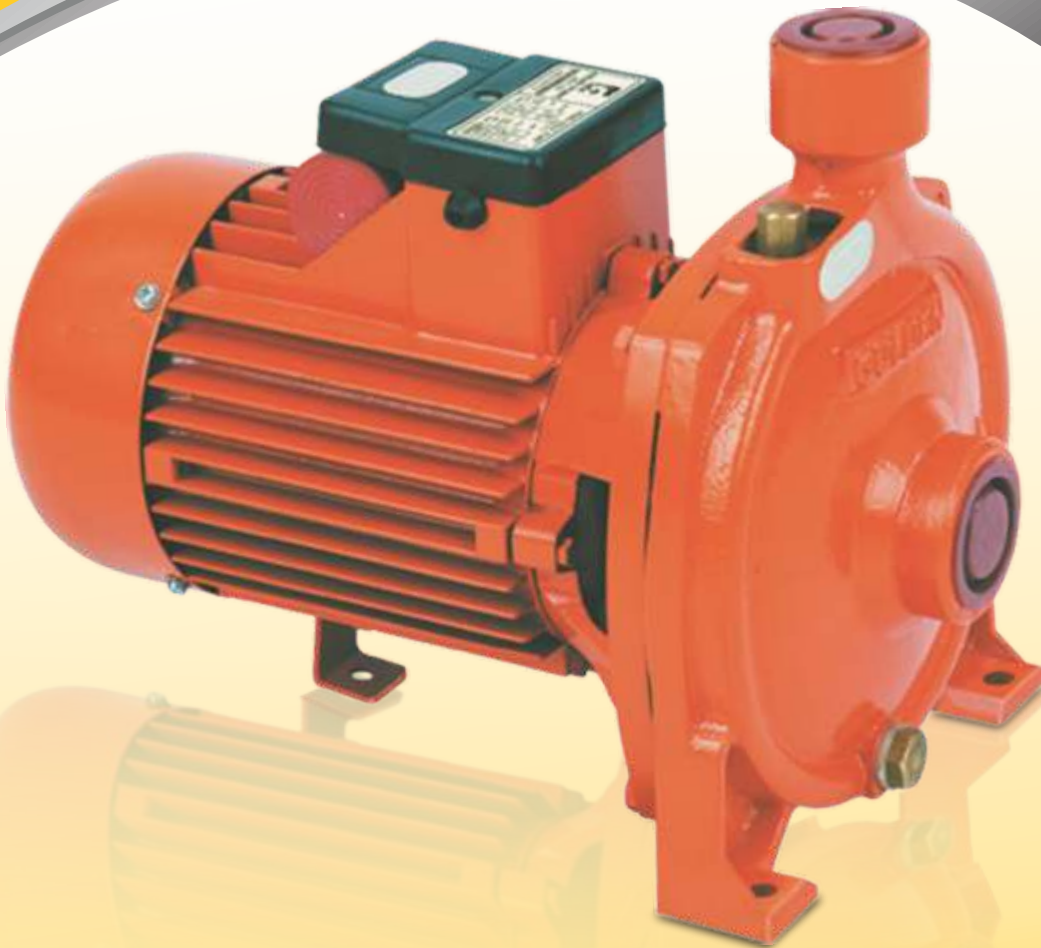




# GOLDEN

## Mono-Block Pumps



# GOLDEN Mono-Block Pumps



## Function:

This series of electric single/double impeller, close coupled, centrifugal pumps are fitted with the overhang impeller directly coupled with the motor shaft.

The liquid pumped is conveyed into the spiral shaped volute of the pump body, transforming the kinetic energy into dynamic pressure energy.

Pressure and flow is achieved with minimum loss by means of the hydrodynamic closed impeller design.

## Application:

Industrial water supply, pressurized water using pressure vessels (auto-claves), horticulture irrigation, civil and domestic water transfer application.

## Pump Construction:

Pump body and motor support in cast iron. Special designed S.S. impeller and mechanical seal in carbon/ceramic. Rotor shaft fitted with seal and world's finest pre-greased ball bearings.

Totally enclosed fan cooled motor, with a built in thermal overload protector (in single phase motors), the capacitor is permanently in circuit (with single phase motor).

## Pump Performance Data:

Max. Capacity: 250l/min  
Max. Head: 24 m

Liquid quality requirement is clean and free from solids or abrasive substances and non-aggressive

Maximum temperature of pump's liquid:  $-15^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$

Maximum ambient temperature:  $40^{\circ}\text{C}$

Maximum working pressure: 3 bar

Manometric suction lift of 8 meters with a foot valve fitted, for a suction lift of above 5 meters. It is advisable to install the suction pipe with an internal diameter larger than the pump inlet.



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# GOLDEN Mono-Block Pumps

## Installation:

Upon installation, always prime the pump body first before start up.

Pump may be installed with the motor shaft in the horizontal or vertical position. In case, if pump is being installed in vertical position, the motor must be positioned above the pump body.

## Performance Chart:

MODEL	SIZE	MOTOR (HP)	V	A	rpm	MAX. SUCTION (m)	HEAD (m)	DISCHARGE (l/min)
GMB - 1005 - A	1.25" x 1" (Aluminum Body)	0.5	200 ~ 230	2.5	2900	6	3 ~ 18	67 ~ 9
GMB - 1005	1.25" x 1" (Cast Iron Body)			2.5			8 ~ 20	55 ~ 20
GMB - 1010 - A	1.25" x 1"	1	200 ~ 230	5			10 ~ 24	70 ~ 25
			380 ~ 440	1.5				
GMB - 1215 - A	2" x 1.25"	1.5	200 ~ 230	8			10 ~ 17	250 ~ 100
			380 ~ 440	1.75				
GMB - 2010	2" x 2" (Single Stage)	1	200 ~ 230	5.5			7 ~ 10	240 ~ 140
			380 ~ 440	1.5				
GMB - 2020	2" x 2" (Single Stage)	2	200 ~ 230	12			10 ~ 20	300 ~ 180
			380 ~ 440	3				
GMB - 2025	2" x 2" (Double Stage)	2.5	200 ~ 230	14	15 ~ 27	280 ~ 170		
			380 ~ 440	4				
GMB - 2030 - SR	2" x 2" (Double Stage) (with Italian 'SAER' Motor)	3	380 ~ 440	4.8	5	8 ~ 31	420 ~ 95	
GMB - 3025	3" x 3"	2.5	200 ~ 230	14	6	5 ~ 14	850 ~ 500	
			380 ~ 440	4				
GMB - 4040 - SR	4" x 4" (with Italian 'SAER' Motor)	4	200 ~ 230	18.4		7 ~ 20	1,125 ~ 375	

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