

گولڈن ڈائنامکس (پرائیویٹ) لمیٹڈ



NOWA

■ Centrifugal Non-Clogging Pumps with Honda Engines

GSH Series



POWERED by
HONDA

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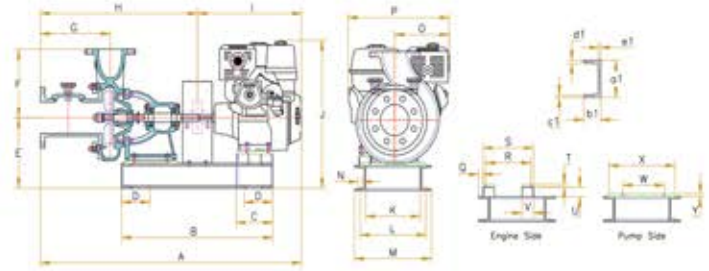
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Function:

NOWA Centrifugal Non-Clogging Pumps come with semi open impeller. Equipped with hand-hole adopter attached with pump's suction end, it helps during repair and maintenance. These pumps are fitted with heavy duty pedestal to give the machine high rigidity necessary for coupling it with 4-Stroke high speed petrol engine.

Application:

GSH Pumps are used for handling sewage, solids containing fluids, waste water and sludge of all types, flood or rain water, viscous fluids, liquid with suspension of solid particles, fibrous material, slurry, pulp, cellulose and industrial effluents. These are also used in municipal and industrial waste water transport, sewage treatment plants, paper and board, chemical, beverage, sugar industry and slaughter houses etc.

Pump Construction:

NOWA Centrifugal Non-Clogging Pumps are equipped with gland packing or mechanical seal as per customer's requirement. These pumps are directly coupled with quiet and dependable 4-Stroke high speed Honda gasoline engine. Pump's impeller is in SS-304 but volute casing, bearing housing, suction adopter (hand-hole) are made of cast iron which helps to reduce vibration. This pump set is mounted on skid frame with MS channel along with safety guard for coupling. Trolley mounted setup is also available upon customer's demand.

Installation:

Upon installation, always prime the pump volute casing before first startup. Pump must be installed in horizontal position. Never suddenly close the discharge valve while pump is running. Always use a foot-valve with a strainer at the end of the suction hose to avoid big solid particles. Check oil and fuel levels of engine and read owner's manual of Honda engine before startup.

Engine (Honda GX270T2-LHB / GX390T2-LHB):

Because customer needs a pump that he can rely on, turning to Honda (the world's largest manufacturer of petrol engines) to power our NOWA Centrifugal Non-Clogging Pump is an obvious choice. Honda engine gives the industry-leading fuel efficiency, quiet operation and most importantly, power that can give the ultimate performance. The precision-engineered components those come together to form these Honda GX270T2-LHB & GX390T2-LHB (half-reduction) engine let it run with less vibration and less noise, so they're a lot better to be around than some other engines. They are also built to last with minimal maintenance, so customer will stay on the job with less trouble.

Brand:	Honda
Model:	GX270T2-LHB / GX390T2-LHB
Cooling System:	Forced Air Cooled, 4-Stroke engine (OHV)
Power:	6.8 HP / 11.7 HP
Fuel Tank Capacity:	6 liter
Fuel Type:	Petrol (Regular Gasoline)
Starter System:	Recoil Starter / Self-Start (Optional)

Pump Performance Data:

Capacity:	150 m ³ /h (max.)
Head:	22 m (max.)
Suction:	5 m (max.)
Liquid Temperature:	-15°C ~ +80°C (max.)
Working Pressure:	6 bar (max.)

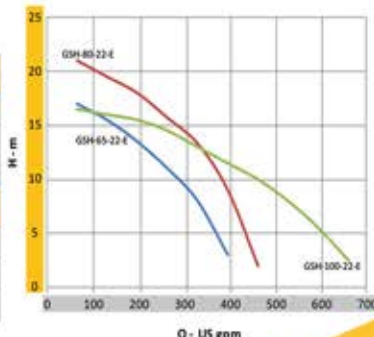
Liquid should be chemically non-aggressive.

Dimension Table:

Model	DNa	DNm	Engine	Channel	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Weight (kg)
GSH-65-22-E	3"	2.5"	GX270T2-LHB	4"	1180	680	162		272	232	322	770	412	545	197	247	297		205	448	12	195	5	220	28	143	273	112		
GSH-80-22-E	4"	3"	GX390T2-LHB		1140	665	170	125	290	241	390	680	458	595	245	295	345	18	240	460	20	198	222	12	38	182	300	12	134	
GSH-100-22-E	5"	4"			1150				280	275	307	690																		

Performance Chart:

Pump Model	Size	Engine		Q - Capacity (m ³ /h - US gpm - lpm)																															
		Model	HP	15	30	45	60	75	90	105	120	135	150	66	132	198	264	330	396	462	528	594	660	250	500	750	1000	1250	1500	1750	2000	2250	2500		
				H - Total Head (m) @ 1900 RPM																															
GSH-65-22-E	3" x 2.5"	GX-270T2-LHB	6.8	17	15.5	13.5	11	8	3																										
GSH-80-22-E	4" x 3"	GX-390T2-LHB	11.7	21	19.5	18	15.7	13.3	9	2																									
GSH-100-22-E	5" x 4"			16.5	16	15.5	14.5	13	11.5	10	8	5.5	2.5																						



HONDA

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To Whom It May Concern

Ref: 96Ki/S&M/0048

Date: 10th December, 2019

This certificate of conformity is based on an evaluation performed by 'Technical Team' of 'Honda Atlas Power Product (Pvt.) Ltd., Pakistan, of the below-mentioned product. This is to certify that the tested product is in conformity with all provisions of HAPPL's directive. The OEM, Golden Dynamics (Pvt.) Ltd. is authorized to use this certificate in connection with presenting to potential clients for below said product.

Product Specifications		
Product	Centrifugal Non-Clogging Pump	
Pump	Model	GSH100-22
	RPM	1900
	Vibration	Normal
	Safety	Satisfactory
	Head (m)	15.5 ~ 6
	Flow (US gpm)	200 ~ 595
	Suction (DNa)	5"
	Delivery (DNm)	4"
Engine	Engine	GX390T2 (LHB)
	Power (HP)	11.7
	PTO RPM	1900
	Temperature	Normal
	Vibration	Normal
	Safety	Satisfactory

Hirofumi Iryo

Chief Executive Officer



HONDA

Honda Atlas Power Product (Private) Limited (HAPPL) was established in April, 1998 as a joint-venture between Honda Motor Co., Ltd., Japan (80% equity stake) and Atlas Group, Pakistan (20% equity stake), to import and distribute Honda power products such as, generators, engines, water pumps, handheld equipments, tillers and other power products for the Pakistan market.

Together with motorcycles and automobiles, Honda entered the power product business in 1953 and till 2019 had produced over 150 million power products. Today, Honda power products are produced at 13 factories in 11 regions / countries and are sold in 86 countries around the world.

In order to fulfill Honda's 2030 Vision to serve people worldwide with the "joy of expanding their life's potential," Honda Life Creation business will offer new value in people's daily lives for customers all around the world for Honda motorcycles, automobiles and power products.



Honda Atlas Power Product (Pvt.) Ltd.

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