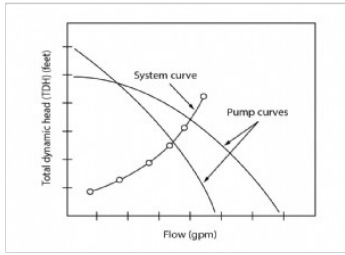


total dynamic head (TDH)

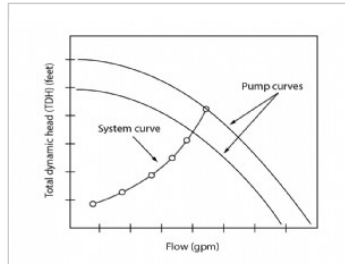
measure of the cumulative energy that a pump must impart to a liquid to move it from one point to another, consisting of the sum of friction head (as based upon piping diameter, system configuration, and flow rate) and static head (the sum of elevation head and operating pressure); see also friction head, static head, and operating pressure.

total dynamic head (TDH) images/graphics:



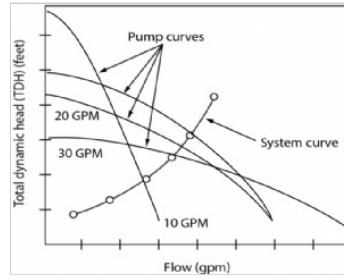
System and pump curve with TDH and flow

Graphic illustration of relationship between system curves, pump curves, total dynamic head (TDH) and flow



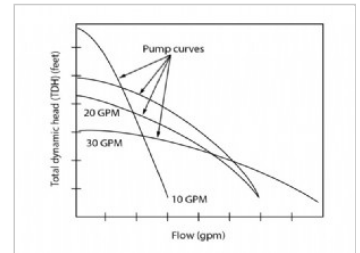
Curves for pumps with different impellers

Curves for pumps with different impellers



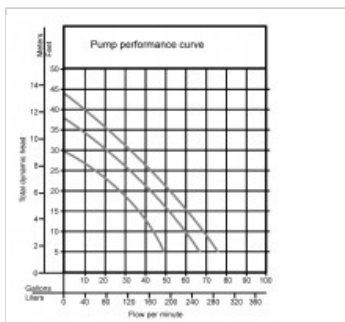
System and different pump curves with TDH and flow

Family of pump curves with a system curve plotted across pump curves

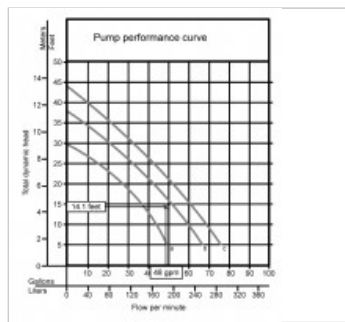


Family of pump curves with TDH and flow

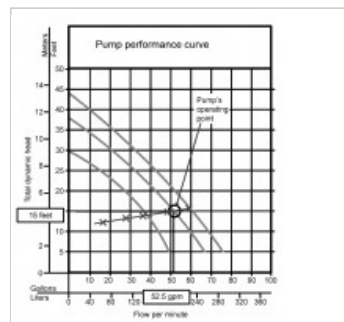
Family of pump curves



Representation of pump performance curves



Pump selection based upon the system operating point



Pump selection based upon a system curve point