

eVAL1+ MAX

✓ LOW-NOISE OPERATION

✓ LOW ENERGY CONSUMPTION

✓ RELIABILITY

✓ EASY HANDLING

APPLICATION

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

✓ High performance pump

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

✓ One button control

✓ Venting plug

✓ 3 control modes with 9 curves



RANGE OF USE

Flow	up to 9 m ³ /h
Head	up to 12 m
System pressure	1,0 MPa
Liquid temperature	+2 up to 110°C

DESIGNATION KEY

eVAL1+ MAX 25 / 12 / 180

Pump type

Nominal
diameter
[mm]

Maximum
head
H = 12 m

Port-to-port
length [mm]

CONSTRUCTION FEATURES

Hydraulic part:

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

ELECTRICAL DATA

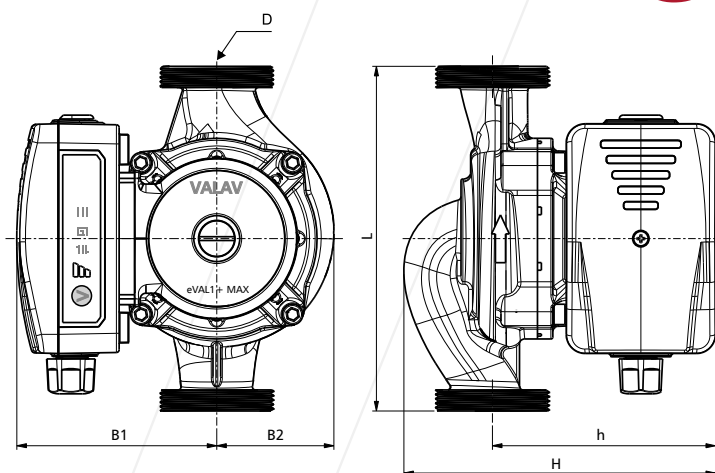
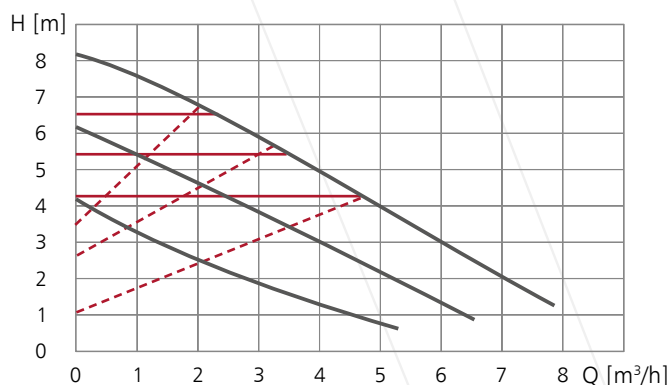
Pump type	Rated voltage [V]	EEI	P ₁ [W]		I [A]		Insulation class	Enclosure class
			min	max	min	max		
eVAL1+ MAX .../8/180	1~230-240	0,23	11	120	0,12	0,9	H	IP 44
eVAL1+ MAX .../10/180			14	150	0,13	1,2		
eVAL1+ MAX .../12/180			16	180	0,15	1,4		

DIMENSIONS

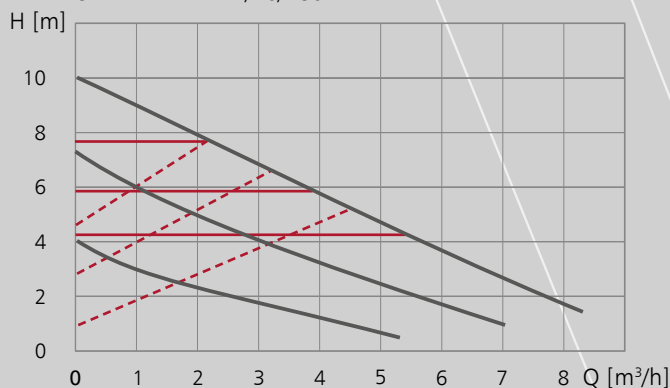
Pump type	Dimensions [mm]						Weight [kg]
	L	H	h	B1	B2	D	
eVAL1+ MAX 25/.../180	180	163	117	104	61	1 1/2"	3,2
eVAL1+ MAX 32/.../180	180	163	117	104	61	2"	3,4

PUMP PERFORMANCE

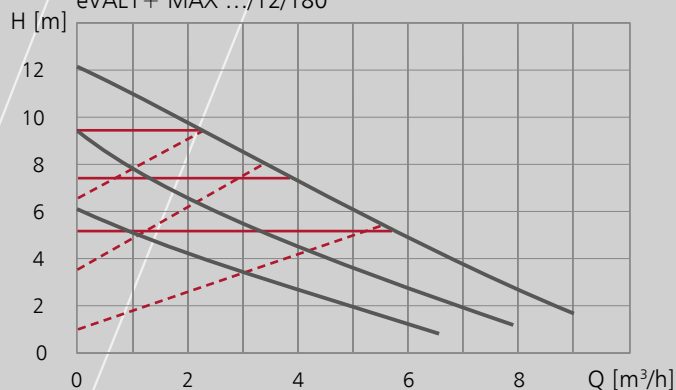
eVAL1+ MAX .../8/180



eVAL1+ MAX .../10/180



eVAL1+ MAX .../12/180



proportional pressure curves constant pressure curves constant speed curves

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