

Series 100

UP, UPS, UPSD circulator pumps
50/60 Hz



1. Product description

Applications

The Grundfos Series 100 circulator pumps are specifically designed for heating systems. The pumps are also suitable for circulation of domestic hot water and for circulation of liquid in cooling and air-conditioning systems.

Heating systems

For central and district heating systems, use pump type UPS.

The UPS can be operated at three different speeds.

The pumps are used primarily for one- and two-pipe heating systems, but are, for example, also suitable for mixing loops in large systems.

For underfloor heating systems, we recommend using pump type UP(S) N, as the pumped liquid may often become aerated, causing an ordinary cast-iron pump housing to corrode.

Domestic hot-water systems

For circulation in domestic hot-water systems, use pump type GRUNDFOS UP N with stainless-steel pump housing.

The UP N can be connected to an on/off time switch to save energy. The on/off time switch can switch the pump on/off to limit pump operation to periods when hot water is usually required.

Cooling and air-conditioning systems

For cooling and air-conditioning systems, use standard UPS pumps or the special versions, types UPS K and UP KU, depending on type and size. See also [Product range](#) on page 7.

Temperature ranges: -25 to +95 °C
-25 to +110 °C.

These pumps are suitable for circulation of both cold and hot water.

Type key

Example	UP	S	D	40	-50	F
Type range						
S = electric speed control						
Twin-head pump						
Nominal diameter (DN) of suction and discharge ports [mm]						
Maximum head [dm]						
Pipe connection:						
= pipe thread (no letter)						
F = flange						
Pump housing:						
= cast iron (no letter)						
N = stainless steel						
A = pump housing with air separator, upward water flow						
K = cold-water version						
KU = cold-water version (foam-filled terminal box and stator)						

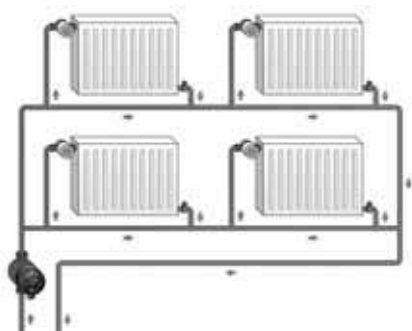


Fig. 1 One-pipe heating system

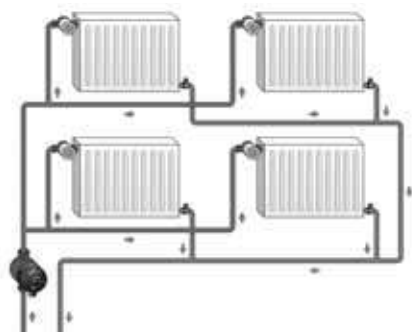


Fig. 2 Two-pipe heating system

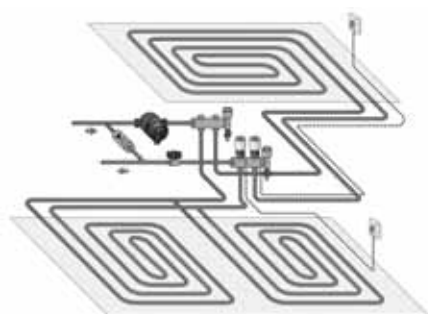
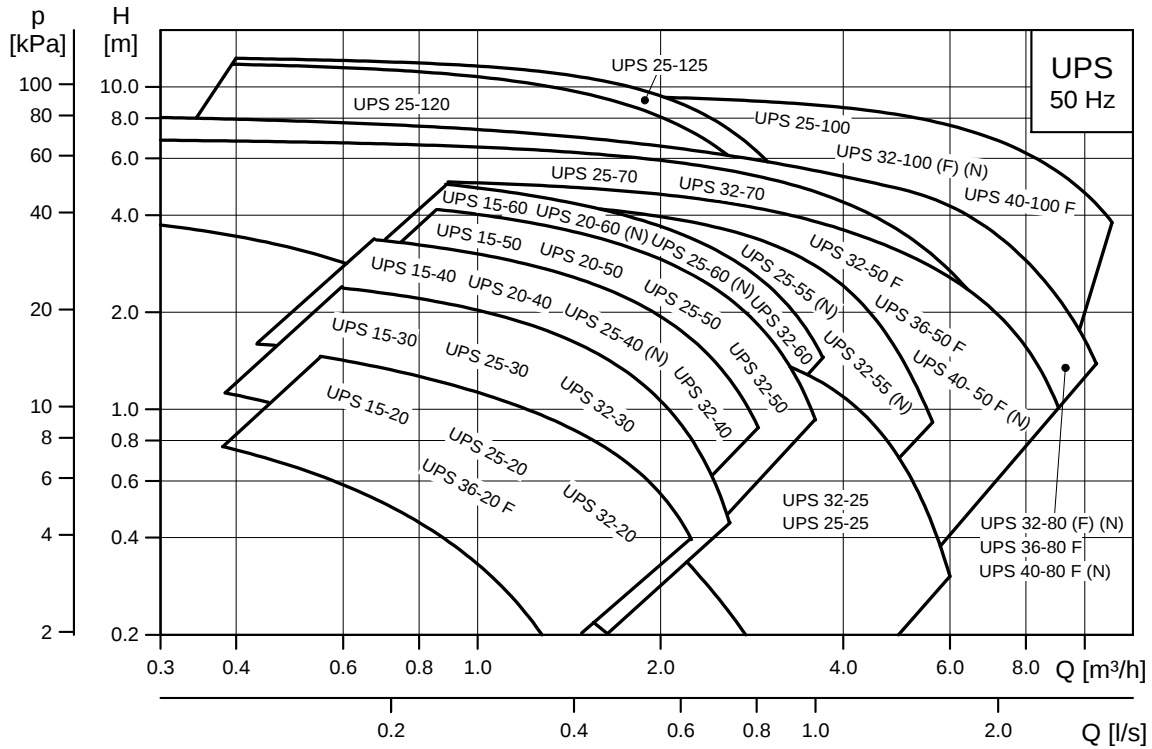
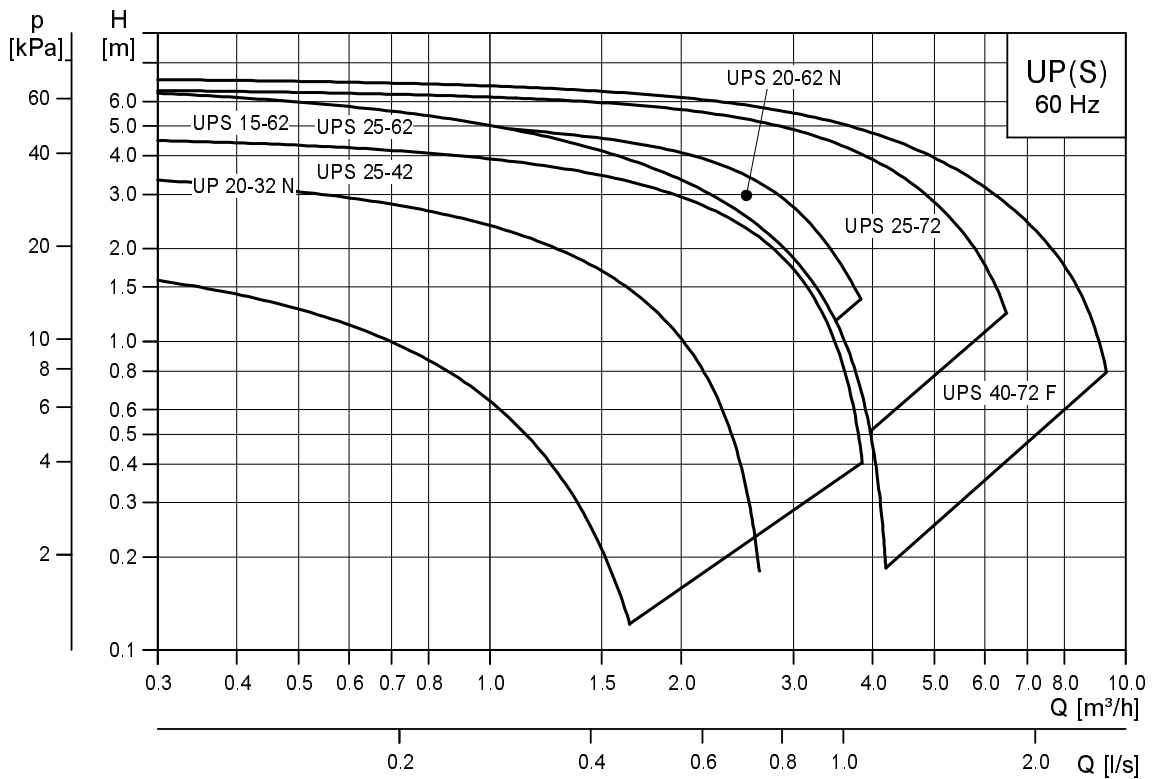


