

6GSCWP GLOBAL STANDARD CENTRIFUGAL WELLPOINT



Global Pump® Standard Centrifugal Wellpoint pumps are specifically designed to effectively handle the arduous requirements of wellpoint and underdrain dewatering systems where intermittent water flow and large amounts of air are encountered. The dual diaphragm priming system generates up to 100CFM without the need for an oil-cooled vacuum pump.

Global Pump Standard Centrifugal Wellpoint pumps provide a compact, dependable, highly efficient solution in with a revolutionary and environmentally friendly oil-less (mist-free) automatic priming assembly with built in air separation.

The model 6GSCWP is capable of achieving maximum flows of 1,350 gpm (307 m³/h) and maximum total head of 108' (33 m), with solids handling up to 0.75" (19 mm) in diameter. The standard 6GSCWP is powered by a water-cooled, 4-cylinder diesel engine. Alternative drives are available, including other diesel engines or electric motor options.

FEATURES

Diesel Engine 23 horsepower at 1800 rpm

Global Pump's rugged, heavy duty pumps are engineered specifically for portable application

Dual independently driven diaphragm pumps provide high air handling and fully automatic priming system

Oil-mist free priming system is environmentally friendly and can be quickly adapted for indoor usage

High efficiency air separation tank separates air and water before entering of the pump

Pump casings are hydrostatically tested to 50 psig (345 kPa) above the peak casing design pressure

Three stages of air separation on each diaphragm pump provides double redundancy for each of the two tandem priming systems

Standard engine control panel provides preset emergency shutdown protection and allows the addition of automatic level control

Reversible non-return discharge tee valve allows the direction of the discharge to be swapped quickly in the field

Standard skid-mounted format with integral fuel tank, tie downs, lifting bail and fork pockets

OPTIONS

Fuel tanks for extended run times and/or remote location as required

Highway trailer with integral fuel cell/chassis, lights, fenders, tie downs, lifting bail, front and rear jacks

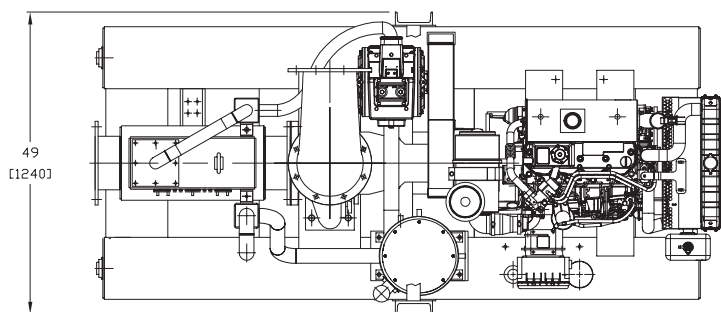
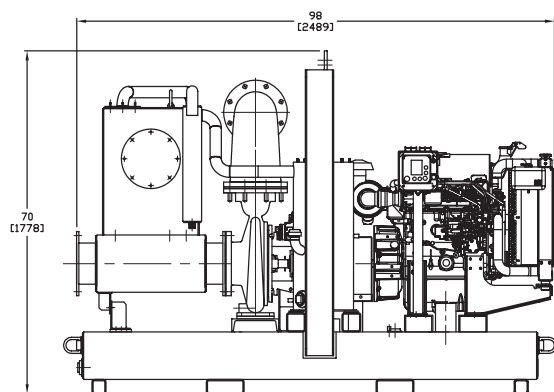
Trailer brakes can be offered as required

Sound attenuated enclosure options

Hose racks, accessory containers and other custom features available as required

Wide range of suction and discharge fittings available including Global's own "QD" Quick Disconnect fittings and accessories

