

## Step 1

Calculate maximum head requirements at rated flow conditions:

$$H_{max} = \text{dynamic head} + \text{system psi (in feet)} + \text{friction loss} + \text{above grade elevation}$$

## Step 2

Select pump from chart as follows:

- Select a model in which the calculated value of Hmax is below the value in columns 2
- For example: the choice for a 40gpm model with an Hmax of 150 would be the 40S30-9

	Col. 1	Col. 2
System Sizing Matrix		
Pump Type	Shutoff Head (0 GPM) @ 1500 RPM Min. Speed	Head @ Rated GPM @ 3600 RPM Max. Speed
3HP	TDH(Feet)	TDH(Feet)
16S30-24	128	490
25S30-15	80	305
40S30-9	45	185
75S30-5	30	105
5HP		
16S50-38	200	825
25S50-26	105	530
40S50-15	75	310
75S50-8	45	175

