

# DOMESTIC PRODUCTS 2025







**DUCA®**

# Reliable and Efficient Domestic Solutions

DUCA specializes in providing high-performance, durable, and energy-efficient pump solutions for heating and water circulation systems.

Our domestic pump range is designed to ensure optimal efficiency and reliability in residential and small-scale applications. With a strong focus on quality and innovation, DUCA pumps offer long-lasting performance while adapting seamlessly to various system requirements.

This catalog presents our comprehensive range of domestic pumps, along with their technical specifications and key features.

MADE IN  
TURKIYE

DUCA®



\*Master

230-  
240V  
TF110  
IP42  
Class F  
50/60Hz  
0.3Mpa

	Min	Max	Min	Max
Flow	1.4	30	0.30	2.2
Pressure	4.2	25	0.30	2.5

AUTO  
DUCA  
MASTER 25-40



## TECHNICAL DATA SHEET

# MASTER

### Application

For domestic hot water system such as mix water underfloor heating system, air energy hot water circulation system, solar hot water circulation system and family hot, cold water pressurization circulation, etc.



4-6M EEI ≤ 0.20, 8M EEI ≤ 0.21

iPWM **ErP** READY

### Main features

- 4-6M EEI ≤ 0.20, 8M EEI ≤ 0.21
- Intelligent frequency control
- Compact size, easy for installation
- Proportional pressure mode
- Constant pressure mode
- Constant speed mode
- AUTO adapt mode
- PWM external control optional
- Visualized operation
- Low noise, low temperature

### Working condition

- Liquid temperature: 2°C ~ 110°C
- Ambient temperature: 0°C ~ +40°C
- Max system pressure: 10bar
- Protection level: IP42
- Rated voltage/frequency: 220V ~ 240V/50Hz
- Insulation class: E
- Pumped liquid characteristics: clean liquid, free from solids and mineral oils, non-toxic, chemically neutral, close to the characteristics of water
- Installation: the motor shaft must be kept in horizontal direction

### Functions for different model

Model	Internal control			External control
	PP	CP	CS	PWM
MASTER XX - X - XXX	I	I	I	PWM1
	II	II	II	
	III	III	III	
	AUTO	/	/	
MASTER XX - X - XXX PWM1	/	/	III	PWM1
MASTER XX - X - XXX PWM2	/	/	III	PWM2

# MASTER

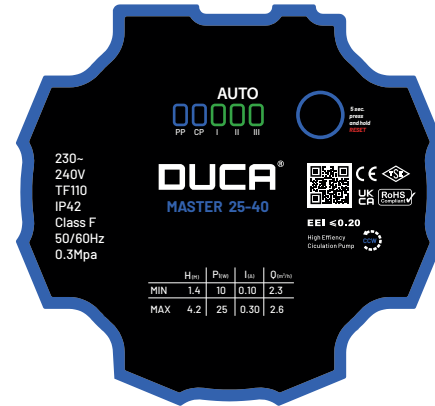
## 15,25,32 - 4



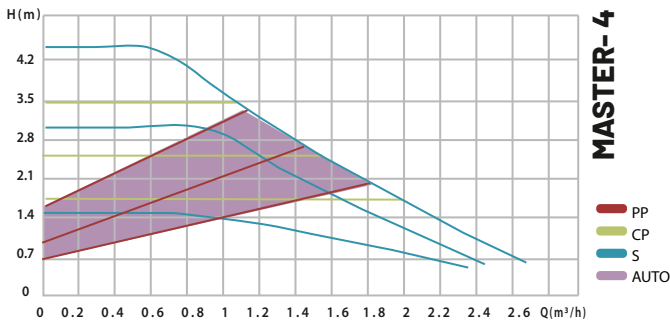
**Max. Flow Rate**  
2.6 m<sup>3</sup>/h

**Max. Head**  
4m

### Nameplate



### Performance Curve



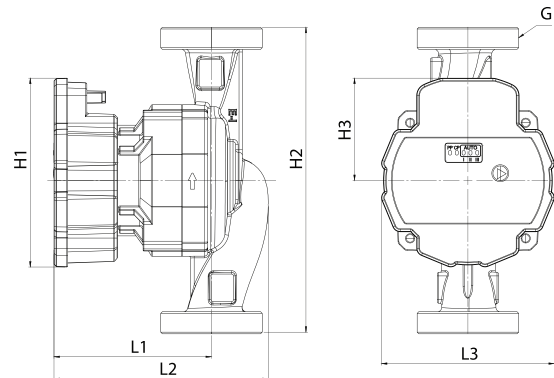
EEI ≤ 0.20

**iPWM**

**ErP**  
READY

**CE** RoHS  
Compliant

### Dimensions



**L1** 193 mm

**L2** 126 mm

**L3** 99 mm

**H1** 110 mm

**H2** 130/180 mm

**H3** 60 mm

### Different models

Model	Min/Max Temp (°C)	L (mm)	DN	P1 Max	Voltage (V)	Rated Current (A)	Union
15-4-130	-10 to +110	130	15mm G1	25	1x230	0,3	G1 to G3/4
25-4-130	-10 to +110	130	25mm G1½	25	1x230	0,3	G1½ to G1
25-4-180	-10 to +110	180	25mm G1½	25	1x230	0,3	G1½ to G1

## MASTER 15,25,32 - 6



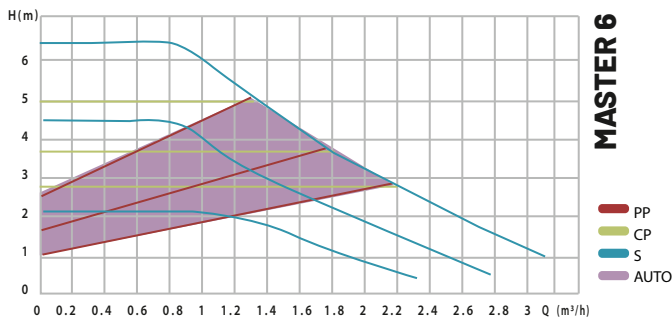
**Max. Flow Rate**  
3,2 m³/h

**Max. Head**  
6m

### Nameplate



### Performance Curve



EEI ≤ 0.20

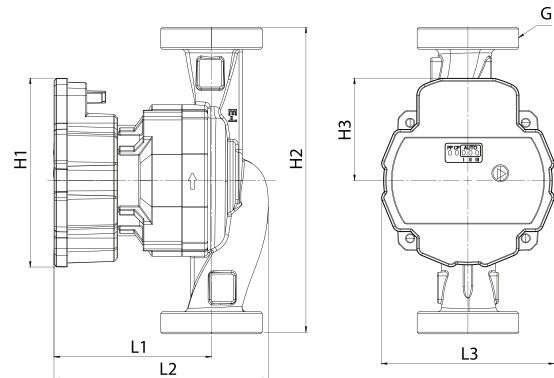
iPWM

ErP  
READY

CE RoHS  
Compliant

### Different models

### Dimensions



**L1** 193 mm

**L2** 126 mm

**L3** 99 mm

**H1** 110 mm

**H2** 130/180 mm

**H3** 60 mm

Model	Min/Max Temp (°C)	L (mm) H2	DN G	P1 Max	Voltage (V)	Rated Current (A)	Union
15-6-130	-10 to +110	130	15mm G1	40	1x230	0,5	G1 to G3/4
25-6-130	-10 to +110	130	25mm G1½	40	1x230	0,5	G1½ to G1
25-6-180	-10 to +110	180	25mm G1½	40	1x230	0,5	G1½ to G1
32-6-180	-10 to +110	180	32mm G2	40	1x230	0,5	G2 to G1¼

