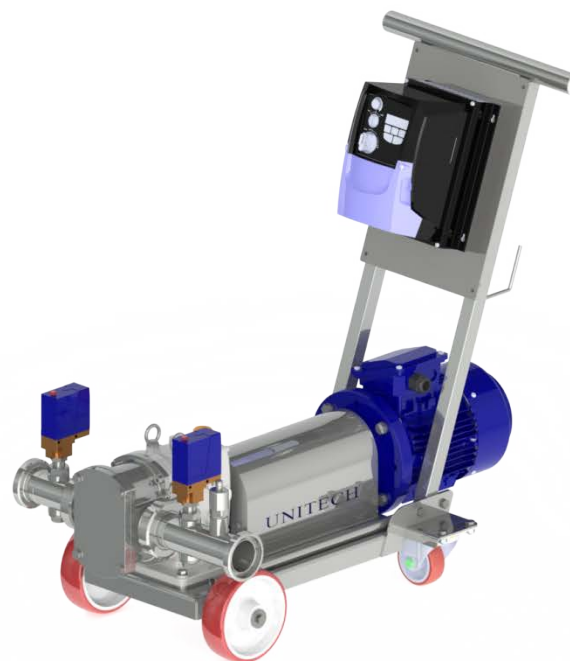


Unitech Lobe Pumps Series 800

Models APLB810

APPLICATION:

Transport of foaming and delicate fluids with a wide range of contents and viscosities. Inlet/ Outlet rotation possibility. They are equipped with a safety device against overloading the outlet pressure. The pumps of this series have stainless steel casing details and rubberized rotors.



STANDARD EQUIPMENT:

Pump with own geared body connected to the standard drive.
 Pump unit place on stainless steel trolley
 Steel materials in contact with product AISI 316
 Three Lobes EPDM/ Stainless steel
 Stainless steel control cabinet including Inverter
 Flow reverse
 Two pieces safety anti over load pressure switches for each direction
 Standard Inlet / Outlet: male union joints DIN 11851
 Power supply 3ph 400V 50Hz

OPTIONS:

Shut off valve with electro- actuator
 Anti-dry running protection
 Motor Servo- ventilation
***RC - Remote control (Full control)**
 Connection: Garolla, SMS, Macon, Clamp, etc.
***Other Options on Request**

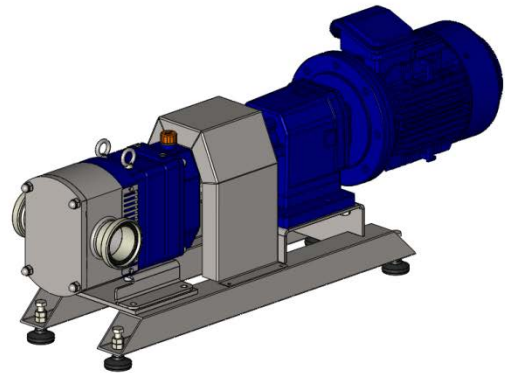
| Technical Parameters | | | | | | | |
|----------------------|------------------------|------------------|----------------|-----|-----------------------------|-------------|--------|
| Model | Capacity | Nominal Pressure | Electric Motor | | Connection | Temperature | Weight |
| | | | kW | RPM | | | |
| APLB811 | 5.0 m ³ /h | 4.0 bar | 1.50 | 460 | male union joints DIN 11851 | +2 ÷ +85°C | 110 kg |
| APLB812 | 15.0 m ³ /h | | 4.00 | 520 | | | 180 kg |
| APLB813 | 35.0 m ³ /h | | 7.50 | 530 | | | 250 kg |

Unitech Lobe Pumps Series 800

Models APLB810R

APPLICATION:

Transport of foaming and delicate fluids with a wide range of contents and viscosities. Inlet/Outlet rotation possibility. They are equipped with a safety device against overloading the outlet pressure. The pumps of this series have stainless steel casing details and rubberized rotors.



