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# SBT
# FREKANS KONVERTÖRLÜ
# SİRKÜLASYON POMPALARI

## ÜRÜN KATALOĞU

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ErP Ready

SBT

# HIGH EFFICIENCY

High Efficiency Circulation Pump

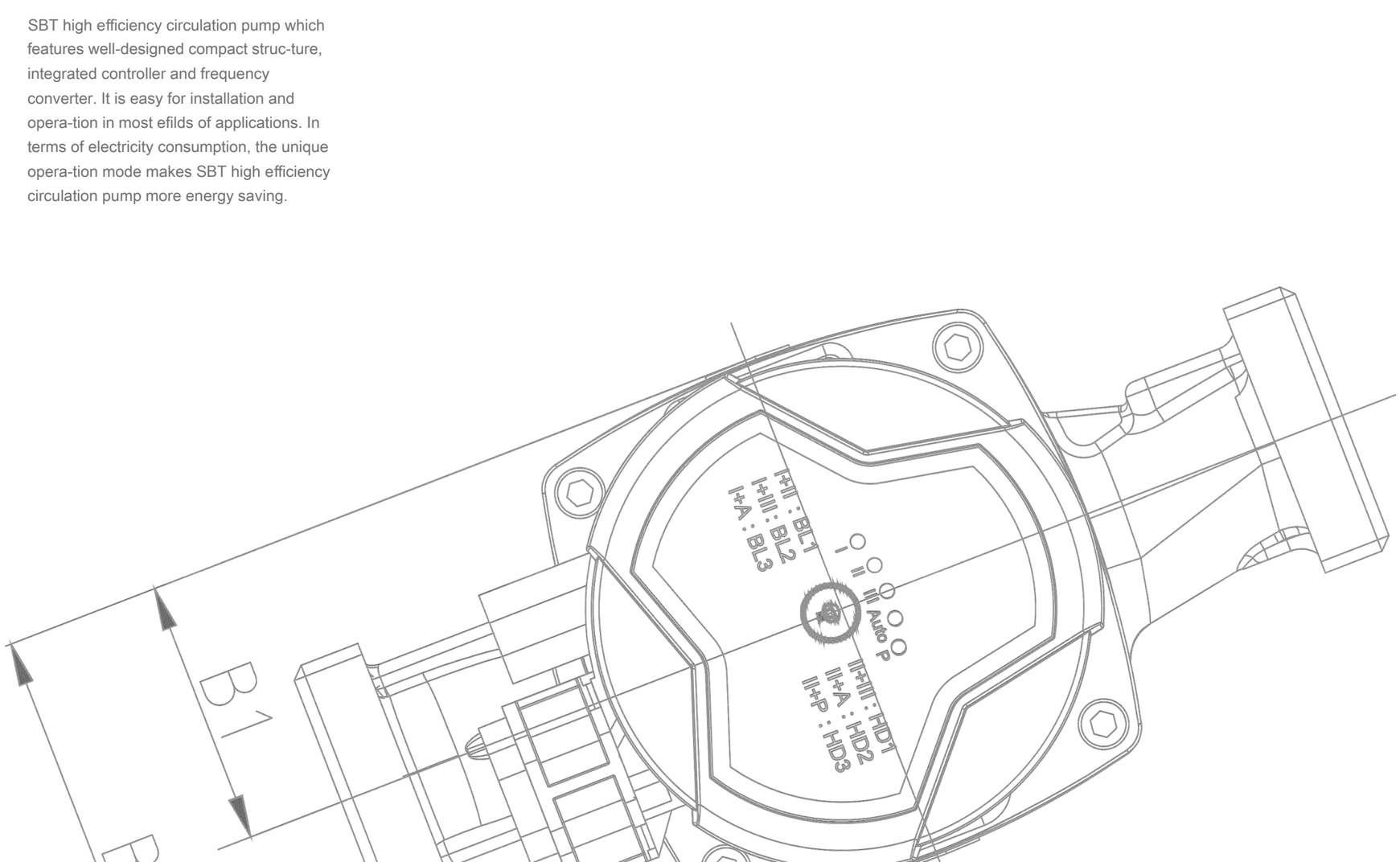
# PRODUCT INTRODUCTION

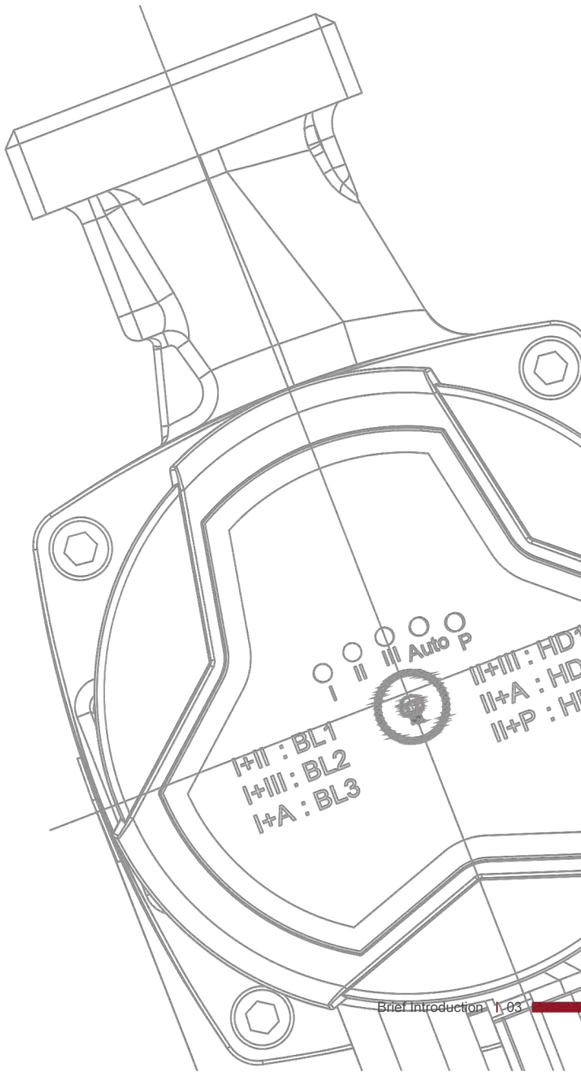
## FEATURES:

SBT high efficiency circulation pump which features well-designed compact struc-ture, integrated controller and frequency converter. It is easy for installation and opera-tion in most efilds of applications. In terms of electricity consumption, the unique opera-tion mode makes SBT high efficiency circulation pump more energy saving.

## FIELDS OF APPLICATIONS:

1. System with constant or variable flow
2. System with variable temperature liquid
3. System with night mode
4. Air conditioning and cooling system
5. Industrial circulation system
6. Domestic hot water and drinking water supply system



# SBT II

High Efficiency Circulation Pump

SBT II CV+AUTO


## Applications

1. Domestic heating and hot water supply systems
2. Air and ground source heat pump systems
3. Air-conditioning systems
4. Air conditioning and cooling system
5. Industrial hot water circulation systems
6. Solar thermal systems

