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**Product Name :**  
Comparison Of Pumps

**Product Code :**  
LBNY-0005-103000187



#### **Description :**

Comparison of various pump types: centrifugal pump, piston pump, side-channel pump  
Experiments relating to key issues in pump engineering  
Three-phase AC motors for centrifugal pumps and additional motor with Variable speed by frequency converter  
Free position for additional pump  
Operation of centrifugal pumps in parallel or series configuration.

#### **Technical Specification :**

##### **Technical Data:**

Centrifugal pump 2x  
Max. head (H): 16,9m  
Max. flow rate (Q): 300L/min  
Nominal speed: 2900min<sup>-1</sup>  
Power output: 1,1kW  
Three-phase AC motor 2x, for centrifugal pump  
Side-channel pump, self-priming, one-stage  
Nominal speed: 1450min<sup>-1</sup>  
Q: 83,3L/min, H: 50m  
Three-phase AC motor for side-channel pump  
Power output: 1,1kW  
Piston pump  
Nominal speed: 405min<sup>-1</sup>  
Q: 17L/min, H: 60m

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Three-phase AC motor for piston pump  
Power output: 0,55kW  
Three-phase AC motor, additional motor, reversible  
Speed range: 750...3000min-1  
Power output: 0,75kW.



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