- ✓ LOW-NOISE OPERATION
 - ✓ LOW ENERGY CONSUMPTION
- ✓ RELIABILITY
 - EASY HANDLING

PLICATION

eVAL3 pumps are designed for pumping clean water in domestic heating systems and industrial heating systems. Pumped liquids: non-aggressive, non-explosive liquids with low kinematic viscosity up to 10cSt, free of solids and fibres; cooling liquids, without mineral oils.

High-efficiency circulator pumps eVAL3 are ideal for installations with variable flow rate (e.g. heating installations with radiators controlled by a thermostats) and in installations characterized by low flows and significant temperature differences of the pumped liquid (solar installations).

- V One button control
 - V One pump with two flow (Q) and height (H) ranges − 25/4 and 25/6
 - V Easy and timesaving installation thanks to SMART PLUG
 - V One of the lowest circulators (in motor axis)
 - **V** 3 control modes with 10 curves



RANGE OF USE

| Flow | up to 3,7 m ³ /h |
|--------------------|-----------------------------|
| Head | up to 7 m |
| System pressure | 1,0 MPa |
| Liquid temperature | +2 up to 110°C |

DESIGNATION KEY

Maximum head Port-to-port length [mm]

eVAL3 32 / 4-7 / 180

Pump typ

Nominal diameter [mm]

CONSTRUCTION FEATURES

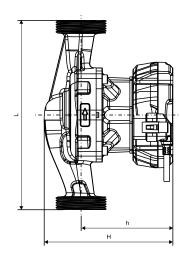
Hydraulic part:

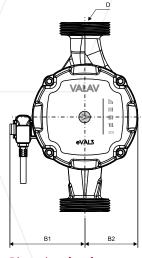
- v glandless pump,
- v cast iron pump body with cataphoretic coating,
- v closed impeller, composite impeller,
- v threaded connections.

DIMENSIONS

Motor:

- wet motor rotor,
- **V** synchronous motor with permanent magnet,
- v stepless self-regulation of rotational speed,
- v ceramic shaft and bearings,
- V double-insulated motor winding,
- v chromium-nickel steel stator.





Dimensions [mm]

| Pump type | L \ | Н | h | B1 | B2 | D | Weight [kg] |
|------------------|-----|-----|----|----|----|-------|-------------|
| eVAL3 15/4-7/130 | 130 | 124 | 95 | 71 | 50 | 1" | 1,4 |
| eVAL3 20/4-7/130 | 130 | 124 | 95 | 71 | 50 | 11/4" | 1,5 |
| eVAL3 25/4-7/130 | 130 | 124 | 95 | 71 | 50 | 11/2" | 1,5 |
| eVAL3 25/4-7/180 | 180 | 122 | 87 | 71 | 50 | 11/2" | 1,7 |
| eVAL3 32/4-7/180 | 180 | 133 | 98 | 71 | 50 | 2" | 1,9 |

ELECTRICAL DATA

| | | | P ₁ [W] I[A] | | P ₁ [W] I[/ | | Insulation | Enclosure | |
|-----------|-------------------|------|-------------------------|-----|------------------------|------|------------|-----------|--|
| Pump type | Rated voltage [V] | EEI | min | max | min | max | class | class | |
| eVAL3// | 1~230-240 | 0,19 | 4 | 45 | 0,04 | 0,21 | Н | IP 44 | |

PUMP PERFORMANCE



proportional pressure curves ||| ---- constant pressure curves ||

constant speed curves ||| -

