

## Stainless Steel Vertical Immersion Pumps

RAE's GMVCP Series vertical multistage immersion pumps are intended for industrial use to carry fluids such as water, coolant, lubricants, cleaning solvents and other low-corrosive fluids.

These non-self-priming pumps feature a coupling connection

between the pump shaft and motor shaft.

Stainless steel construction of immersed parts ensures corrosion-free operation. All stainless construction is available as an option; consult factory for more information.

**Applications:**

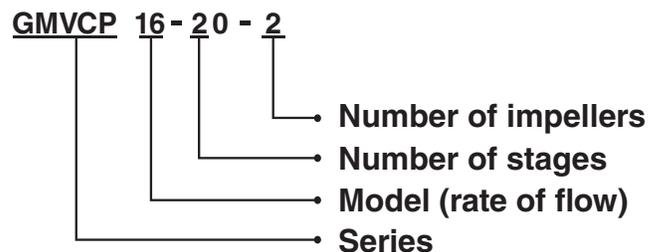
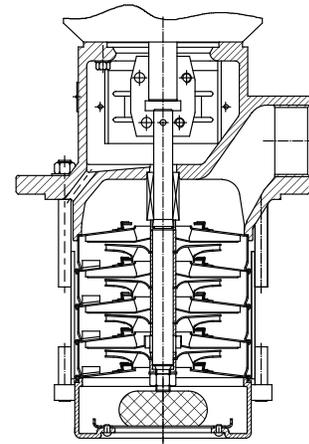
- CNC lathe coolants
- Grinding machines
- Heat exchangers
- Industrial cleaning equipment
- Reverse osmosis and filtration

### MOTOR

Nominal speed: 3500 rpm at 60 Hz  
Standard voltage: 3 phase; 230V/460V  
Protection class: IP54  
Insulation class: F



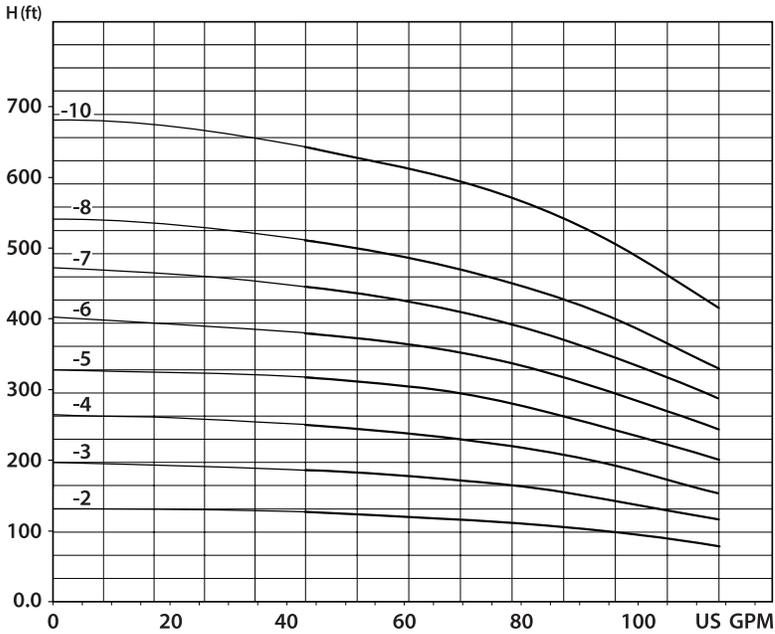
### MODEL CODE



### OPERATING LIMITS

Ambient temperature: Max 104°F  
Liquid temperature range: 5°F to 221°F  
Flow: 44 gpm to 114 gpm  
Head: 131' to 650'  
Operating pressure: Max 290 psi  
Submerged depth: Min 3.94"

## PERFORMANCE CURVES



## ELECTRICAL DATA

Model	Amps (A)		Power (hp)
	230V	460V	
GMVCP16**-2	13.3	6.6	5.0
GMVCP16**-3	16.6	8.3	7.5
GMVCP16**-4	24.8	12.4	10.0
GMVCP16**-5	32.3	16.1	15.0
GMVCP16**-6	32.3	16.1	15.0
GMVCP16**-7	46.9	23.4	20.0
GMVCP16**-8	46.9	23.4	20.0
GMVCP16**-10	52.3	26.2	25.0

\*\*Number of stages; MAX 16 stages

## DIMENSIONS — WEIGHTS

Model	A (inches)	B (inches)	C (inches)	D (inches)	E (inches)	Weight (pounds)
GMVCP16-20-2	26.54	7.09	19.45	9.06	7.28	110
GMVCP16-30-3	30.47	8.86	21.61	10.24	8.27	143
GMVCP16-40-4	32.24	10.63	21.61	10.24	8.27	165
GMVCP16-50-5	39.96	12.40	27.56	12.99	10.04	287
GMVCP16-60-6	41.73	14.17	27.56	12.99	10.04	291
GMVCP16-70-7	43.50	15.94	27.56	12.99	10.04	309
GMVCP16-80-8	45.28	17.72	27.56	12.99	10.04	309
GMVCP16-100-10	50.79	21.26	29.53	12.99	10.04	331