Fig. 3 Underfloor heating system

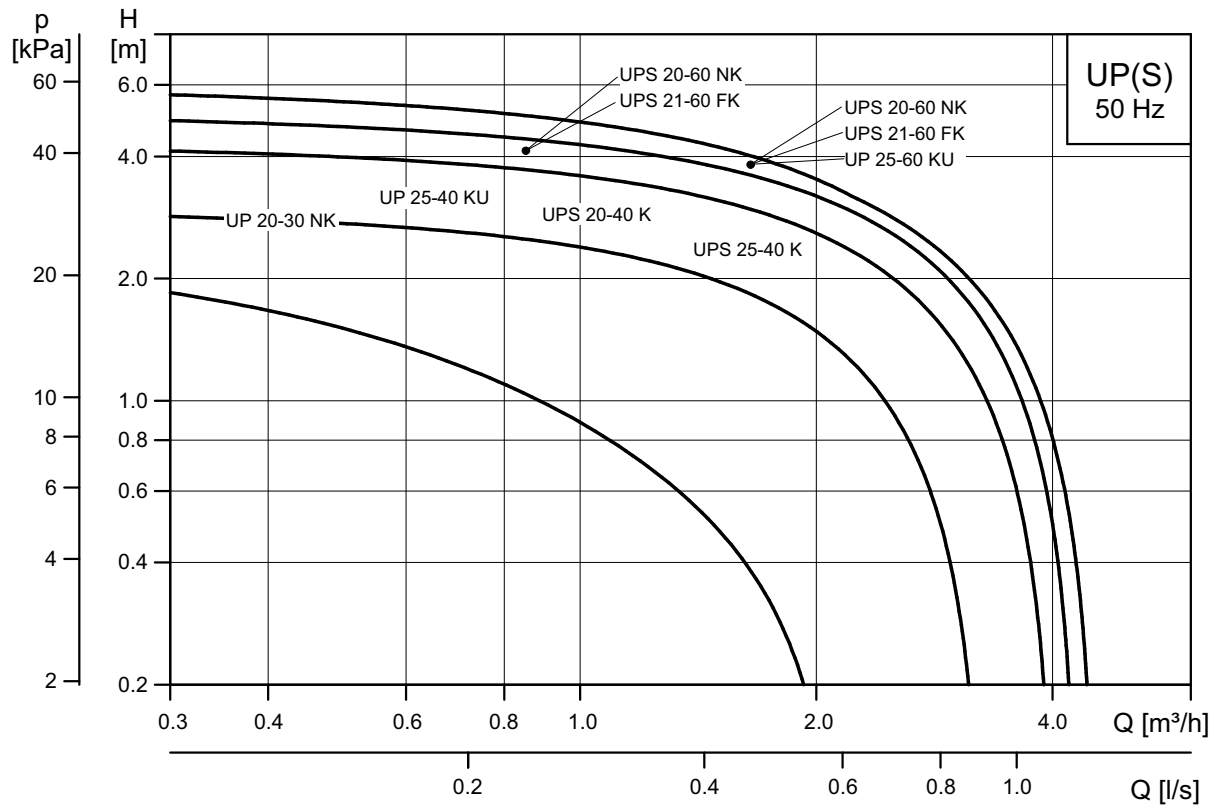
Performance range



TM00 9602 1709



TM04 4621 1809

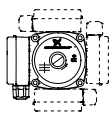
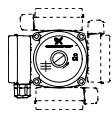
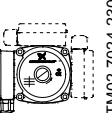
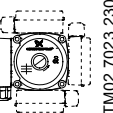
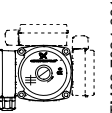


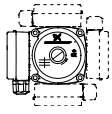
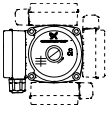
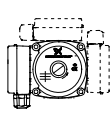
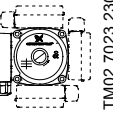
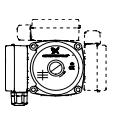
TM06 5180 4015

2. Product range

Circulator pumps for heating systems

The stainless steel circulators are suitable for drinking water only. Therefore, they are out of scope of the EuP requirements and can be sold in the EU after 2013 (these pumps are marked with an *).

