



EXPERIA 3



EXPERIA 3L



EXPERIA 2



eOEM Z+



eOEM Z



eOEM



OEM



OEM DHW



Circulator pumps for OEM Partners

LFP is a national leader in the production of pumps and pump systems and one of the most modern producers of cast iron components in the world.

We are a Polish company with 157 years of experience. Our factory is located in western Poland in Leszno. We have our own cast iron foundry, advanced CNC machining centers, cataphoresis paint coating lines and modern assembly lines, as well as testing stations and laboratories necessary for the production of pumps according to the highest and most modern standards and technologies. At the same time, we care a lot about environmental protection as well as work safety and comfort of our employees. LFP offers a wide range of pumps for various applications. One of our specializations is production of circulating pumps, including production of pumps for OEM under their own brands and according to their individual requirements and configurations necessary to adjust our products to customers' needs.

LFP means high quality, reliability and fast availability of pumps, modern machinery, extensive technological knowledge, constant improvement of products, as well as flexibility and partnership in relations with customers.

CHECK!



 LFP_PL

RESPONSIBILITY



INNOVATIVITY



FLEXIBILITY



PARTNERSHIP



LFP
Forever & better

Our motto **"Forever and Better"** defines the direction of our development. Its main message is our commitment to continuous improvement. We build our future based on the following 4 values: **Responsibility, Innovativity, Flexibility** and **Partnership**.

We forever base all our actions on responsibility. On this foundation – approaching flexibly the needs of the situation and using innovative solutions – we build partnerships with our customers, employees, suppliers and our local community, to be able to meet the challenges of the future even better every day.

PRODUCTS

EXPERIA3 EXPERIA3L EXPERIA2 eOEMZ+ eOEMZ eOEM OEM OEMDHW

APPLICATION

domestic hot water (DHW)	-	-	-	-	✓	-	✓	✓
heating system	✓	✓	✓	✓	✓	✓	✓	-
solar	✓	✓	✓	✓	✓	✓	✓	-
air conditioning	✓	✓	✓	✓	✓	✓	✓	-

CONTROL MODES

constant pressure curves	3	3	3	3	3	1	-	-
constant speed curves	3	3	3	3	3	1	3	3
proportional pressure curves	3	3	3	3	3	2	-	-
ECO mode	1	1	1	-	-	-	-	-
PWMH	✓	-	-	-	-	-	-	-
PWMS	✓	-	-	-	-	-	-	-

PRODUCT FEATURES

venting plug	-	-	-	✓	✓	✓	✓	-
self-venting	✓	✓	✓	-	-	-	-	✓
power cable	✓	✓	✓	Optional	Optional	✓	Optional	✓
smart plug	✓	✓	-	-	-	-	-	-
cathophoretic protection	✓	✓	✓	✓	✓	✓	✓	-
touch control panel	✓	✓	✓	✓	✓	✓	-	✓
work visualization	✓	✓	✓	✓	✓	✓	-	✓
1 button setting	✓	✓	✓	✓	✓	✓	-	✓
setting knob	-	-	-	-	-	-	✓	-

PERSONALIZATION

LED colour on the control panel	-	-	-	-	-	✓	-	-
control box design	-	-	-	✓	✓	✓	-	-
motor housing colour	-	-	-	✓	✓	✓	✓	-
product name	Optional	Optional	Optional	✓	✓	✓	✓	✓
nameplate	✓	✓	✓	✓	✓	✓	✓	✓
control panel sticker	Optional	Optional	Optional	Optional	Optional	Optional	-	Optional

STANDARD MOTOR COLOUR

black	✓	✓	✓	✓	✓	✓	✓	✓
blue	-	-	-	✓	✓	-	✓	-

PORT-TO-PORT LENGTH
[mm]

NOMINAL DIAMETER
[mm]

PRODUCTS

EXPERIA3 EXPERIA3L EXPERIA2 eOEMZ+ eOEMZ eOEM OEM OEMDHW

78	15	-	-	-	-	-	-	-	✓
120	25	-	-	-	-	✓	-	✓	-
130	15	✓	✓	✓	-	✓	✓	✓	-
	20	✓	✓	✓	-	✓	✓	✓	-
180	25	✓	✓	✓	-	✓	✓	✓	-
	32	✓	✓	✓	✓	✓	✓	✓	-

If You decide to cooperate with LFP You choose:



Reliable and fully tested solutions



Partnership at every stage of cooperation



Flexibility to adjust the pump to the needs of your product/system



A wide range of pump personalization possibilities



Opportunity to use the experience of highly qualified engineers from our Research, Development and Innovation Team



Possibility to design a unique solution dedicated for the specific requirements of your product/system



Attractive delivery times



Full warranty and after-sales support



A strong and stable supplier with a comprehensive and modern production base



Care for the environment and high work standards



European manufacturer



A partner open to new challenges

EXPERIA 3

High-efficiency circulator pumps

ONE OF THE LOWEST
CIRCULATORS (IN MOTOR AXIS)

DUAL PWM CONTROL FOR
HEATING AND SOLAR SYSTEMS

4 CONTROL MODES
WITH 12 CURVES

EASY AND TIMESAVING
INSTALLATION THANKS
TO SMART PLUG

ONE PUMP WITH TWO FLOW
(Q) AND HEIGHT (H) RANGES
– 25/40 AND 25/60



LOW ENERGY CONSUMPTION

LOW-NOISE OPERATION

EASY HANDLING

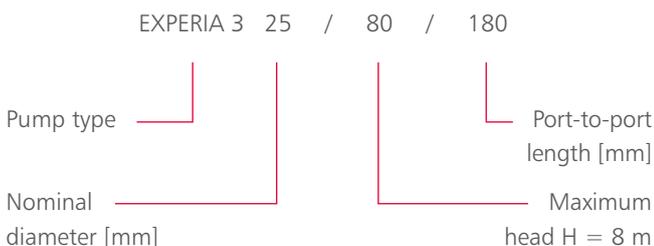
RELIABILITY

APPLICATION

EXPERIA 3 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 EXPERIA 3 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).

DESIGNATION KEY



CONSTRUCTION FEATURES

Hydraulic part:

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

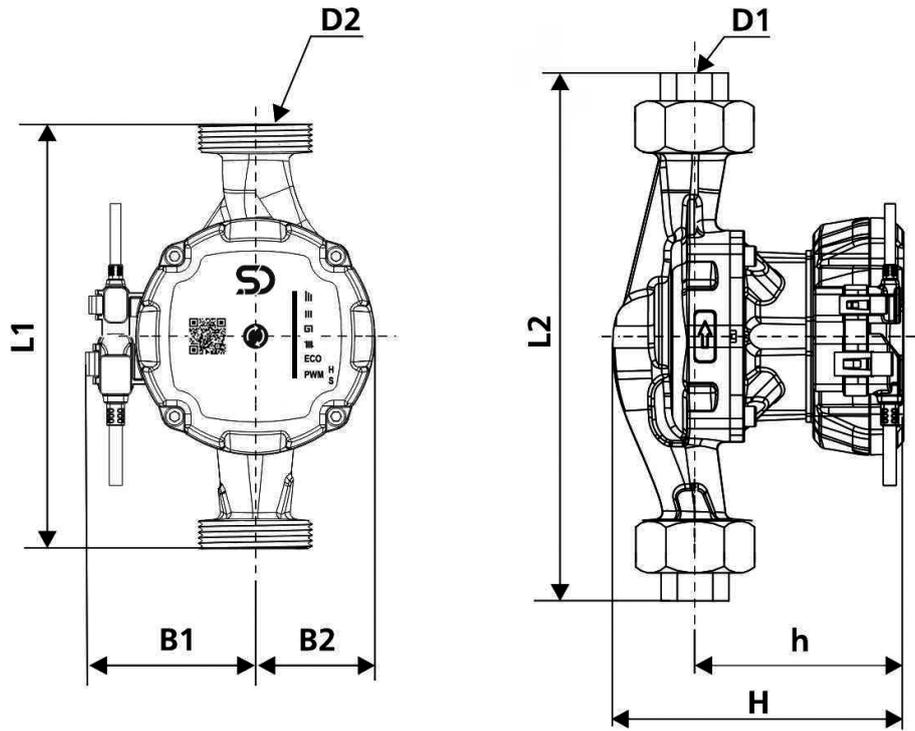
Motor:

- 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.

