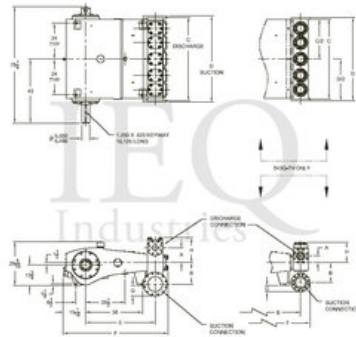


## Wheatley, HP600-AM (543Q-7M), Quintuplex, Plunger Pump

- 543 horsepower 7 1/8" stroke horizontal quintuplex single acting plunger pump
- Available in two fluid end materials
- Pump speeds up to 280 RPM

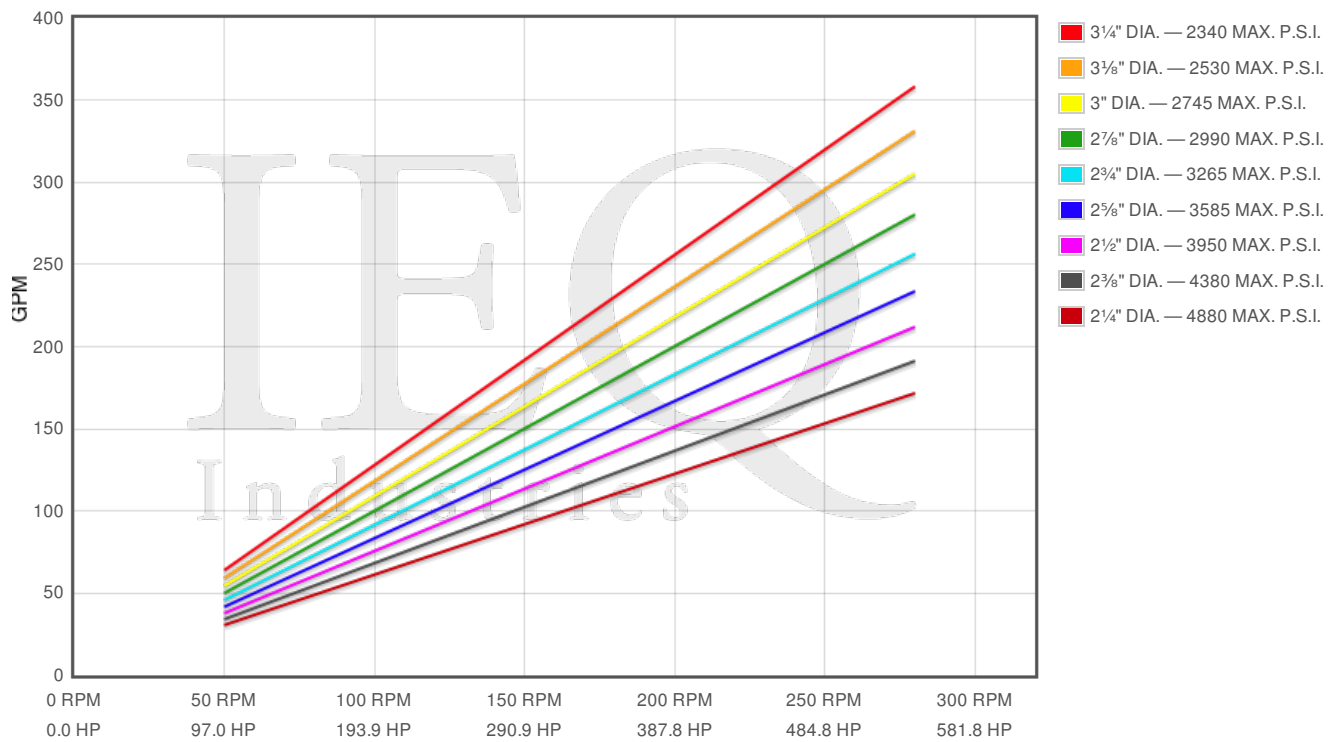
### Specs

| Spec                      | U.S. Standard |
|---------------------------|---------------|
| Type:                     | quintuplex    |
| Minimum Plunger Diameter: | 2 1/4"        |
| Maximum Plunger Diameter: | 3 1/4"        |
| Stroke length:            | 7 1/8"        |
| Maximum Working Pressure: | 3,600 PSI     |
| Rod/Piston Load:          | 19400lb       |
| Gallons per Minute:       | 358.2         |
| Barrels per Day:          | 12280         |
| Brake Horse Power:        | 543.0         |



### Features/Benefits

- Cast iron power frame
- Ductile Iron crankshaft
- Heavy-duty, tapered roller crankshaft bearings
- Precision type, aluminum alloy crankpin bearings
- Ductile iron connecting rods
- Roller Type Center Main Bearings
- Alloy steel crosshead pins
- Bronze bearing crosshead pin bushings
- Cast iron crossheads with upper/lower oil grooves
- Stainless steel extension rods
- Internal pressure lubrication
- Rated rod load is 19400 lbs.
- Bolted Type Valve Covers
- Removable Stuffing Boxes & Glands
- Plungers - Solid Ceramic, or Tungsten coated



| Pump                | English Units    |                      |             |             |                | 50 RPM |       | 150 RPM |       | 250 RPM |       | 280 RPM |       |
|---------------------|------------------|----------------------|-------------|-------------|----------------|--------|-------|---------|-------|---------|-------|---------|-------|
|                     | Plunger Dia. In. | Plunger Area Sq. In. | BPD per RPM | GPM per RPM | Max Press. PSI | BPD    | GPM   | BPD     | GPM   | BPD     | GPM   | BPD     | GPM   |
| HP600-AM<br>543Q-7M | 3.250            | 8.2958               | 43.864      | 1.2794      | 2339           | 2193   | 63.97 | 6580    | 191.9 | 10970   | 319.8 | 12280   | 358.2 |
|                     | 3.125            | 7.6699               | 40.555      | 1.1829      | 2529           | 2028   | 59.14 | 6083    | 177.4 | 10140   | 295.7 | 11360   | 331.2 |
|                     | 3.000            | 7.0686               | 37.376      | 1.0901      | 2745           | 1869   | 54.51 | 5606    | 163.5 | 9344    | 272.5 | 10470   | 305.2 |
|                     | 2.875            | 6.4918               | 34.326      | 1.0012      | 2988           | 1716   | 50.06 | 5149    | 150.2 | 8581    | 250.3 | 9611    | 280.3 |
|                     | 2.750            | 5.9396               | 31.406      | 0.9160      | 3266           | 1570   | 45.8  | 4711    | 137.4 | 7851    | 229.0 | 8794    | 256.5 |
|                     | 2.625            | 5.4119               | 28.616      | 0.8346      | 3585           | 1431   | 41.73 | 4292    | 125.2 | 7154    | 208.7 | 8012    | 233.7 |
|                     | 2.500            | 4.9087               | 25.955      | 0.7570      | 3952           | 1298   | 37.85 | 3893    | 113.6 | 6489    | 189.3 | 7267    | 212.0 |
|                     | 2.375            | 4.4301               | 23.425      | 0.6832      | 4379           | 1171   | 34.16 | 3514    | 102.5 | 5856    | 170.8 | 6559    | 191.3 |
|                     | 2.250            | 3.9761               | 21.024      | 0.6132      | 4879           | 1051   | 30.66 | 3154    | 91.98 | 5256    | 153.3 | 5887    | 171.7 |

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