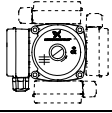
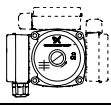
Pump material	Cast iron	Cast iron	Cast iron	Cast iron K-version	Stainless steel	Stainless steel	Stainless steel	
Liquid temperature	+2 to +95 °C	+2 to +110 °C	-25 to +110 °C	-25 to +95 °C	+2 to +110 °C	-25 to +95 °C	-25 to +110 °C	
Terminal box position	 TM02 7023 2303	 TM02 7023 2303	 TM04 2810 3408	 TM02 7024 2303	 TM02 7023 2303	 TM02 7024 3311	 TM04 2810 3408	Data sheet page
UPS, UP, 1 x 230 V, 50 Hz								
UPS 15-20		•						16
UPS 25-20 ★		•						16
UPS 32-20		•						16
UPS 36-20			•					16
UPS 25-25			•					19
UPS 32-25			•					20
UPS 15-30		•						21
UPS 25-30 ★		•						21
UPS 32-30		•						21
UPS 15-40		•						23
UPS 20-40		•		•				23
UPS 25-40 ★		•		•	•*			23
UPS 32-40		•						23
UPS 15-50		•						25
UPS 20-50		•						25
UPS 25-50		•		•				25
UPS 32-50		•						25
UPS 32-50			•					26
UPS 36-50			•					27
UPS 40-50			•				•*	26
UPS 25-55			•				•*	28
UPS 32-55			•				•*	29
UPS 15-60		•						30
UPS 20-60		•						30
UPS 21-40		•						31
UPS 21-50		•						32
UPS 21-60		•		•				33
UPS 25-60 ★		•		•	•*			34
UPS 32-60		•						36
UPS 25-70		•						37
UPS 32-70		•						37
UPS 25-80			•				•*	38
UPS 32-80			•				•*	40
UPS 36-80			•					41
UPS 40-80			•				•*	40
UPS 25-100			•					42
UPS 32-100			•				•*	43
UPS 40-100			•					43
UPS 25-120	•							44
UPS 25-125	•							45
UPS, UP, 3 x 230 V, 50 Hz								
UPS 25-50		•						46
UPS, UP, 3 x 400 V, 50 Hz								
UPS 25-20		•						47
UPS 32-20		•						47
UPS 25-40		•						48
UPS 32-40		•						48
UPS 25-50		•						49
UPS 32-50		•						49
UPS 25-60		•			•*			50
UPS 32-60		•						50
UPS, UP, 1 x 220 V, 60 Hz								

Pump material	Cast iron	Cast iron	Cast iron	Cast iron K-version	Stainless steel	Stainless steel	Stainless steel	
Liquid temperature	+2 to +95 °C	+2 to +110 °C	-25 to +110 °C	-25 to +95 °C	+2 to +110 °C	-25 to +95 °C	-25 to +110 °C	
Terminal box position	 TM02 7023 2303	 TM02 7023 2303	 TM04 2810 3408	 TM02 7024 2303	 TM02 7023 2303	 TM02 7024 3311	 TM04 2810 3408	Data sheet page
UPS 25-42		•						51
UPS 25-62		•		•				52
UPS 25-72		•						53
UPS 40-72			•					54
UPSD twin-head pumps, 1 x 230 V, 50 Hz								
UPSD 32-50			•					55
UPSD 40-50			•					56
UPSD 32-80			•					57
UPSD 40-80			•					58
UPSD 32-100			•					59
UPSD 40-100			•					59

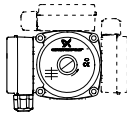
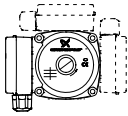
★ On request: Pump housing with air separator, type A.

Circulator pumps for domestic hot-water systems

The stainless steel circulators are suitable for drinking water only. Therefore, they are out of scope of the EuP requirements and can be sold in the EU after 2013 (these pumps are marked with an *).

Pump material	Stainless steel	Stainless steel	Stainless steel	
Liquid temperature	+2 to +110 °C	-25 to +95 °C	-25 to +110 °C	
Terminal box position	 TM02 7023 2303	 TM02 7024 2303	 TM04 2810 3408	Data sheet page
UP, UPS, 1 x 230 V, 50 Hz				
UP 20-07 N	•*			60
UP 20-15 N	•*			61
UP 20-30 N	•*	•*		62
UP 20-45 N			•*	63
UPS 20-60 N	•*		•*	64
UPS, UP, 1 x 240 V, 50 Hz				
UP 20-30 N	•*			65
UPS 20-60 N	•*			66
UPS, UP, 3 x 220 V, 50 Hz				
UP 20-30 N	•*			67
UPS, UP, 3 x 400 V, 50 Hz				
UP 20-15 N	•*			68
UP 20-30 N	•*			69
UPS, UP, 1 x 220 V, 60 Hz				
UP 20-32 N	•*			70
UPS 20-62 N	•*			71

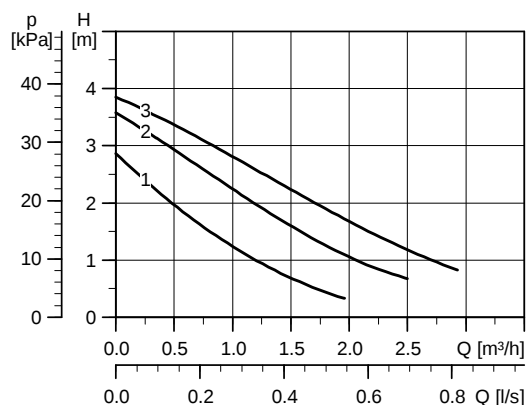
Circulator pumps for cooling and air-conditioning systems

Pump material	Cast iron	Stainless steel	
Liquid temperature	-25 to +95 °C	-25 to +95 °C	
Terminal box position			Data sheet page
UPS, 1 x 230 V, 50 Hz			
UPS 20-30 NK	•	•	72
UPS 20-40 K	•		73
UPS 25-40 K	•		74
UPS 25-50 K	•		75
UPS 21-60 FK	•		77
UPS, 1 x 240 V, 50 Hz			
UPS 20-60 NK	•	•	76
UP, 1 x 230 V, 50 Hz			
UP 25-40 KU	•		78
UP 25-50 KU	•		79
UP 25-60 KU	•		80

Material specification

Pos.	Component	Material	EN	AISI
1	Terminal box	Composite, PPE/PS		
	• Terminal box cover	Composite, PPE/PS		
	• Electric unit (single-phase only)	Composite, PET		
2	Radial bearing	Ceramics		
3	Nameplate	Composite, PA66		
5	Stator housing	Aluminium, AlSi10Cu ₂		
	• Stator winding cap	Composite, PET		
	• Stator windings	Copper		
6	Air vent screw	Brass, nickel-plated, Ms58	2.0401.30	
7, 10	Gaskets	EPDM rubber		
9	Rotor can	Stainless steel	1.4301/1.4521	304
11	Shaft, complete	Ceramics		
		Stainless steel for UPS xx-100	1.4404	316L
12	Thrust bearing	Carbon		
	• Thrust bearing retainer	EPDM rubber		
13	Bearing plate	Stainless steel	1.4301	304
14	Ball (non-return valve)	EPDM rubber		
15	Split cone	Stainless steel	1.4301	304
16	Impeller	Composite, PES/PP 30 % GF		
17	Neck ring	Stainless steel	1.4301	304
18	Pump housing	Cast iron	EN-JL1020 EN-JL1030	A48-25B A48-30B
			1.4301	304
		Stainless steel	1.4308	CF8
19	Stop ring	Composite, PES		
	Non-return valve casing (twin-head pump)	Composite		
	Valve flap (twin-head pump)	EPDM rubber		
20	Intermediate ring	Stainless steel	1.4301	304