RANGE OF USE

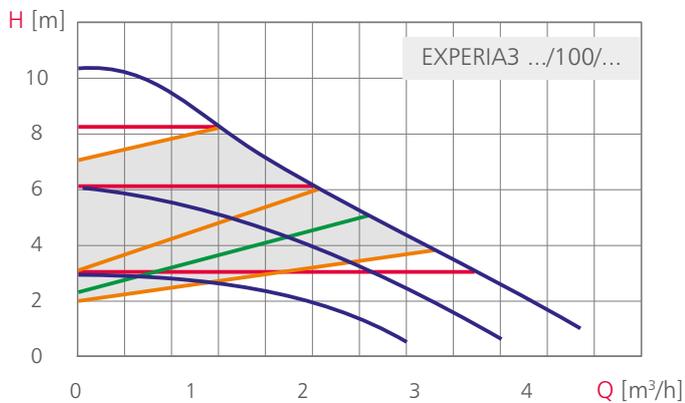
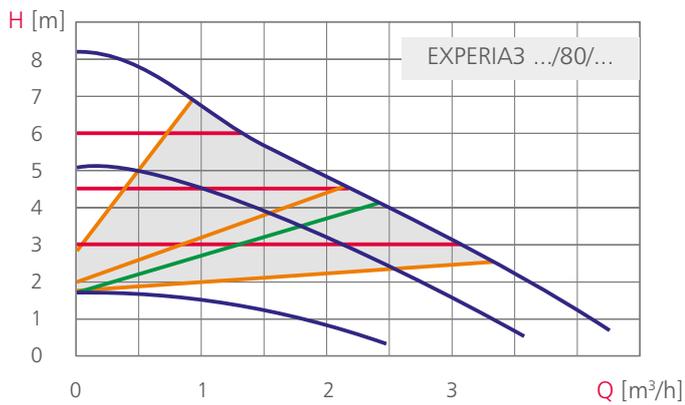
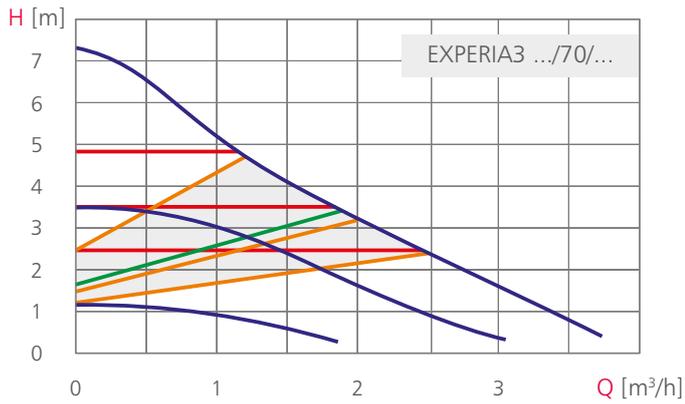
Flow	up to 5 m ³ /h
Head	up to 10 m
System pressure	1,0 MPa
Connection diameter	1/2", 3/4", 1" or 1 1/4"
Liquid temperature	+2 up to 110°C

DIMENSIONS



Pump type	Dimensions [mm]								Weight [kg]
	L1	L2	H	h	B1	B2	D1	D2	
EXPERIA3 15/70/130	130	178	124	95	72	50	1/2"	1"	1,4
EXPERIA3 20/70/130	130	178	124	95	72	50	3/4"	1 1/4"	1,5
EXPERIA3 25/70/130	130	178	124	95	72	50	1"	1 1/2"	1,5
EXPERIA3 25/70/180	180	236	122	87	72	50	1"	1 1/2"	1,7
EXPERIA3 32/70/180	180	236	122	87	72	50	1 1/2"	2"	1,9
EXPERIA3 25/80/130	130	178	135	98	72	50	1"	1 1/2"	1,9
EXPERIA3 25/80/180	180	236	133	98	72	50	1"	1 1/2"	2,1
EXPERIA3 32/80/180	180	236	133	98	72	50	1 1/2"	2"	2,3
EXPERIA3 25/100/130	130	178	135	98	72	50	1"	1 1/2"	1,9
EXPERIA3 25/100/180	180	236	133	98	72	50	1"	1 1/2"	2,1
EXPERIA3 32/100/180	180	236	133	98	72	50	1 1/2"	2"	2,3

PUMP PERFORMANCE



Designation of the type of characteristics:

III - constant speed curves,

□ - constant pressure curves,

II - proportional pressure curves,

ECO - proportional pressure curve ECO mode.

TECHNICAL DATA

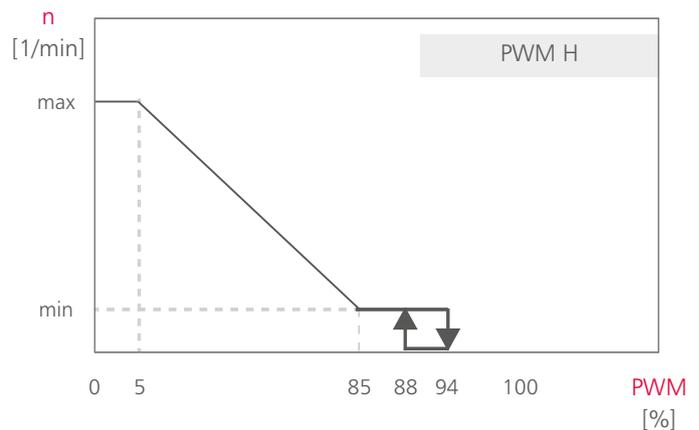
Pump type	Rated voltage [V]	EEI	P_1 [W]		I [A]		Insulation class	Enclosure class
			min	max	min	max		
EXPERIA3 .../70/...	1~230-240	0,19	4	45	0,04	0,21	H	IP 44
EXPERIA3 .../80/...		0,20	8	65	0,05	0,39		
EXPERIA3 .../100/...		0,20	9	92	0,06	0,53		

PWM control in heating mode H

PWM input signal [%]:

- < 5: The pump operates with maximum speed
- 6-85: The pump speed decreases linearly from n max do n min
- 86-88: The pump runs at minimum speed
- 89-93: If the input signal fluctuates near the speed change point, it will prevent the pump from starting and stopping according to the principle of hysteresis
- 94-100: Pump stops (standby)

If the signal cable is disconnected from the pump, e.g. due to an interruption, the pump accelerates to speed.

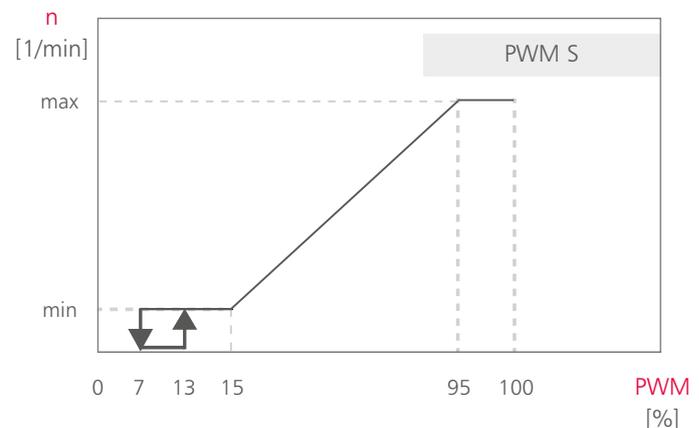


PWM control in solar mode S

PWM input signal [%]:

- 0-7: Pump stops (standby)
- 8-12: If the input signal fluctuates near the speed change point, it will prevent the pump from starting and stopping according to the principle of hysteresis
- 13-15: The pump runs at minimum speed
- 16-95: The pump speed increases linearly from n max do n min
- > 95: The pump operates at maximum speed

If the signal cable is disconnected from the pump, e.g. due to an interruption, the pump stops.