# MASTER

## 15,25,32 - 8



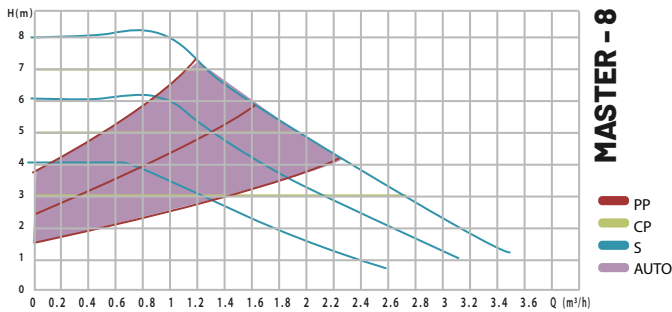
**Max. Flow Rate**  
3,5 m<sup>3</sup>/h

**Max. Head**  
8m

### Nameplate



### Performance Curve



EEI ≤ 0.21

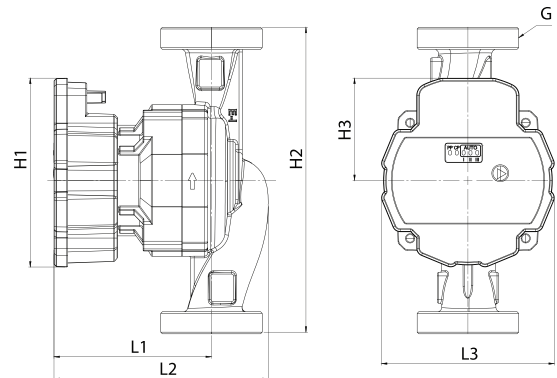
iPWM

ErP  
READY

CE RoHS  
Compliant

### Different models

### Dimensions



**L1** 193 mm

**L2** 126 mm

**L3** 99 mm

**H1** 110 mm

**H2** 130/180 mm

**H3** 60 mm

Model	Min/Max Temp (°C)	L (mm) H2	DN G	P1 Max	Voltage (V)	Rated Current (A)	Union
15-8-130	-10 to +110	130	15mm G1	65	1x230	0,65	G1 to G3/4
25-8-130	-10 to +110	130	25mm G1½	65	1x230	0,65	G1½ to G1
25-8-180	-10 to +110	180	25mm G1½	65	1x230	0,65	G1½ to G1
32-8-180	-10 to +110	180	32 mm G2	65	1x230	0,65	G2 to G1¼



## MASTER SOLAR 15,25,32 - 8



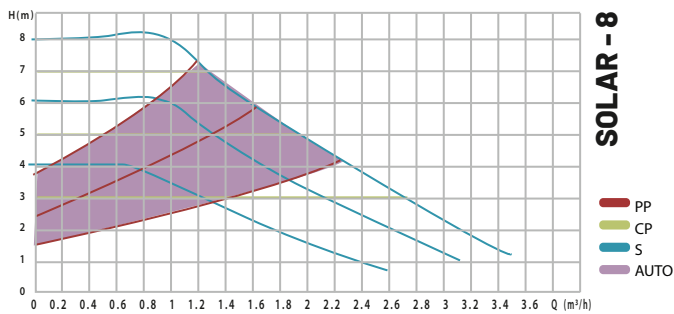
**Max. Flow Rate**  
3,5 m³/h

**Max. Head**  
8m

### Nameplate



### Performance Curve



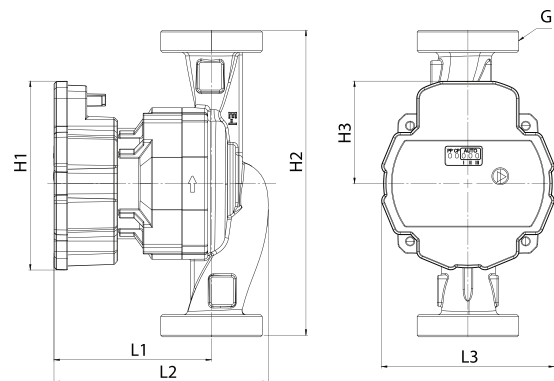
EEI ≤ 0.23

**iPWM**

**ErP**  
READY

**CE** RoHS  
Compliant

### Dimensions



**L1** 193 mm

**L2** 126 mm

**L3** 99 mm

**H1** 110 mm

**H2** 130/180 mm

**H3** 60 mm

### Different models

Model	Min/Max Temp (°C)	L (mm) H2	DN G	P1 Max	Voltage (V)	Rated Current (A)	Union
15-8-130	-10 to +110	130	15mm G1	65	1x230	0,65	G1 to G3/4
25-8-130	-10 to +110	130	25mm G1½	65	1x230	0,65	G1½ to G1
25-8-180	-10 to +110	180	25mm G1½	65	1x230	0,65	G1½ to G1
32-8-180	-10 to +110	180	32 mm G2	65	1x230	0,65	G2 to G1¼

**DUCA®**



\*Cosmo

## COSMO

### Application

For domestic hot water system such as mix water underfloor heating system, air energy hot water circulation system, solar hot water circulation system and family hot, cold water pressurization circulation, etc.

### CAST IRON



### BRASS



EEI ≤ 0.23

iPWM **ErP**  
READY

## HIGH FLOW

### Main features

- EEI ≤ 0.23
- Permanent magnet plastic injection motor, intelligent frequency control
- Compact size, easy for installation
- Proportional pressure mode
- Constant pressure mode
- Constant speed mode
- AUTO adapt mode
- Night-setback mode
- Actual power display
- Low noise, low temperature

### Working condition

- Liquid temperature: 2°C ~ 110°C
- Ambient temperature: 0°C ~ +40°C
- Max system pressure: 10bar
- Protection level: IP42
- Rated voltage/frequency: 220V ~ 240V 50/60Hz
- Insulation class: F
- Pumped liquid characteristics: clean liquid, free from solids and mineral oils, non-toxic, chemically neutral, close to the characteristics of water
- Installation: the motor shaft must be kept in horizontal direction

### Functions for different model

Model	Internal control			External control
	PP	CP	CS	PWM
COSMO 32/25-8-180	I, II, III	I, II, III	I, II, III	AUTO
COSMO 32/25-10-180	I, II, III	I, II, III	I, II, III	
COSMO 32/25-12-180	I, II, III	I, II, III	I, II, III	

