

RECIPROCATING PUMP TEST RIG

MODEL: PCF02



FEATURES

- Compact, comprehensive, sturdy design
- Study of reciprocating pump

DESCRIPTION

An invaluable aid in the effective understanding of the performance characteristics of a variety of reciprocating pumps. An electric motor is used as a drive unit. Optionally, it has a facility to vary the speed of the motor to get various performance parameters for better understanding. The unit has a facility to measure the power consumed.

INSTRUCTION MANUAL

Self-explanatory operating manuals are provided with each system. Detailed theory as well as practical exercises is also included in the manual

LIST OF EXPERIMENT

1. To study the construction and operation of a pump.
2. Determination of total head
3. Determination of power input and efficiency of a pump.
4. To study the performance characteristics of pump.

COMPONENTS

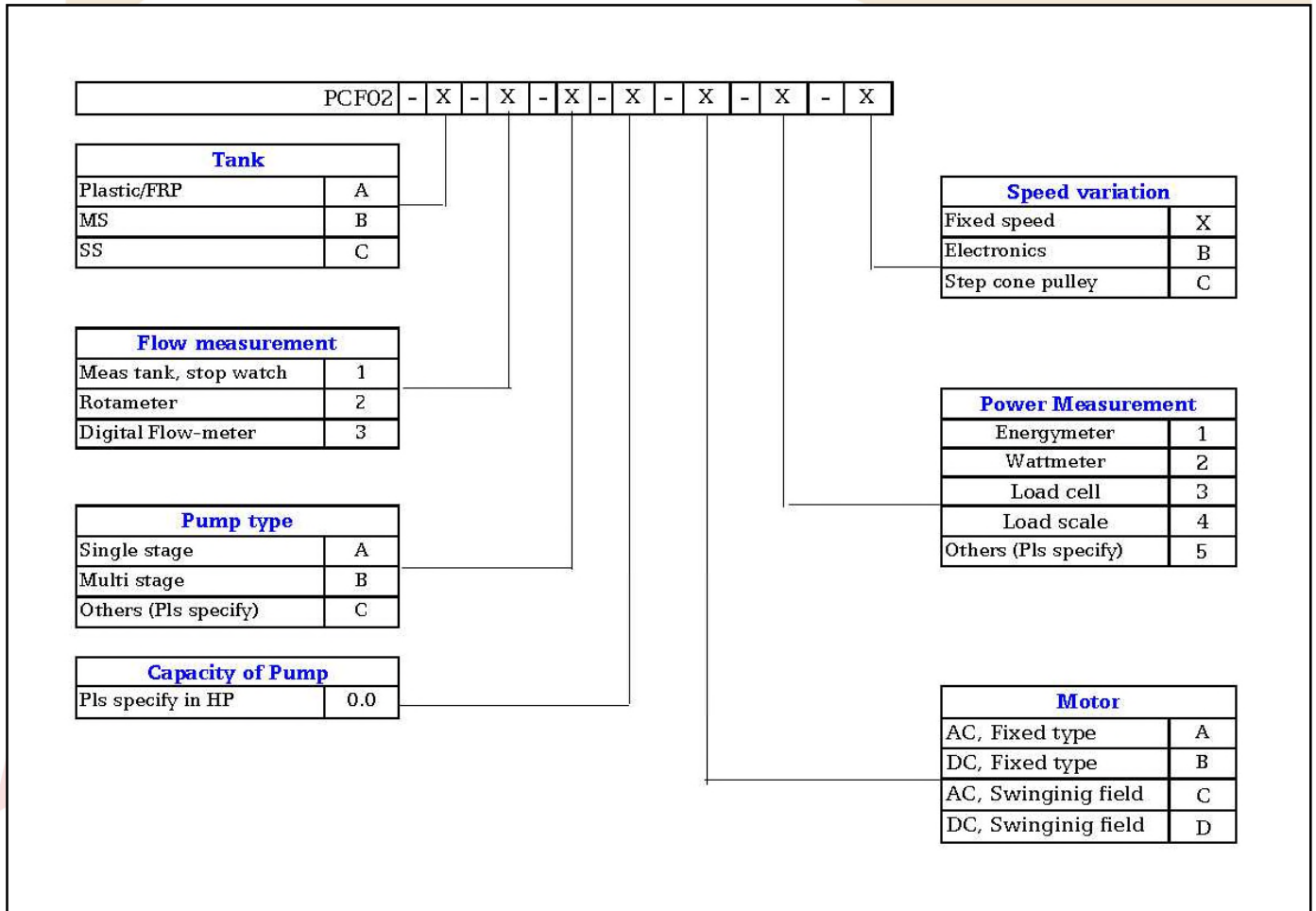
1. Reciprocating Pump
2. Pressure gauges
3. Flow measurement unit
4. Electric Motor
5. Sump tank
6. Input Power measuring arrangement

Note: Details of attachments can be made available on request.

SERVICES REQUIRED

1. Water supply and drainage arrangement
2. Electric supply

MODEL SELECTION CHART



- (1) Since research and development is an on-going activity, the specifications mentioned herein are subject to change without notice
- (2) Photographs are indicative only.

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