Properties of the feedback signal

Output frequency f_{out} 75Hz \pm 5%
 Maximum interface voltage 30V DC (<10mA)

Properties of the feedback signal [%]:

- 95: The pump is in standby state
- 90: Locked-rotor protection
- 85: Dry running protection, too high motor current, one phase in motor missing
- 80: The input voltage is too high or too low, or the winding temperature is too high
- 75: Other faults
- 0~70: Feedback at 0.03m³/h per 1% for EXPERIA3 .../70/...

EXPERIA 3L

High-efficiency circulator pumps

ONE OF THE LOWEST
CIRCULATORS (IN MOTOR AXIS)

ONE BUTTON CONTROL

3 CONTROL MODES
WITH 10 CURVES

EASY AND TIMESAVING
INSTALLATION THANKS
TO SMART PLUG

ONE PUMP WITH TWO FLOW
(Q) AND HEIGHT (H) RANGES
– 25/40 AND 25/60



LOW ENERGY CONSUMPTION

LOW-NOISE OPERATION

EASY HANDLING

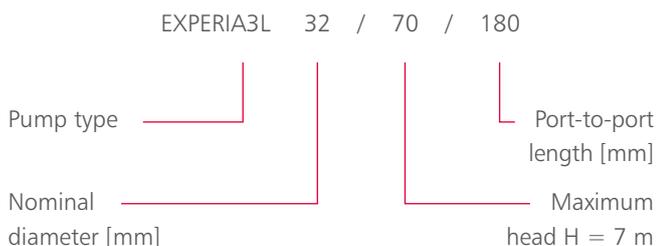
RELIABILITY

APPLICATION

EXPERIA 3L 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 EXPERIA 3L 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).

DESIGNATION KEY



CONSTRUCTION FEATURES

Hydraulic part:

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

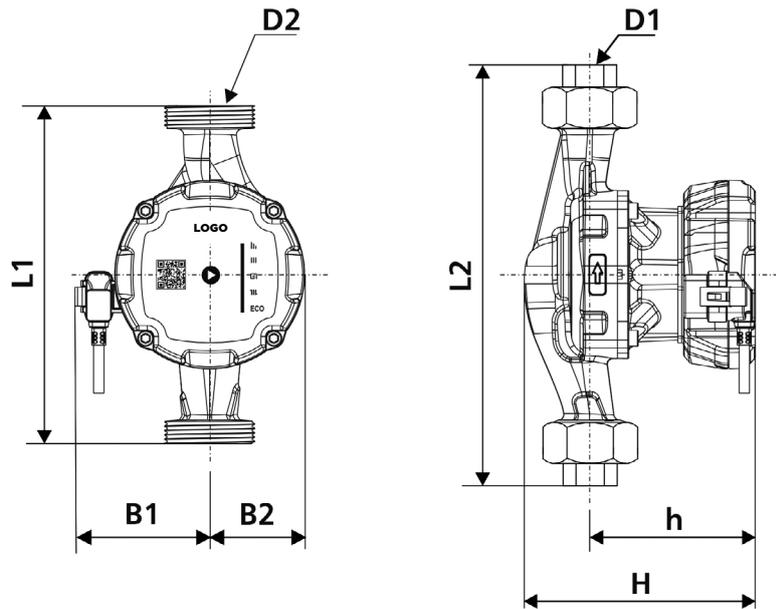
Motor:

- 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.

RANGE OF USE

Flow	up to 3,7 m ³ /h
Head	up to 7 m
System pressure	1,0 MPa
Connection diameter	1/2", 3/4", 1" or 1 1/4"
Liquid temperature	+2 up to 110°C

DIMENSIONS

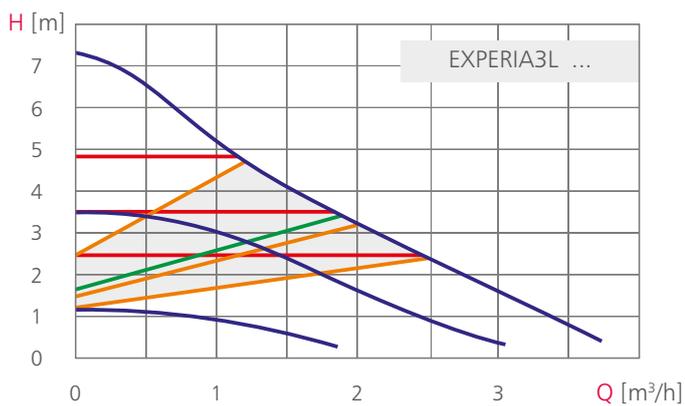


Pump type	Dimensions [mm]							Weight [kg]	
	L1	L2	H	h	B1	B2	D1		D2
EXPERIA3L 15/70/130	130	178	124	95	71	50	1/2"	1"	1,4
EXPERIA3L 20/70/130	130	178	124	95	71	50	3/4"	1 1/4"	1,5
EXPERIA3L 25/70/130	130	178	124	95	71	50	1"	1 1/2"	1,5
EXPERIA3L 25/70/180	180	236	122	87	71	50	1"	1 1/2"	1,7
EXPERIA3L 32/70/180	180	236	133	98	71	50	1 1/2"	2"	1,9

TECHNICAL DATA

Pump type	Rated voltage [V]	EEI	P ₁ [W]		I [A]		Insulation class	Enclosure class
			min	max	min	max		
EXPERIA3L ...	1~230-240	0,19	4	45	0,04	0,21	H	IP 44

PUMP PERFORMANCE



Designation of the type of characteristics:

III - constant speed curves,

G - constant pressure curves,

IIIL - proportional pressure curves,

ECO - proportional pressure curve ECO mode.

EXPERIA 2

High-efficiency circulator pumps

ONE OF THE LOWEST
CIRCULATORS (IN MOTOR AXIS)

ONE BUTTON CONTROL

3 CONTROL MODES
WITH 10 CURVES

READY-TO-USE
POWER CABLE

ONE PUMP WITH TWO FLOW
(Q) AND HEIGHT (H) RANGES
– 25/40 AND 25/60



LOW ENERGY CONSUMPTION

LOW-NOISE OPERATION

EASY HANDLING

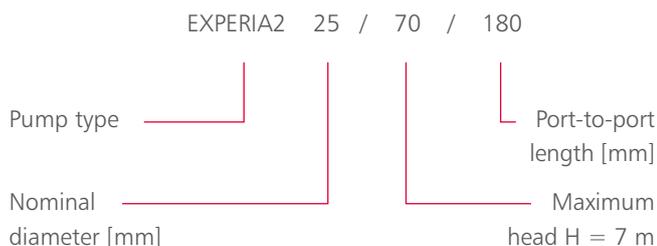
RELIABILITY

APPLICATION

EXPERIA 2 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 EXPERIA 2 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).

