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

# PLICATION

eVAL2 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 eVAL2 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 Ready-to-use power cable
      - V One of the lowest/circulators (in motor axis)
        - **V** 3 control modes with 10 curves



# **RANGE OF USE**

Flow	up to 3,7 ㎡/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]

eVAL2 25 / 4-7 / 180

Pump typ

Nominal diameter [mm]

# **CONSTRUCTION FEATURES**

## **Hydraulic part:**

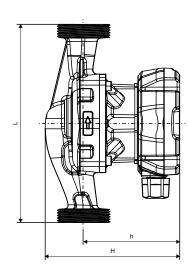
- v glandless pump,
- v cast iron pump body with cataphoretic coating,
- v closed impeller, composite impeller,
- v threaded connections.

# **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.



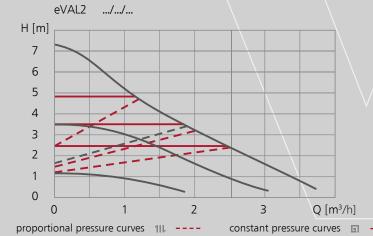
### Dimensions [mm]

Pump type	L	Н	h	B1	B2	D	Weight [kg]
eVAL2 15/4-7/130	130	124	95	50	50	1″	1,6
eVAL2 20/4-7/130	130	124	95	50	50	11/4"	1,7
eVAL2 25/4-7/130	130	124	95	50	50	11/2"	1,8
eVAL2 25/4-7/180	180	124	88	50	50	11/2"	1,9
eVAL2 32/4-7/180	180	133	98	50	50	2"	2,2

# **ELECTRICAL DATA**

			P <sub>1</sub> [W] I [A]		A]	Insulation	Enclosure		
Pump type	Rated voltage [V]	EEI	min	max	min	max	class	class	
eVAL2//	1~230-240	0,19	4	45	0,04	0,21	Н	IP 44	

# **PUMP PERFORMANCE**



constant speed curves ||| -