UPS 15-40, UPS 20-40, UPS 25-40 (N), UPS 32-40

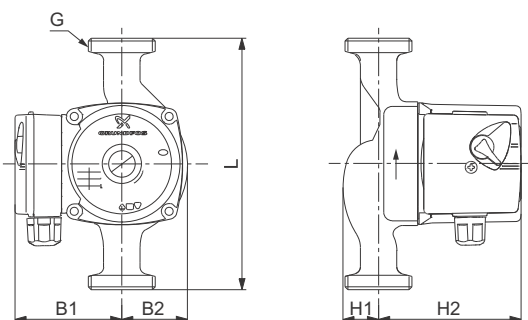


TM00 9749 4708

Electrical data 1 x 230 V, 50 Hz

Speed	P1 [W]	I _{1/1} [A]
3	45	0.20
2	35	0.16
1	25	0.12

Dimensions



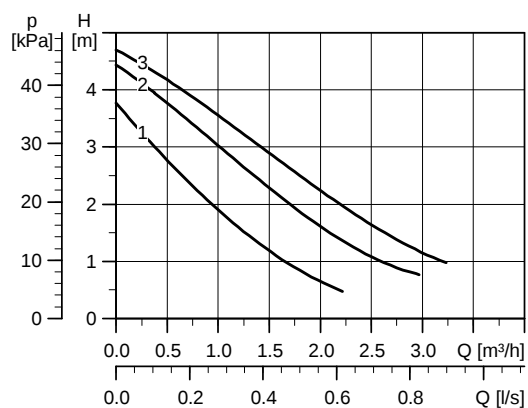
TM00 9386 4512

Connections: See [Pipe connections](#), page 85.
 System pressure: Max. 10 bar
 Liquid temperature: +2 to +110 °C (TF 110)
 Also available with: Stainless-steel pump housing, type N (only UPS 25-40 180)

Pump type	Dimensions [mm]						Weights [kg]		Shipping volume [m³]
	L	H1	H2	B1	B2	G	Net	Gross	
UPS 15-40	130	28	102	75	47	1"	2.3	2.5	0.004
UPS 20-40	130	28	102	75	47	1 1/4"	2.6	2.8	0.004
UPS 25-40	130	32	102	75	47	1 1/2"	2.4	2.6	0.004
UPS 25-40	160	32	102	75	47	1 1/2"	2.5	2.7	0.004
UPS 25-40	180	32	102	75	47	1 1/2"	2.6	2.8	0.004
UPS 25-40 N*	180	32	102	75	51	1 1/2"	2.6	2.8	0.004
UPS 32-40	180	39	102	75	47	2"	2.6	2.8	0.004

* This circulator is suitable for drinking water only.

UPS 15-50 (N), UPS 20-50, UPS 25-50, UPS 32-50

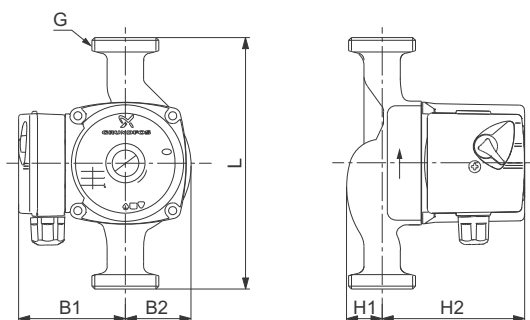


TM00 9750 2105

Electrical data 1 x 230 V, 50 Hz

Speed	P1 [W]	I _{1/1} [A]
3	50	0.23
2	45	0.20
1	35	0.16

Dimensions



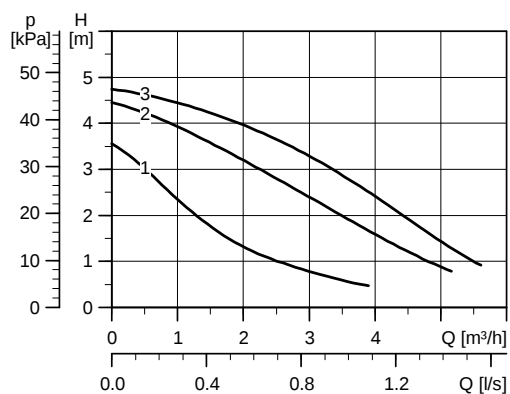
TM00 9386 4512

Connections: See [Pipe connections](#), page 85.
 System pressure: Max. 10 bar
 Liquid temperature: +2 to +110 °C (TF 110)
 Also available with: Stainless-steel pump housing, type N (only UPS 15-50 130)

Pump type	Dimensions [mm]						Weights [kg]		Shipping volume [m³]
	L	H1	H2	B1	B2	G	Net	Gross	
UPS 15-50	130	28	102	75	47	1"	2.4	2.5	0.004
UPS 15-50 N*	130	28	102	75	51	1"	1.9	2.4	0.004
UPS 20-50	130	28	102	75	47	1 1/4"	2.6	2.8	0.004
UPS 25-50	130	32	102	75	47	1 1/2"	2.4	2.6	0.004
UPS 25-50	160	32	102	75	47	1 1/2"	2.5	2.7	0.004
UPS 25-50	180	32	102	75	47	1 1/2"	2.6	2.8	0.004
UPS 32-50	180	39	102	75	47	2"	2.6	2.8	0.004

* This circulator is suitable for drinking water only.

UPS 25-55 (N)

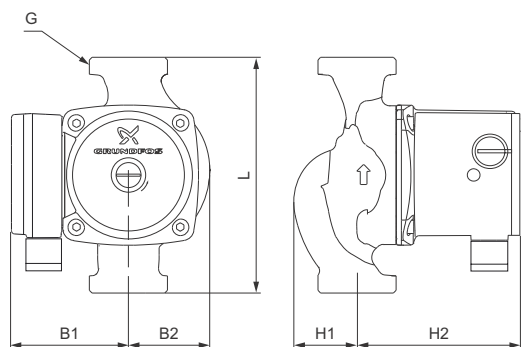


TM04 3751 2409

Electrical data 1 x 230 V, 50 Hz

Speed	P1 [W]	I _{1/1} [A]
3	85	0.38
2	80	0.36
1	65	0.30

Dimensions



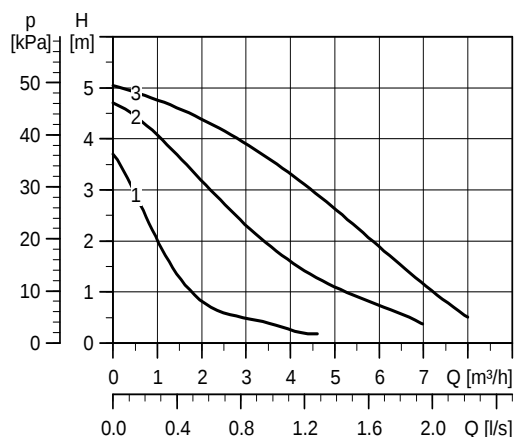
TM06 5360 4515

Connections: See [Pipe connections](#), page 85.
 System pressure: Max. 10 bar
 Liquid temperature: -25 to +110 °C (TF 110)
 Also available with: Stainless-steel pump housing, type N
 (only UPS 25-55 180)

Pump type	Dimensions [mm]						Weights [kg]		Shipping volume [m³]
	L	H1	H2	B1	B2	G	Net	Gross	
UPS 25-55 (N)*	180	46	121	82	62	1 1/2"	4.7	5.4	0.008

* N-version: This circulator is suitable for drinking water only.