## Features and benefits

### Easy installation and operation

Equipped with Self Adapting Mode(Auto Mode, Factory Setting), pump runs once the power is connected and adapts its performance according to actual system needs.

Control is effected by digital pulse-width modulation (PWM) low-voltage signal, enabling the pump to be used to meet different flow requirement in various systems.

### Low noise and high comfort

Noise index: ≤42dB(A)

### Low energy consumption

A class energy efficiency, Power consumption lowest to 5W

### Multiple protection

With over-voltage and over-current protection

### Eco-Design Benchmark

EEI≤0.20-Part 2

### Two versions, to meet different requirements of usages.

1.Button model, to switch modes with button

2.Rotary control model, easy operation

### Quick release power plug

Start-up and stop the pump quickly.

# Product photo and control modes

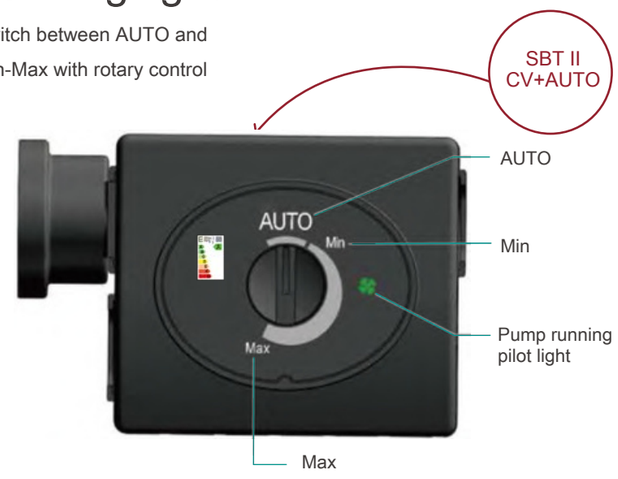

| Setting | Explanation |
|---|---|
| Auto (Factory Setting) | Propotional pressure curve descending from highest to lowest |
| BL1 | Min. propotional pressure curve |
| BL2 | Max. propotional pressure curve |
| HD1 | Min. constant pressure curve |
| HD2 | Max. constant pressure curve |
| III | Constant Speed III |
| II | Constant Speed II |
| I | Constant Speed I |
| | Night mode |
| PWM | PWM duty cycle performance curve |

## Night mode

- Press button to switch between control modes,
- Press night mode button to switch to night mode.