# COSMO

## 25/32-8-130/180



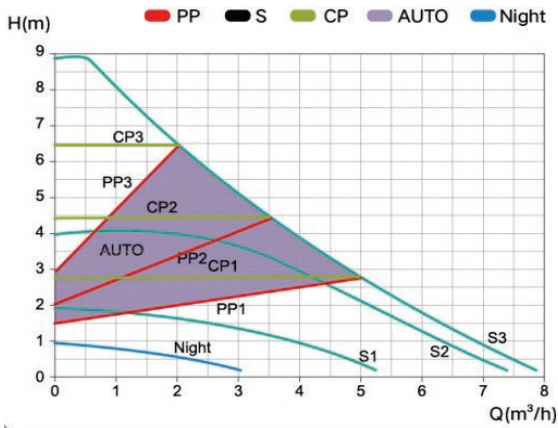
**Max. Flow Rate**  
8 m<sup>3</sup>/h

**Max. Head**  
8 m

### Nameplate

<b>DUCA®</b> COSMO-C 25-8-180				
Serial No.	Class F	220-240V	 SCAN ME	
	TF110	50/60Hz		
	IP42	1.0MPa		
	H(m)	P <sub>(W)</sub>	I(A)	Q (m <sup>3</sup> /h)
MIN	-	7	0.10	-
MAX	8	80	0.72	8
ErP READY		ecodesign	MADE IN TÜRKİYE	
EEI ≤ 0.23 High Efficiency Circulation Pump		Turkey		 
2 YEARS WARRANTY				

### Performance Curve

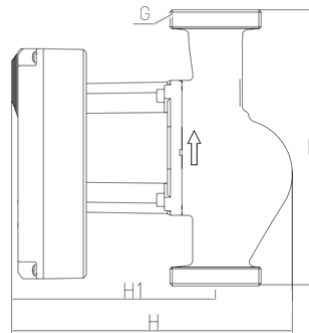


EEI ≤ 0.23

IPWM



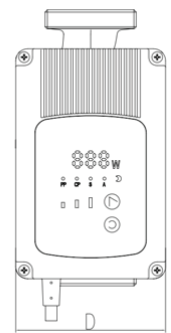
### Dimension



**H** 184 mm

**H1** 133 mm

**L** 180 mm



**D** 97 mm

### Model Information

Model	Min/Max Temp (°C)	L (mm)	DN	P1 Max	Voltage (V)	Rated Current (A)	Union (G)
COSMO 25-8-130	2 to +110	130	DN25	80W	230	0.1-0.72	G1" 1/2
COSMO 32-8-180	2 to +110	180	DN32	80W	230	0.1-0.72	2"
COSMO 32-8-180	2 to +110	180	DN32	80W	230	0.1-0.72	2"

## COSMO 25/32-10-180




Max. Flow Rate

9 m<sup>3</sup>/h

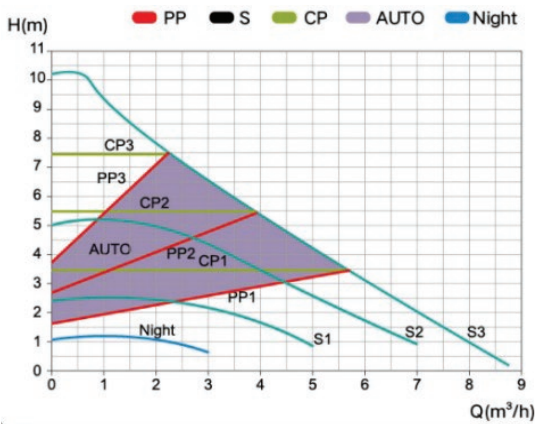
Max. Head

10 m

### Nameplate

<b>DUCA®</b> COSMO-C 25-10-180				
Serial No.				
Class F	220-240V			
TF110	50/60Hz			SCAN ME
IP42	1.0MPa			
	H(m)	P <sub>1</sub> (W)	I <sub>(A)</sub>	Q(m <sup>3</sup> /h)
MIN	-	7	0.10	-
MAX	10	120	1.08	9
ErP READY		eco DESIGN		MADE IN TÜRKİYE
EEI ≤ 0.23 High Efficiency Circulation Pump			Turkey	
				

### Performance Curve



EEI ≤ 0.23

iPWM

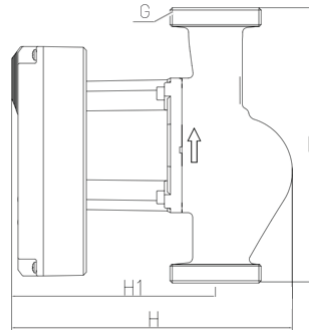
ErP  
READY

CE RoHS  
Compliant

UK  
CA

TSE

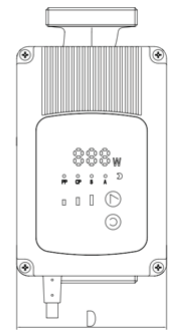
### Dimension



H 184 mm

H1 133 mm

L 180 mm



D 97 mm

### Model Information

Model	Min/Max Temp (°C)	L (mm)	DN	P1 Max	Voltage (V)	Rated Current (A)	Union (G)
COSMO 25-10-180	2 to +110	180	DN25	120W	230	0.1-1.08	G1" 1/2
COSMO 32-10-180	2 to +110	180	DN32	120W	230	0.1-1.08	2"

# COSMO

## 25/32-12-180



Max. Flow Rate

10 m<sup>3</sup>/h

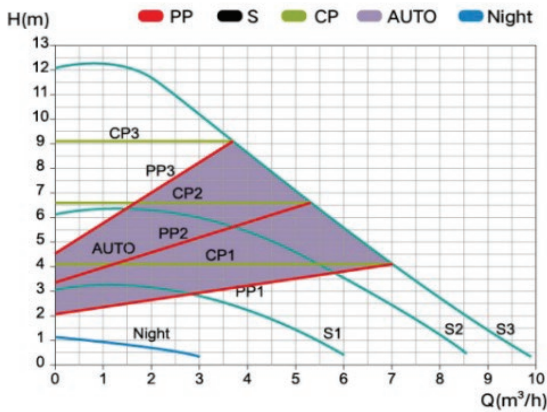
Max. Head

12 m

### Nameplate

DUCA® COSMO-C 25-12-180				
Serial No.				SCAN ME
Class F	220-240V			
TF110	50/60Hz			
IP42	1.0MPa			
	H(m)	P <sub>1</sub> (W)	I(A)	Q (m <sup>3</sup> /h)
MIN	-	7	0.10	-
MAX	12	180	1.53	10
ErP READY		ec@ DESIGN		MADE IN TÜRKİYE
EEI ≤ 0.23 High Efficiency Circulation Pump				Turkey
2 YEARS WARRANTY				

### Performance Curve

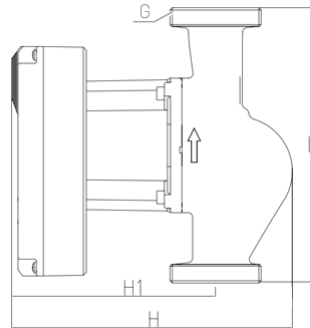


EEI ≤ 0.23

iPWM



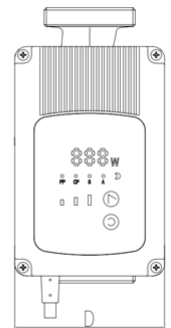
### Dimension



H 184 mm

H1 133 mm

L 180 mm



D 97 mm

### Model Information

Model	Min/Max Temp (°C)	L (mm)	DN	P1 Max	Voltage (V)	Rated Current (A)	Union (G)
COSMO 25-12-180	2 to +110	180	DN25	180W	230	0.1-1.53	G1" 1/2
COSMO 32-12-180	2 to +110	180	DN32	180W	230	0.1-1.53	2"

## Excellence Through Certified Production Processes

At Duca Pump, we are committed to delivering products of the highest quality and reliability, as evidenced by our **UKCA**, **TSE**, **CE** and **ROHS COMPLIANT** certifications, alongside production processes that adhere to ISO standards.

