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**ASSOCIATED PUMP & SUPPLY, INC.**

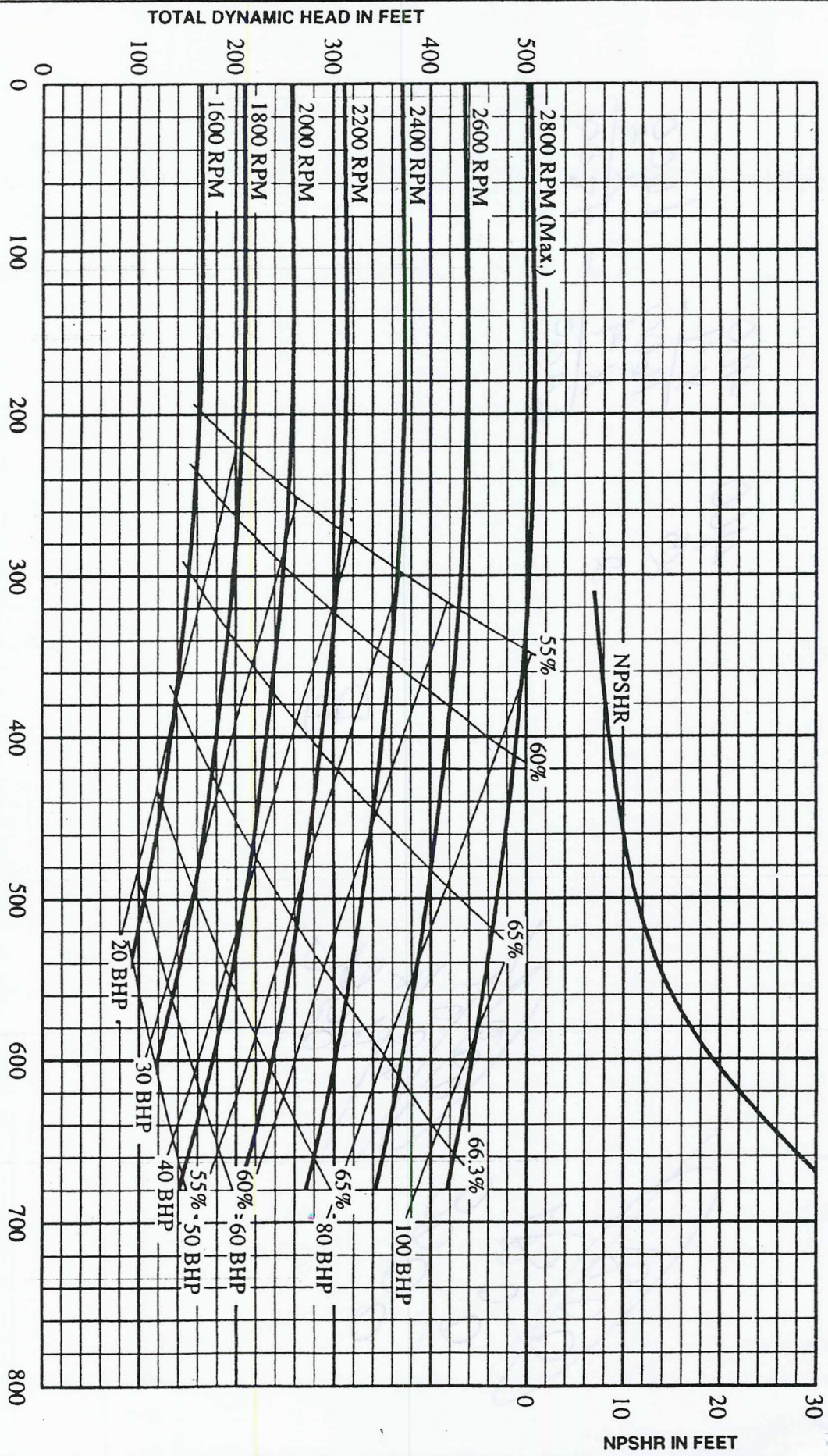
9074 Park Avenue • Houma, LA 70363  
 Phone: 985-851-7077

14 Franklin Road • Ocean Springs, MS 39564  
 Phone: 228-818-6400

Case: Refer to Parts Catalog  
 Impeller: Refer to Parts Catalog

Dia. 13.5" Full

Nominal RPM: **VARIOUS**  
 Based on Fresh Water @ 80° F.  
 Maximum Working Pressure: 247 PSI



215  
 Lx  
 4 1/2

C-7046

Based on T-2804

Supersedes C-7046

Dated 10-27-71

Date 01-13-99

MODEL

**B21/2JQBM**

### Technical Specifications

|                                    |                                   |
|------------------------------------|-----------------------------------|
| <b>Jet Pump</b>                    |                                   |
| MWI Model                          | JP004                             |
| Water Pump Type                    | Centrifugal, SAE Engine Mount     |
| Suction                            | 4" Female Bauer Socket            |
| Discharge                          | 2" Female NPT (Ball Valve Outlet) |
| Water Pump SAE Mount               | #4                                |
| Priming System                     | Venturi, Air Ejector              |
| Diesel Engine Manufacturer         | John Deere                        |
| Diesel Engine Model                | 4045DF150                         |
| Continuous Diesel Engine Rating*   | 62 hp @ 1800 rpm                  |
| *does not include parasitic losses | 71 hp @ 2400 rpm                  |
| Aspiration                         | Natural                           |
| Compressor Model                   | Holset QE296                      |
| Compressor Rating                  | Reference Enclosed Curve          |
| Diesel Over-speed Shutdown Setting | 2400 rpm                          |
| Diesel Fuel Reservoir Capacity     | 94 Gallon                         |

### Centrifugal Water Pump

The water pump is a centrifugal type pump. Fluid enters the pump through the volute inlet 'eye' and is thrust perpendicular to the pump shaft and travels along the perimeter of the volute until it reaches the discharge area. At this point the fluid is directed through the discharge hose and finally exits the discharge hose.

### Priming Sequence

Observe the following sequence to successfully prime the water pump:

- > Close ball valve located on water pump outlet.
- > Start diesel engine per manufacturer's recommendations.
- > When water mist is observed discharging from the venturi outlet slowly open the ball valve.
- > Close the discharge ball valve before stopping the water pump to prevent loss of prime (there is a check valve in the primer housing to prevent loss of prime)

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