

A hand-drawn graph illustrating the intersection of a demand curve (downward-sloping) and a supply curve (upward-sloping). The intersection point is marked with dashed lines extending to the axes, labeled '50' on the vertical axis and '1200 GPM' on the horizontal axis.

hold 1,000 GPM, over a range of 12' to 75'  $\Delta P$

The graph illustrates the operating point of a pump system. The y-axis represents head in feet, with marked values at 12', 50', 60', and 75'. The x-axis represents flow rate in GPM, with marked values at 1,000 GPM and 1200 GPM. A solid curve represents the pump head, and a dashed curve represents the system head. The intersection point is marked at 1,000 GPM and 60' head.

with a typical Balancing valve  
Throttled to 1,000 GPM

