



TEIKOKU

Application Data Sheet

Name

Title

Company

Email

Website

Street Address

City

State

Zip Code

Country

Our Application Engineering Department would like to furnish you with a custom proposal that is best suited for your application. This requires a knowledge of the system in which the pump(s) is to operate. If you will answer the following questions, we will be able to give you the best pump recommendation possible.

Is this a new application? Yes No

Is this for a duplicate pump? Yes No

Serial Number of existing pump:

Units of Measurement

Capacity Required

 M3/HR

Suction Pressure (head or lift)

 MPa(g)

Total Dynamic Head

(Total discharge head minus total suction head or plus total suction lift):

 Meters

NPSH available at pumping temperature

 Meters

Discharge Pressure (head)

 MPa(g)

Fluid to be pumped

If a mixture, please state the percentage of each substance by weight

Solids in suspension, if any (state types)

Largest Particle Size (microns)

Abrasive Qualities

Average Particle Size (microns)

Concentration of solids (% by volume)

Pumped Fluid Temperature:

Min. ° C Max. ° C Normal ° C

Vapor Pressure:

At Start Up MPa(a) At Pumping Temp. MPa(a)

Specific Gravity (relative to H2O at STP):

At Start Up At Pumping Temp.

Viscosity (centipoise):

At Start Up At Pumping Temp. Range

Any Other Pertinent Data:

(May Include melting points, boiling points, etc., not otherwise stated in other chemical and physical data.)

Preferred Materials of Construction:

Maximum Allowable Working Pressure: MPa(g)

Cooling Water Available: Yes
 No

Type of Connections:

Motor Characteristics Required:

Volts Cycles Phase

Enclosure:

(Standard motors are 3 Phase, 50/60 Hz, 200-230/380-460 VAC, totally enclosed liquid cooled.)

Electrical Area Classification and Temperature Code

VFD required? Yes No

Special Features Required:

Other Motor Characteristics Desired:

Test and/or Inspection Requirements:

Additional Information:

Typical System Sketch

Units of Measurement

Ps - Pump Suction Pressure
Pd - Pump Discharge Pressure
Pts - Suction Tank Pressure
Ptd - Discharge Tank Pressure

Discharge Tank Pressure:

 MPa(g)

Tank is:

- Open
 Closed

Vapor Pressure in Vessel:

 MPa(a)

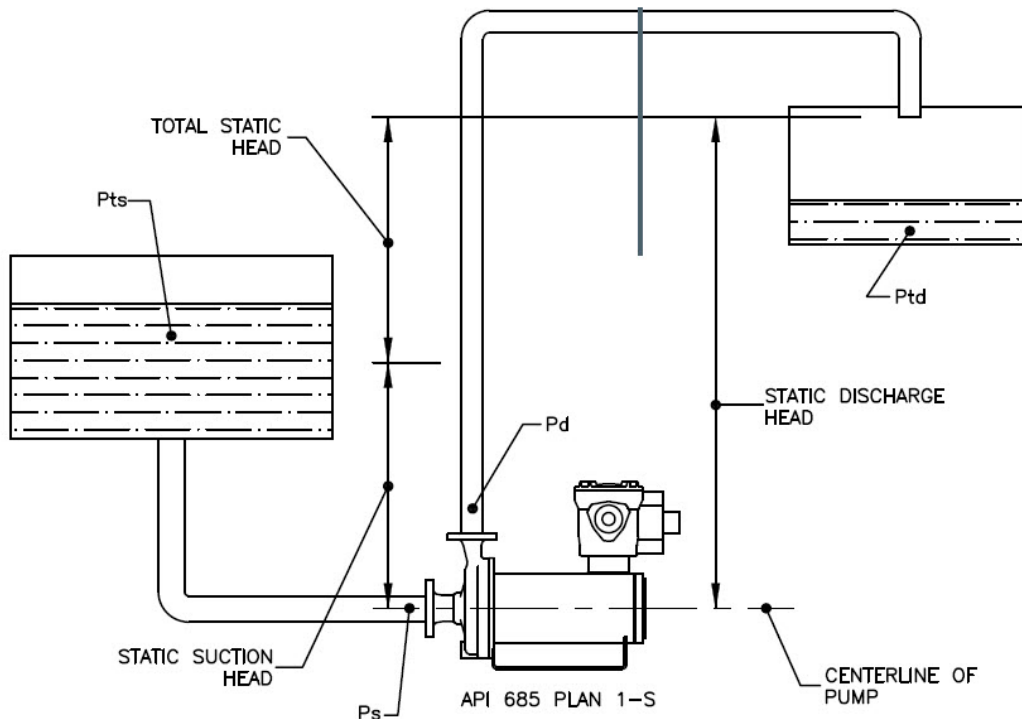
Suction Tank Pressure:

 MPa(g)

Tank is:

- Open
 Closed

Vapor Pressure in Vessel:

 MPa(a)

Please send this form to Info@TeikokuPumps.com.