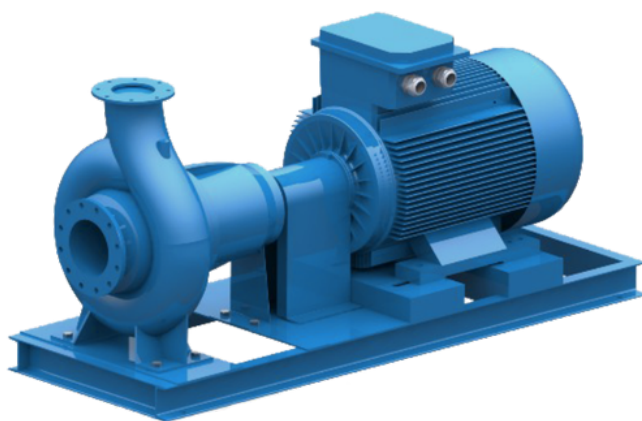




EL, EL4, EL6

Horizontal, End-Suction
Centrifugal Pumps





EBITT was born from “an idea” and turned into “an ideal”

EBITT is a specialized organization with deep expertise in pump and fluid technologies, capable of accurately interpreting both Turkish and global market demands and translating them into the right solutions.

Founded to be the ideal intersection of supply and demand in fluid technologies, EBITT goes beyond developing and marketing products. It represents a holistic business model built to meet expectations at the highest level.

More than a company, EBITT is a perspective, a system, and a spirit. Its foundation is human capital and accumulated expertise, transferred sustainably like a relay race rather than treated as a traditional capital asset.

For EBITT, innovation is not limited to technological advancement. It is a creative, value-driven approach that prioritizes responsibility, customer expectations, business efficiency, and uncompromising standards for health and safety. Every innovation emerges from this integrated understanding.

Quality, for EBITT, is a non-negotiable standard in all areas involving water and fluids—throughout life. Together with its suppliers, customers, and team members who share this philosophy, EBITT builds long-term, sustainable win-win relationships.

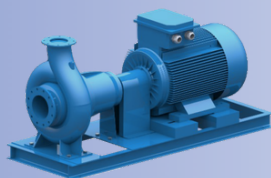
With this mindset, EBITT offers a wide range of products and systems, from basic solutions to process-specific equipment, serving residential, industrial, agricultural, irrigation, pool, treatment, and specialized applications. Beyond standard products, EBITT also delivers tailor-made solutions that maximize added value.

EBITT believes the ideal solution is not always the most expensive one, but the most rational—optimizing needs in the most efficient way.

Positioning itself as a trusted solution provider, EBITT stands out with its values, flexibility, and dynamic structure, ready to respond to evolving demands.

EL, EL4, EL6

HORIZONTAL, END-SUCTION
CENTRIFUGAL PUMPS



EL, EL4, EL6

Single-stage end-suction centrifugal pumps, with bearing bracket. Nominal duty points and main dimensions in accordance with EN 733. Back Pull-Out construction, for simple and quick dismantling and reassembly.

Construction

Rated speed of rotation (50 Hz):

EL = 2900 rpm

EL4 = 1450 rpm

Connections: PN 16 flanges EN 1092-2.

Max. working pressure 10 (16) bar

Shaft sealing

- Standardized mechanical seal in accordance with ISO 3069.
- Stuffing box seal or different mechanical seals (on request).

Materials

Pump casing	GG 25 (Optional GGG 40 / AISI 304 / AISI 316 / Bronze)
Lantern bracket	
Impeller	
Pump shaft	AISI 420 (Optional AISI 304 / AISI 316)
Mechanical seal	Silicon Carbide / Carbon Graphite*
Baseplate	DIN 17100 - St 37, epoxy coated
Coupling guard	EN 294 / DIN 31001, epoxy coated

* Different mechanical seals are available upon request.

Applications

- For clean liquids, without abrasives, which are non-aggressive for the pump materials (contents of solids up to 0.2%).
- For water supply.
- For heating, air conditioning, cooling and circulation plants.
- For civil and industrial applications and for agriculture.
- For fire fighting applications.
- For irrigation.

Pump-Motor unit

EL, EL4 pump connected to a standard electric motor in B3 construction form (IEC 72), IP 54 protection, three-phase 400 V, 50 Hz by means of a baseplate, driven by a flexible coupling and with coupling protection.

Operating Conditions

- Liquid temperature from -10°C to +120°C. (standard mechanical seal)
- Ambient temperature up to 40°C.
- Total suction lift up to 7 m.
- Maximum permissible working pressure up to 10/16 bar.

Special Features On Request

- Extra support foot for bearing housing.
- Special mechanical seal.
- Different construction materials for specific applications.
- Higher or lower liquid or ambient temperatures.
- Other motor protection.
- Explosion proof motor.
- Motor for other voltage.
- Frequency 60 Hz (as per 60 Hz data sheet).



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