

# HGAm

## Centrifugal pumps



HGAm

### Application

Suitable for use with **clean water** and liquids that are not chemically aggressive towards the materials from which the pump is made.

As a result of their reliability and the fact that they are easy to use, these pumps are widely used in domestic and civil applications such as the distribution of water in combination with small and medium sized pressure sets, for transferring liquids and for the irrigation of gardens and allotments. The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

### Motor

- ※ Two-pole induction motor (n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- Three-phase 380V/50Hz, 60Hz if request

### Operating conditions

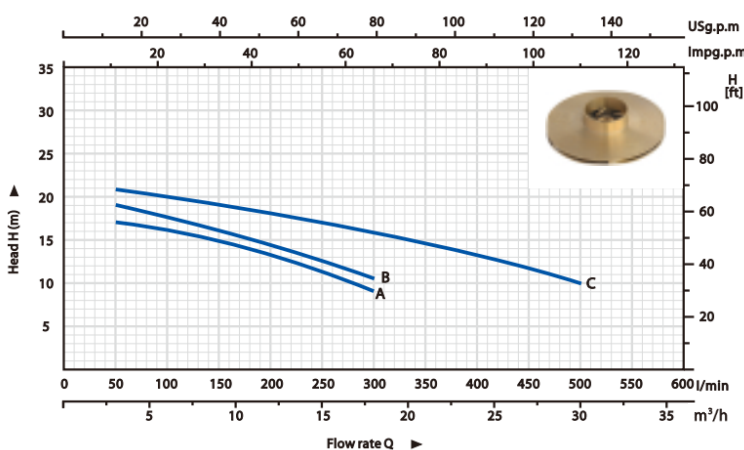
- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m

### Component

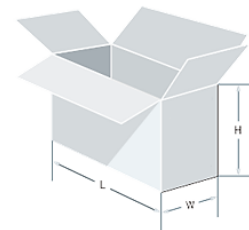
- ※ **Pump body:** Cast iron
- ※ **Pump support:** Cast iron
- ※ **Motor housing:** Aluminum
- ※ **Impeller:** Brass
- ※ **Motor shaft:** Carbon steel, AISI304 SS if request
- ※ **Mechanical seal:** SIC/Graphite

### Construction

PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	INLET/OUTLET	N.W	L×W×H
		(Inch)	(Kg)	(mm)
A	HGAm-70	1½"×1½"	14.5	340×220×270
B	HGAm-75	1½"×1½"	16.7	385×230×280
C	HGAm-80	2"×2"	21.5	435×265×290



NO.	MODEL	POWER		Q(m³/h)	0	3.0	6.0	9.0	12.0	15.0	18.0	21.0	24.0	27.0	30.0
		kW	HP												
A	HGAm-70	0.75	1		18	17	16	15	13.5	11.5	9				
B	HGAm-75	1.1	1.5	H	20	19	17.5	16	14.5	12.5	10.5				
C	HGAm-80	1.5	2		22	21	20	19	18	17	16	15	13.5	12	10

# EXPLODE DRAWING

## HGAm