STANDARD EQUIPMENT:

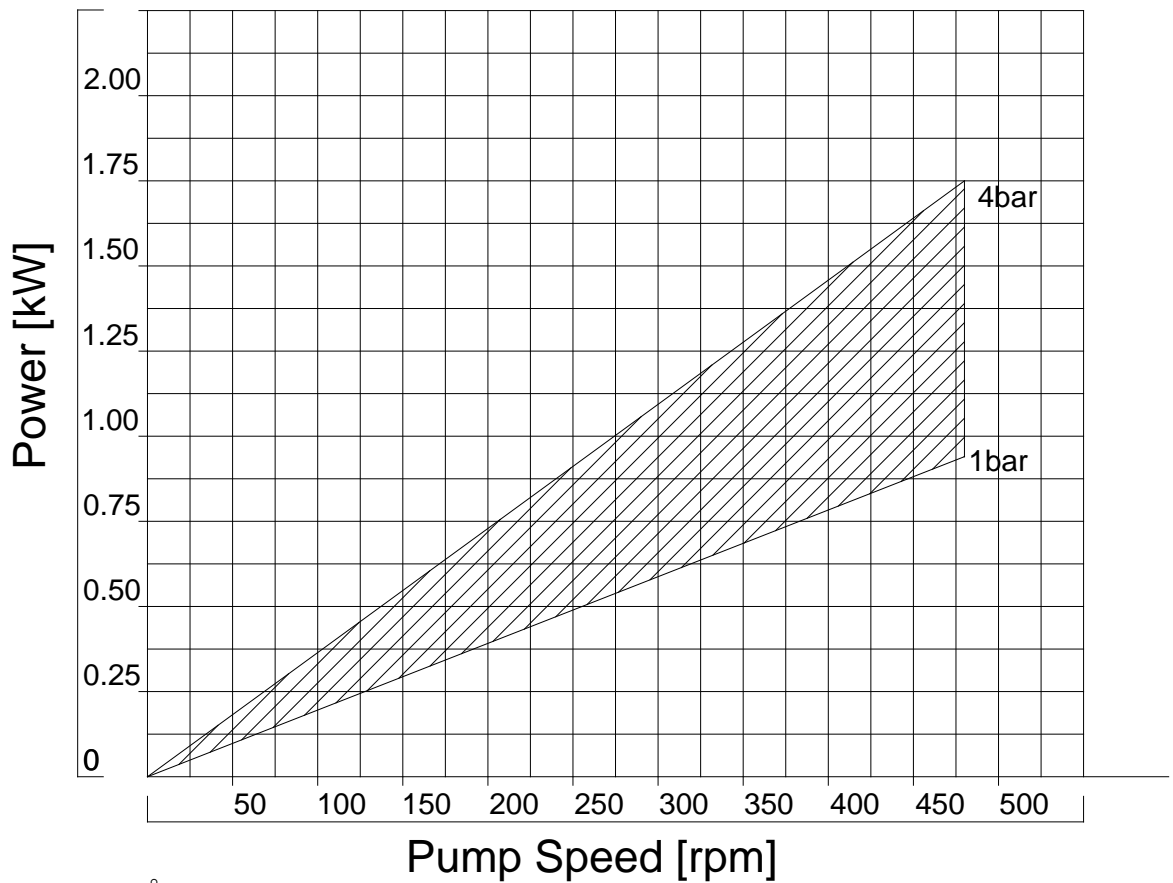
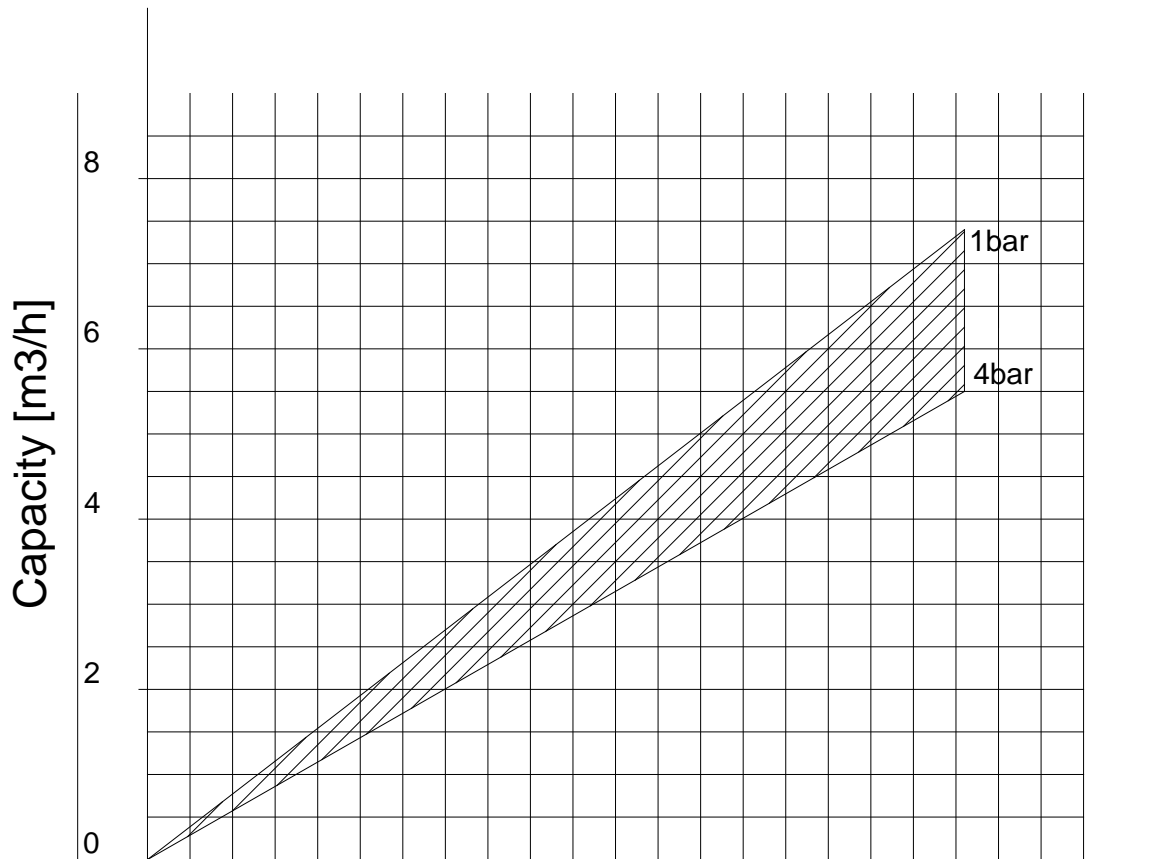
Pump with own geared body connected to the standard drive.
 Pump is placed on stainless steel frame
 Steel materials in contact with product AISI 316
 Three Lobes EPDM/ Stainless steel
 Flow reverse
 Standard Inlet / Outlet: male union joints DIN 11851
 Power supply 3ph 400V 50Hz

