

eVAL1+

✓ LOW-NOISE OPERATION

✓ LOW ENERGY CONSUMPTION

✓ RELIABILITY

✓ EASY HANDLING

APPLICATION

eVAL1+ 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 eVAL1+ are ideal for installations with variable flow rate (e.g. heating installations with radiators controlled by a thermostat) and in installations characterized by low flows and significant temperature differences of the pumped liquid (solar installations).

✓ One button control

✓ One pump with two flow (Q) and height (H) ranges – 25/4 and 25/6

✓ Venting plug

✓ 3 control modes with 9 curves



RANGE OF USE

Flow	up to 4,4 m³/h
Head	up to 8 m
System pressure	1,0 MPa
Liquid temperature	+2 up to 110°C

DESIGNATION KEY

	Maximum head H = 7 m	Port-to-port length [mm]
eVAL1+ 25 / 4-7 / 180		
Pump type	Nominal diameter [mm]	

CONSTRUCTION FEATURES

Hydraulic part:

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

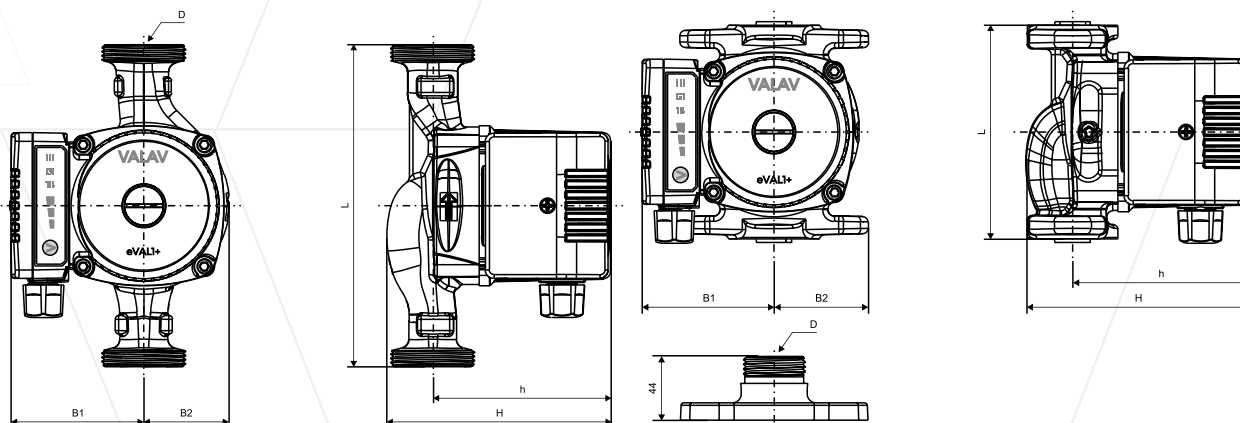
Motor:

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

DIMENSIONS

Threaded version L = 180 und 130 mm

Flanged version L = 120 mm



Dimensions [mm]

Pump type	L	H	h	B1	B2	D	Weight [kg]
eVAL1+ 15/4-7/130	130	125	99	75	48	1"	1,9
eVAL1+ 20/4-7/130	130	125	99	75	48	1 1/4"	2
eVAL1+ 25/.../130	130	125	99	75	48	1 1/2"	2,1
eVAL1+ 25/4-7/120	120	125	99	75	53	1"	2,5
eVAL1+ 25/.../180	180	125	99	75	48	1 1/2"	2,2
eVAL1+ 32/.../180	180	125	99	75	48	2"	2,3

ELECTRICAL DATA

Pump type	Rated voltage [V]	EEI	P ₁ [W]		I [A]		Insulation class	Enclosure class
			min	max	min	max		
eVAL1+ .../4-7/...	1~230-240	0,20	4	45	0,04	0,21	H	IP 44
eVAL1+ .../8/...			7	60	0,05	0,28		

PUMP PERFORMANCE