DESIGNATION KEY



CONSTRUCTION FEATURES

Hydraulic part:

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

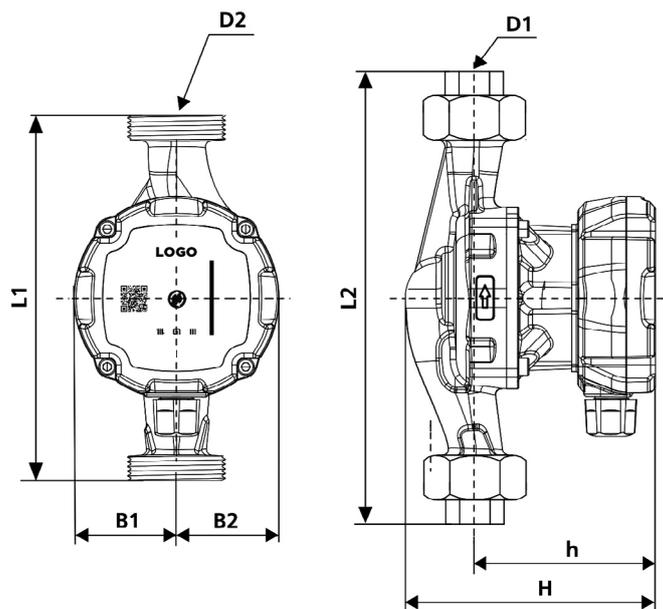
Motor:

- 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.

RANGE OF USE

Flow	up to 3,7 m ³ /h
Head	up to 7 m
System pressure	1,0 MPa
Connection diameter	1/2", 3/4", 1" or 1 1/4"
Liquid temperature	+2 up to 110°C

DIMENSIONS

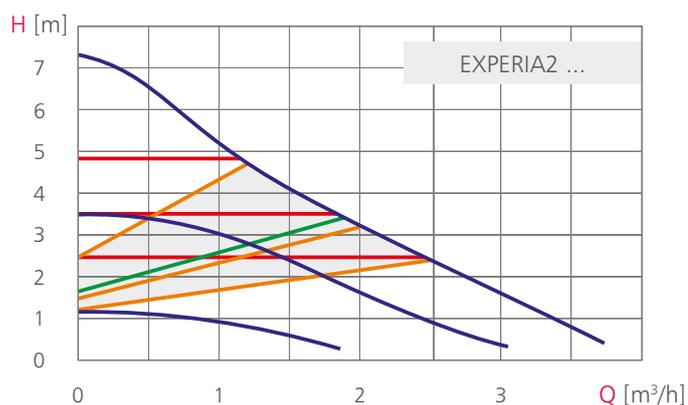


Pump type	Dimensions [mm]								Weight [kg]
	L1	L2	H	h	B1	B2	D1	D2	
EXPERIA2 15/70/130	130	178	124	95	50	50	1/2"	1"	1,6
EXPERIA2 20/70/130	130	178	124	95	50	50	3/4"	1 1/4"	1,7
EXPERIA2 25/70/130	130	178	124	95	50	50	1"	1 1/2"	1,8
EXPERIA2 25/70/180	180	236	124	88	50	50	1"	1 1/2"	1,9
EXPERIA2 32/70/180	180	236	133	88	50	50	1 1/2"	2"	2,2

TECHNICAL DATA

Pump type	Rated voltage [V]	EEI	P ₁ [W]		I [A]		Insulation class	Enclosure class
			min	max	min	max		
EXPERIA2 ...	1~230-240	0,19	4	45	0,04	0,21	H	IP 44

PUMP PERFORMANCE



Designation of the type of characteristics:

III - constant speed curves,

G - constant pressure curves,

III - proportional pressure curves,

ECO - proportional pressure curve ECO mode.

HIGH PERFORMANCE PUMP

ONE PUMP WITH TWO FLOW (Q) AND HEIGHT (H) RANGES – 25/40 AND 25/60

ONE BUTTON CONTROL

3 CONTROL MODES WITH 9 CURVES

VENTING PLUG



LOW ENERGY CONSUMPTION

LOW-NOISE OPERATION

EASY HANDLING

RELIABILITY

APPLICATION

eOEM Z+ 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 eOEM Z+ 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).

CONSTRUCTION FEATURES

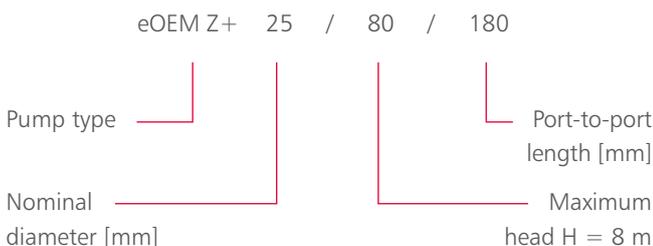
Hydraulic part:

- ▮ 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.

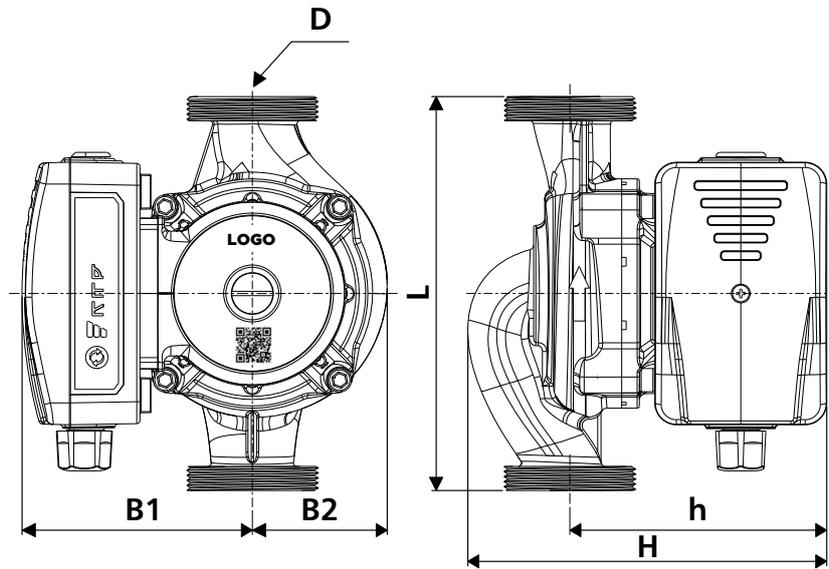
DESIGNATION KEY



RANGE OF USE

Flow	up to 9 m ³ /h
Head	up to 12 m
System pressure	1,0 MPa
Connection diameter	1" or 1 1/4"
Liquid temperature	+2 up to 110°C

DIMENSIONS

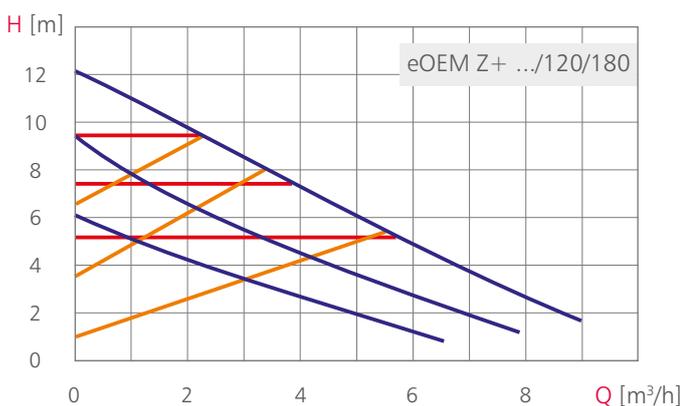
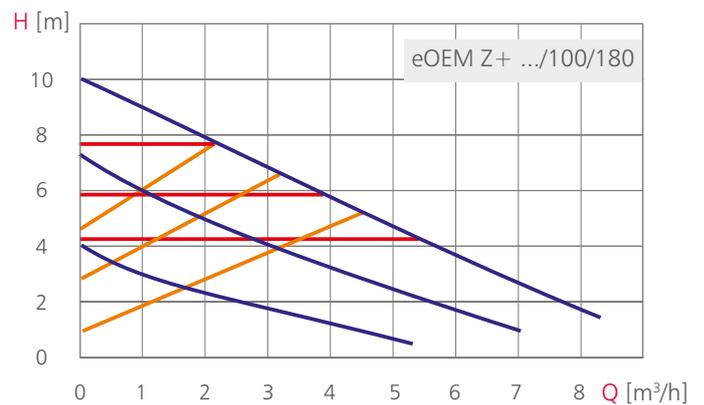
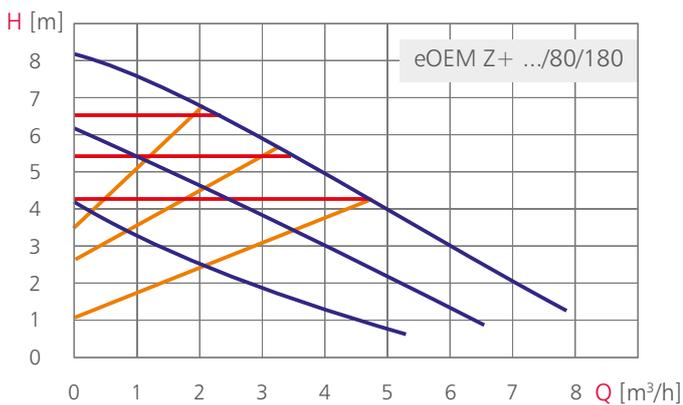


