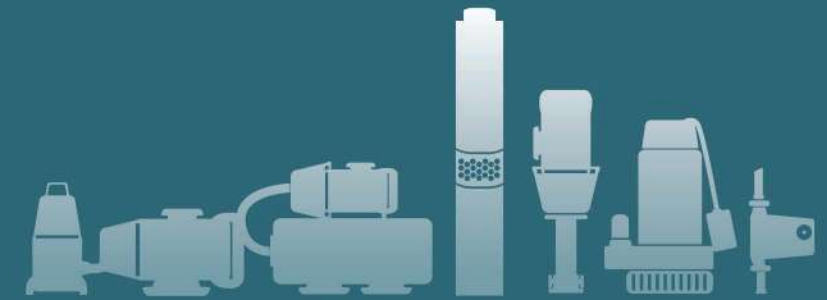


GREEN



PRODUCT CATALOGUE WATER PUMP


GREEN[®]
Water Solution

WWW.PARSWS.COM



Tel:
021-59231
Fax:
021-88806085

E-mail:
info@parsws.com

Add:
No. 440, Motahari St.
Tehran, Iran

WWW.PARSWS.COM


GREEN[®]
Water Solution



Installation And Use

The GHFm series, from the points of view of both performance and mechanical dimensions, has been expressly designed for use in the civil, agricultural and industrial field. Due to the high yields reached and the possibility of continuous duty, it is recommended to use for irrigation with following and sprinkling water, drawing water from lakes, rivers, wells and etc. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.



Flow rate up to
600L/min (30 m³/h)

Head up to
20 m

Liquid Type: Clean water
Typology: Surface
Family: Centrifugal

Application Limits

Manometric suction lift up to 7 m
Liquid temperature up to +40 °C
Ambient temperature up to +40 °C

Construction

Pump Body: Cast iron
Impeller: Brass with centrifugal radial flow type.
Motor Shaft: 304 stainless steel shaft.
Mechanical Seal: Ceramic - graphite.
Electric Motor: GHFm: Single-phase 230V-50Hz with condenser and thermal overload protector built into the copper winding. GHF: three-phase 380/400V-50Hz.
Insulation: Class B.
Protection: IP 44.



***:Version K1**

| Model | | Power | | Max head | Max. flow | | Size | Suct. Max. | N/W(kg) | | Q (m³/h) | 0 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 26 | 30 | |
|--------------|-------------|-------|------|----------|-----------|------|---------------|------------|--------------|-------------|-----------|----|------|------|------|------|------|------|------|------|-------|-----|---|
| Single-phase | Three-phase | kW | HP | m | L/min | m³/h | Inch | m | Single-phase | Three-phase | Q (L/min) | 0 | 50 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 433.3 | 500 | |
| NGAm1B | | 0.55 | 0.75 | 18 | 200 | 12 | 1 1/2"x1 1/2" | 7 | 11.7 | | | 18 | 13.4 | 11.9 | 9.9 | 7.5 | - | - | - | - | - | - | - |
| NGAm1A | | 0.75 | 1 | 20 | 200 | 12 | 1 1/2"x1 1/2" | 7 | 12.5 | | | 20 | 17.8 | 15.7 | 14 | 11.2 | - | - | - | - | - | - | - |
| NGAm1BR | | 0.55 | 0.75 | 18 | 200 | 12 | 1 1/4"x1 1/4" | 7 | 11.7 | | | 18 | 13.4 | 11.9 | 9.9 | 7.5 | - | - | - | - | - | - | - |
| NGAm1AR | | 0.75 | 1 | 20 | 200 | 12 | 1 1/4"x1 1/4" | 7 | 12.5 | | | 20 | 17.8 | 15.7 | 14 | 11.2 | - | - | - | - | - | - | - |
| GHFm5C | GHF5C | 0.55 | 0.75 | 11 | 417 | 25 | 2"x2" | 7 | 14.5 | 13.3 | H(m) | 11 | 10.5 | 10.4 | 10.2 | 10 | 9.3 | 8.3 | 7.2 | 5.8 | - | - | |
| GHFm5B | GHF5B | 0.75 | 1 | 14 | 417 | 25 | 2"x2" | 7 | 14.6 | 15.9 | | 14 | 12.6 | 12.4 | 12.1 | 11.5 | 10.6 | 9.1 | 8 | 6.6 | - | - | |
| GHFm5A | GHF5A | 1.1 | 1.5 | 16 | 417 | 25 | 2"x2" | 7 | 15.5 | 14.8 | | 16 | 14.2 | 12.8 | 12.7 | 12.1 | 11.1 | 9.5 | 8.4 | 7 | - | - | |
| GHFm5BM | GHF5BM | 1.1 | 1.5 | 18 | 500 | 30 | 2"x2" | 7 | 22 | 19.3 | | 18 | 16.7 | 15 | 14.9 | 14.5 | 13.9 | 13 | 11.6 | 9.8 | 8.6 | 7.1 | |
| GHFm5AM | GHF5AM | 1.5 | 2 | 20 | 500 | 30 | 2"x2" | 7 | 21 | 20.8 | | 20 | 18.4 | 17 | 16.9 | 16.4 | 15.8 | 14.5 | 13.1 | 11.2 | 10.1 | 8.7 | |



