

# METERING – GEAR PUMPS

## 8 – 4,100 ml/min (1.1 GPM), 125 PSI, MAGNETIC DRIVE

The integral magnetic drive series utilizes a variable speed, electronically controlled, electromagnet, which provides a brushless, compact and sealless assembly to move low viscosity, clean liquids. Three types of controls are available including 4-20mA, 0-5vdc or manual potentiometer with tach output. Their pulseless gear design is available in 316SS, Hastelloy, Alloy 20 and Ryton. There are a variety of gear and o-ring materials available to meet your system's requirements. See pages 6-9 for specific pump series specifications.

Series Number	Minimum Flow	Maximum Flow	Maximum Pressure
180 Series	8.5 ml/min	400 ml/min (.1 gpm)	75 psi
120 Series	320 ml/min	3,200 ml/min (.9 gpm)	80 psi
1100 Series	160 ml/min	3,900 ml/min (1.0 gpm)	125 psi
200 Series	48.5 ml/min	4,100 ml/min (1.1 gpm)	125 psi



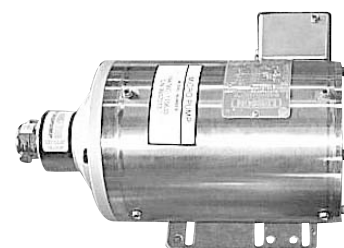
Stainless, Hastelloy & Ryton

## 8 – 43,000 ml/min (11.4 GPM), 125 PSI, MAGNETIC DRIVE

Micropump manufactures a wide range of magnetic drive gear pumps utilizing the versatile C-Face design. This allows a variety of accurate variable speed drive systems to be utilized to create a pulseless, accurate and sealless metering or batching pump for low viscosity liquids up to 11.4 GPM. Micropump gear pumps are available in 316SS, Hastelloy and Alloy 20 construction, can deliver pressures of up to 125 PSI and come in an infinite number of configurations to meet your specific voltage, enclosure, turndown and control requirements. See pages 6-9 for specific pump series specifications.

Series Number	Minimum Flow	Maximum Flow	Maximum Pressure
120/180 Series	8.5 ml/min	3,200 ml/min (.9 gpm)	80 psi
114/200 Series	48.5 ml/min	10,900 ml/min (2.9 gpm)	125 psi
220/2200 Series	1,210 ml/min	12,100 ml/min (3.2 gpm)	100 psi
5000/5500 Series	1,662 ml/min	26,800 ml/min (7.0 gpm)	125 psi
10K Series	4,300 ml/min	43,000 ml/min (11.4 gpm)	100 psi

### MICROPUMP (C-Face)



Stainless, Hastelloy & Alloy 20

## .15 – 23 GPM, 100 PSI, PACKING OR MECHANICAL SEAL

Oberdorfer manufactures a versatile series of chemical grade gear pumps that deliver a pulseless and accurate flow of thin to viscous, clean liquids. They are available in pedestal and C-Face mounting allowing an infinite number of variable speed drive systems to meet harsh or explosive environments, unique voltages, and even hydraulic or pneumatic drive installations. They are available in 316SS, Hastelloy and Ryton (up to 8 gpm, 75 psi) construction with Teflon packing or Teflon, Viton or EPDM mechanical seals. See pages 10-11 for specific pump series specifications.

Series Number	Minimum Flow	Maximum Flow	Maximum Pressure
103X Series	.15 gpm	1.5 gpm	100 psi
104X Series	.20 gpm	2.0 gpm	100 psi
207X Series	.40 gpm	4.0 gpm	100 psi
417X Series	1.0 gpm	10.0 gpm	100 psi
935X Series	2.3 gpm	23.0 gpm	100 psi



Stainless, Hastelloy & Ryton

## .09 – 40 GPM, 100 PSI, WITH MULTIPLE SEAL OPTIONS

Oberdorfer manufactures an economical series of bronze gear pumps that delivers smooth pulseless flow of thin to viscous, clean liquids. They are available in pedestal and C-Face mounting allowing an infinite number drive systems. Pumps come with stainless steel shafts and have the choice of packing or mechanical seals. See pages 12-15 for specific pump series specifications.

Series Number	Minimum Flow	Maximum Flow	Maximum Pressure
999 Series	.09 gpm	.9 gpm	100 psi
991, 1000 Series	.20 gpm	2.0 gpm	100 psi
992, 2000 Series	.40 gpm	4.0 gpm	100 psi
993, 3000 Series	.70 gpm	7.0 gpm	100 psi
994, 4000 Series	1.0 gpm	10.5 gpm	100 psi
970, 7000 Series	2.0 gpm	19.8 gpm	100 psi
990, 9000 Series	2.3 gpm	23.0 gpm	100 psi
1100, 11HD Series	4.0 gpm	40.0 gpm	100 psi

### OBERDORFER



Bronze