Our product portfolio includes the **Cosmo** and **Master** series circulator pumps, engineered to provide optimal solutions for various heating systems in domestic categories.



**DUCA®**



*\*Cosmo XL*



## COSMO XL

### Application

For domestic hot water system such as mix water underfloor heating system, air energy hot water circulation system, solar hot water circulation system and family hot, cold water pressurization circulation, etc.



EEI ≤ 0.23



### HIGHER FLOW

### Main features

- 'A' Nominal energy efficiency lowest power consumption
- Permanent magnet aluminium die-cast housing motor, intelligent frequency control
- Compact design with control box integrated in the pump head
- Proportional pressure, constant pressure, constant speed mode
- Low noise operation

### Working condition

- Maximum Ambient Temperature: +40 °C
- Protection Level: IP44
- Mains Connection: 220V~240V /50hz
- Insulation Class: F
- Pumped Liquid Properties:
  - Clean, Solids and Mineral Oil Free,
  - Non-toxic, Chemically Neutral,
  - Close to Water Features

### Functions for different model

Model	Internal control			External control
	PP	CP	CS	PWM
COSMO-XL 32/25-8-180	I, II, III	I, II, III	I, II, III	AUTO

# COSMO XL





## 25/32-15-180



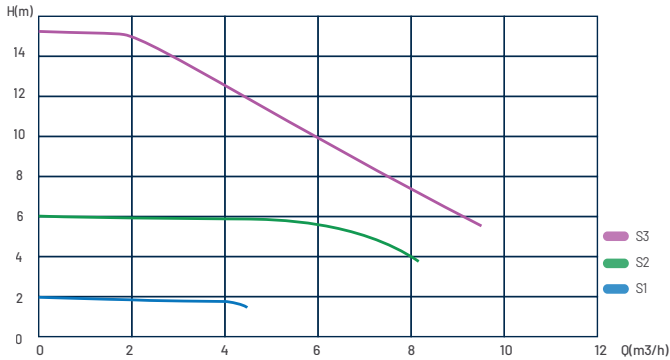
**Max. Flow Rate**  
9,5 m<sup>3</sup>/h

**Max. Pump Head**  
15m

### Nameplate

<b>DUCA</b> <sup>®</sup>				
COSMO-XL 25/32-15-180				
Serial No.			 SCAN ME	
Class F	220-240V			
TF95	50/60Hz			
IPX4	1.0MPa			
	H <sub>(m)</sub>	P <sub>(W)</sub>	I <sub>(A)</sub>	Q <sub>(m<sup>3</sup>/h)</sub>
MIN	-	20	0.20	-
MAX	15	320	1.60	9,5
<b>EEI ≤ 0.23</b> High Efficiency Circulation Pump				 
				

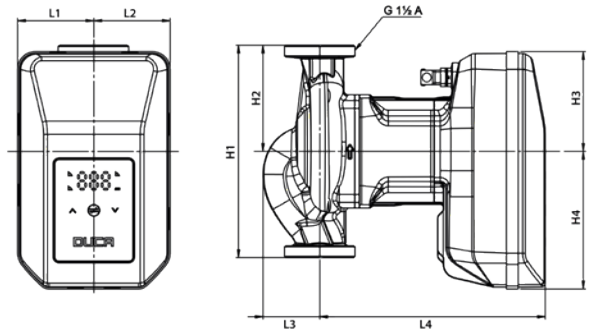
### Performance Curve



EEI ≤ 0.23



### Dimension



**H1** 180 mm  
**H2** 90 mm  
**H3** 85 mm  
**H4** 117 mm

**L1** 65 mm  
**L2** 65 mm  
**L3** 48 mm  
**L4** 191 mm

### Model Information

Model	Min/Max Temp (°C)	L (mm)	DN	P1 Max	Voltage (V)	Rated Current (A)	Union (G)
25-15-180	-2 to +110	180	DN25	320W	230	0.2-1.6	G1½ to G1
32-15-180	-2 to +110	180	DN32	320W	230	0.2-1.6	G2 to G1½

HIGHEST FLOW

**DUCA**<sup>®</sup>

**COMING SOON**

2025/Q4



\*Cosmo XXL

**DUCA®**



*\*Force Master*

# FORCE MASTER



## Application

Suitable for domestic hot water systems including mixed-water underfloor heating, air-energy hot water circulation, solar hot water circulation, and household hot/cold water pressurization circulation.



## Main features

- Permanent magnet synchronous motor, copper enameled wire, NdFeB magnet.
- Compact structure, quiet operation (<58 dB).
- Energy-efficient variable frequency control.
- Easy installation and reliable operation.
- Low standby power consumption ( $\leq 10W$ ).
- Built-in check valve.

## Working condition

- Max ambient temperature:  $+40^{\circ}C$
- Voltage: AC 230V / 50Hz
- Protection class: IP44
- Insulation grade: F
- Maximum operating pressure: 10 bar
- Liquid temperature:  $0^{\circ}C - 50^{\circ}C$
- PH range of liquid: 6.5 – 8.5
- Max solid particle content:  $\leq 0.1\%$ , particle size  $\leq 0.1$  mm

# FORCE MASTER

Inlet and Outlet Diameter: DN 25



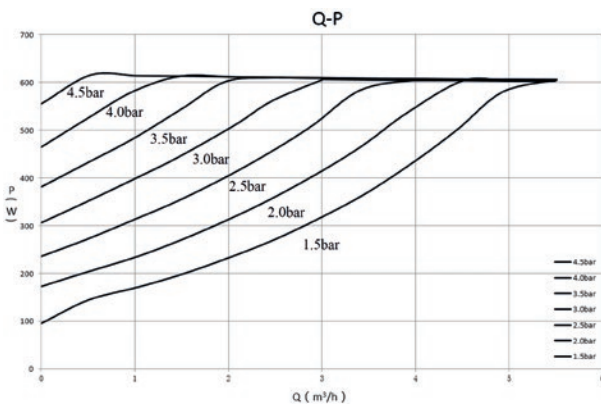
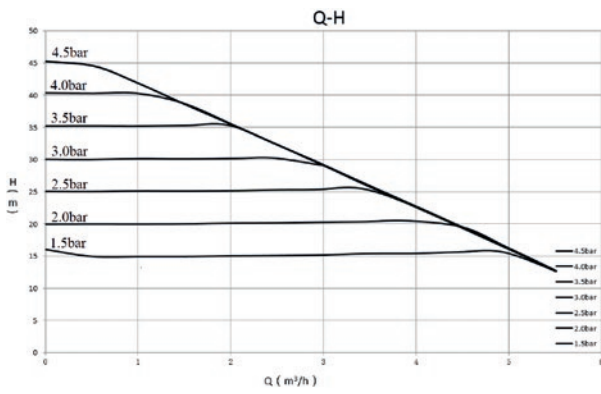
Max. Flow Rate  
5,5m<sup>3</sup>/h

