



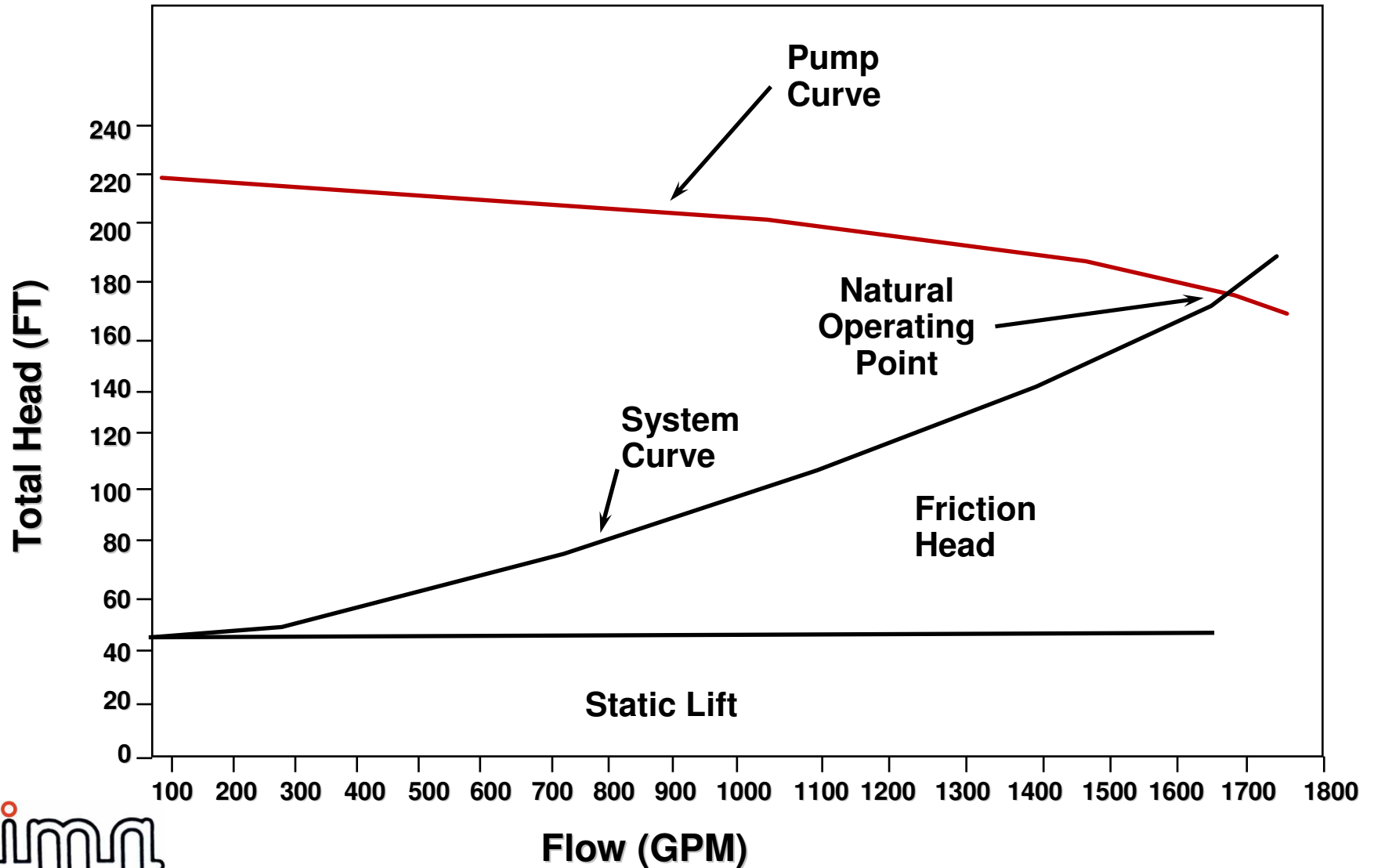
## Pumping System Case Study



**η-Power** Solutions  
Pima