OPTIONS:

Shut off valve with electro- actuator
 Anti-dry running protection
 Motor Servo- ventilation
***RC - Remote control (Full control)**
 Connection: Garolla, SMS, Macon, Clamp, etc.
***Other Options on Request**

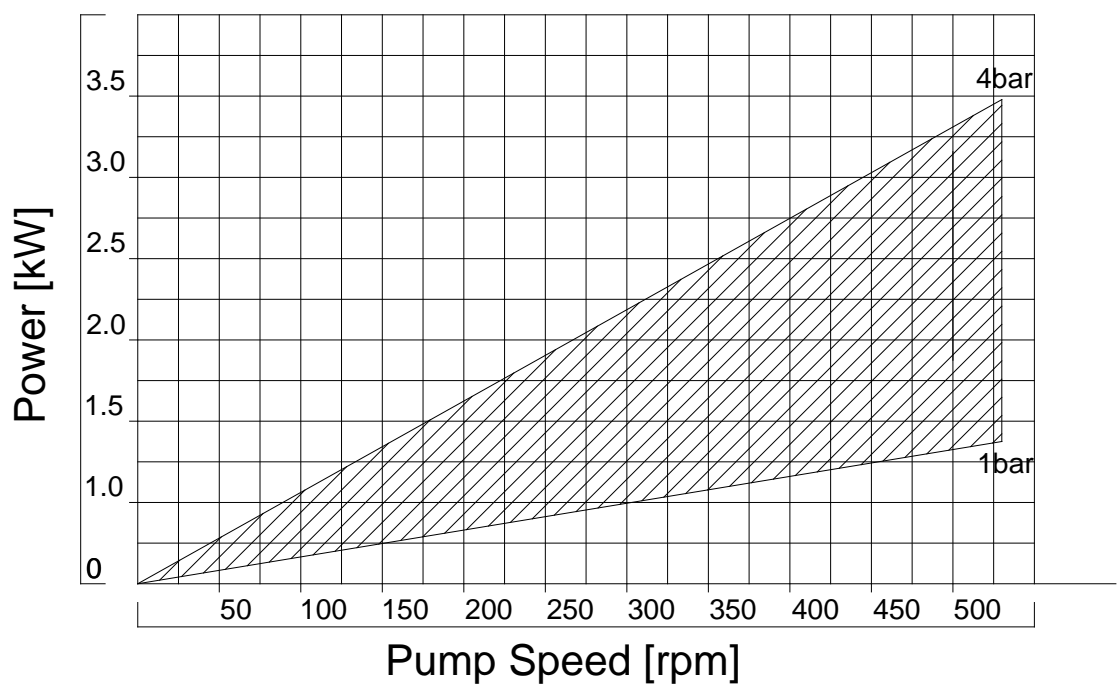
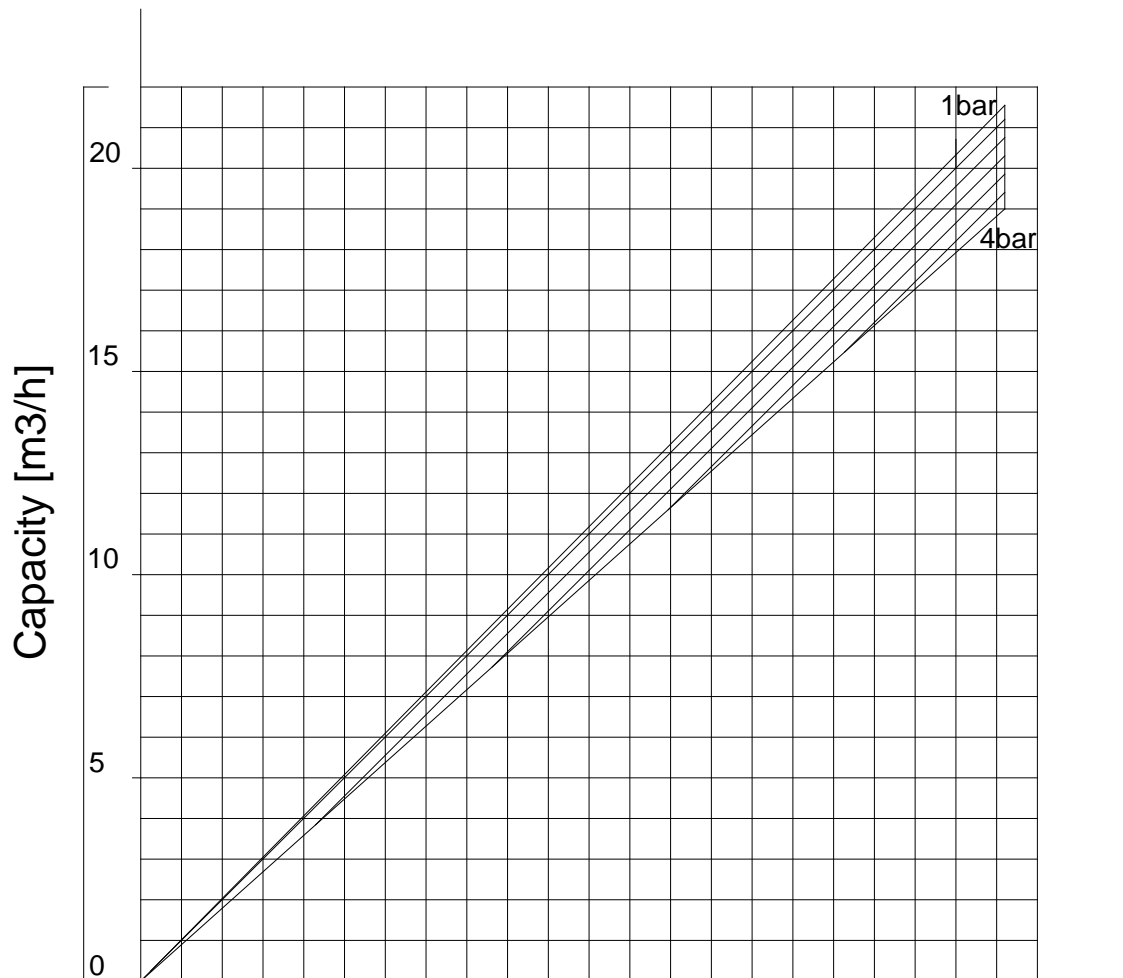
| Technical Parameters | | | | | | | |
|----------------------|------------------------|------------------|----------------|-----|-----------------------------|-------------|--------|
| Model | Capacity | Nominal Pressure | Electric Motor | | Connection | Temperature | Weight |
| | | | kW | RPM | | | |
| APLB811R | 5.0 m ³ /h | 4.0 bar | 1.50 | 460 | male union joints DIN 11851 | +2 ÷ +85°C | 110 kg |
| APLB812R | 15.0 m ³ /h | | 4.00 | 520 | | | 180 kg |
| APLB813R | 35.0 m ³ /h | | 7.50 | 530 | | | 250 kg |