Max. Pump Head  
45m

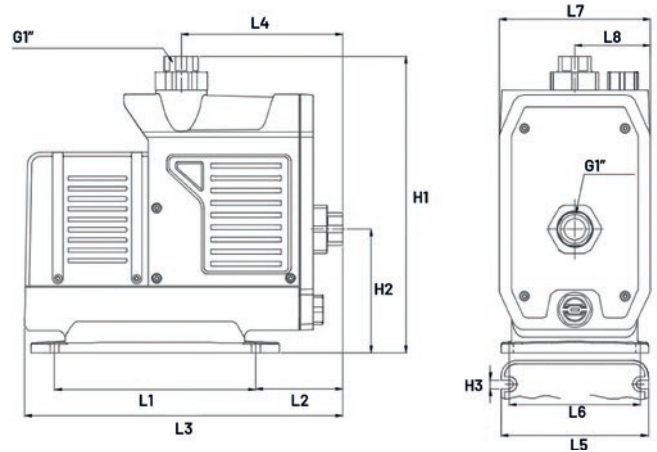
## Nameplate

DUCA <sup>®</sup> FORCE MASTER			
Power Frequency	220V / 50HZ	Medium Temperature	0°C - 50°C
MAX Compression	10 Bar	Insulation Class	F
MAX Head	45m	Rated Head	30m
MAX Traffic	5.5 m <sup>3</sup> /h	Rated Flow	3 m <sup>3</sup> /h
Input Power	600W	Protection Level	IP 44
Rated Current	2.9A	Working System	S1
TF	50°C	Motor Steering	Pump port Counterclockwise

## Performance Curve



## Dimension



L1 230 mm

L2 99 mm

L3 365 mm

L4 184.5 mm

L5 168 mm

L6 150 mm

L7 174 mm

L8 87 mm

H1 339 mm

H2 141 mm

H3 10 mm

G 1"



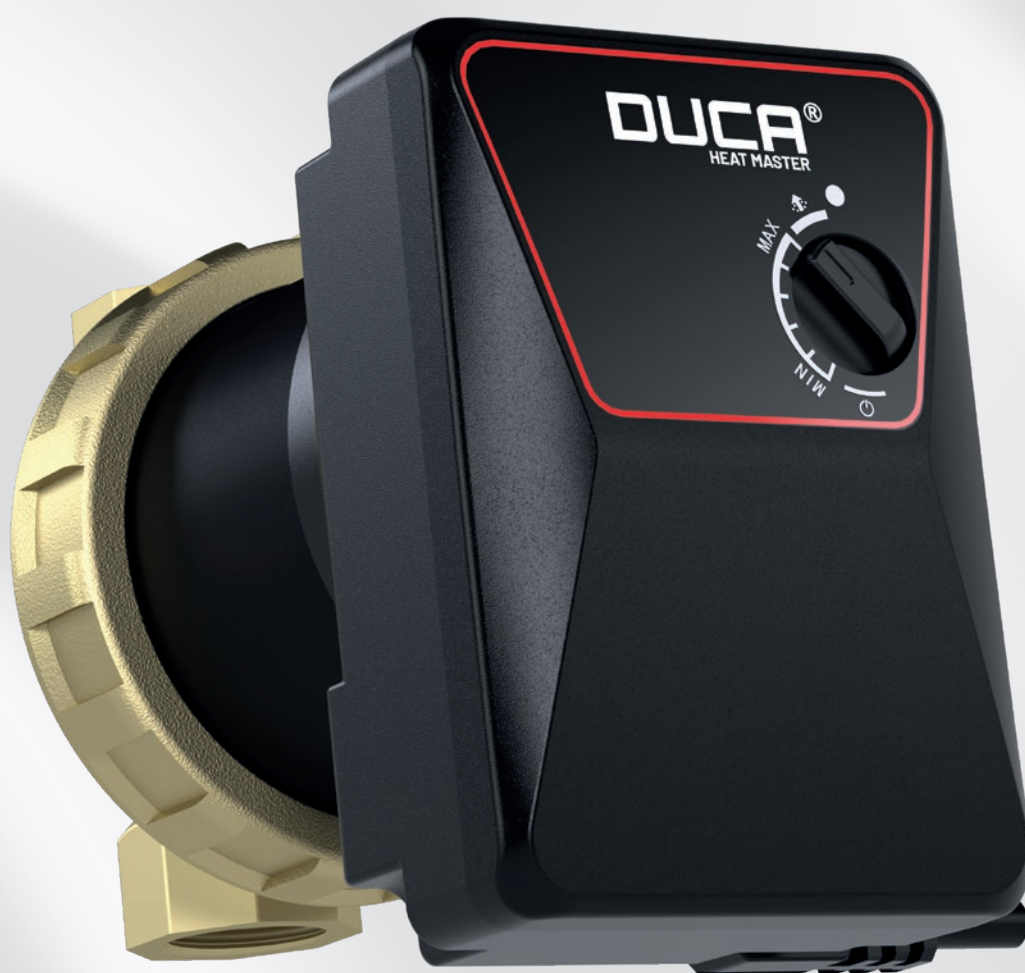
# Innovation Meets Precision

## Engineering Excellence at Every Stage

At Duca Pump, our skilled engineers meticulously design each product, ensuring superior performance and outstanding energy efficiency. Through advanced simulations and precise technical analysis, we deliver pumping solutions that seamlessly blend innovation with reliability—transforming every drop of water into sustainable comfort.



**DUCA®**



\*Heat Master



# TECHNICAL DATA SHEET

## HEAT MASTER

### Application

Heat Masterseries intelligent variable frequency circulating pumps (hereinafter referred to as electric pumps) comply with Q/SG 604 standards. The stator of the motor is completely shielded, and the rotating parts are immersed in clean water, which plays a role of cooling and lubrication during operation. The shield sleeve of the electric pump adopts a thin-walled structure, which completely shields and isolates the inner iron core of the motor from the water, cancels the traditional mechanical seal structure type, and solves the sealing water leakage problem of the conventional water pump. The rotating parts adopt ceramic bearings and ceramic shafts, which are wear-resistant and lubricated with clean water, which can cool the motor and reduce noise. Full lift work is not loaded. As long as it is used correctly, it is generally free from maintenance.

