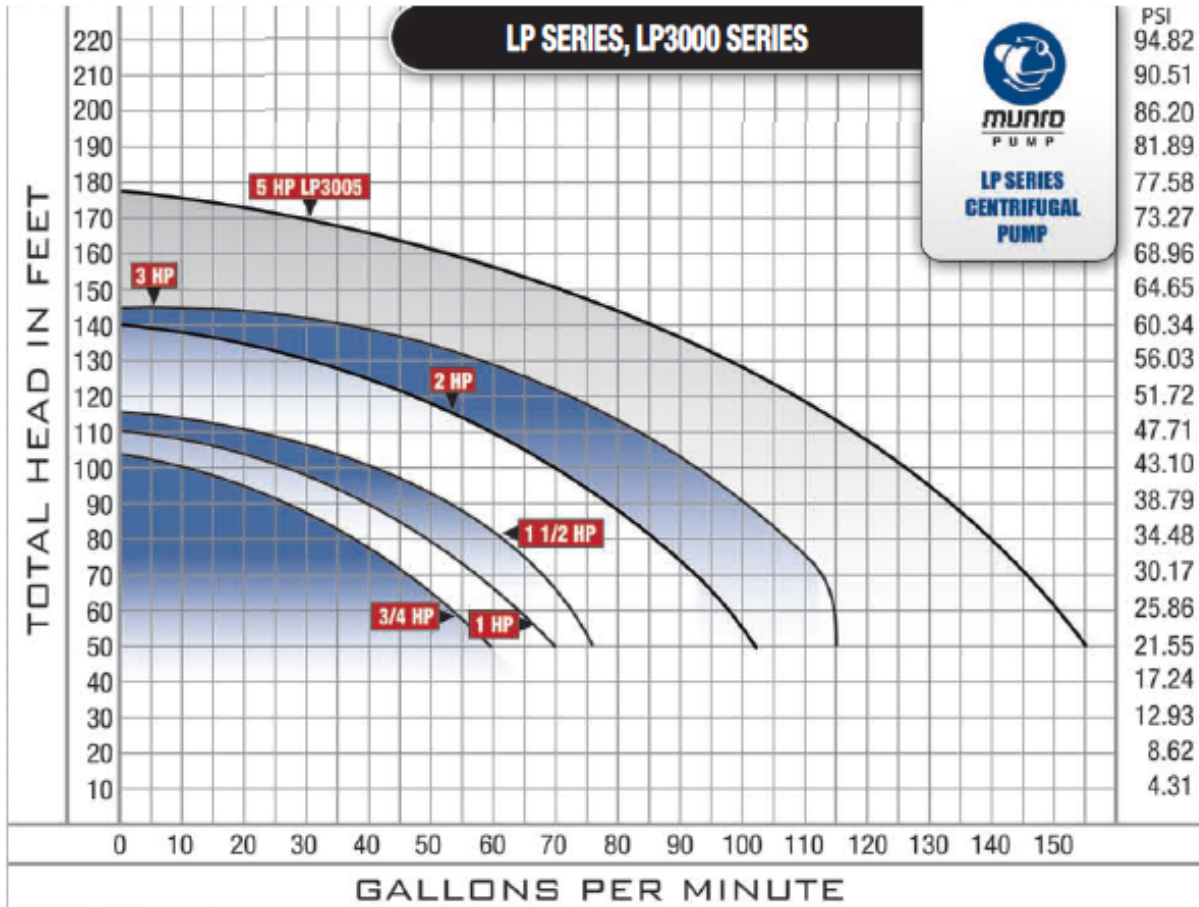


## Worksheet 5 Pump Curves

Use the example pump curve below to answer the following questions

### Pump Performance Curve



1. If the pump above is using a 1 HP motor, how much feet of head will the pump produce if 25 GPM is needed? How much PSI?
2. An irrigation system is designed to operate at 50 PSI and needs 50 GPM. What size motor is needed?
3. How much flow will a pump with a 3/4HP motor that creates 70 feet of head produce?