Characteristic Curves of the Unitech Lobe Pumps Series 800
Model APLB811



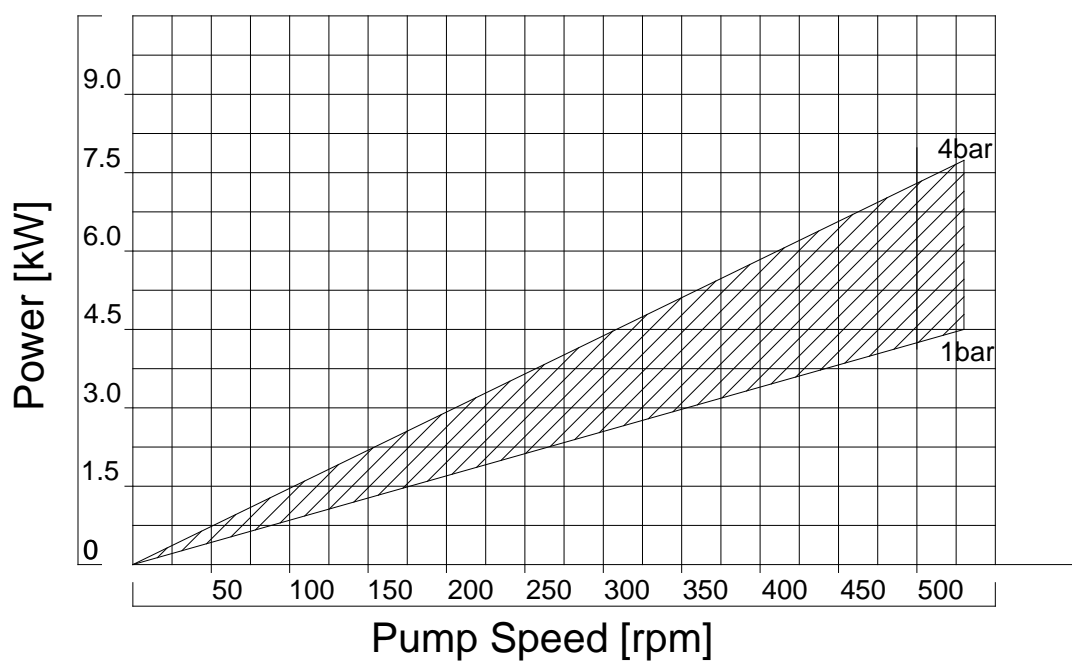
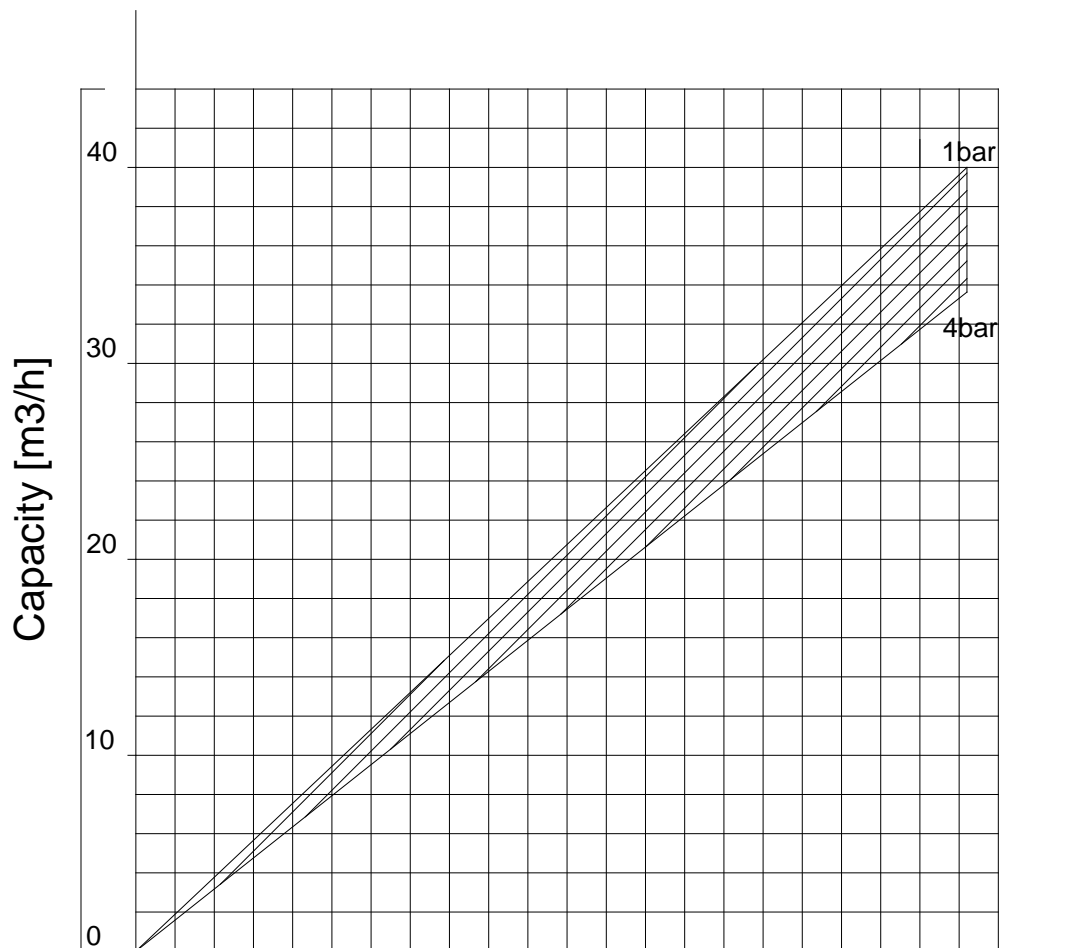
*with fluid – water at temperature 20 °C.
*with pipes equal with pump's connections.