Pump type	Dimensions [mm]						Weight [kg]
	L	H	h	B1	B2	D	
eoEM Z+ 25/.../180	180	163	117	104	61	1 1/2"	3,2
eoEM Z+ 32/.../180	180	163	117	104	61	2"	3,4

TECHNICAL DATA

Pump type	Rated voltage [V]	EEI	P_1 [W]		I [A]		Insulation class	Enclosure class
			min	max	min	max		
eoEM Z+ .../80/180	1~230-240	0,23	11	120	0,12	0,9	H	IP 44
eoEM Z+ .../100/180			14	150	0,13	1,2		
eoEM Z+ .../120/180			16	180	0,15	1,4		

PUMP PERFORMANCE



Designation of the type of characteristics:

III - constant speed curves,

□ - constant pressure curves,

||| - proportional pressure curves,

ECO - proportional pressure curve ECO mode.

eOEM Z

Energy-efficient circulator pumps

ONE PUMP WITH TWO FLOW (Q) AND HEIGHT (H) RANGES – 25/40 AND 25/60

ONE BUTTON CONTROL

3 CONTROL MODES WITH 9 CURVES

VENTING PLUG



LOW ENERGY CONSUMPTION

LOW-NOISE OPERATION

EASY HANDLING

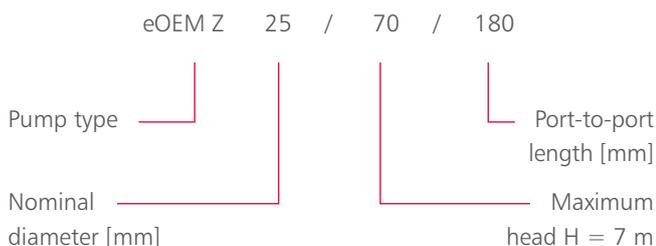
RELIABILITY

APPLICATION

eOEM Z 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.

Energy-efficient circulator pumps eOEM Z 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).

DESIGNATION KEY



CONSTRUCTION FEATURES

Hydraulic part:

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

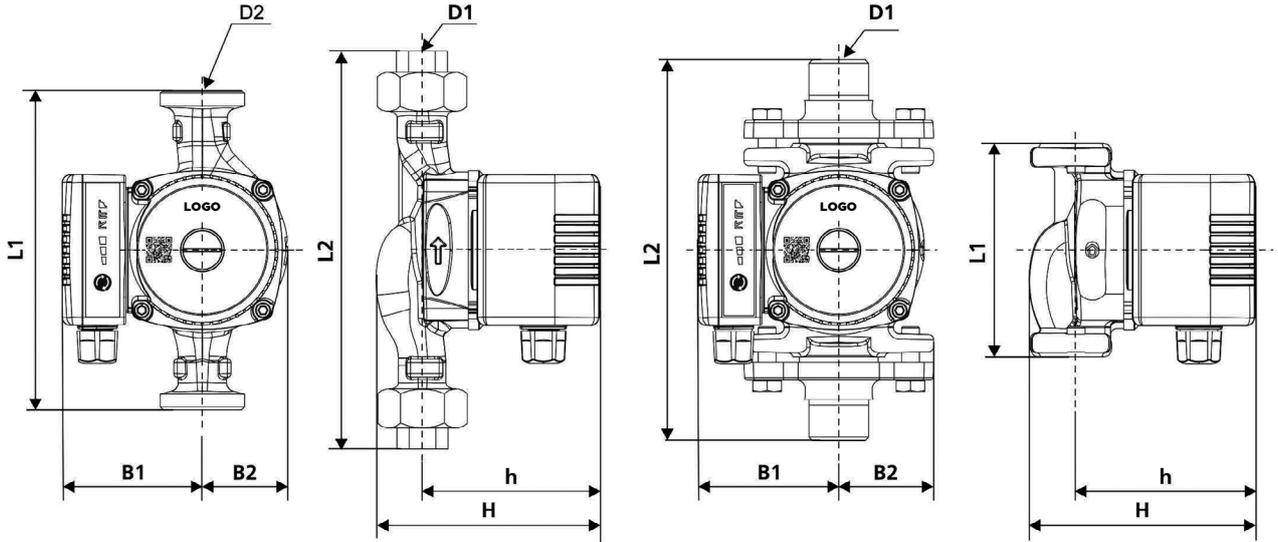
RANGE OF USE

Flow	up to 4,4 m ³ /h
Head	up to 8 m
System pressure	1,0 MPa
Connection diameter	1/2", 3/4", 1" or 1 1/4"
Liquid temperature	+2 up to 110°C

DIMENSIONS

Threaded versions L1 = 180 and 130 mm

Flanged version L1 = 120 mm

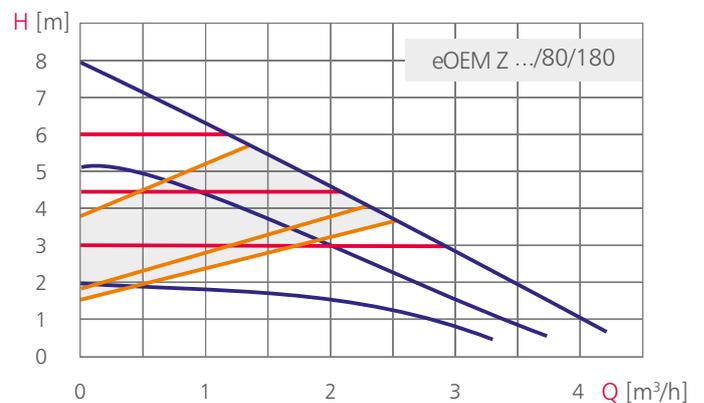
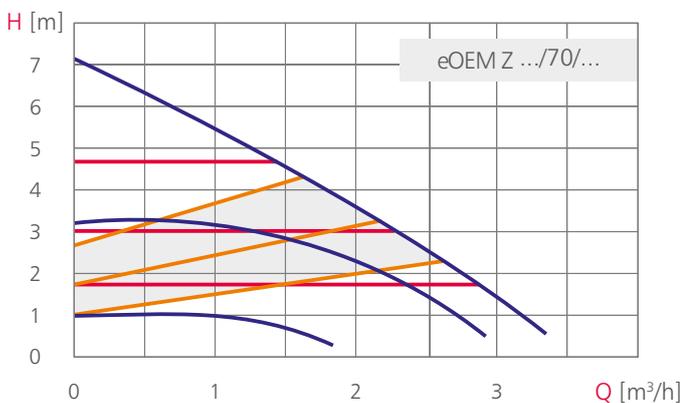