Controls Pvt. Ltd.

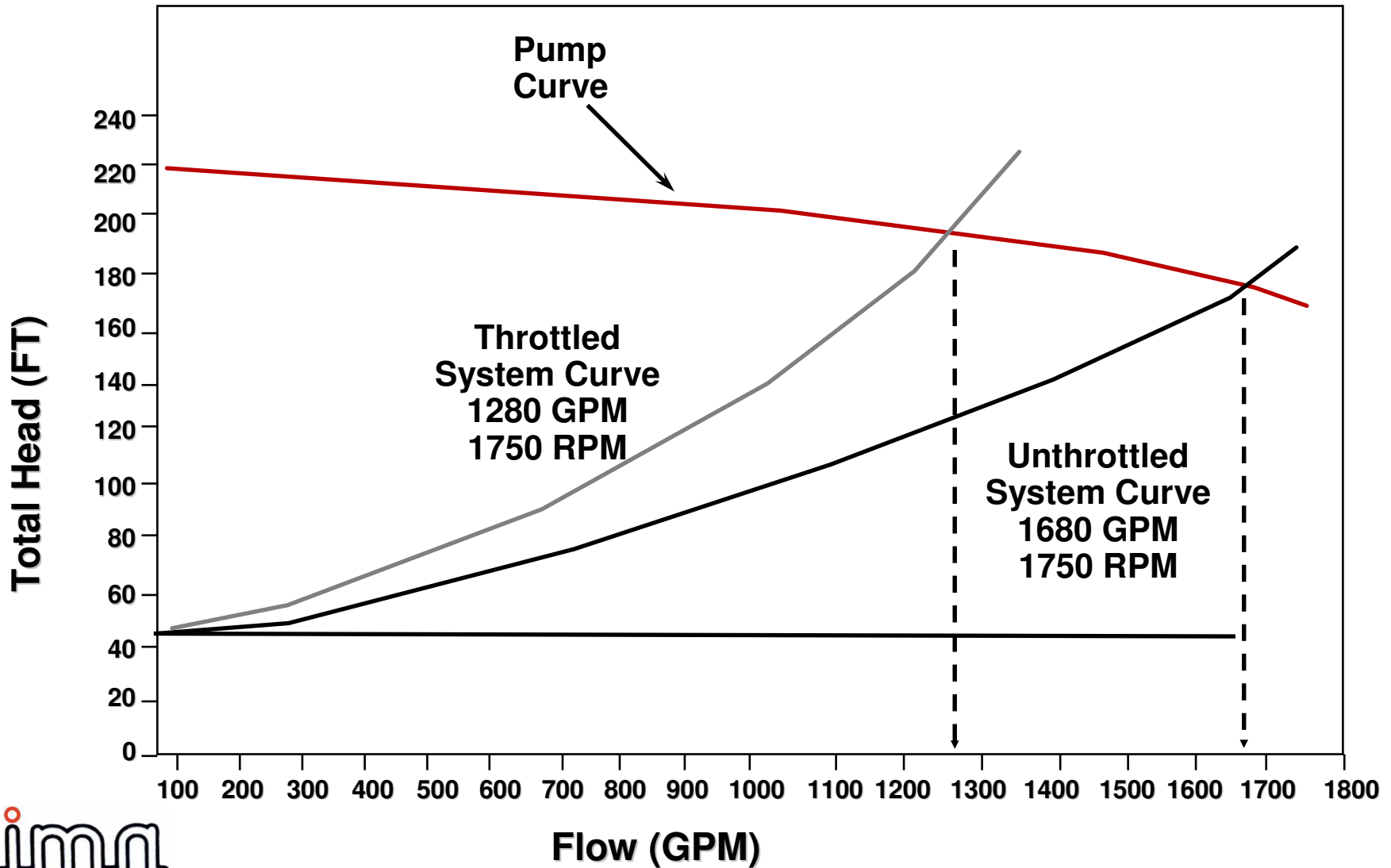
# Example - 100 HP Pump

1700 GPM, 180 Feet, 