

GDHm SERIES CENTRIFUGAL PUMPS

WORKING CONDITIONS

Max Temperature of Fluid up to +80℃
Max Pressure 10bar,
Max Ambient Temperature up to 40℃



Pressure Sensor



Flow Sensor

Product use

GDHm series is the auto cold water and hot water turbine self absorbing pump newly designed by the company. The series of electric pumps is widely used in living water taking, water taking form bottom of wells, press-uringof tap water, The pump can work in a highly efficient high-voltage,it provide premium quality service to individual users, the latest pumps are reflected the characteristics in any details.

Advantages

PC chips are fixed. the high-tech intelligence operation of water pumps is realized for the firt time. As the pressure control system enters the status of of protection, it Automatically shifts to the flow control system to ensure normal water supply of the water pump.

Pressure switch or pressure sensor

The size of pressure determines the pump on or off. when the pressure of the water pipe is less than the lower Limit of the switch , the pump running; when the pressure of the water pipe is great than the top limit of the wswitch, the pump stops running. the supper and lower limits of the switch can be adjusted within the adjustment rang. microswitch silent startup and more reliable.

working conditions

(Electric pump should be able to work normally and continuously under the following conditions)

- 1、GBHM type transmission medium temperature of not more than 0-100℃
 - 2、Medium PH value between 6.5-8.5
 - 3、The solid impurities in the volume ratio no more than 0.1%,particle size less than 0.2mm
 - 4、Then power frequency is 50Hz,voltage of single-phase AC 220V,380V three-phase AC.Voltage fluctuation range of 0.9-1.1 times the rated value
 - 5、when then temperature is below 0.℃,should make anti freezing, when the pump is not use, open the waterproof screw on bottom of the pump body, drain water, in order to avoid cracking of pump body.
- Resereve: Before automatic use, make sure the pipeline without leakage.

Model description

GD HM 150 A

- GD: Reorganized(automatic)
- HM: Output power
- 150: Vortex type self-priming pump
- A: Company for short



Pump Cover Material Specifications - PP



Bidirectional control system using PC chip,the first pump high-tech intelligent

Induction nut:
the Large thread diameter 33.3(G1")
material - POM polyformaldehyde

Water inlet: the large thread diameter:
16(M16) material-POM
polyformaldehyde

Pressure tank with large thread
diameter:26.4(G3/4)
Material:IT 1200 galvanized

Export:
joint thread large
diameter 33.3(G1")
electrical pulse processing

Max.25m-75m

Pressure sensor with large thread
diameter:16.6mm(G3/8")-POM
polyformaldehyde material

Junction box:
PC control wire

Copper motor:
800 cold rolling plate is welded
with the stainless steel shaft

Export:
joint thread large
diameter 33.3(G1")
electrical pulse processing

Max.25m-75m

Water outlet:
the large thread
diameter 16.6mm(G3/8") of
stainless steel materials

Export:
joint thread large
diameter 33.3(G1")
electrical pulse processing

TECHNICAL DATA

Model	Power (W)	Capacitor(μF)	Curtent(A)	H.Max (m)	Q.Max (L/min)	S.Head (m)	Pipe Size(m)	Recommend the use of floor
GDHm-125A	125	8	1.5	25	30	9	1"1"	2nd floor or below
GDHm-250A	250	10	1.8	30	33	9	1"1"	3nd floor or below
GDHm-370A	370	10	2	35	36	9	1"1"	4nd floor or below
GDHm-550A	550	12	3	50	50	9	1"1"	8nd floor or below
GDHm-750A	750	20	3.5	55	58	9	1"1"	10nd floor or below
GDHm-1100A	1100	25	4.8	65	66	9	1"1"	12nd floor or below

Standard data and equipment: single phase 220V/50Hz, Brass impeller, carbon steel motor shaft, with motor protector inside. Others model and material such as three phase, 110V, 60Hz, dual voltage, stainless steel shaft, etc, will be available upon request.