### Main features

- Low noise and no leakage
- Brass pump body, corrosion resistance and durability
- Compact structure and easy installation
- Knob control, easy to operate
- Low power and energy consumption



### Working condition

- Liquid temperature: 2°C~75°C
- Ambient temperature: -20~+40°C
- Max system pressure: 10bar
- Protection level: IPX4
- Rated voltage/frequency: 230V(-10%~+6%), 50/60Hz
- Domestic water (non-drinking water), the pH value of the medium is between 6.5 and 8.5,
- the volume content of solid particles is not more than 0.1% of unit volume, and the particle size is not more than 0.2mm

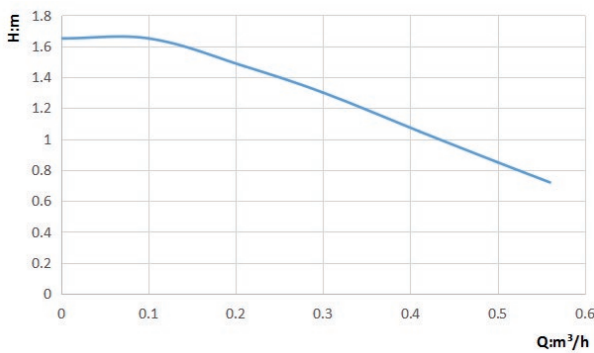
# HEAT MASTER



**Max. Flow Rate**  
0,5 m<sup>3</sup>/h

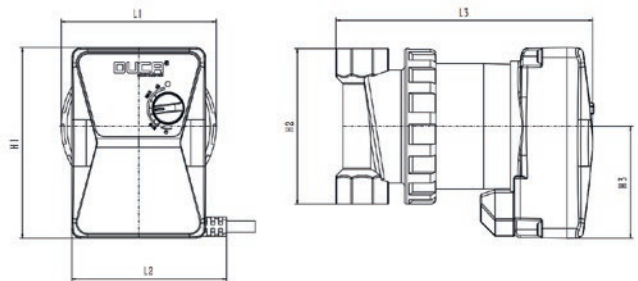
**Max. Head**  
1,7m

## Performance Curve



HEAT MASTER

## Dimensions



**H1** 98 mm

**H2** 80 mm

**H3** 57,5 mm

**L1** 80 mm

**L2** 123 mm

**L3** 123 mm



**DUCA®**



*\*Heat Master L*

# TECHNICAL DATA SHEET

## HEAT MASTER L



### Application

Domestic hot water often requires draining cold water from pipes before hot water arrives, causing delays and resource waste. Our Intelligent Return Pump addresses this issue by providing immediate hot water upon tap activation, offering comfort and efficiency.

The system supports multiple operation modes including continuous intelligent temperature control, energy-saving mode, touch activation, remote control, and automatic water flow activation, enabling "zero cold water" convenience.

Suitable for gas, electric, solar, air-source water heaters, and wall-mounted furnaces, the pump effectively serves households with pipe lengths between 30m-150m and a minimum water flow of 6L/min.

For installations without dedicated return pipes, the pump connects between hot and cold water lines near the endpoint. For systems with return pipes, it connects between the hot water line and return pipe, typically near the water tank or pipeline endpoint.

### Main features

- Immediate hot water supply ("zero cold water").
- Intelligent, energy-efficient constant temperature control.
- Versatile start methods (touch, remote control, water flow activation).
- Compatible with gas, electric, solar, air-energy heaters, and wall-mounted furnaces.
- Supports pipeline lengths 30-150 m with min. flow of 6L/min.
- Flexible installation (with or without return pipe).

### Working condition

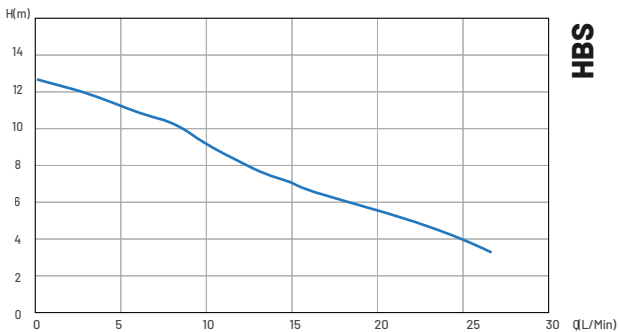
- Liquid temperature: 2°C~70°C
- Ambient temperature: -20°C~+40°C
- Max system pressure: 10bar
- Protection level: IP21
- Rated voltage/frequency: 230V(-10%~+6%), 50/60Hz
- Domestic water (non-drinking water), the pH value of the medium is between 6.5 and 8.5,
- the volume content of solid particles is not more than 0.1% of unit volume, and the particle size is not more than 0.2mm

# HEAT MASTER L

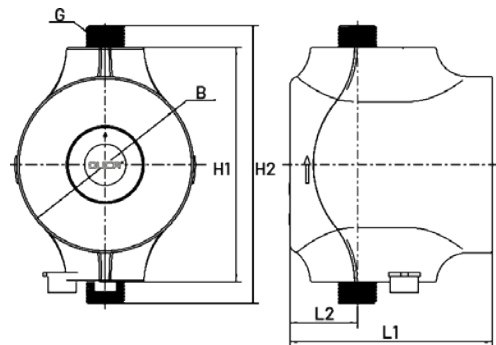


**Max. Flow Rate**      **Max. Head**  
1,6 m<sup>3</sup>/h              12m

## Performance Curve



## Dimensions



**H1** 125 mm

**H2** 148 mm

**B** 94 mm

**L1** 108 mm

**L2** 36 mm

**G** 1½



# DUCA®



\*Xr



## TECHNICAL DATA SHEET

# XR

### Application

For domestic hot water system such as mix water underfloor heating system, air energy hot water circulation system, solar hot water circulation system and family hot, cold water pressurization circulation, etc.



### Main features

- 3-speed adjustment
- Low noise
- No leakage

### Working condition

- Liquid temperature: 2°C~110°C
- Ambient temperature: 0~+40°C
- Max system pressure: 10 bar
- Protection level: IP44
- Rated voltage/frequency: 220V~240V/50Hz
- Insulation class: H
- Pumped liquid characteristics: clean liquid, free from solids and mineral oils, non-toxic, chemically neutral, close to the characteristics of water
- Installation: the motor shaft must be kept in horizontal direction



