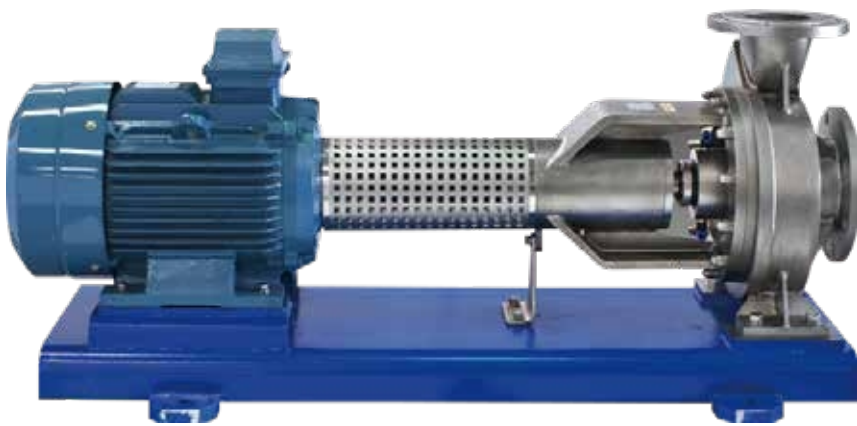


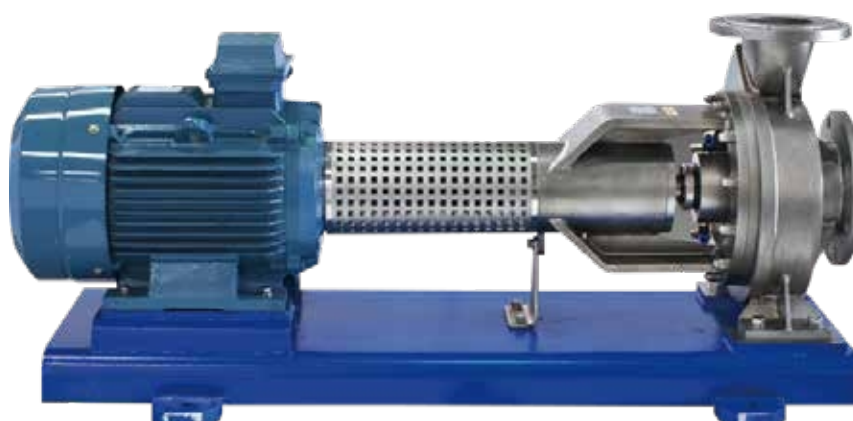


High Flow Pump

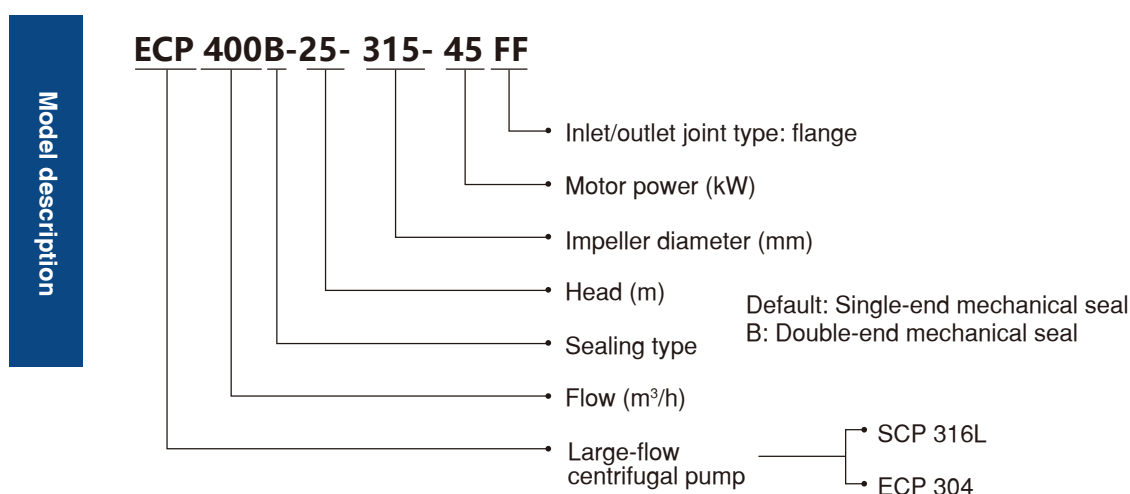
E series



E SERIES HIGH FLOW PUMP



It is used for the pretreatment of alcoholic saccharified fermentation broth, wort, and fruit juice / pulp of food and beverage, which contains solid particles and low-viscosity weak corrosive materials, and has certain sanitary pumping requirements. It can also be used for general industrial water or drinking water treatment.



Main technical parameter

Structural features

- The series ECp large-flow pump is a single-stage end-suction centrifugal pump. The whole machine is composed of four parts: pump, coupling, motor, and bottom frame. The pump and motor are connected by extended coupling, The casing adopts welding structure to ensure that it is used under certain sanitary conditions.
- The impeller adopts a closed type, and the hydraulic modeling adopts optimized CFD design. The flow passing of low-viscosity particulate materials is improved while ensuring high efficient hydraulic performance. The casing and flow-passing components are made of high-quality stainless steel 304 (option: stainless steel 316L).
- Motor, coupling, and bearing adopt imported brands. The flow-passing components are polished, while the external surface is sandblasted. The whole machine features beautiful shape, stable operation, reliable performance; you do not need to move the casing or motor when dismantling, inspecting, repairing, and replacing wearing parts such as mechanical seal.

E Series Direct-Connected High- Flow Pump

ECP direct-connected large-flow pump adopts direct connection between motor and pump shaft, and the installation adopts simple load-bearing bracket, which has simple structure, small volume and light weight, convenient installation and movement, high efficiency and excellent energy saving.

Motor	IEC metric standard
Stage number	2、4、6
Flow	900m ³ /h (Max)
Head	70m (Max)
Max.inlet pressure	0.1MPa
Working temperature	-10°C~+140°C(EPDM)
Noise level (at 1m)	60~80dB(A)



Main technical parameters

Machinery seal

- Single- or double-end mechanical seal available for ECP high-flow pumps, while single-end seal only provided for direct-connected high-flow pumps.
- Sealing ring material is graphite / silicon carbide, while silicon carbide/silicon carbide (SiC / SiC), cemented carbide/cemented carbide (TC/TC) are also available per the actual working conditions and requirements.
- When the double-end mechanical seal is adopted, the maximum pressure of cooling water is 0.3 MPa.
- O-ring material: EPDM, fluorine rubber (FPM), silicone rubber (SILI), or covered sealing rings according to needs.

Your local distributor details:



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