

HP700-DI

Diesel High Performance Pump



Diesel Compatibility

Refueling convenience with today's apparatus

Very High Capacity Model

Flows to 750 GPM

Configured for easy installation by truck builders

Ideal for all supply applications

Hale's revolutionary new diesel pumps with the light weight Iveco Motors engine offer higher flows while exceeding ISO 9 and 8 and NFPA 1901-500 GPM. Diesel powered slip-on pumps offer the convenience of fuel compatibility with a diesel powered chassis. They combine all the benefits of a diesel engine, including safety, reliability, long life and low maintenance, with power and performance comparable to a gasoline driven unit.

The Hale HP700-DI consists of an APS-M pump with a bronze impeller and stainless steel shaft. Wear rings are renewable bronze with a vertically split pump case for easy service.

Hale's Open Chassis Unit Design includes:

- Painted structural steel frame
- Elastomeric drive disk
- PVG priming valve (loose)
- Fuel pre-filter (loose)
- Muffler (loose)
- Unit fully wired and ready to run (when ordered with the appropriate options)
- APS-M pump unit w/cooler
- Heavy duty cooling package
- 5-inch Victaulic® inlet connection
- 3-inch NPT flange discharge
- CAN 1939 engine data connection
- Oil pressure gauge

The powerful Iveco Motors 2.3 liter turbo diesel engine delivers industry leading performance. Iveco Motors is one of the largest engine producers in the world with over 230 dealers/service centers in North America (see map at right).



Performance Ratings

350 GPM @ 300 PSI
675 GPM @ 200 PSI
750 GPM @ 100 PSI

The HP700 DI compact package is designed for today's demanding applications:

- Low profile design
- Reliable light weight Iveco Motors 2.3L diesel engine
- Optional ENFO IV engine gauge package includes hourmeter
- ESP primer mounted
- Available with additional manifold and valve options

Hale offers a complete line of diesel pumps to satisfy a variety of field situations and requirements.



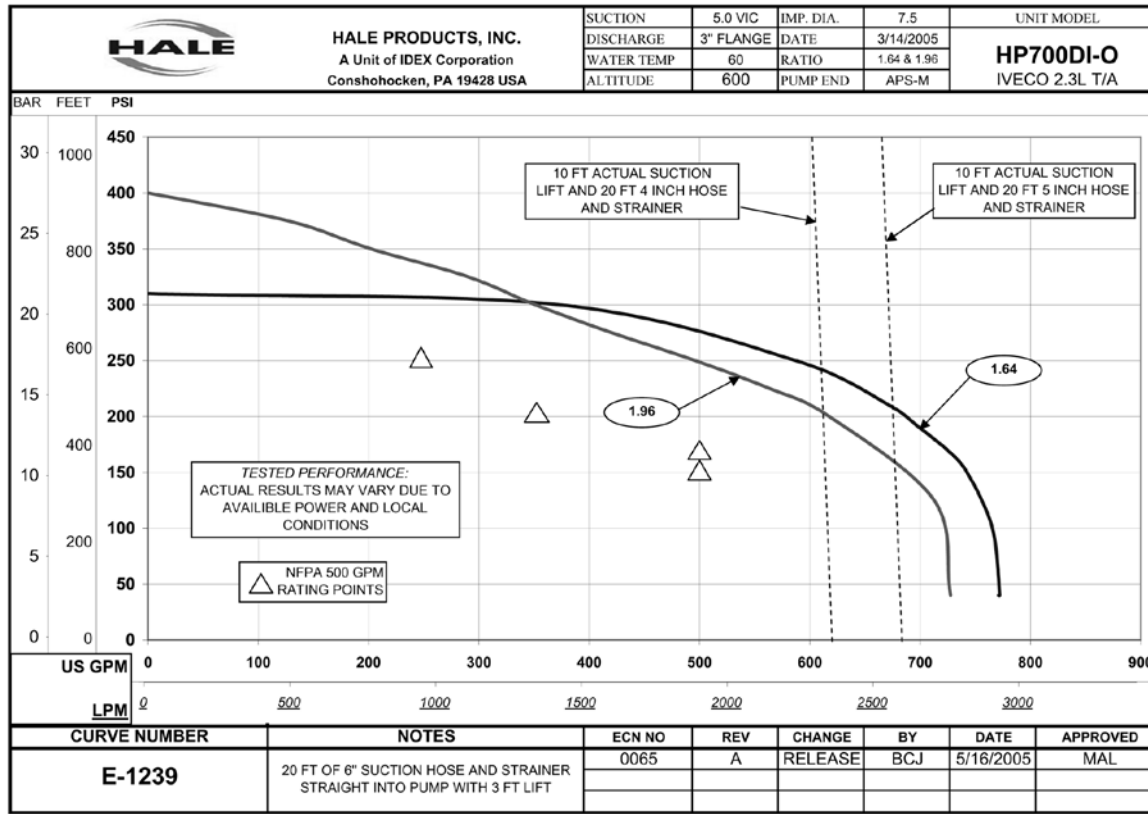
MAXSTREAM DIESEL

HP700-DI

Diesel High Performance Pump

Class 1

MAXSTREAM DIESEL



Impeller Diameter: 7.5 inches
Suction: 5 inch Victaulic®
Discharge: 3 inch NPT flange
Length: 61.5 inches
Width: 29.5 inches
Height: 33 inches
Weight: 1100 pounds

Technical Specifications

Body and Head: Fine grain cast iron
Impeller: Hand ground bronze mixed flow
Shaft: Stainless steel
Shaft Seal: Self-lubricating mechanical seal
Priming: 12-volt DC ESP primer mounted
Gears: Precision helical gears
Drive Disk: Elastomeric

Engine

Make: Iveco Motors
Cycle: Four Cycle Turbocharged and Intercooled
Horsepower: 114 HP @ 3900 RPM
Injection: Electronic direct injection
Cooling: Liquid cooled and charge air cooled

Lubrication: Pressurized lube system with spin-on oil filter
Starting: 12 Volt Electric start
Cylinder: 4 cycle, 4 cylinder
Speed Governor: Isochronous all speed integral RPM governor
Cylinder Head: Aluminum
Air Filter: Dry element, replaceable

Standard Features

- Quiet zone muffler
- Mounting feet; structural frame included
- 12V ESP Primer
- Single gauge instrument panel
- 12 Volt alternator; 120 AMPS
- CAN 1939 compliant data bus supports remote engine data display
- EPA and CARB certified

Options

- Dual gauge instrument panel with ENFO IV engine instrumentation
- Mini-Manifold for discharge
- Suction and discharge valves
- NFPA ember separator

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