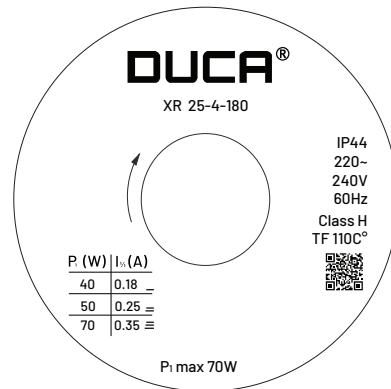
**Max. Flow Rate**  
3 m<sup>3</sup>/h

**Max. Head**  
4m

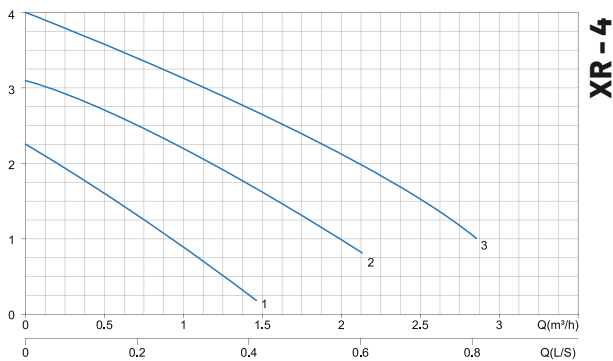
# XR

## 25,32 - 4

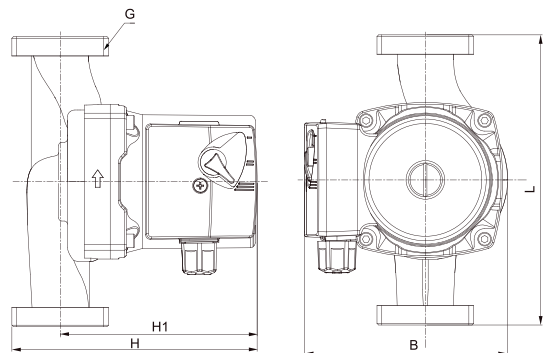
### Nameplate



### Performance Curve



### Dimensions



**H** 133 mm  
**H1** 103 mm

**L** 130/180 mm  
**B** 123 mm

### Different models

Model	Min/Max Temp (°C)	L (mm)	DN	P1 Max	Voltage (V)	Rated Current (A)	Union
25-4-130	2 to +110	130	25mm G1½	70	1x230	0,18-0,35	G1½ to G1
25-4-180	2 to +110	180	25mm G1½	70	1x230	0,18-0,35	G1½ to G1
32-4-180	2 to +110	180	32mm G2	70	1x230	0,18-0,35	G2 to G1¼

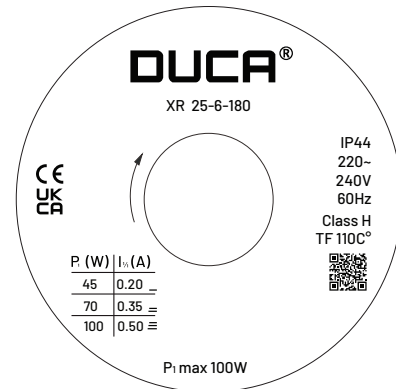
## XR 25,32 - 6



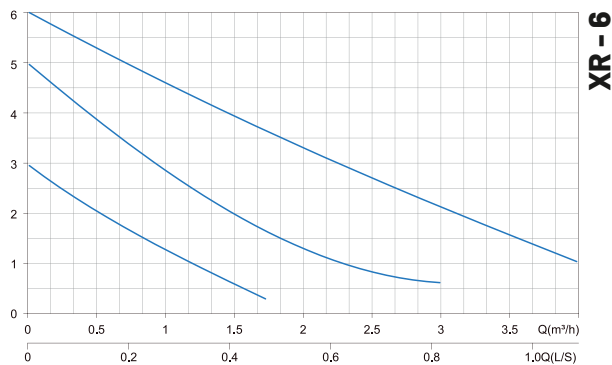
**Max. Flow**  
3,2 m³/h

**Max. Head**  
6m

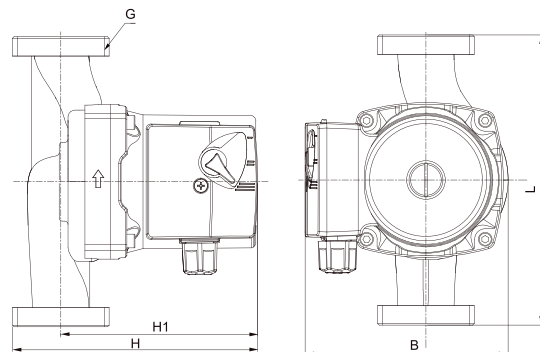
### Nameplate



### Performance Curve



### Dimensions



**H** 133 mm  
**H1** 103 mm

**L** 130/180 mm  
**B** 123 mm

### Different models

Model	Min/Max Temp (°C)	L (mm)	DN	P1 Max	Voltage (V)	Rated Current (A)	Union
25-6-130	2 to +110	130	25mm G1½	100	1x230	0,20-0,50	G1½ to G1
25-6-180	2 to +110	180	25mm G1½	100	1x230	0,20-0,50	G1½ to G1
32-6-180	2 to +110	180	32mm G2	100	1x230	0,20-0,50	G2 to G1¼

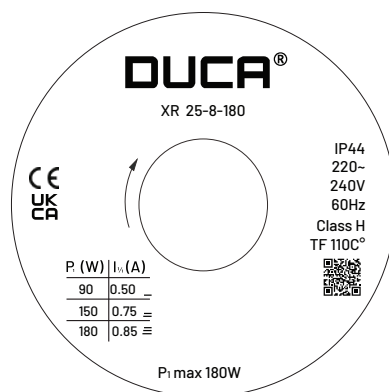


**Max. Flow**  
3,5 m<sup>3</sup>/h

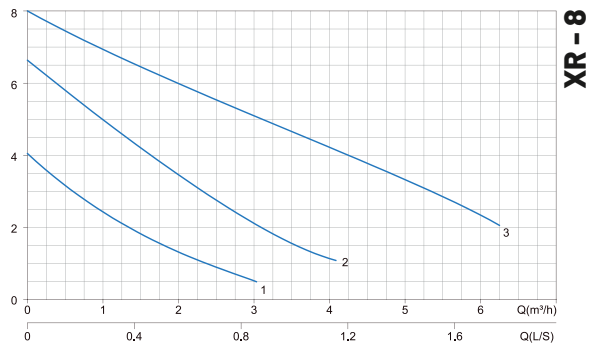
**Max. Head**  
8m

# XR 25 - 8

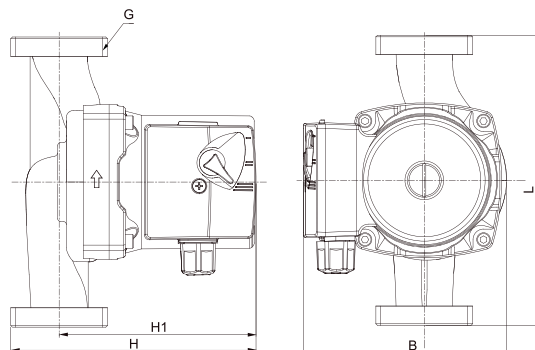
## Nameplate



## Performance Curve



## Dimensions



**H** 133 mm  
**H1** 103 mm

**L** 130/180 mm  
**B** 123 mm

## Different models

Model	Min/Max Temp (°C)	L (mm)	DN	P1 Max	Voltage (V)	Rated Current (A)	Union
25-8-180	2 to +110	180	25mm G1½	180	1x230	0,50-0,85	G1½ to G1

# Engineered For Excellence

## Innovation, Quality, Reliability

Our dedicated Research & Development team meticulously tests and refines each pump to exceed global standards. By combining advanced engineering with innovative technology, Duca ensures reliable performance, energy efficiency, and maximum durability—bringing comfort, safety, and sustainability into every home we serve.

A person is seen from behind, wearing a dark jacket with the 'DUCA' logo on the back. They are sitting at a desk with two computer monitors. The left monitor displays a 3D CAD model of a pump, and the right monitor shows a technical drawing or blueprint. The room has acoustic panels on the wall, and a Duca-branded notebook and a stainless steel cup are on the desk.