UPS 32-55 (N)

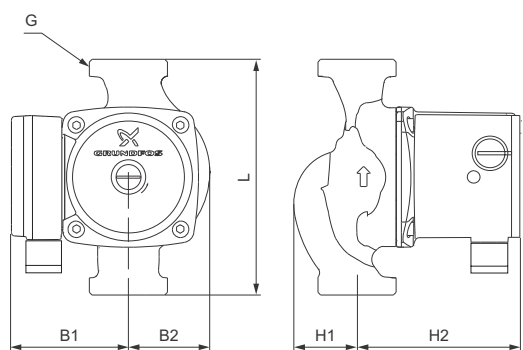


TM04 3760 2409

Electrical data 1 x 230 V, 50 Hz

Speed	P1 [W]	I _{1/1} [A]
3	105	0.46
2	100	0.44
1	75	0.32

Dimensions



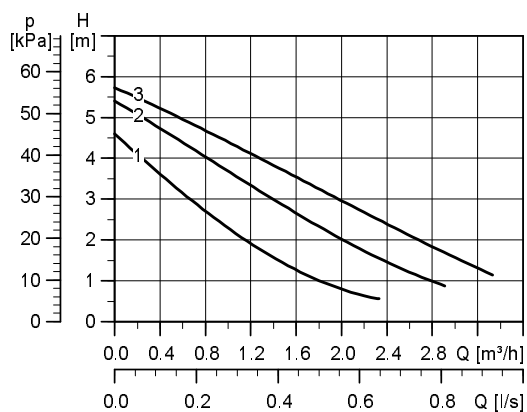
TM06 5360 4515

Connections: See [Pipe connections](#), page 85.
 System pressure: Max. 10 bar
 Liquid temperature: -25 to +110 °C (TF 110)
 Also available with: Stainless-steel pump housing, type N (only UPS 32-55 180)

Pump type	Dimensions [mm]						Weights [kg]		Shipping volume [m³]
	L	H1	H2	B1	B2	G	Net	Gross	
UPS 32-55	180	48	121	82	62	2"	4.6	4.9	0.008
UPS 32-55 N*	180	48	121	82	62	2"	4.9	5.4	0.008

* This circulator is suitable for drinking water only.

UPS 15-60, UPS 20-60 (N)

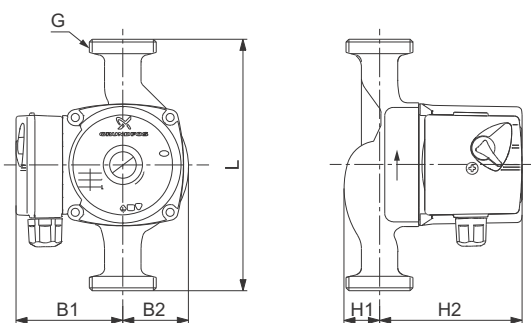


TM04 3760 2409

Electrical data 1 x 230 V, 50 Hz

Speed	P1 [W]	I _{1/I} [A]
3	105	0.46
2	100	0.44
1	65	0.32

Dimensions

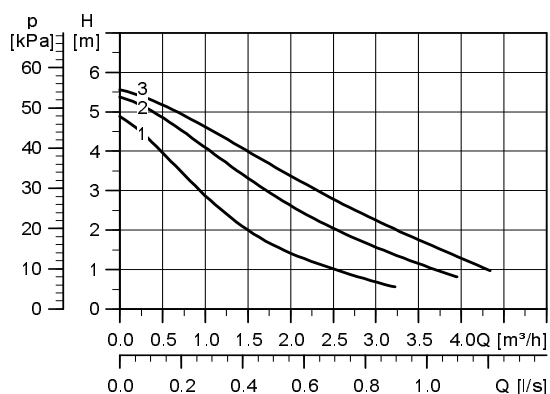


TM00 9386 4512

Connections: See [Pipe connections](#), page 85.
 System pressure: Max. 10 bar
 Liquid temperature: +2 to +110 °C (TF 110)
 Also available with: Stainless-steel pump housing, type N
 (only UPS 20-60 130)

Pump type	Dimensions [mm]						Weights [kg]		Shipping volume [m³]
	L	H1	H2	B1	B2	G	Net	Gross	
UPS 15-60	130	28	102	75	47	1"	2.3	2.5	0.004
UPS 20-60	130	28	102	75	47	1 1/4"	2.4	2.6	0.004

UPS 25-60 (N)

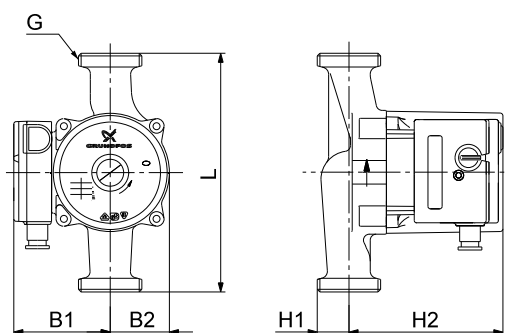


TM04 5012 2409

Electrical data 1 x 230 V, 50 Hz

Speed	P1 [W]	I _{1/1} [A]
3	60	0.28
2	55	0.25
1	50	0.21

Dimensions



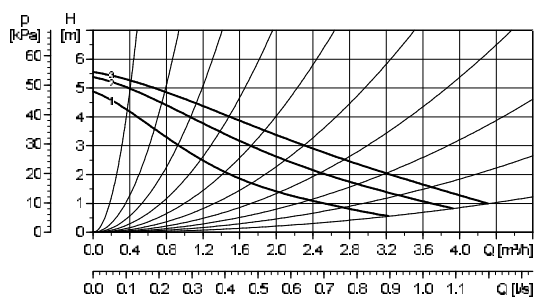
TM00 8945 2105

Connections: See [Pipe connections](#), page 85.
 System pressure: Max. 10 bar
 Liquid temperature: +2 to +110 °C (TF 110)
 Also available with: Stainless-steel pump housing, type N (only UPS 25-60 180)

Pump type	Dimensions [mm]						Weights [kg]		Shipping volume [m³]
	L	H1	H2	B1	B2	G	Net	Gross	
UPS 25-60	130	32	102	75	47	1 1/2"	2.4	2.6	0.004
UPS 25-60	180	38	96	75	50	1 1/2"	2.6	2.8	0.004
UPS 25-60 N*	180	39	96	75	51	1 1/2"	2.0	3.0	0.004

* This circulator is suitable for drinking water only.