Characteristic Curves of the Unitech Lobe Pumps Series 800
Model APLB812



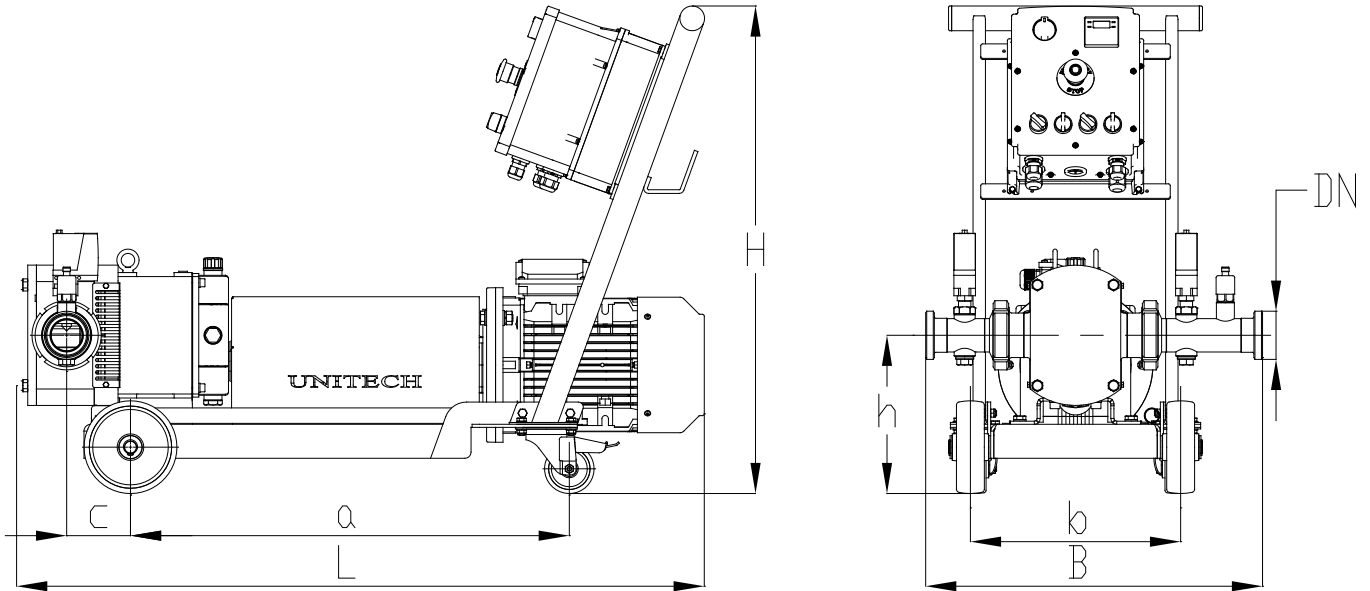
*with fluid – water at temperature 20 °C.
*with pipes equal with pump's connections.

