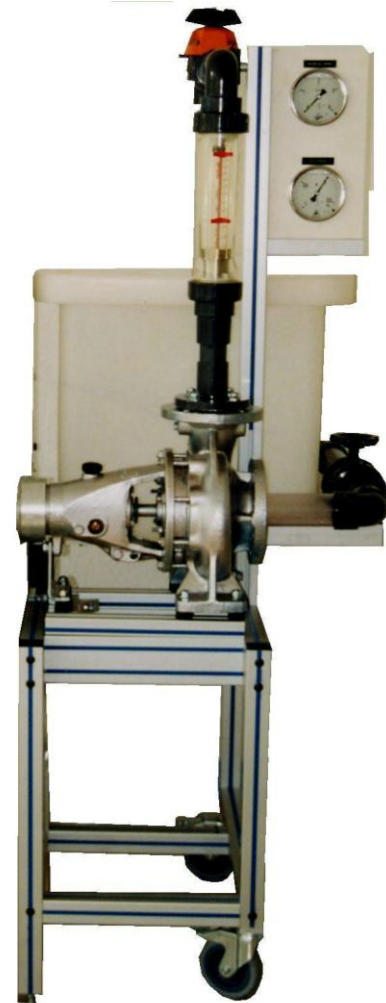


Centrifugal pump

DESCRIPTION

- This unit is designed for connection to the rotary machines unit – power module TMT 700.
- The equipment is designed and manufactured to industrial standards.
- A quick coupling system and the alignment of the axles makes it easy to connect this equipment to the TMT 700



SUGGESTED APPLICATIONS

- ⇒ Operation of the open-wheel centrifugal pump
- ⇒ Collecting data to determine the performance curves relating:
 - pressure to flow rate of the pump
 - pressure to flow rate of the network
 - power to flow rate
 - efficiency to flow rate
- ⇒ Determination of the optimum operating point
- ⇒ Study of the influence of the speed of rotation
- ⇒ Determination of the NPSH

TECHNICAL SPECIFICATIONS

Centrifugal pump

- Cast iron open wheel Ø 160
- Cast iron barrel
- Maximum head : 36 m
- Maximum flow rate : 30 m³/h

Equipment

- Supply tank for operation in a closed circuit
- Measurement of pump section and delivery pressures with a Bourdon type pressure gauge
- Variable area flow measurement
- Pump suction and delivery control valve