FREE CALCULATOR

Hydraulic horsepower calculator

The hydraulic horsepower from flow and pressure, the engine or motor power needed to drive the pump, and the same in kilowatts.

CHART

Hydraulic horsepower by flow and pressure

FLOW	1,000 PSI	2,000 PSI	3,000 PSI	5,000 PSI
5 gpm	2.9 hp	5.8 hp	8.8 hp	14.6 hp
10 gpm	5.8 hp	11.7 hp	17.5 hp	29.2 hp
20 gpm	11.7 hp	23.3 hp	35.0 hp	58.3 hp
30 gpm	17.5 hp	35.0 hp	52.5 hp	87.5 hp
40 gpm	23.3 hp	46.7 hp	70.0 hp	116.7 hp
60 gpm	35.0 hp	70.0 hp	105.0 hp	175.0 hp

Free chart from fleetzap.com/tools/hydraulic-horsepower-calculator