Characteristic Curves of the Unitech Lobe Pumps Series 800
Model APLB813



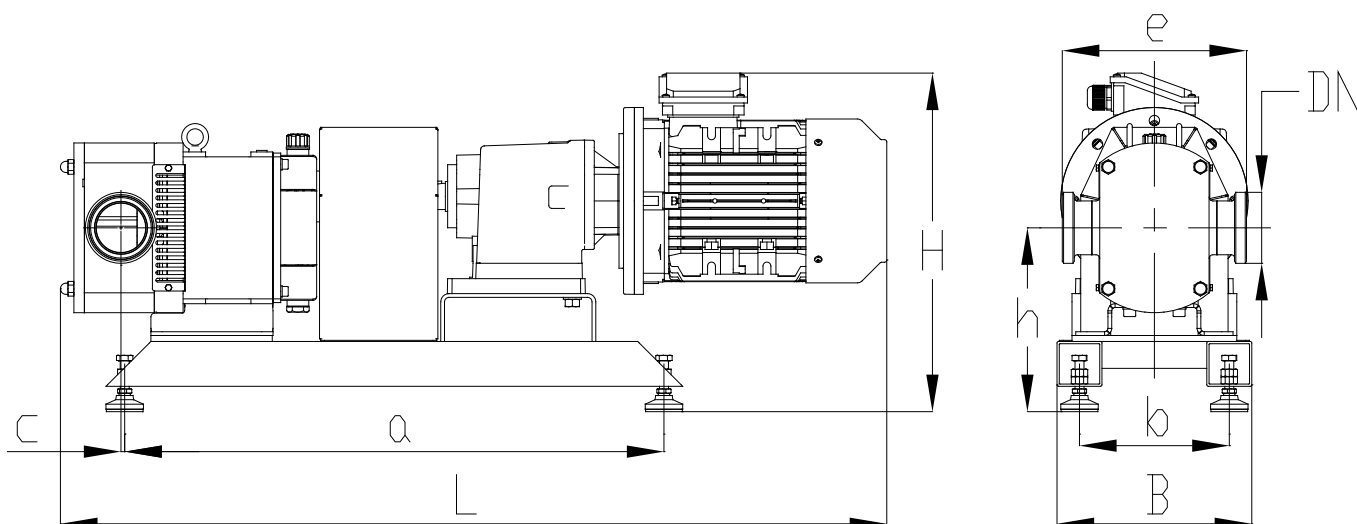
*with fluid – water at temperature 20 °C.
*with pipes equal with pump's connections.

Dimensions of the Unitech Lobe Pumps Series 800
Model APLB810



| Type | Dimensions, mm | | | | | | | | |
|---------|----------------|------|-----|-----|-----|-----|-----|-----|-----|
| | DN | L | B | H | h | c | e | a | b |
| APLB811 | 50 | 840 | 470 | 795 | 224 | 105 | 170 | 430 | 350 |
| APLB812 | 65 | 1110 | 545 | 790 | 256 | 100 | 245 | 710 | 340 |
| APLB813 | 80 | 1300 | 600 | 790 | 330 | 120 | 320 | 720 | 420 |

Dimensions of the Unitech Lobe Pumps Series 800 Model APLB810R



| Type | Dimensions, mm | | | | | | | | |
|----------|----------------|------|-----|-----|-----|----|-----|-----|-----|
| | DN | L | B | H | h | c | e | a | b |
| APLB811R | 50 | 845 | 205 | 375 | 195 | 85 | 202 | 510 | 150 |
| APLB812R | 65 | 1100 | 260 | 455 | 245 | 5 | 245 | 720 | 200 |
| APLB813R | 80 | 1300 | 330 | 450 | 305 | 33 | 312 | 720 | 270 |

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