

Etaline DL Twin Pump with PumpDrive 2 Eco

Two separate single-stage close-coupled pumps in one pump casing, in in-line design, with a change-over flap fitted in the discharge nozzle, for single-pump and parallel operation. With common motor/pump shaft, with uncooled KSB mechanical seal. Surface-cooled KSB three-phase / single-phase AC motor. Energy efficiency class IE2 to IEC 60034-30 (from 0.75 kW)

The Etaline DL type series complies with ErP Directive 2009/125/EC and meets the ecodesign requirements established in 2015 for water pumps with a maximum shaft power of 150 kW as per EU Regulation 547/2012; the MEI values (min. ≥ 0.4) are documented on the name plate and in the data sheet.

PumpDrive 2 Eco Frequency Inverter

Self-cooling frequency inverter, mounted directly on the motor. Controlled by integrated PI controller. Controlled variables are pressure, differential pressure delta-p, flow rate and temperature. Display and setting of all operating parameters via a control unit with graphical display. Setpoint adjustment or control via external standard signal or digital motor potentiometer function.

Protective function for drive and pump.

Pump and drive parameters pre-set at the factory.

Mounting options:

Motor-mounted, wall-mounted, cabinet-mounted

Design:

- Mains voltage 3x380 V AC -15 % to 480 V AC +10 %
- Internal power supply unit 24 V DC +10 %, max. 600 mA
- Rel. atmospheric humidity max. 85 %, non-condensing
- Service interface: optical
- Analog input: 2x 0/2 - 10 V or 0/4 - 20 mA
- Analog output: 1x 4 - 20 mA
- Digital input:
- 1x hardware enable input
- 3x, parameterisable
- Relay output:
- 1x NO contact, parameterisable

Operating data

Fluid handled	:
Flow rate	:
Head	:
Fluid temperature	:
Permissible fluid temperature min./max.	: -10 to 120 °C
Maximum operating pressure	: 10 bar
Max. ambient temperature	: 40 °C

Motor/electronics

MEI value	:
Motor rating	:
Max. rated current	:
Speed	:
Power supply	:
Motor size	:
Energy efficiency class	:
Enclosure	:
Motor make	:

Materials

Pump casing :
Impeller :
Pump shaft : stainless steel 1.4571
Casing cover comprising:
Cap : plastic PA66
Drive lantern : aluminium AC-46500

Mechanical seal : Code 11 - carbon/silicon carbide BQ1EGG

Connection dimensions

Pipe connection :
Overall length :

Purchase order information

Approx. net weight :
Make : KSB
Type : Etaline DL PumpDrive 2 Eco
Material price group : AI

Item No. :

Typical Tender Etaline DL PumpDrive 2 Eco

1515.522/02-EN

Subject to technical modification without prior notice.