UPS 32-60

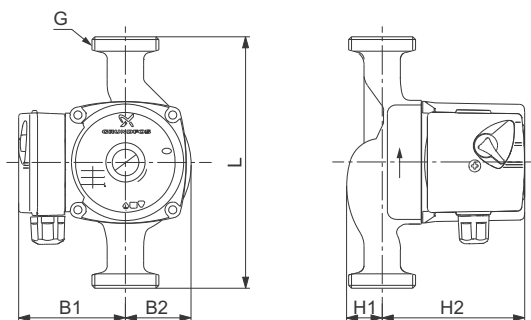


TM04 3589 4608

Electrical data 1 x 230 V, 50 Hz

Speed	P1 [W]	I _{1/1} [A]
3	60	0.28
2	55	0.25
1	50	0.21

Dimensions

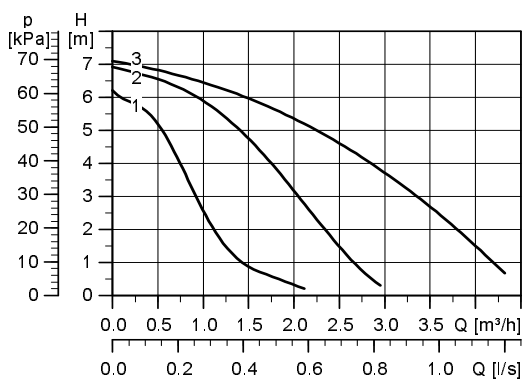


TM00 9386 4512

Connections: See [Pipe connections](#), page 85.
 System pressure: Max. 10 bar
 Liquid temperature: +2 to +110 °C (TF 110)

Pump type	Dimensions [mm]						Weights [kg]		Shipping volume [m ³]
	L	H1	H2	B1	B2	G	Net	Gross	
UPS 32-60	180	38	96	75	50	2"	2.6	2.8	0.004

UPS 25-70, UPS 32-70

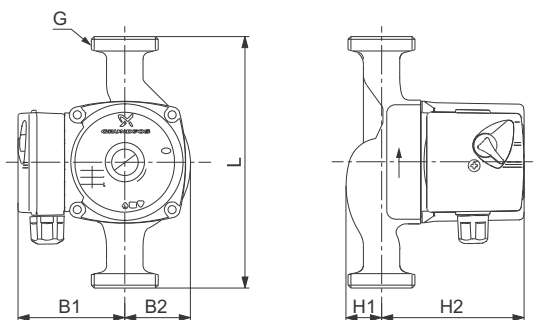


TM04 5007 2409

Electrical data 1 x 230 V, 50 Hz

Speed	P1 [W]	I _{1/1} [A]
3	140	0.62
2	120	0.56
1	95	0.45

Dimensions

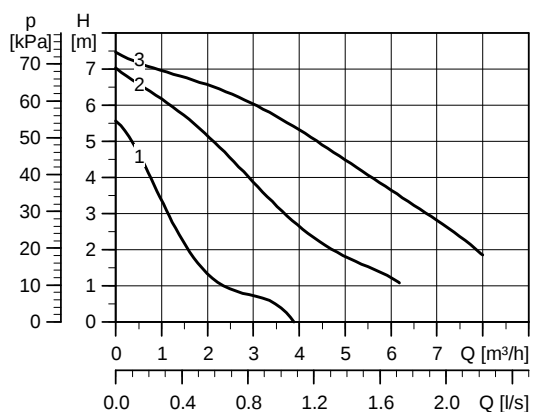


TM00 9386 4512

Connections: See [Pipe connections](#), page 85.
 System pressure: Max. 10 bar
 Liquid temperature: +2 to +95 °C (TF 95)

Pump type	Dimensions [mm]						Weights [kg]		Shipping volume [m³]
	L	H1	H2	B1	B2	G	Net	Gross	
UPS 25-70	130	32	102	75	47	1 1/2"	2.4	2.6	0.004
UPS 25-70	180	32	102	75	47	1 1/2"	2.4	2.6	0.004
UPS 32-70	180	32	102	75	47	2"	2.6	2.8	0.004

UPS 25-80 (N)

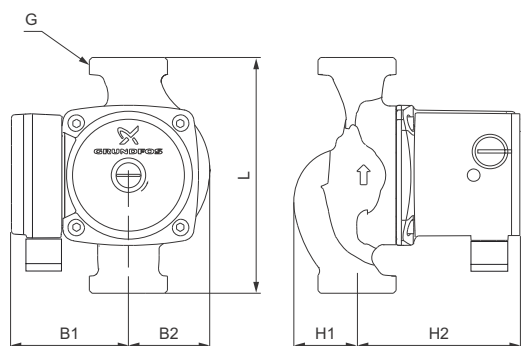


TM04 3754 2409

Electrical data 1 x 230 V, 50 Hz

Speed	P1 [W]	I _{1/1} [A]
3	165	0.70
2	155	0.70
1	110	0.50

Dimensions



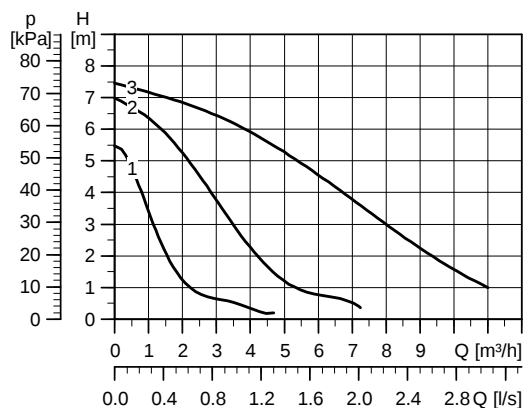
TM06 5360 4515

Connections: See [Pipe connections](#), page 85.
 System pressure: Max. 10 bar
 Liquid temperature: -25 to +110 °C (TF 110)
 Also available with: Stainless-steel pump housing, type N (only UPS 25-80 180)

Pump type	Dimensions [mm]						Weights [kg]		Shipping volume [m³]
	L	H1	H2	B1	B2	G	Net	Gross	
UPS 25-80 (N)*	180	46	121	82	62	1 1/2"	4.4	5.2	0.008

* N-version: This circulator is suitable for drinking water only.

UPS 32-80 (N)

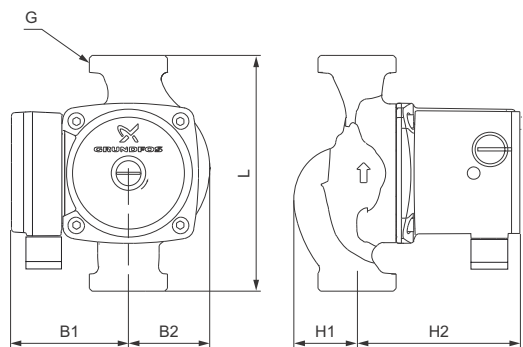


TM04 3761 2409

Electrical data 1 x 230 V, 50 Hz

Speed	P1 [W]	I _{1/1} [A]
3	220	0.98
2	200	0.90
1	135	0.60

Dimensions



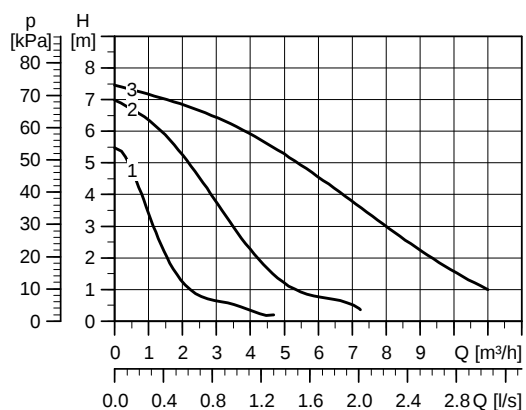
TM06 5360 4515

Connections: See [Pipe connections](#), page 85.
 System pressure: Max. 10 bar
 Liquid temperature: -25 to +110 °C (TF 110)
 Also available with: Stainless-steel pump housing, type N (only UPS 32-80 180)

Pump type	Dimensions [mm]						Weights [kg]		Shipping volume [m³]
	L	H1	H2	B1	B2	G	Net	Gross	
UPS 32-80	180	48	121	82	62	2"	4.6	5.0	0.008
UPS 32-80 N*	180	48	121	82	62	2"	4.9	5.2	0.008

* This circulator is suitable for drinking water only.