Pump type	Dimensions [mm]								Weight [kg]
	L1	L2	H	h	B1	B2	D1	D2	
eOEM Z 15/70/130	130	178	125	99	75	48	1/2"	1"	1,9
eOEM Z 20/70/130	130	178	125	99	75	48	3/4"	1 1/4"	2
eOEM Z 25/70/130	130	178	125	99	75	48	1"	1 1/2"	2,1
eOEM Z 25/70/120	120	216	125	99	75	53	1"	-	2,5
eOEM Z 25/70/180	180	236	125	99	75	48	1"	1 1/2"	2,2
eOEM Z 32/70/180	180	236	125	99	75	48	1 1/4"	2"	2,3
eOEM Z 25/80/130	130	178	125	99	75	48	1"	1 1/2"	2,1
eOEM Z 25/80/180	180	236	125	99	75	48	1"	1 1/2"	2,2
eOEM Z 32/80/180	180	236	125	99	75	48	1 1/4"	2"	2,3

TECHNICAL DATA

Pump type	Rated voltage [V]	EEI	P _i [W]		I [A]		Insulation class	Enclosure class
			min	max	min	max		
eOEM Z .../70/...	1~230-240	0,20	4	45	0,04	0,21	H	IP 44
eOEM Z .../80/...			7	60	0,05	0,28		

PUMP PERFORMANCE



Designation of the type of characteristics:

||| - constant speed curves, □ - constant pressure curves, ▨ - proportional pressure curves.

SIMPLE ENERGY-EFFICIENT SOLUTION

ONE BUTTON CONTROL

3 CONTROL MODES WITH 4 CURVES

VENTING PLUG

READY-TO-USE POWER CABLE



LOW ENERGY CONSUMPTION

LOW-NOISE OPERATION

EASY HANDLING

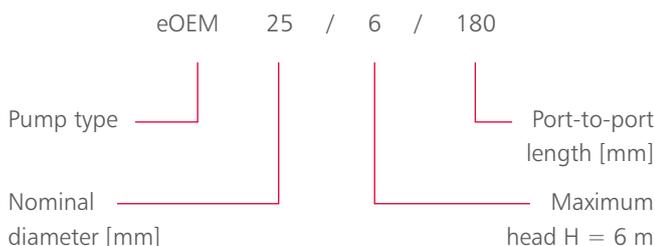
RELIABILITY

APPLICATION

eOEM 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.

Energy-efficient circulator pumps eOEM 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).

DESIGNATION KEY



CONSTRUCTION FEATURES

Hydraulic part:

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

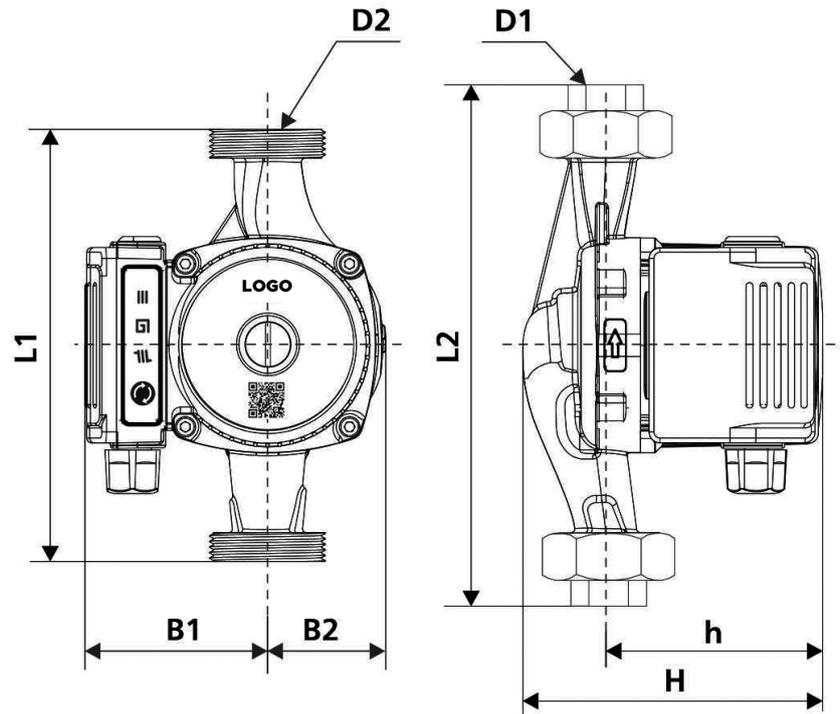
Motor:

- ▮ 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.

RANGE OF USE

Flow	up to 4,8 m ³ /h
Head	up to 8 m
System pressure	1,0 MPa
Connection diameter	1/2", 3/4" or 1"
Liquid temperature	up to 110°C

DIMENSIONS

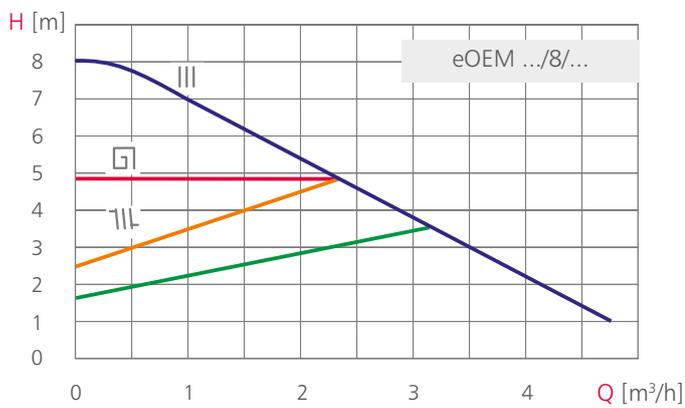
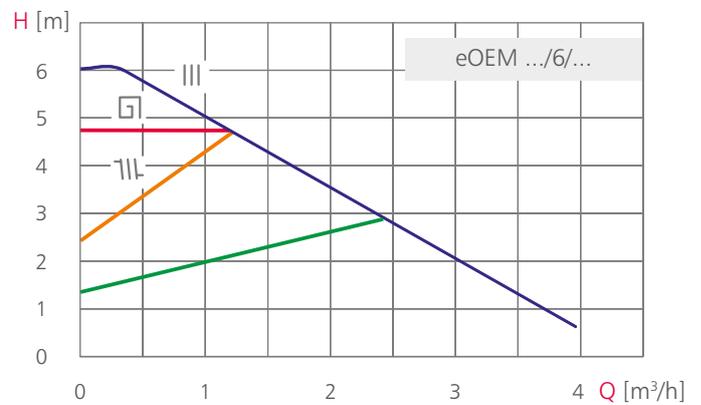
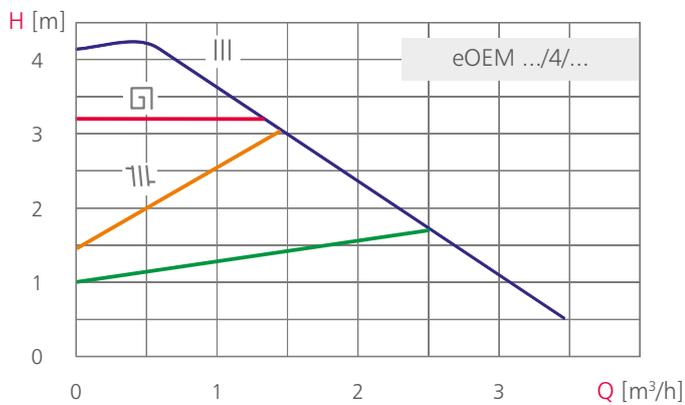