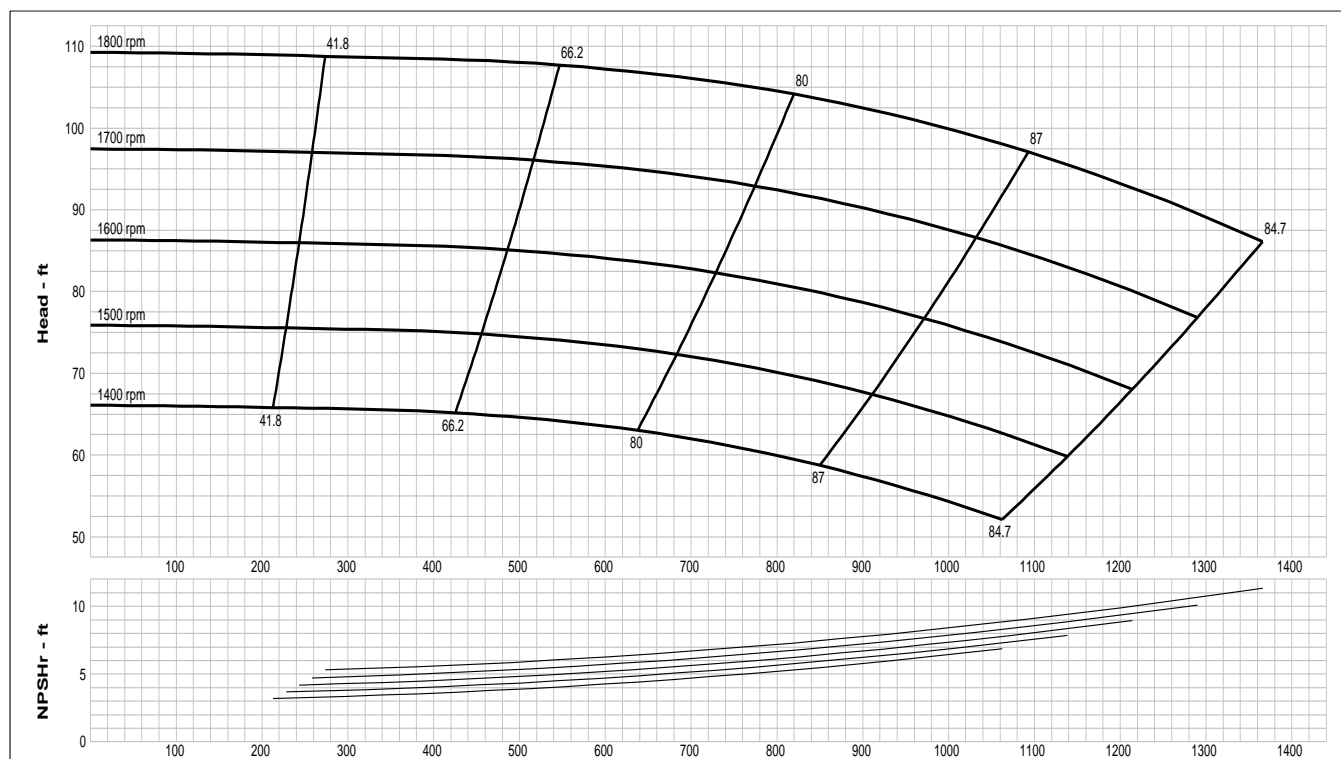
Array of wellpoint accessories available including wellpoint suction header, header plugs, swing arms, PVC 90s and end plugs

**SPECIFICATIONS**

Connections	6" (150 mm) ANSI Flanges
Maximum Pump Speed	1,800 rpm
Maximum Flow	1,350 gpm (307 m ³ /h)
Maximum Head	108' (33 m)
Maximum Static Priming Lift	28' (8.5 m)
Water Temperature Limit	160° F (71° C)
Solids Handling Capability	0.75" (15 mm)
Maximum Casing Pressure	150 psig (1034 kPa)
Standard Compact Fuel Tank	106 gallons (401 liters)
Dry Weight	4,800 lbs

PUMP MATERIAL

Casing	Cast Iron
Impeller	Cast Iron
Bearing Housing	Cast Iron
Bearing Lubrication	Grease
Shaft	Steel
Shaft Sleeve	Stainless Steel
Seal	Carbon on Ceramic
Chassis/Fuel Cell	Steel
Non-Return Valve	Nitrile Fitted Steel
Air Separation Tank	Nitrile Fitted Steel

**GLOBAL PUMP**

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