UPS 36-80 F

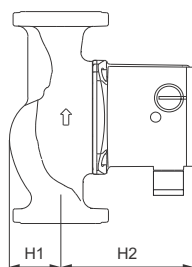
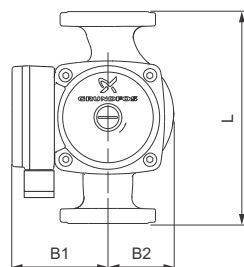
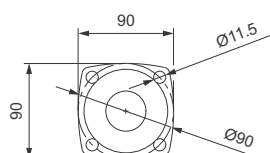


TM04 3761 2409

Electrical data 1 x 230 V, 50 Hz

Speed	P1 [W]	I _{1/1} [A]
3	220	0.98
2	200	0.90
1	135	0.60

Dimensions

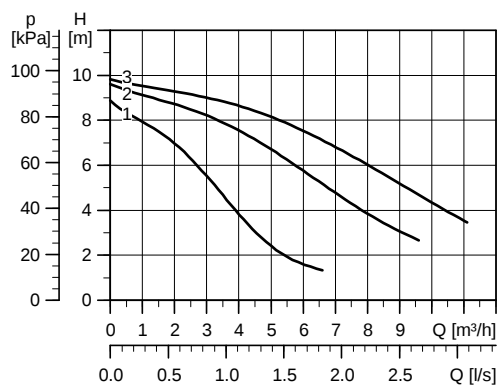


TM06 5382 4515

Connections: See [Pipe connections](#), page 85.
 System pressure: Max. 10 bar
 Liquid temperature: -25 to +110 °C (TF 110)

Pump type	Dimensions [mm]					G	Weights [kg]		Shipping volume [m³]
	L	H1	H2	B1	B2		Net	Gross	
UPS 36-80 F	200	48	125	85	62	-	5.7	6.1	0.010

UPS 25-100, UPS 32-100 (N)



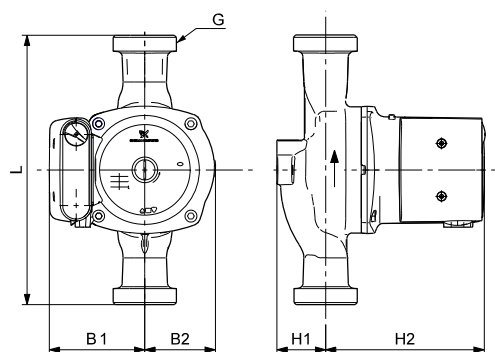
TM04 3614 4708

Electrical data 1 x 230 V, 50 Hz

Speed	P1 [W]	I _{1/1} [A]
3	345	1.52
2	340	1.50
1	280	1.30

The pump has a built-in thermal switch and requires no additional motor protection.

Dimensions



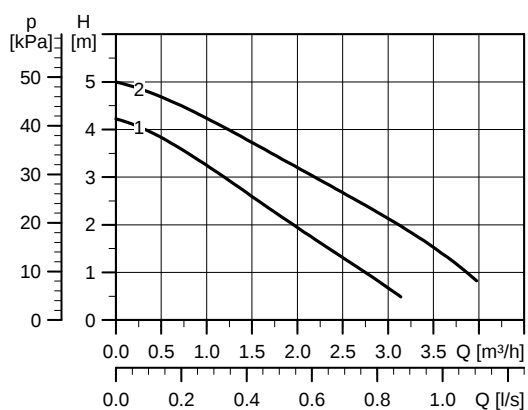
TM04 2809 4512

Connections: See [Pipe connections](#), page 85.
 System pressure: Max. 10 bar
 Liquid temperature: -25 to +110 °C (TF 110)
 Also available with: Stainless-steel pump housing, type N (only UPS 32-100 180)

Pump type	Dimensions [mm]						Weights [kg]		Shipping volume [m³]
	L	H1	H2	B1	B2	G	Net	Gross	
UPS 25-100	180	47	150	90	68	1 1/2"	6.3	6.9	0.012
UPS 32-100 (N)*	180	47	150	90	68	2"	6.4	7.0	0.012

* N-version: This circulator is suitable for drinking water only.

UPS 25-50

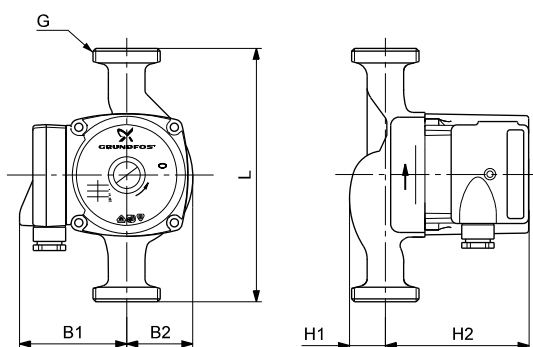


TM05 1719 3611

Electrical data 3 x 230 V, 50 Hz

Speed	P1 [W]	I _{1/1} [A]
2	110	0.37
1	115	0.37

Dimensions

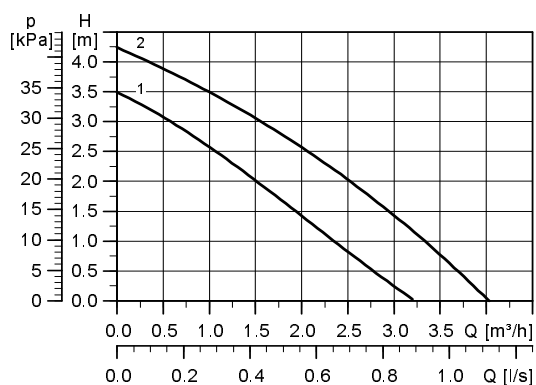


TM00 8960 4512

Connections: See [Pipe connections](#), page 85.
 System pressure: Max. 10 bar
 Liquid temperature: +2 to +110 °C (TF 110)

Pump type	Dimensions [mm]						Weights [kg]		Shipping volume [m³]
	L	H1	H2	B1	B2	G	Net	Gross	
UPS 25-50	180	32	102	75	47	1 1/2"	2.6	2.8	0.004

UPS 25-40, UPS 32-40

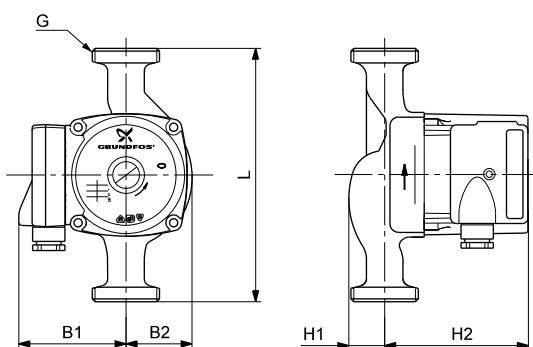


TM04 5010 2409

Electrical data 3 x 400 V, 50 Hz

Speed	P1 [W]	I _{1/1} [A]
2	95	0.18
1	110	0.20

Dimensions



TM00 8960 4512

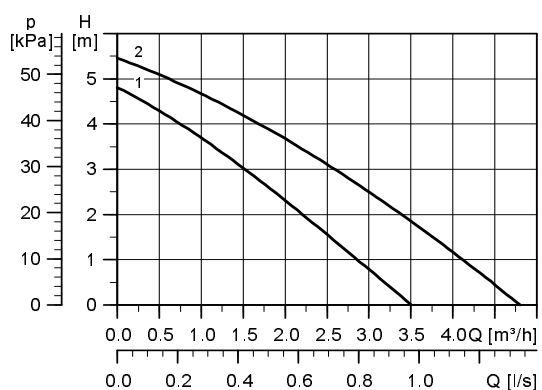
Connections: See [Pipe connections](#), page 85.