80% Efficient, 45 Feet Static Lift



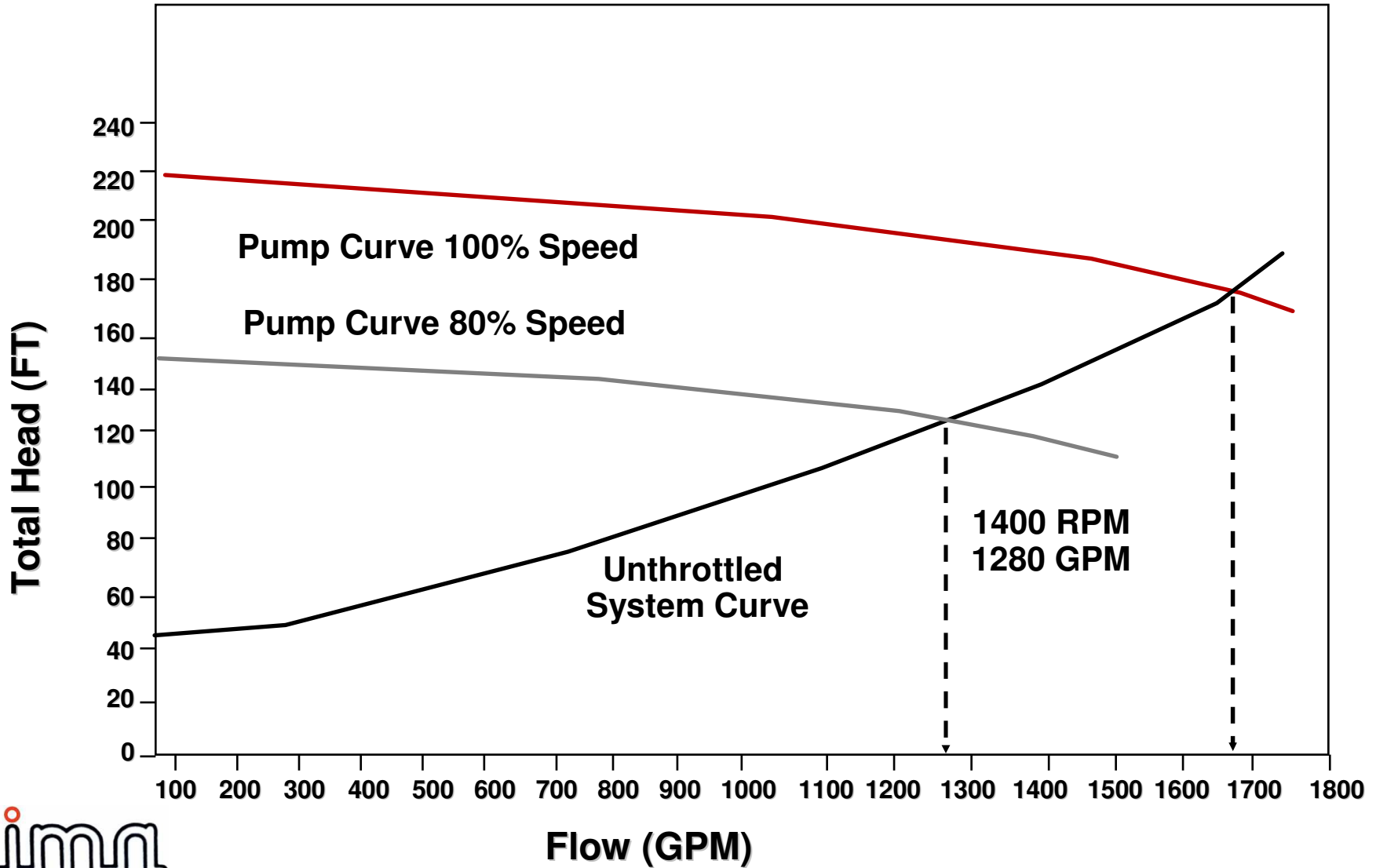
# Example - 100 HP Pump (Contd.)