Pump type	Dimensions [mm]								Weight [kg]
	L1	L2	H	h	B1	B2	D1	D2	
eOEM 15/4/130	130	178	124	96	76	50	1/2"	1"	1,6
eOEM 20/4/130	130	178	124	96	76	50	3/4"	1 1/4"	1,7
eOEM 25/4/130	130	178	124	96	76	50	1"	1 1/2"	1,8
eOEM 25/4/180	180	236	123	88	76	50	1"	1 1/2"	2,2
eOEM 32/4/180	180	236	130	100	76	50	1 1/4"	2"	2,4
eOEM 15/6/130	130	178	124	96	76	50	1/2"	1"	1,6
eOEM 20/6/130	130	178	124	96	76	50	3/4"	1 1/4"	1,7
eOEM 25/6/130	130	178	124	96	76	50	1"	1 1/2"	1,8
eOEM 25/6/180	180	236	123	88	76	49	1"	1 1/2"	2,2
eOEM 32/6/180	180	236	130	100	76	49	1 1/4"	2"	2,4
eOEM 25/8/130	130	178	124	96	76	50	1"	1 1/2"	1,8
eOEM 25/8/180	180	236	123	88	76	50	1"	1 1/2"	2,2
eOEM 32/8/180	180	235	130	100	76	50	1 1/4"	2"	2,4

TECHNICAL DATA

Pump type	Rated voltage [V]	EEI	P_1 [W]		I [A]		Insulation class	Enclosure class
			min	max	min	max		
eOEM .../4/...	1~230	0,20	4	28	0,04	0,14	H	IP 44
eOEM .../6/...		0,20	6	45	0,06	0,21		
eOEM .../8/...		0,21	8	70	0,05	0,48		

PUMP PERFORMANCE



Designation of the type of characteristics:

III - constant speed curves,

G - constant pressure curves,

II - proportional pressure curves,

ECO - proportional pressure curve ECO mode.

eOEM pumps

MODEL 1



MODEL 2



MODEL 3



eOEM Z pumps

MODEL 2



MODEL 3



OEM

Standard circulator pumps

SIMPLE 3-SPEED SOLUTION

HIGH QUALITY OF MANUFACTURE

SETTING KNOB

LOW-NOISE OPERATION

1 CONTROL MODE WITH 3 CURVES

EASY HANDLING

VENTING PLUG

RELIABILITY



APPLICATION

OEM 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, OEM 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.

CONSTRUCTION FEATURES

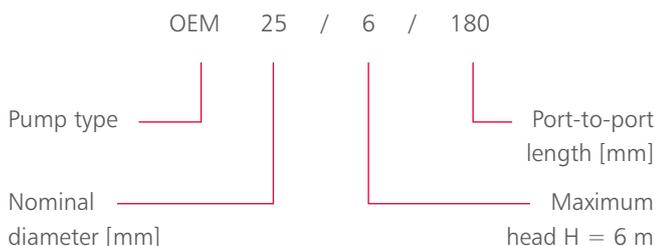
Hydraulic part:

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

Motor:

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

DESIGNATION KEY



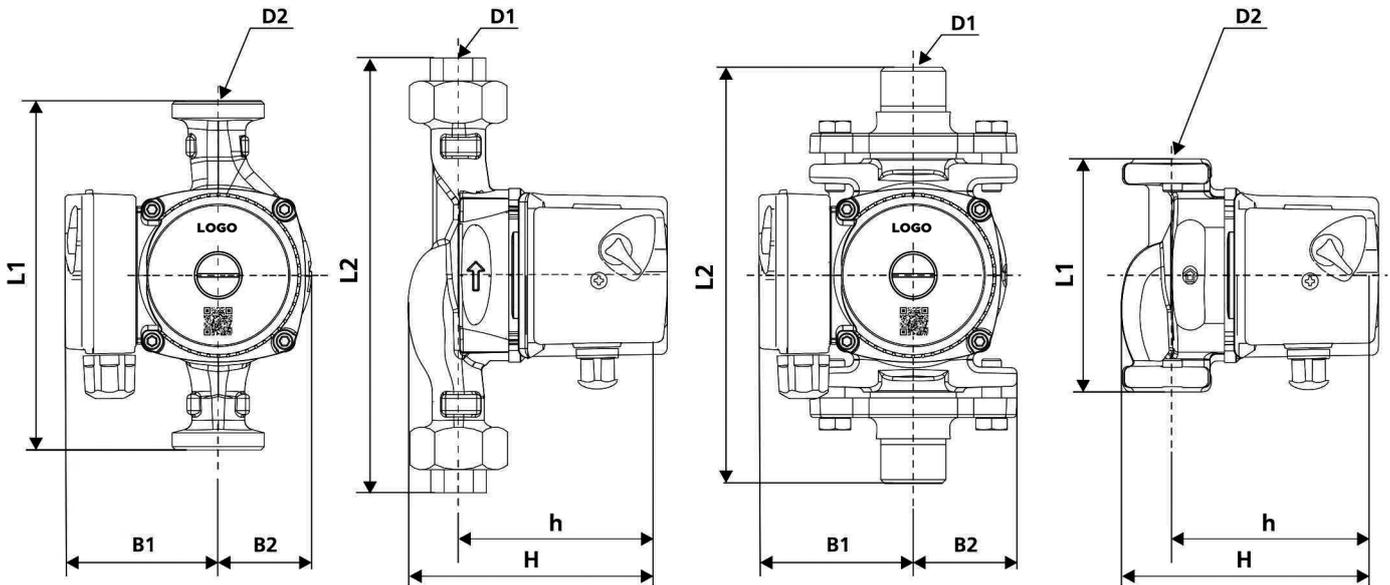
RANGE OF USE

Flow	up to 7,6 m ³ /h
Head	up to 8 m
System pressure	1,0 MPa
Connection diameter	1/2", 3/4", 1" or 1 1/4"
Liquid temperature	up to 110°C

DIMENSIONS

Threaded versions L1 = 180 and 130 mm

Flanged version L1 = 120 mm

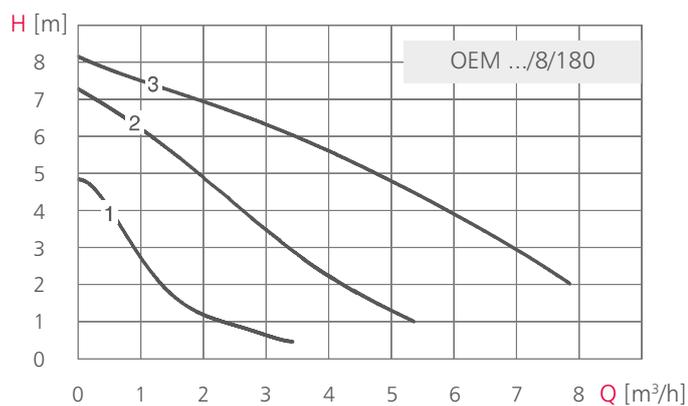
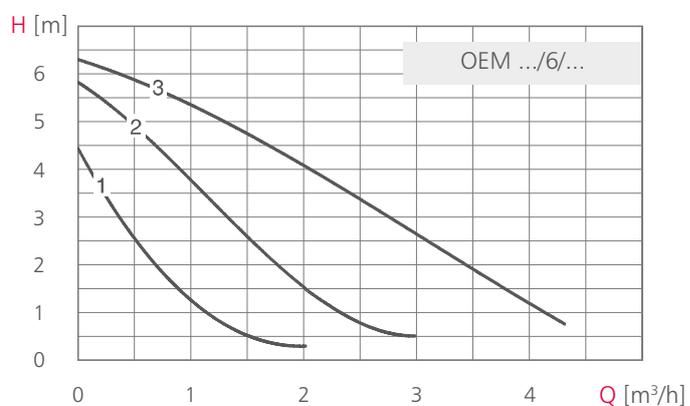
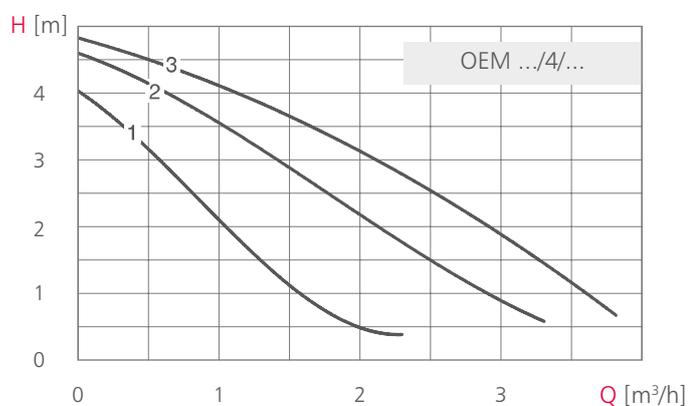