System pressure: Max. 10 bar

Liquid temperature: +2 to +110 °C (TF 110)

Pump type	Dimensions [mm]						Weights [kg]		Shipping volume [m³]
	L	H1	H2	B1	B2	G	Net	Gross	
UPS 25-40	130	32	102	73	47	1 1/2"	2.5	2.7	0.004
UPS 25-40	180	32	102	73	47	1 1/2"	2.5	2.7	0.004
UPS 32-40	180	39	102	73	47	2"	2.6	2.8	0.004

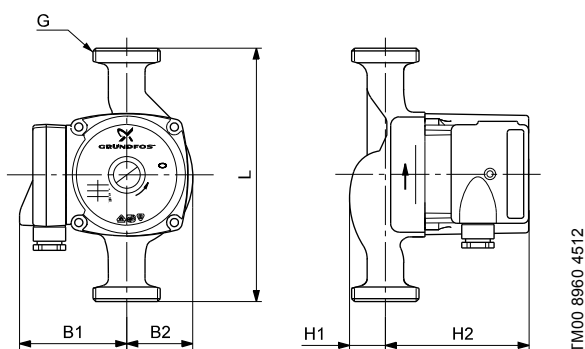
UPS 25-50, UPS 32-50



Electrical data 3 x 400 V, 50 Hz

Speed	P ₁ [W]	I _{1/1} [A]
2	115	0.20
1	130	0.22

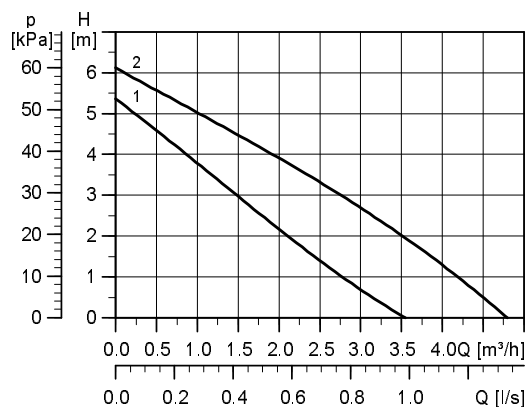
Dimensions



Connections: See [Pipe connections](#), page 85.
 System pressure: Max. 10 bar
 Liquid temperature: +2 to +110 °C (TF 110)

Pump type	Dimensions [mm]						Weights [kg]		Shipping volume [m³]
	L	H1	H2	B1	B2	G	Net	Gross	
UPS 25-50	180	32	102	73	47	1 1/2"	2.5	2.7	0.004
UPS 32-50	180	39	102	73	47	2"	2.6	2.8	0.004

UPS 25-60 (N), UPS 32-60

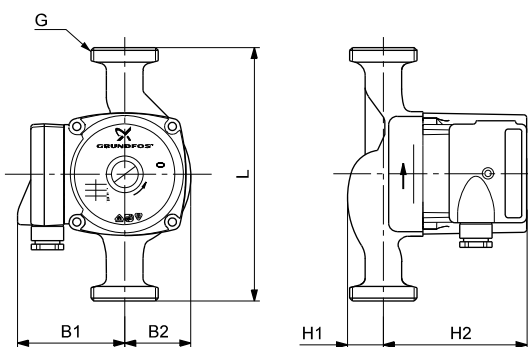


TM04 8116 3110

Electrical data 3 x 400 V, 50 Hz

Speed	P1 [W]	I _{1/1} [A]
2	130	0.21
1	140	0.24

Dimensions



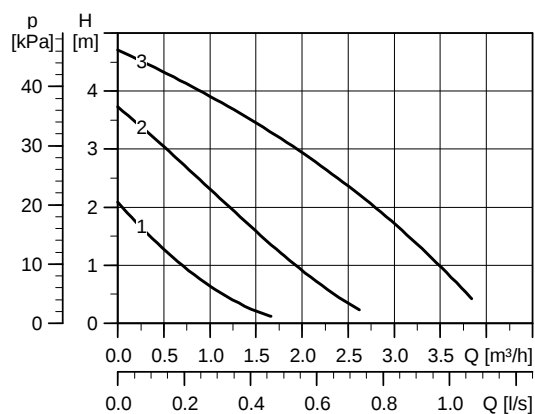
TM00 8960 4512

Connections: See [Pipe connections](#), page 85.
 System pressure: Max. 10 bar
 Liquid temperature: +2 to +110 °C (TF 110)
 Also available with: Stainless-steel pump housing, type N (only UPS 25-60 180)

Pump type	Dimensions [mm]						Weights [kg]		Shipping volume [m³]
	L	H1	H2	B1	B2	G	Net	Gross	
UPS 25-60	180	32	102	73	47	1 1/2"	2.5	2.7	0.004
UPS 25-60 N*	180	32	102	73	51	1 1/2"	2.5	2.7	0.004
UPS 32-60	180	39	102	73	47	2"	2.6	2.8	0.004

* This circulator is suitable for drinking water only.

UPS 25-42



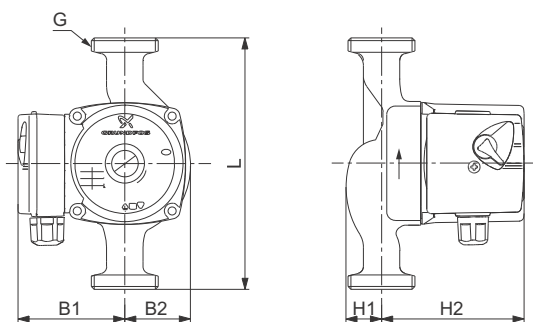
TM01 0152 4708

Electrical data 1 x 220 V, 60 Hz

Speed	P1 [W]	I _{1/1} [A]
3	85	0.40
2	50	0.26
1	30	0.15

The pump has a built-in thermal switch and requires no additional motor protection.

Dimensions



TM00 9386 4512

Connections: See [Pipe connections](#), page 85.
 System pressure: Max. 10 bar
 Liquid temperature: +2 to +110 °C (TF 110)

Pump type	Dimensions [mm]						Weights [kg]		Shipping volume [m³]
	L	H1	H2	B1	B2	G	Net	Gross	
UPS 25-42	180	32	102	75	47	1 1/2"	2.6	2.8	0.004