80% Flow, 25% Lift Valve Operation



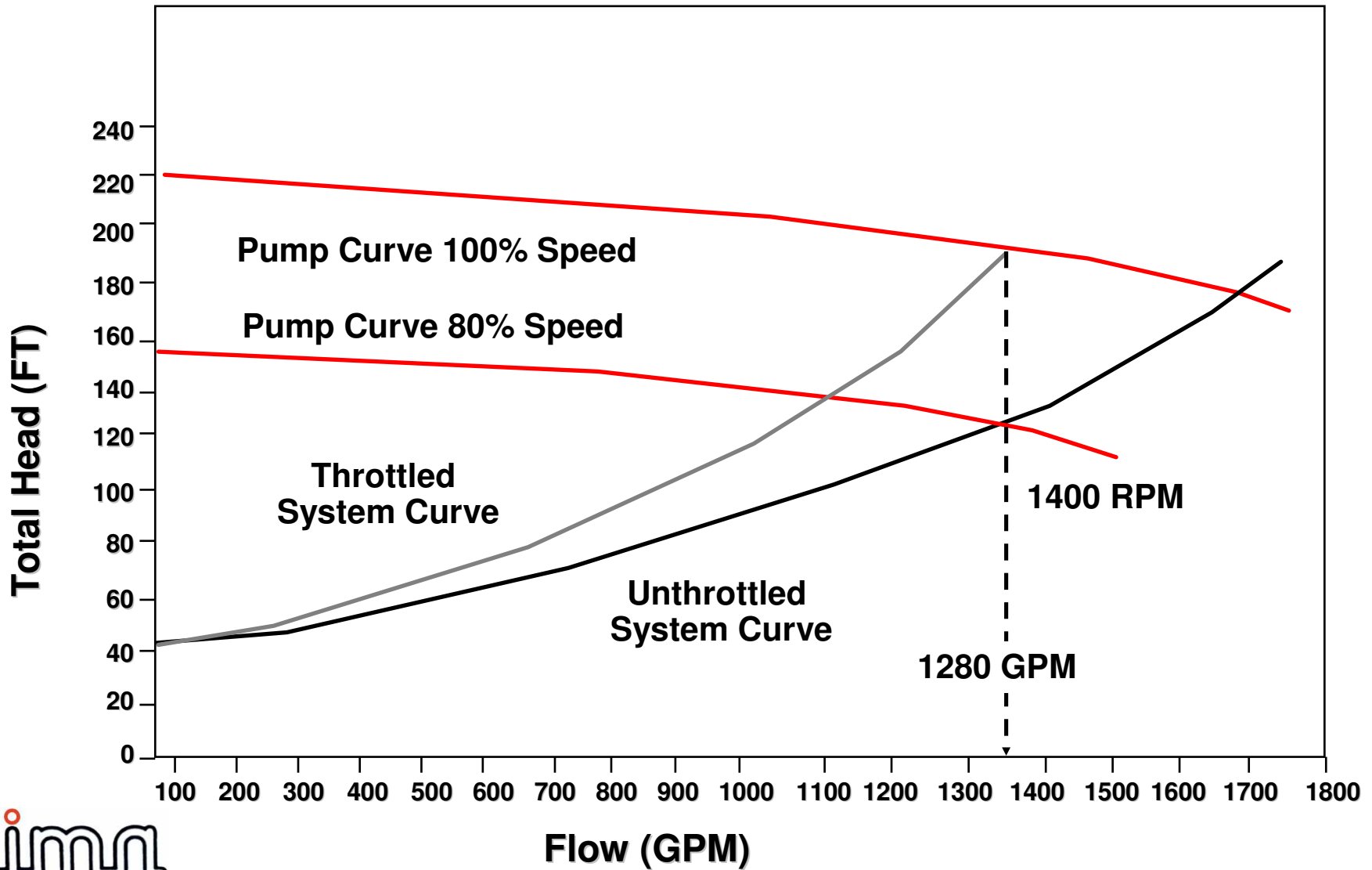
# Example - 100 HP Pump (Contd.)

## Pump Curve 80% Speed



# Example - 100 HP Pump (Contd.)

## Pump Curve 80% Speed



# Example - 100 HP Pump (Contd.)

80% Flow, 1280 GPM  
Valve Operation Versus Reduced Speed Operation

