زندگی کے لیے
گولڈن ڈائینامِکس (پرائیویٹ) لمیٹڈ

G
GOLDEN

NOWA

■ Peripheral Pump

GPH Series

GOLDEN DYNAMICS (PVT) LTD.

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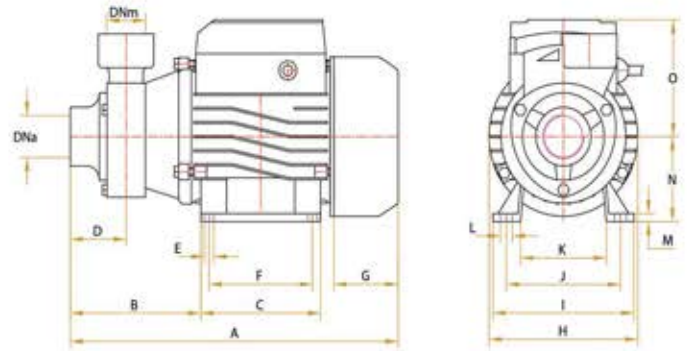
GOLDEN DYNAMICS (PVT) LTD.

For Life

NOWA
Peripheral Pump
GPH Series

Function:
This series of electric pumps has a peripheral type impeller. At the extremities of its impeller, there are several radial paddles which give more energy to the pumped liquid. The special shape of the paddles gives the fluid fast radial motion between the paddles of the impeller and the pump volute. This characteristic enables the fluid to progressively increase the pressure during its way from the inlet to the outlet, obtaining a regular and non-pulsating flow with high pressure.

Application:
General water supply, pressurized water using pressure vessels (autoclaves), irrigation, mist systems, boosting showers, dairy and farm applications, garden watering applications and to empty and fill cisterns with clean liquid only.

Material of Construction:
Volute, Mechanical Seal Plate and Stool are in Cast Iron. Brass Impeller with Mechanical Seal (Carbon + Ceramic), Silicon Electric Steel Sheet is used in Rotor & Stator with 99.9% pure Copper winding. Shaft in AISI-304 Steel fitted with world's finest pre-greased sealed Ball Bearings.

Motor:
Totally enclosed fan cooled (1C411) motor with built in thermal protector. IP-44, Insulation Class B, S.F.: 1.1, 220 V, 50 Hz, 2900 RPM.
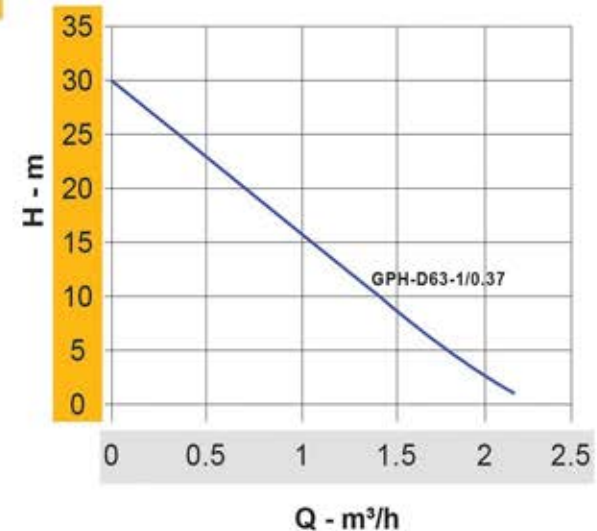
Installation:
Always prime the pump before first startup. Pump must be installed in horizontal position.

Performance Data:
Capacity:	2.2 m^3/h (max.)
Head:	20 m (max.)
Suction:	8 m (max.)
Ambient Temperature:	+40°C (max.)
Liquid Temperature:	+60°C (max.)
Working Pressure:	2 bar (max.)

Performance Curve:

GPH-D63-1/0.37

Performance Chart:

Model	Motor		Q - Capacity (m^3/h - US gpm - lpm)												
			0	0.8	1	1.08	1.2	1.32	1.44	1.56	1.68	1.8	1.92	2	2.2
Model			0	3.6	4.2	4.7	5.2	5.8	6.3	6.8	7.3	7.9	8.4	8.9	9.5
			0	14	16	18	20	22	24	26	28	30	32	34	36
	HP	kW	H - Total Head (m) @ 2900 RPM												
GPH-D63-1/0.37	0.5	0.37	30	20	17	16	14	12	10	8	6.5	5	4	3	1

Dimension Table:

Model	DNa	DNm	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	Weight (kg)
GPH-D63-1/0.37	1"	1"	260	103	95	44	7.5	82	82	118	112	90	68	9.5	6	63	86	6.3