Installation And Use

The GHFm series, from the points of view of both performance and mechanical dimensions, has been expressly designed for use in the civil, agricultural and industrial field. Due to the high yields reached and the possibility of continuous duty, it is recommended to use for irrigation with following and sprinkling water, drawing water from lakes, rivers, wells and etc. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.



Flow rate up to
1250L/min (75 m³/h)

Head up to
25 m

Liquid Type: Clean water
Typology: Surface
Family: Centrifugal

Application Limits

Manometric suction lift up to 8 m
Liquid temperature up to +40 °C
Ambient temperature up to +40 °C

Construction

Pump Body: Cast iron
Impeller: Brass or cast iron.
Motor Shaft: 304 stainless steel shaft.
Mechanical Seal: Ceramic - graphite.
Electric Motor: GHFm: Single-phase 230V-50Hz with condenser and thermal overload protector built into the copper winding. GHF: three-phase 380/400V-50Hz.
Insulation: Class B.
Protection: IP 44.



***:Version K1**

| Model | | Power | | Max head | Max. flow | | Size | Suct. Max. | N/W(kg) | | Q (m³/h) | 0 | 12 | 18 | 30 | 42 | 48 | 54 | 60 | 66 | 72 |
|--------------|-------------|-------|-----|----------|-----------|------|-------|------------|--------------|-------------|-----------|------|------|------|------|------|------|------|------|------|------|
| Single-phase | Three-phase | kW | HP | m | L/min | m³/h | Inch | m | Single-phase | Three-phase | Q (L/min) | 0 | 200 | 300 | 500 | 700 | 800 | 900 | 1000 | 1100 | 1200 |
| GHFm6C | GHF6C | 1.1 | 1.5 | 12.1 | 917 | 55 | 3"x3" | 8 | 26.5 | 26.5 | H(m) | 12.1 | 11.6 | 11.2 | 9.7 | 7.2 | 5.6 | 3.5 | - | - | - |
| GHFm6B | GHF6B | 1.5 | 2 | 15 | 1200 | 60 | 3"x3" | 8 | 27.5 | 27.5 | | 15 | 13.8 | 12.6 | 10.4 | 7.7 | 6.1 | 4.4 | 2.8 | - | - |
| GHFm6A | GHF6A | 2.2 | 3 | 18.5 | 1100 | 66 | 3"x3" | 8 | 34.5 | 34 | | 18.5 | 16.2 | 15 | 13.6 | 11 | 9 | 7.2 | 6.2 | 4.4 | - |
| GHFm6CR | GHF6CR | 1.1 | 1.5 | 12.1 | 917 | 55 | 4"x4" | 8 | 30 | 30 | | 12.1 | 11.6 | 11.2 | 9.7 | 7.2 | 5.6 | 3.5 | - | - | - |
| GHFm6BR | GHF6BR | 1.5 | 2 | 15 | 1200 | 60 | 4"x4" | 8 | 30.5 | 30.5 | | 15 | 13.8 | 12.6 | 10.4 | 7.7 | 6.1 | 4.4 | 2.8 | - | - |
| GHFm6AR | GHF6AR | 2.2 | 3 | 18.5 | 1100 | 66 | 4"x4" | 8 | 36.5 | 36.5 | | 18.5 | 16.2 | 15 | 13.6 | 11 | 9 | 7.2 | 6.2 | 4.4 | - |
| GHFm7B | GHF7B | 3 | 4 | 20 | 1250 | 75 | 3"x3" | 7 | 34 | 34 | | 20 | 19.5 | 19.1 | 17.9 | 15 | 13 | 10.5 | 7.5 | 5.8 | 3.9 |
| GHFm7BR | GHF7BR | 3 | 4 | 20 | 1250 | 75 | 4"x4" | 7 | 37.5 | 35.5 | | 20 | 19.5 | 19.1 | 17.9 | 15 | 13 | 10.5 | 7.5 | 5.8 | 3.9 |
| GHFm7AR | GHF7AR | 4 | 5.5 | 25 | 1250 | 75 | 4"x4" | 7 | 39 | 37.5 | | 25 | 24.2 | 23.6 | 21.8 | 19.7 | 16.2 | 13.9 | 11.8 | 9.6 | 6.8 |



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