

Answers to Test Your Knowledge

Convert MGD to GPD

$$\begin{aligned} 2.5 \text{ MGD} \times 694.5 \text{ GPM} \\ = \\ 1,736.25 \text{ GPM} \end{aligned}$$

Convert % to decimal

$$\begin{aligned} \frac{69\%}{100} \\ = \\ .69 \end{aligned}$$

$$\begin{aligned} \text{BHP} \\ = \end{aligned}$$

$$\begin{aligned} \frac{1,736.25 \text{ GPM} \times 210 \text{ ft}}{2,546.1} \\ .69 \times 3,960 \\ = \\ \frac{364,612.5}{2,546.1} \\ = \\ 143.2 \text{ BHP} \end{aligned}$$