

● Introduction

The type TD pumps are single stage in-line centrifugal pumps, equipped with standard motor and mechanical seal. Comparing with others pumps in similar structure, these pump pump are less accessible to the impurity in the liquid.

The pump is designed to be pulled out from the top when disassembler, It can be repaired without affecting the pipelines.

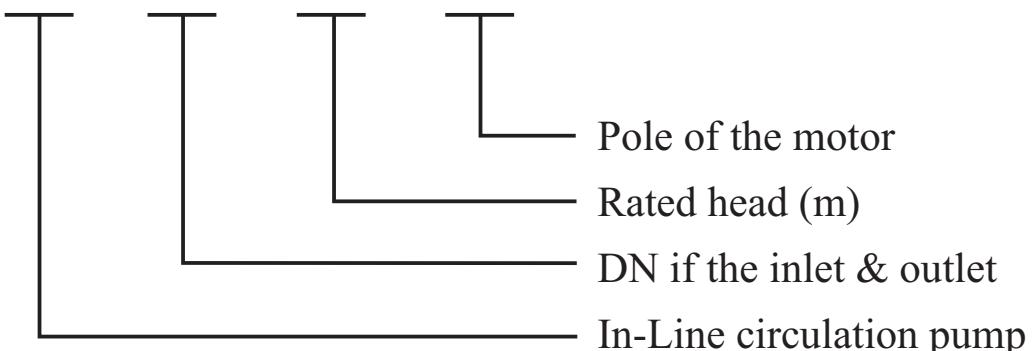
The mechanical seal for Td200 and above is cartridge mechanical seal. Motor needn't to be disassembled when replace mechanical seal

TD125-TD150 products have two structures, one easy maintenance structure, using a cartridge mechanical seal. And another is expantion shaft structure.

● Definition of Model

TD50-24/2

TD 50 - 24 / 2



● Curve Conditions

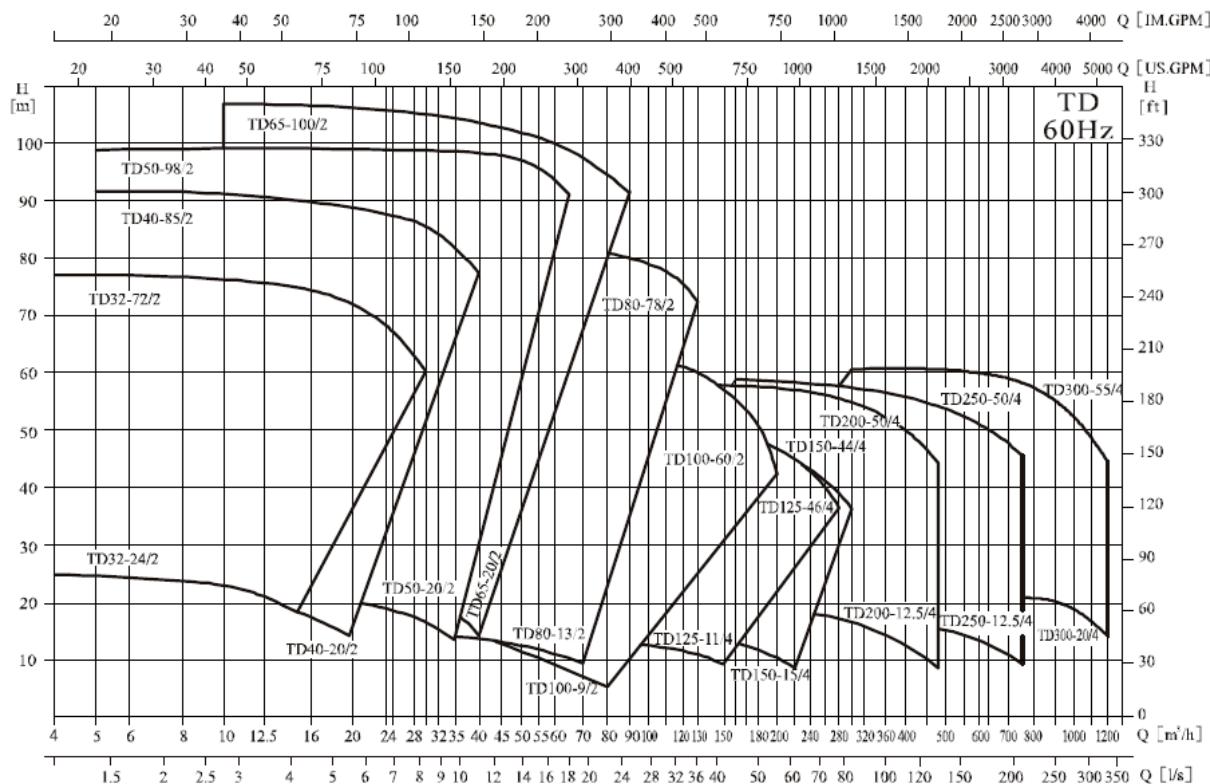
Following conditions are suitable for the performance curves shown above.