Pump type	Dimensions [mm]							Weight	
	L1	L2	H	h	B1	B2	D1	D2	[kg]
OEM 15/4/130	130	178	126	98	76	50	1/2"	1"	1,6
OEM 20/4/130	130	178	126	98	76	50	3/4"	1 1/4"	1,7
OEM 25/4/130	130	178	126	98	76	50	1"	1 1/2"	1,8
OEM 25/4/120	120	216	125	99	79	53	1"	-	2,1
OEM 25/4/180	180	236	126	90	76	50	1"	1 1/2"	2,2
OEM 32/4/180	180	236	126	90	76	50	1 1/4"	2"	2,3
OEM 15/6/130	130	178	126	98	76	50	1/2"	1"	1,6
OEM 20/6/130	130	178	126	98	76	50	3/4"	1 1/4"	1,7
OEM 25/6/130	130	178	126	98	76	50	1"	1 1/2"	1,8
OEM 25/6/180	180	236	126	90	76	50	1"	1 1/2"	2,2
OEM 32/6/180	180	236	126	90	76	50	1 1/4"	2"	2,3
OEM 25/8/180	180	236	126	90	76	50	1"	1 1/2"	2,4
OEM 32/8/180	180	236	126	90	76	50	1 1/4"	2"	2,5

TECHNICAL DATA

Pump type	Rated voltage [V]	P_i [W]			I_N [A]			Insulation class	Enclosure class
		1	2	3	1	2	3		
OEM .../4/...	1~230	37	56	64	0,17	0,25	0,29	H	IP 44
OEM .../6/...		40	62	82	0,18	0,28	0,37		
OEM .../8/180		150	190	205	0,70	0,86	0,92		

PUMP PERFORMANCE



OEM DHW

Energy-efficient pump
for domestic hot water systems



OEM DHW

Energy-efficient pump for domestic hot water systems

NO SERVICE REQUIRED

ONE BUTTON CONTROL

1 CONTROL MODE WITH 3 CURVES

SELF-VENTING

READY-TO-USE POWER CABLE



LOW ENERGY CONSUMPTION

LOW-NOISE OPERATION

EASY HANDLING

RELIABILITY

APPLICATION

OEM DHW circulation pumps are suitable for drinking water only according to Regulation (EC) No 641/2009.

OEM DHW pumps are used in domestic hot water systems.

This pump is available in a 1-230V AC and 12V DC version.

RANGE OF USE

Flow up to 0,8 m³/h
Head up to 1,5 m
System pressure 1,0 MPa
Connection diameter 1/2"
Liquid temperature +2 up to 110°C

CONSTRUCTION FEATURES

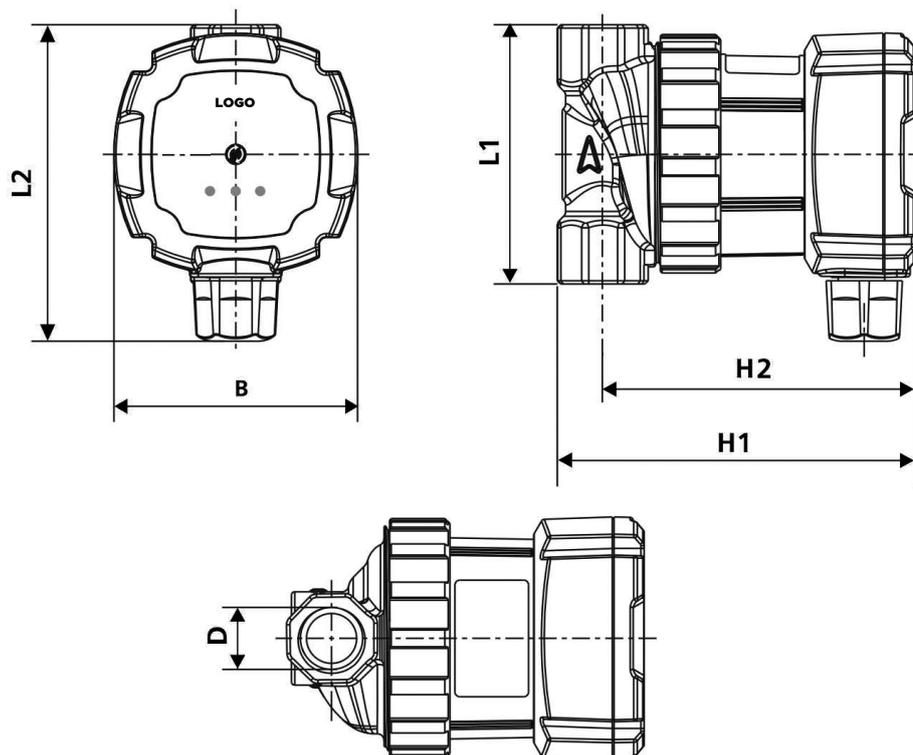
Hydraulic part:

- closed composite impeller with ceramic sleeve,
- stainless steel pump body.

Motor:

- electronically commutated (ECM technology),
- three constant speeds,
- plastic motor housing,
- protected against overloads.

DIMENSIONS

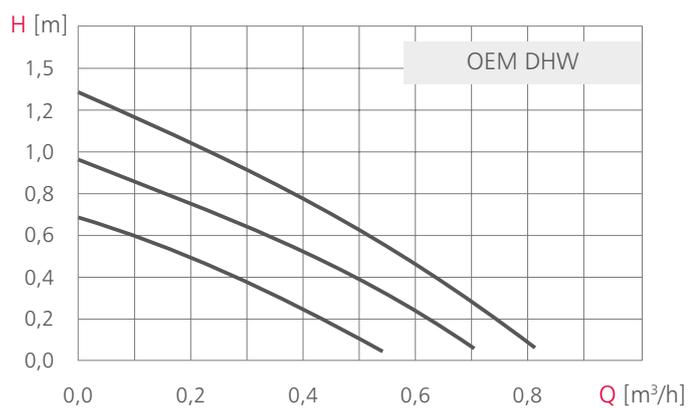


Pump type	Dimensions [mm]						Weight [kg]
	L1	L2	B	H1	H2	D	
OEM DHW	78	95	73	107	93	1/2"	0,8

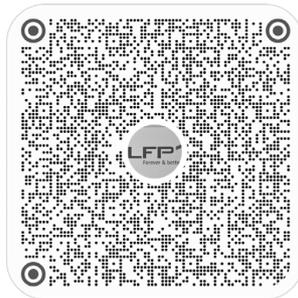
TECHNICAL DATA

Pump type	Rated voltage [V]	P_1 [W]			I_N [A]			Insulation class	Enclosure class
		1	2	3	1	2	3		
OEM DHW	1~230 AC	4	5	8	0,02	0,02	0,03	H	IP 44
OEM DHW	12 DC	4	6	8	0,33	0,50	0,66		

PUMP PERFORMANCE



Add to contact list



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