

HS SERIES® HYDRAULIC SUBMERSIBLE PUMPS



Portability for Hazardous Conditions

Gorman-Rupp hydraulic submersible pumps are designed for trash-handling, dewatering applications and for pumping sludges and slurries such as mining and paper plant wastes. They are also excellent for pumping sewage from digester and holding tanks.



motralec

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WELL SUITED FOR MOST HAZARDOUS LOCATIONS

Without using electricity, Gorman-Rupp hydraulic submersible pumps can operate fully submerged in many different types of hazardous locations.

VARIABLE SPEED OPERATION

Speeds can be varied to suit job requirements, providing maximum efficiency and minimum fuel consumption. HS Series® pumps are consequently much more economical to operate than generator-operated electric submersibles that run at only one speed.

RUN DRY WITHOUT DAMAGE

Fully recessed vortex impellers and oil-lubricated seals allow these pumps to run dry without damage; maintenance can be performed in the field.

CONFIGURATIONS

Ductile iron and aluminum configurations are available in 3" (75 mm), 4" (100 mm) and 6" (150 mm) discharge sizes, with capacities to 1,600 GPM (100 lps) and heads to 175' (53 m). HS Series pumps will pass up to 5" diameter solids, depending on the model.

Hydraulic power units for 4" (100 mm) and 6" (150 mm) discharge sizes are equipped with a standard 63 HP Deutz diesel engine and skid base. Two-wheel pneumatic tire wheel kits and D.O.T. (or transport Canada) certified trailers are also available.

The 6" (150 mm) HSV6B31-HYD is designed to fit through 22" (559 mm) manholes, making it ideal for sewer bypass and trenching applications.



Learn More about Gorman-Rupp Submersible Pumps

For more information on Gorman-Rupp products go to
GRpumps.com

HS SERIES HYDRAULIC SUBMERSIBLE DATA

Model	Discharge	Max. Solids	Max. Flow	Max. Head	Input	Pressure	Materials*	Weight
HSV3A1-HYD	3" (75 mm)	2.50" (63.5 mm)	400 GPM (25.24 lps)	71' (21.64 M)	4 – 8 GPM (.25 – .50 lps)	2500 PSI (175 bars)	Aluminum	28 lbs. (12.73 kg)
HSV3B31-HYD	3" (75 mm)	2.50" (63.5 mm)	340 GPM (21.45 lps)	57' (17.37 M)	4 – 8 GPM (.25 – .50 lps)	2500 PSI (175 bars)	Ductile Iron	59 lbs. (26.82 kg)
HSV4A31-HYD	4" (100 mm)	3.50" (88.9 mm)	1000 GPM (63.10 lps)	175' (53.34 M)	15 – 30 GPM (.95 – 1.90 lps)	2900 PSI (203 bars)	Ductile Iron	324 lbs. (147.27 kg)
HSV6B31-HYD	6" (150 mm)	5.00" (127.0 mm)	1500 GPM (94.65 lps)	54' (16.46 M)	15 – 30 GPM (.95 – 1.90 lps)	2900 PSI (203 bars)	Ductile Iron	255 lbs. (115.91 kg)
HSV6A31-HYD	6" (150 mm)	5.00" (127.0 mm)	1600 GPM (100.96 lps)	110' (33.53 M)	15 – 30 GPM (.95 – 1.90 lps)	2900 PSI (203 bars)	Ductile Iron	340 lbs. (154.55 kg)

* All pumps are fitted with CD4MCU stainless steel impellers.

HYDRAULIC POWER UNIT SPECIFICATIONS

Model	Pump	Max. Flow	Max. Pressure	Weight	Ports	Fuel Cap.	Power
HSP-L100AE	Fixed	6 GPM (0.38 lps)	1800 PSI (126 bars)	225 lbs. (102.27 kg)	1/2" (12.5 mm)	1.21 USG (5.50 l)	Yanmar Diesel
HSP-GX390	Fixed	6 GPM (0.38 lps)	2100 PSI (147 bars)	185 lbs. (84.09 kg)	1/2" (12.5 mm)	1.72 USG (7.82 l)	Honda Gasoline
HSP-F4L	Variable Piston Type	28 GPM (1.77 lps)	2900 PSI (203 bars)	1900 lbs. (863.64 kg)	1" (25 mm)	38.90 USG (176.84 l)	Deutz Diesel



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