- 1.- All curves are based on the measured value of motor 3x380v, 60Hz under the constant speed.
- 2.- Curve tolerance in conformity with ISO9906 Annex A.
- 3.- Measurement is done with 20°C air - free water, without impurities.
- 4.- The Operation of pumps shall refer to the performance region indicated by the thickened curve to prevent overheating due to too small flow rate or overload of motor due to too large flow rate.
- 5.- If the thickness and density of the pumped liquid is different from water, the motor power should be adjusted.

General Data

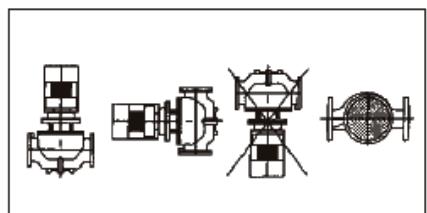


● Performance Scope

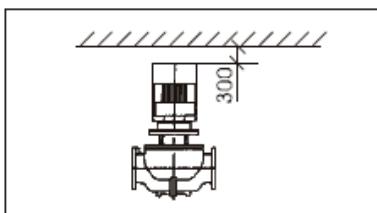


● Instalation Requirement

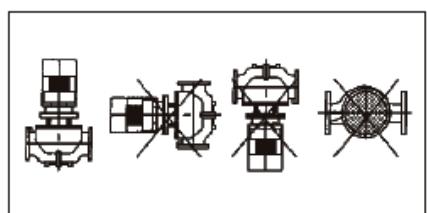
For power $\leq 2.2\text{ kW}$



For power $< 5.5\text{ kW}$



For power $> 2.2\text{ kW}$



For power $\geq 5.5\text{ kW}$

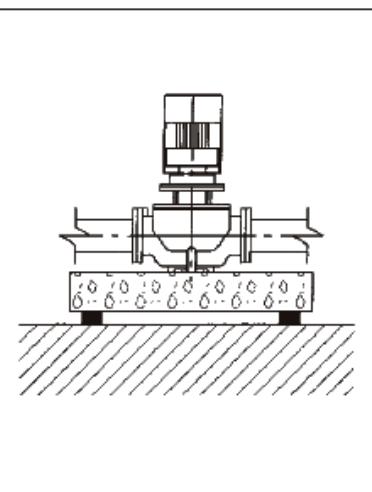
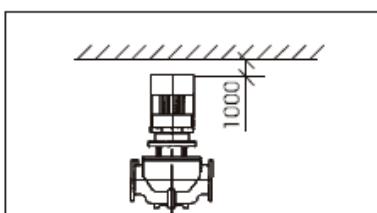


