

# 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:**

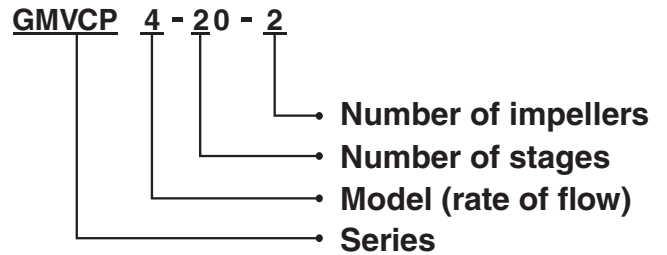
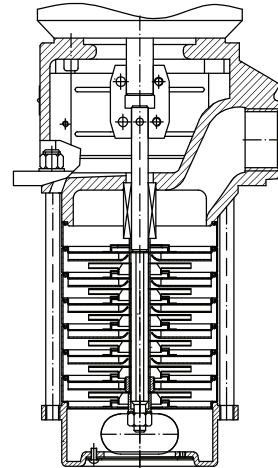
- CNC lathe coolants
- Grinding machines
- Heat exchangers
- Industrial cleaning equipment
- Reverse osmosis and filtration

## MOTOR

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



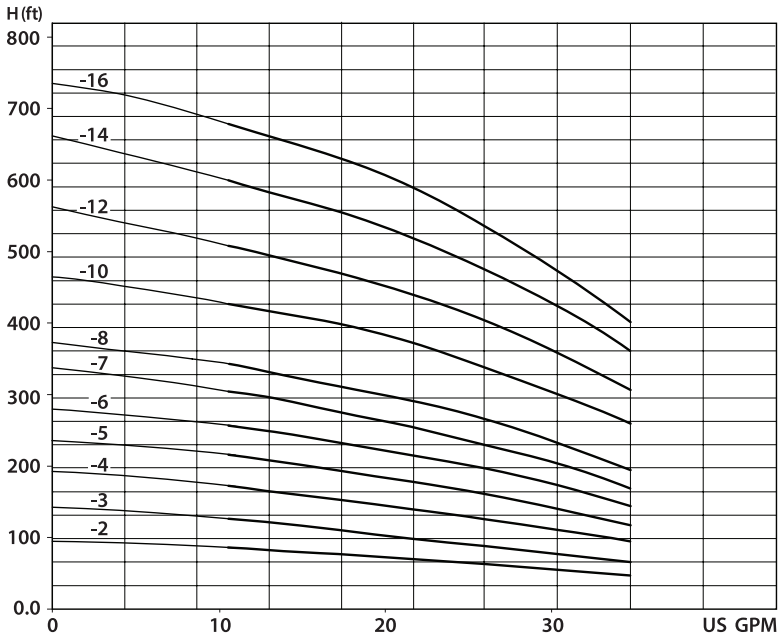
## MODEL CODE



## OPERATING LIMITS

Ambient temperature: Max 104°F  
Liquid temperature range: 5°F to 221°F  
Flow: 11 gpm to 35 gpm  
Head: 85' to 768'  
Operating pressure: Max 333 psi  
Submerged depth: Min 3.36"

## PERFORMANCE CURVES



## ELECTRICAL DATA

Model	Amps (A)		Power (hp)
	230V	460V	
GMVCP4**-2	3.0	1.5	1.0
GMVCP4**-3	3.7	1.9	1.5
GMVCP4**-4	5.5	2.8	2.0
GMVCP4**-5	7.8	3.9	3.0
GMVCP4**-6	7.8	3.9	3.0
GMVCP4**-7	11.8	5.9	4.0
GMVCP4**-8	11.8	5.9	4.0
GMVCP4**-10	13.3	6.6	5.0
GMVCP4**-12	13.3	6.6	5.0
GMVCP4**-14	16.6	8.3	7.5
GMVCP4**-16	16.6	8.3	7.5

\*\*Number of stages; MAX 22 stages

## DIMENSIONS — WEIGHTS

Model	A (inches)	B (inches)	C (inches)	D (inches)	E (inches)	Weight (pounds)
GMVCP4-20-2	19.92	5.83	14.09	6.69	5.59	33
GMVCP4-30-3	20.98	6.89	14.09	6.69	5.59	40
GMVCP4-40-4	24.21	7.95	16.26	7.48	6.10	51
GMVCP4-50-5	25.28	9.02	16.26	7.48	6.10	60
GMVCP4-60-6	26.34	10.08	16.26	7.48	6.10	60
GMVCP4-70-7	29.97	11.14	18.82	7.76	6.50	73
GMVCP4-80-8	31.02	12.20	18.82	7.76	6.50	73
GMVCP4-100-10	33.54	14.33	19.21	9.06	7.28	84
GMVCP4-120-12	35.67	16.46	19.21	9.06	7.28	84
GMVCP4-140-14	39.96	18.58	21.38	10.24	8.27	139
GMVCP4-160-16	42.09	20.71	21.38	10.24	8.27	143