**DUCA**®

DUCA®



\*Xr Pro

## TECHNICAL DATA SHEET

# XR PRO

### Application

For domestic hot water system such as mix water underfloor heating system, air energy hot water circulation system, solar hot water circulation system and family hot, cold water pressurization circulation, etc.



### Main features

- 3-speed adjustment
- Low noise
- No leakage

### Working condition

- Liquid temperature: 2°C ~ 110°C
- Ambient temperature: 0 ~ +40°C
- Max system pressure: 10 bar
- Protection level: IP44
- Rated voltage/frequency: 220V ~ 240V/50Hz
- Insulation class: H
- Pumped liquid characteristics: clean liquid, free from solids and mineral oils, non-toxic, chemically neutral, close to the characteristics of water
- Installation: the motor shaft must be kept in horizontal direction

# XR PRO

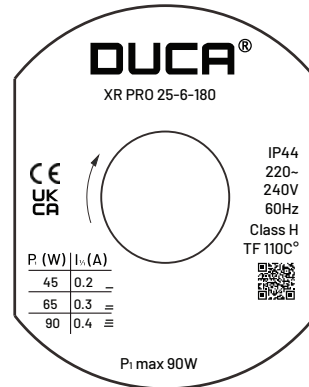
## 25 - 6



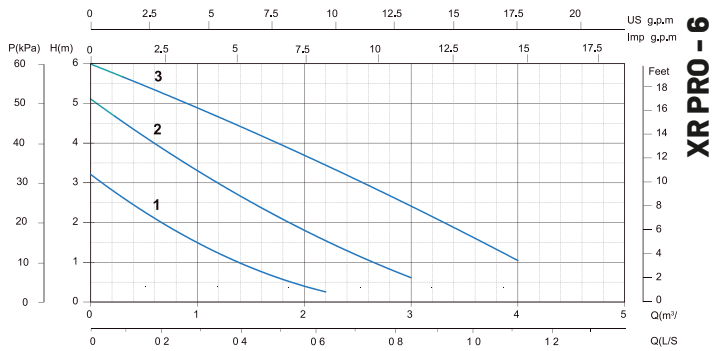
**Max. Flow Rate**  
4 m<sup>3</sup>/h

**Max. Head**  
6m

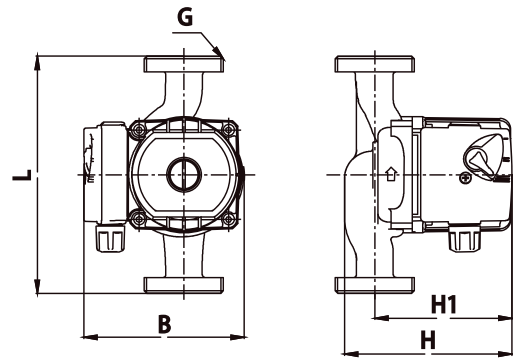
### Nameplate



### Performance Curve



### Dimensions



**H** 125 mm

**L** 130/180 mm

**H1** 105 mm

**B** 130 mm

### Different models

Model	Min/Max Temp (°C)	L (mm)	DN	P1 Max	Voltage (V)	Rated Current (A)	Union
25-6-130	2 to +110	130	25mm G1½	90	1x230	0,20-0,40	G1½ to G1
25-6-180	2 to +110	180	25mm G1½	90	1x230	0,20-0,40	G1½ to G1



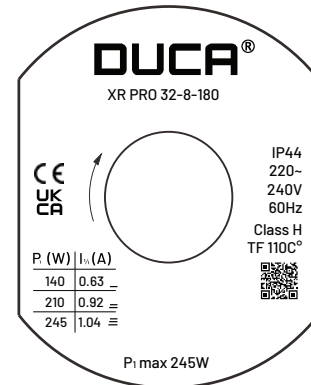
## XR PRO 25,32 - 8



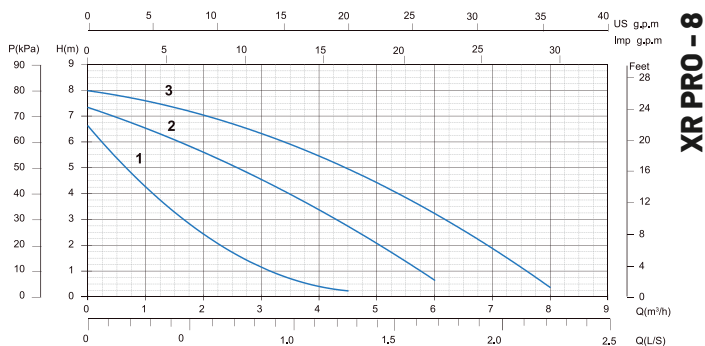
**Max. Flow**  
8 m<sup>3</sup>/h

**Max. Head**  
8m

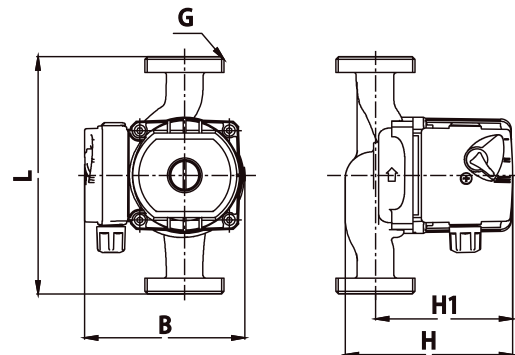
### Nameplate



### Performance Curve



### Dimensions



**H** 170 mm  
**H1** 130 mm

**L** 180 mm  
**B** 150 mm

### Different models

Model	Min/Max Temp (°C)	L (mm)	DN	P1 Max	Voltage (V)	Rated Current (A)	Union
25-8-180	2 to +110	130	25mm G1½	200	1x230	0,20-0,40	G1½ to G1
32-8-180	2 to +110	180	32mm G2	245	1x230	0,20-0,40	G2 to G1¼

**DUCA®**

# Components



# Automatic Air Purger

## G1/4 + G1/2 Check Valve

FOR HEATING SYSTEMS



### Product Description

The automatic air purger removes unwanted air bubbles from plumbing systems, ensuring efficient and safe operation. Its brass body provides durability, making it suitable for hot and cold water systems.



### Standards

Certificates: TSE

Design: TS 7817

Thread Standard: EN ISO 228-1

Tests: TS EN 12266-1

No	Part Name	Material
1	Body	CuZn40Pb2 - CW617N - Forced Brass
2	Bonnet	CuZn40Pb2 - CW617N - Forced Brass
3	Safety Valve	Ebonite
4	Float	Ebonite
5	Check Valve	CuZn40Pb2 - CW617N - Forced Brass

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# Safety Valve

FOR HEATING SYSTEMS



## Product Description

It is a safety equipment used to relieve excess pressure that occurs in heating, cooling, and plumbing systems, preventing damage to the system.

## General Features

**Discharge:** G 1/2"

**Connection:** G 1/2"

**Spring:** Spring Steel

## Terms of Use

Liquid Temperature: 110 °C

Maximum System Pressure: 10 Bar

Pressure Settings: 3/4/6 Bar



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