Figure 2-A

Figure 2-B

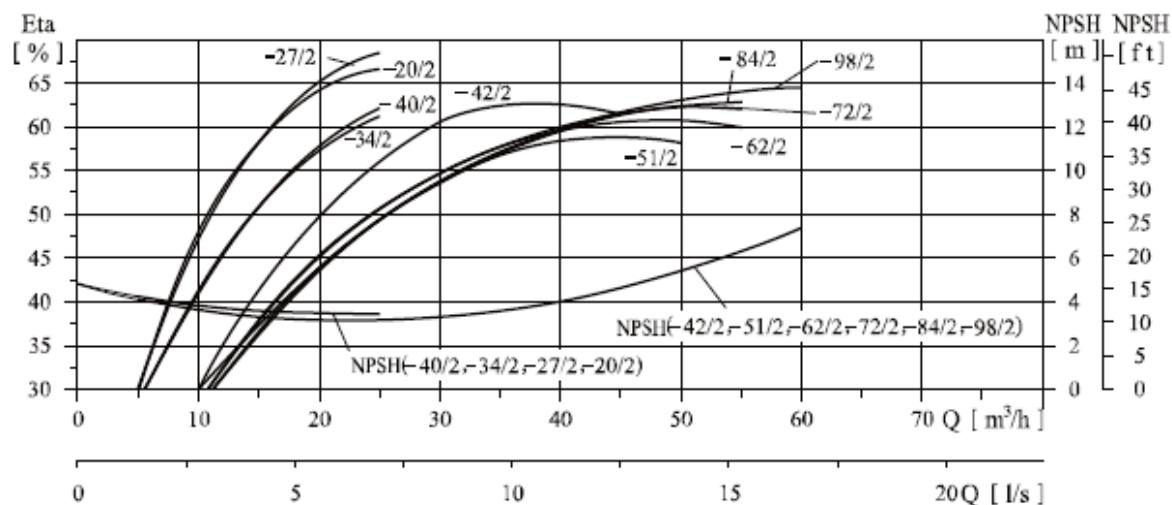
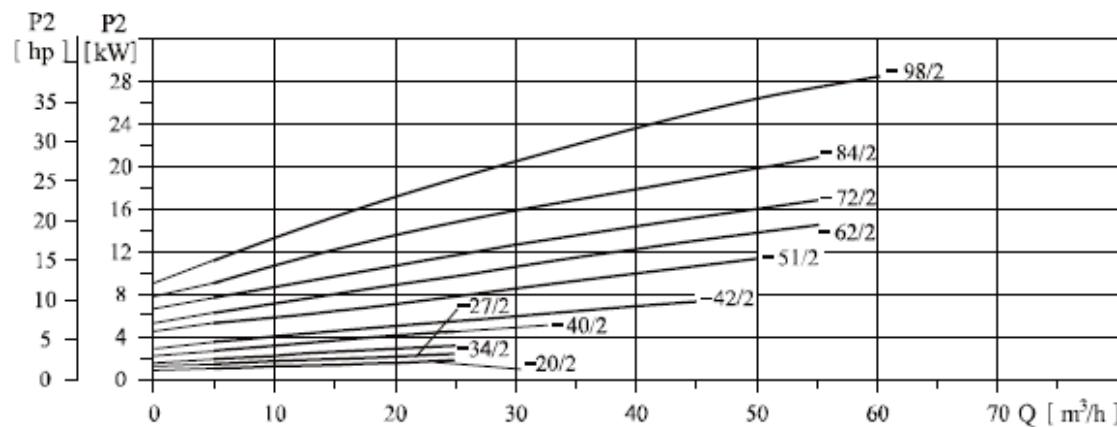
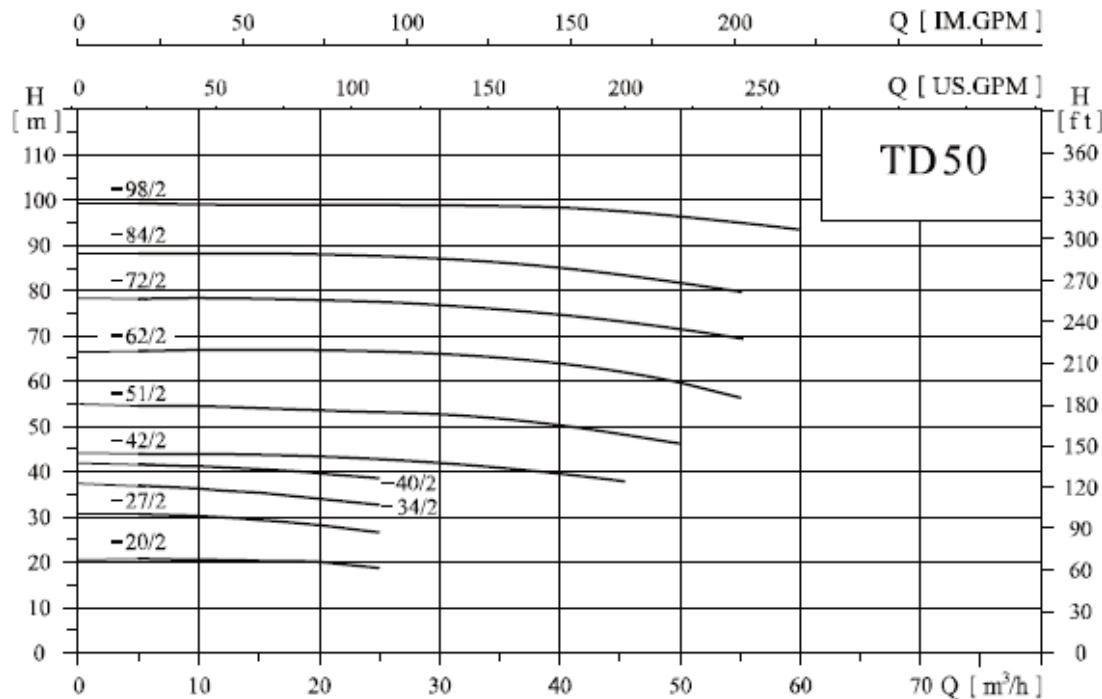
Figure 2-C

General Data



● Performance curve

ISO9906 Annex A



General Data

USR [®]
PUMPS

● Performance Curve

ISO9906 Annex A

