



AST-XMI & XMIII Centrifugal Pump



Design

Pump casing and shaft of acid-resistant steel 1.4404 (316L). Impeller of Studbolts and nuts for pump casing of stainless steel 1.4301 (304). Seals are made of EPDM.

Applications

The XM centrifugal pump is specially designed for food, chemical, pharmaceutical and other industries where acid resistant steel is resistant to the products to be pumped.

Shaft Seals

Mechanical Single Seal with stationary seal ring of acid-resistant steel AISI 329 with sealing surface of silicon carbide, and with rotating seal ring of carbon.

Features

The Pump is equipped with externally mounted mechanically seal and all fluid contact parts are as per FDA guidelines.

TECHNICAL DATA

Max. inlet pressure: 400 kPa (4 bar).
Temperature range: -10°C to +140°C
(EPDM).
Impeller diameter: 115 mm.

Motor

Standard foot-flanged motor acc. to IEC metric standard, 2 pol = 3000 rpm. at 50 Hz, IP55 (with drain holes with labyrinth plug), insulation class F.

Motor sizes

50 Hz: 0.55 KW /1.2 KW

Voltage and frequency

3 ~, 50 Hz, 220-240V Δ/380-420VY

Options

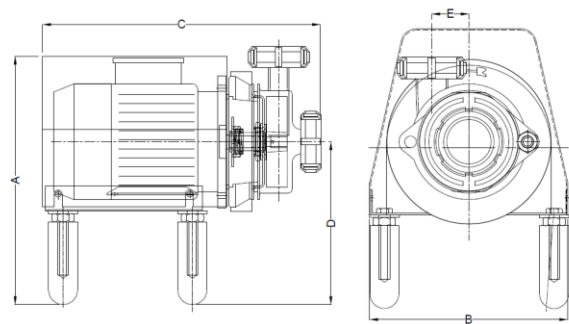
- A. Impeller with reduced diameter.
- B. Fitted on stainless steel legs (3 legs).
- C. Shroud and adjustable legs (4 legs).
- D. Other voltage, frequency or flameproof motor.
- E. Inlet and outlet with flanges.
- F. Counter flanges, collers and seal rings for flanged connections.
- G. Product wetted seals of EPDM, Fluorinated rubber (FPM) or PTFE.
- H. Rotating seal ring of Silicon Carbide.

Ordering Data

Please state the following when ordering:

- Pump type.
- Connections.
- Voltage and frequency.
- Flow rate, pressure and temperature.
- Density and viscosity of product.
- Options.

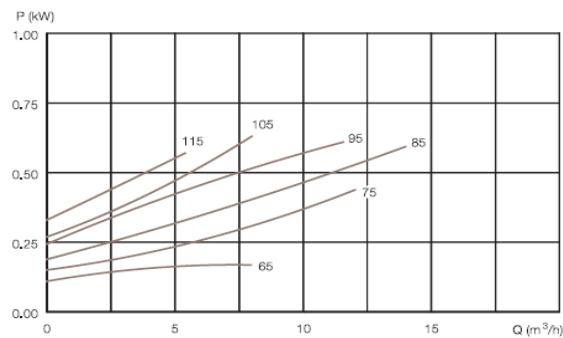
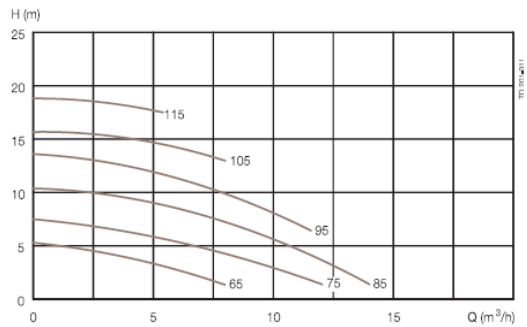
Dimensions (mm)



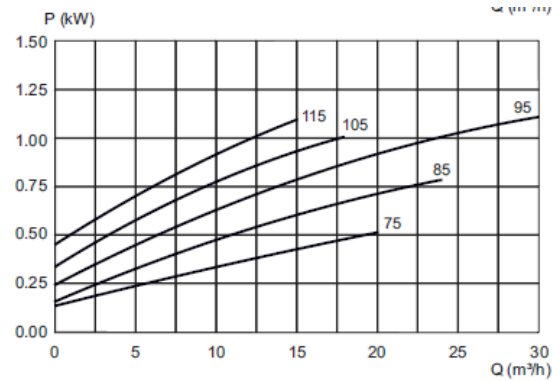
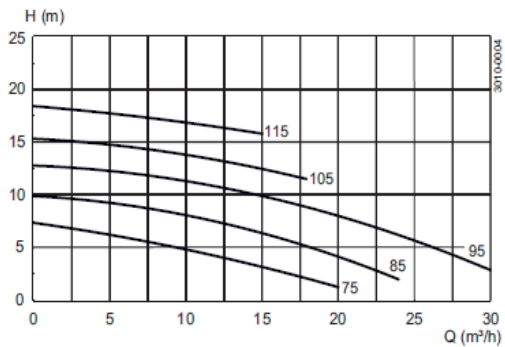
		AST- XMI	AST- XMIII
Motor kW/HP		0.55 / 0.75	1.2 / 1.5
A	max	345	370
A	min	325	350
B		220	250
C		370	410
D		185	200
E		49	45
Weight (kg)		21.5kg	29kg
Suction/Discharge		38 mm / 38 mm	51 mm / 51 mm

Flow chart

XMI-0.75HP



XMIII-1.5HP



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