

VAL

✓ LOW-NOISE OPERATION

✓ LOW ENERGY CONSUMPTION

✓ RELIABILITY

✓ EASY HANDLING

APPLICATION

VAL pumps are suitable for drinking water only according to Regulation (EC) No 641/2009. OEM pumps are used in small and medium drinking water installations.

In countries outside the European Union, VAL pumps can be used to pump 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 from solids and fibres; cooling liquids, without mineral oils.

✓ Simple 3-speed solution

✓ Setting knob

✓ Venting plug

✓ 1 control mode with 3 curves



RANGE OF USE

Flow	up to 7,6 m ³ /h
Head	up to 8 m
System pressure	1,0 MPa
Liquid temperature	up to 110°C

DESIGNATION KEY

Maximum head
H = 6 m

Port-to-port length [mm]

VAL 25 / 6 / 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.

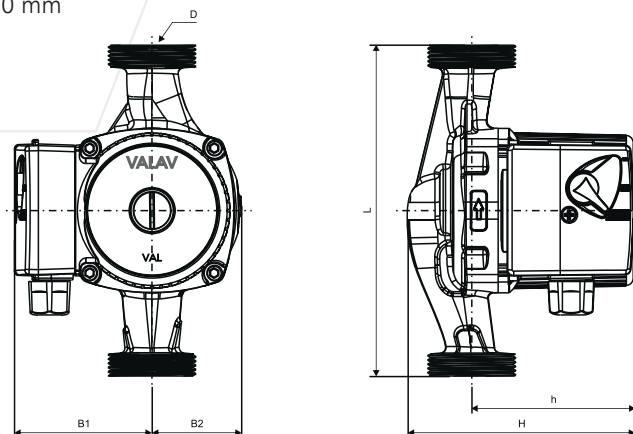
Motor:

- ✓ wet motor rotor,
- ✓ ceramic shaft and bearings,
- ✓ stainless steel rotor can,
- ✓ double-insulated motor winding,
- ✓ stator equipped with drainage holes.

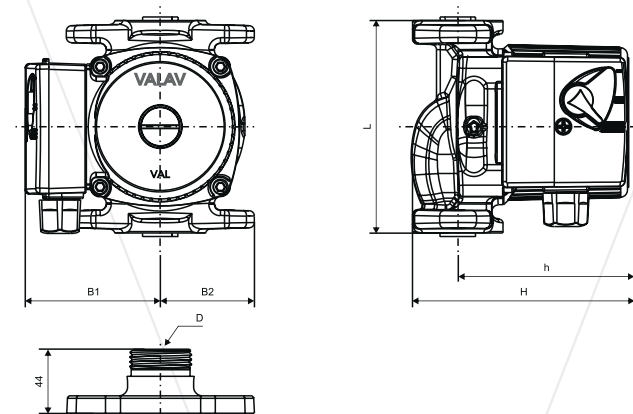
VAL

DIMENSIONS

Threaded version L = 180 und 130 mm



Flanged version L = 120 mm



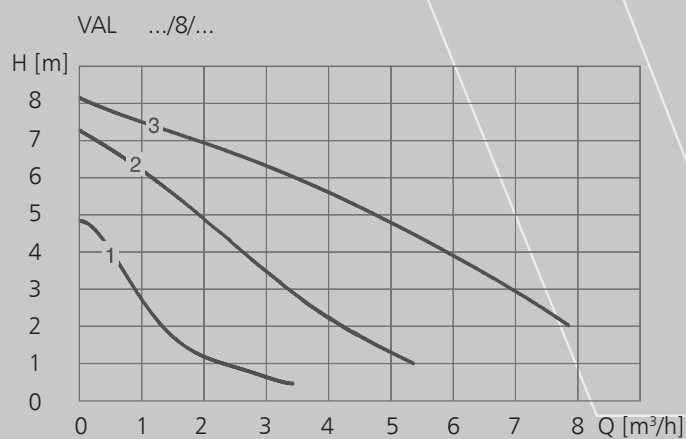
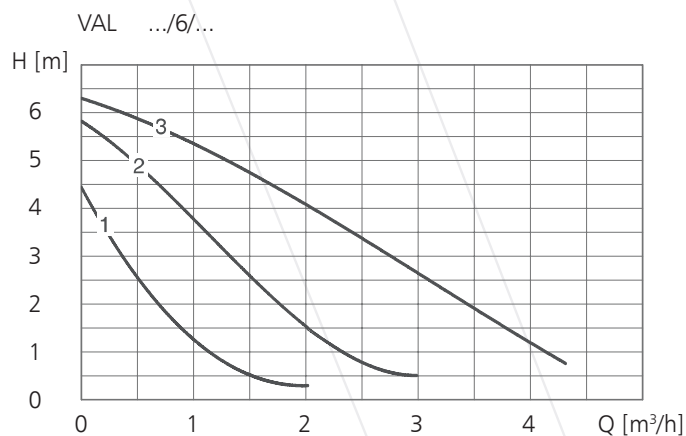
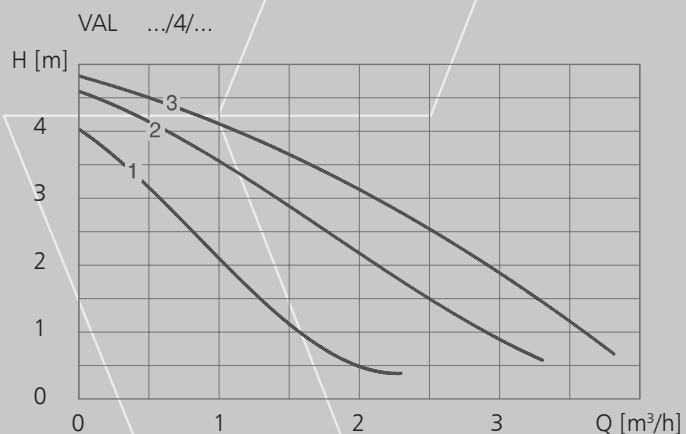
Dimensions [mm]

Pump type	L	H	h	B1	B2	D	Weight [kg]
VAL 15/.../130	130	126	98	76	50	1"	1,6
VAL 20/.../130	130	126	98	76	50	1 1/4"	1,7
VAL 25/.../130	130	126	98	76	50	1 1/2"	1,8
VAL 25/.../120	120	125	99	79	53	1"	2,1
VAL 25/.../180	180	126	90	76	50	1 1/2"	2,2
VAL 32/.../180	180	126	90	76	50	2"	2,3
VAL 25/8/180	180	126	90	76	50	1 1/2"	2,4
VAL 32/8/180	180	126	90	76	50	2"	2,5

ELECTRICAL DATA

Pump type	Rated voltage [V]	P ₁ [W]			I [A]			Insulation class	Enclosure class
		1	2	3	1	2	3		
VAL .../4/...	1~230	37	56	64	0,17	0,25	0,29	H	IP 44
VAL .../6/...		40	62	82	0,18	0,28	0,37		
VAL .../8/...		150	190	205	0,70	0,86	0,92		

PUMP PERFORMANCE



proportional pressure curves III - - - - constant pressure curves III — constant speed curves III — ECO mode ECO - - - -