PressureJet
EXPLORE THE WATER POWER

Motorized – Engine Driven Hydro Test Pump

1. Have you ever used hydrostatic test pump? If yes, please let us know the make and other details.
This question is very important to let us know your Understanding / knowledge about this product. It is essential for us to open right Communication.
Ans :

2. Please inform test pressure / discharge pressure in psi or kg/sq. cm or bar or kpa.
Normally, customer should select 10 to 20% more pressure than requirement. Several times, customer thinks that Higher Pressure Pump may be needed for future application. Based on that, they propose quite high pressure pump, which may be very costly. In some cases, it is otherwise. There are many models, where price may be almost same for different pressure, only motor and other miscellaneous accessories will be changed and total cost impact may be too small (e.g. If you select T2-15-10 model for 2 lpm / 125 kg/sq. cm / 1 hp or if you select 1.6 lpm / 375 kg/sq. cm / 2 hp, there may be hardly 10 to 15% price difference between 125 kg/sq. cm and 375 kg/sq. cm as the model is same.) at the same time, in some cases, little high capacity (flow rate) or pressure, price may be too high.
Ans :

3. Name of Equipment, component to be tested
Many a time, this information is sufficient for us to propose right model or to provide references. Your equipment/component may be Valves, Hose, Tube or Pipe, Boiler, Heat Exchanger, Cross Country Pipe Line, Vessel, Reactor etc.
Ans :

4. Size of the equipment / volume of the equipment. If you do not know, please type "Don't know", however in such case pump discharge / flow rate is essential.
Either flow rate of the pump or size / volume of the Equipment to be informed. Without size / volume of the equipment, we cannot select right model.
Ans :

5. Available time for one hydro test approximately.
It is very important to inform the time available to achieve desired pressure. If more time is available, then low flow, small pump can be selected, which will be a cheaper solution and if less time is available, we shall select high volume high pressure pump to finish hydro test in stipulated time period.
Ans :

6. Flow rate of the pump, if available

If you have this information, then you can provide straightway to reduce communication. You may also furnish your existing pump detail for better selection.

Ans :

7. Will you stop the pump immediately after obtaining your desired pressure? Yes/No, If no, why do you want to run the pump under pressure? For how many hours?

This is important for us to select the duty condition of the pump. Mostly, user stop the pump once achieves the test pressure. Very rarely in few applications, some leakage is permissible and in that case, user keeps the pump ON to maintain the test pressure for particular time.

Ans :

8. No. of equipments / day to be tested.

This will help us to select the flow rate as well as duty of the pump.

Ans :

9. Please inform whether you require diesel engine driven system or electric motor driven system?

Ans :