

# 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:**

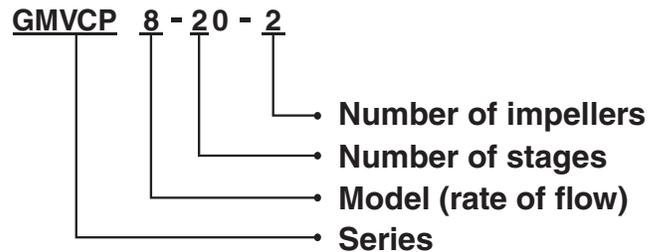
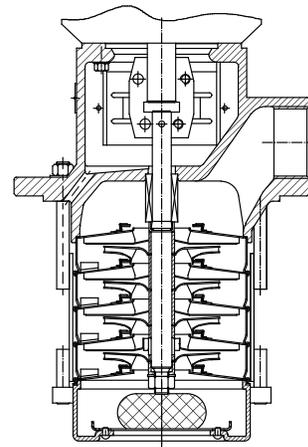
- CNC lathe coolants
- Grinding machines
- Heat exchangers
- Industrial cleaning equipment
- Reverse osmosis and filtration

## MOTOR

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



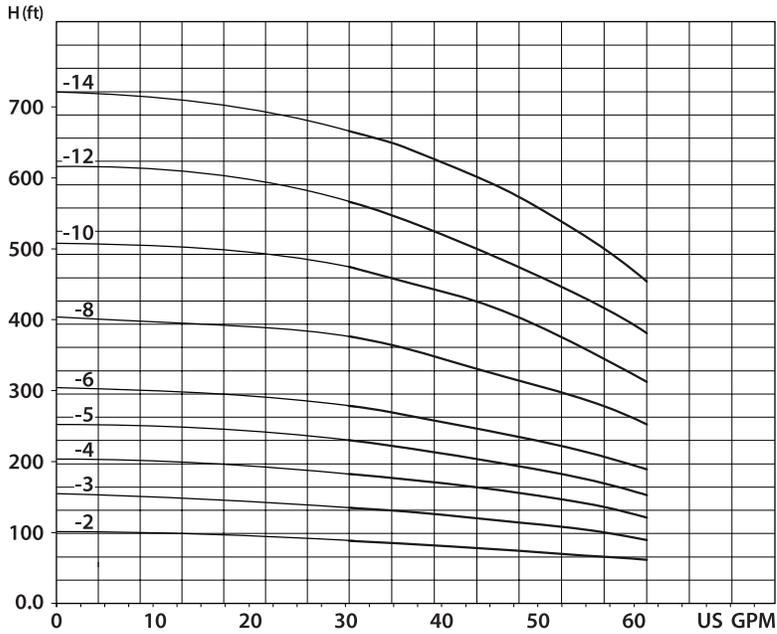
## MODEL CODE



## OPERATING LIMITS

Ambient temperature: Max 104°F  
Liquid temperature range: 5°F to 221°F  
Flow: 31 gpm to 62 gpm  
Head: 85' to 722'  
Operating pressure: Max 315 psi  
Submerged depth: Min 3.94"

## PERFORMANCE CURVES



## ELECTRICAL DATA

Model	Amps (A)		Power (hp)
	230V	460V	
GMVCP8**-2	5.5	2.8	2.0
GMVCP8**-3	7.8	3.9	3.0
GMVCP8**-4	11.8	5.9	4.0
GMVCP8**-5	11.8	5.9	4.0
GMVCP8**-6	13.3	6.6	5.0
GMVCP8**-8	16.6	8.3	7.5
GMVCP8**-10	24.8	12.4	10.0
GMVCP8**-12	24.8	12.4	10.0
GMVCP8**-14	32.3	16.1	15.0

\*\*Number of stages; MAX 20 stages

## DIMENSIONS — WEIGHTS

Model	A (inches)	B (inches)	C (inches)	D (inches)	E (inches)	Weight (pounds)
GMVCP8-20-2	22.40	5.91	16.50	7.48	6.10	71
GMVCP8-30-3	23.58	7.09	16.50	7.48	6.10	82
GMVCP8-40-4	27.32	8.27	19.06	7.76	6.50	99
GMVCP8-50-5	28.50	9.45	19.06	7.76	6.50	104
GMVCP8-60-6	30.01	10.63	19.45	9.06	7.28	115
GMVCP8-80-8	34.60	12.99	21.61	10.24	8.27	159
GMVCP8-100-10	36.97	15.35	21.61	10.24	8.27	172
GMVCP8-120-12	39.33	17.72	21.61	10.24	8.27	176
GMVCP8-140-14	47.64	20.08	27.56	12.99	10.04	298

