and other areas of liquid delivery



### Normal Parameters:

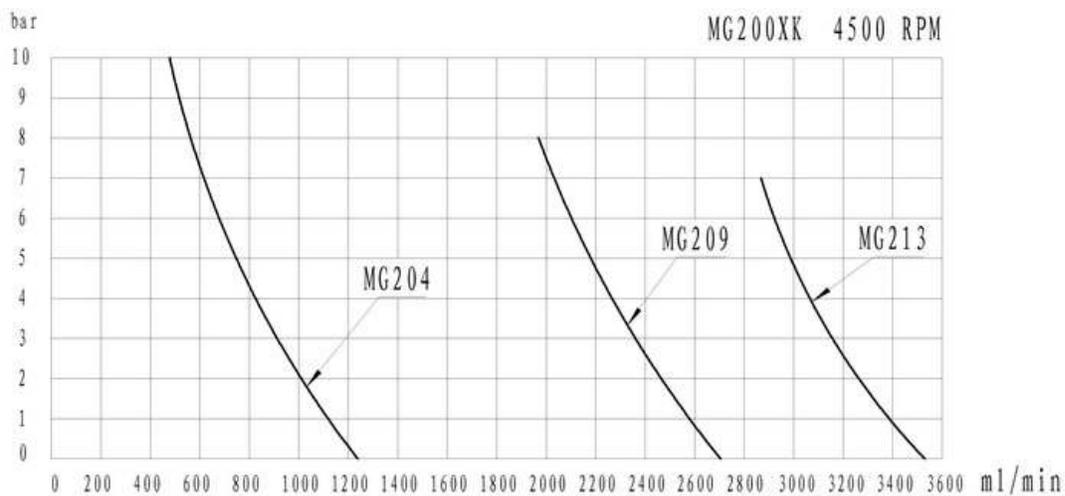
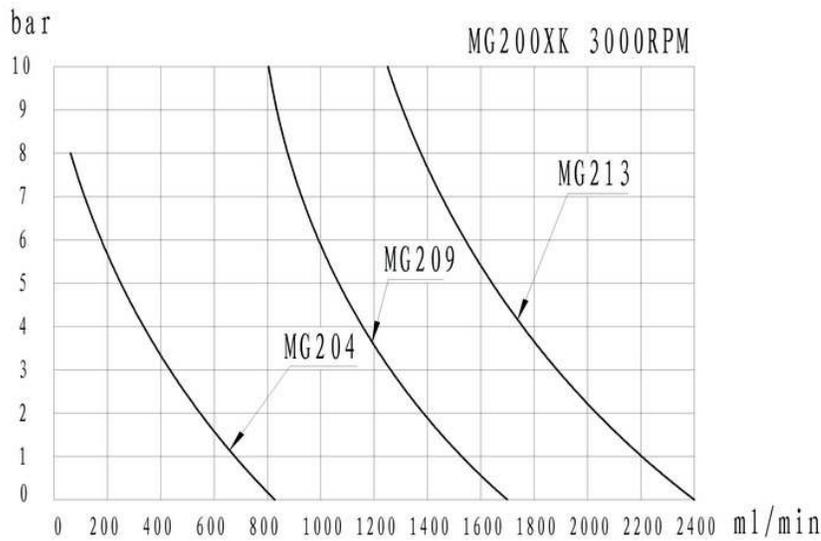
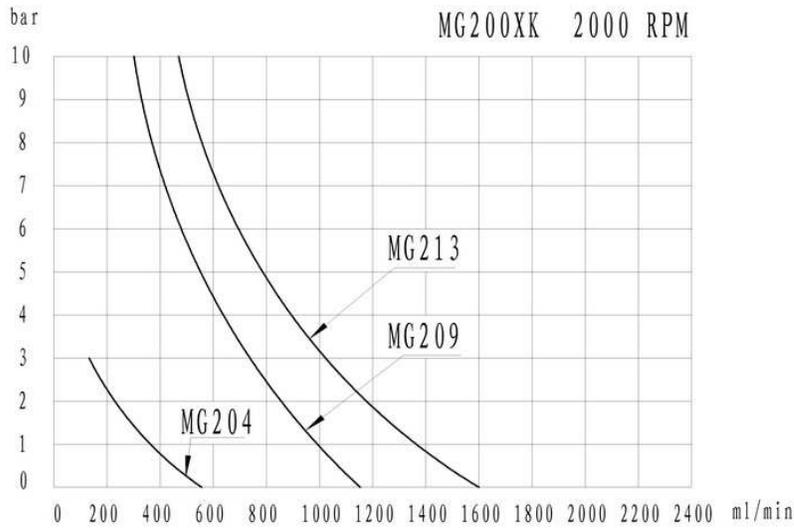
1. Altitude:  $\leq 2500$  M
2. Humidity environment:  $\leq 85\%$
3. Fluid viscosity: 0 ~ 3000 CPS
4. Ambient temperature: -10 ~ 50 °C
5. Fluid temperature:  
-10 °C  $\leq T \leq 100$  °C (except for the freezing)
6. Working way: continuous working
7. Apply the media of:  
acid and alkali, salt, organic solvents, oils.
8. Lifetime 1500~2000hours



Model	Max Head Pressure (Bar)	Max Flow scope (ml/Min)	Power (W)	Voltage (V)	Inlet/Outlet Diameter	ml/rpm (reference 3000RPM)
MG204XK/DC24	10	1000	70W	DC24	G1/8"	0.27
MG209XK/DC24	7	2500	70W	DC24	G1/8"	0.55
MG213XK/DC24	7	3500	70W	DC24	G1/8"	0.75

- Note:** 1. "04" means the gear with the height of 4mm, "09" means 9mm, "13" means 13mm .  
 2. if needed : "L" limited pressure valve, " R " non return valve , please specially specify in advance.  
 3. "XK" PEEK gear, "YT" Alloy gear, if the liquid contain rigid particles,such as pigment ink,recommend use YT gear.

## Detail Curve / DC MG200 Series



Note: Usually suggested to work under 4000RPM, not higher than this.  
Above test result basis on the medium of water.