



Explanation of listed Horsepower ratings in our Submittal Package Data sheets

Nameplate Motor Horsepower: Relates to the minimum of a range of horsepower. It does not fully reflect the electrical design capability of a motor.

Horsepower at design: Calculated HP of the pump to operate along the design curve

NOL Horsepower: In order to handle the maximum power demanded by the pump at any point along the curve, a maximum power value is calculated as the non-overloading brake horsepower of the pump.

Service Factor: is related to the motor only not the pump operation

Actual specified motor example:	
Nameplate Motor Horsepower	1HP
Horsepower at design	1.51HP
NOL Horsepower	2HP
All refers to the same motor/pump	