## Running light

- Switch between AUTO and Min-Max with rotary control




| Setting | Explanation |
|---|---|
| AUTO (Factory Setting) | Propotional pressure curve descending from highest to lowest |
| Continuously viable | “Min–Max” curve |

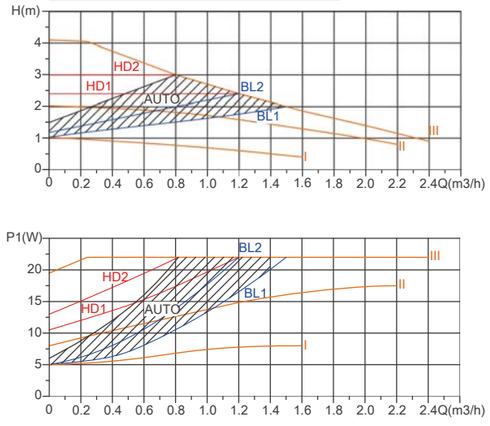
# Technical parameter

## Technical data

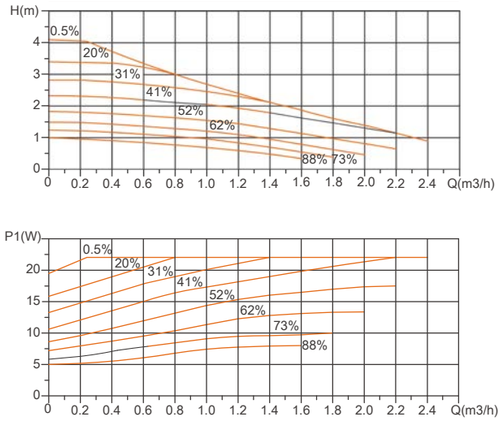
| | |
|---|---|
| Power supply voltage | 230V 50/60Hz, PE |
| Motor protection | No external protection required |
| IP class | IP44 |
| Insulation class | H |
| ( RH ) Humidity | Max. 95% |
| System pressure | 1.0 MPa |
| Compliance | CE/ GS/ EMC/ LVD/RoHS/REACH |
| Environment temperature | 0 ~ +40℃ |
| Temperature class | TF110 |
| Liquid temperature | -30 ~ +110℃ (Glycol up to 50%) |

# SBT II performance curve

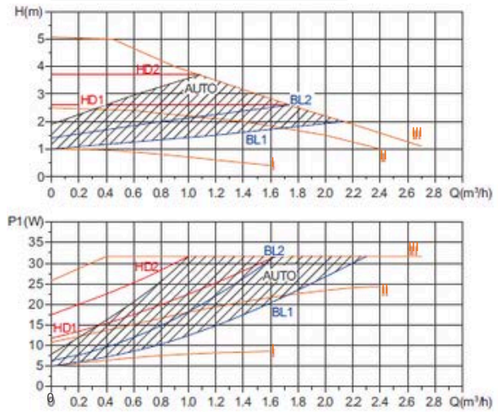
SBTXX-4 II Performance curve



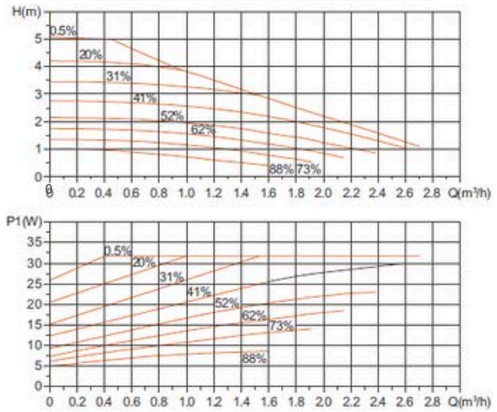

Performance curve under PWM signal control



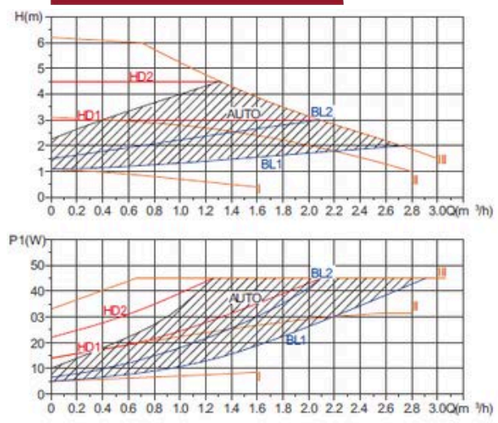
SBTXX-5 II Performance curve



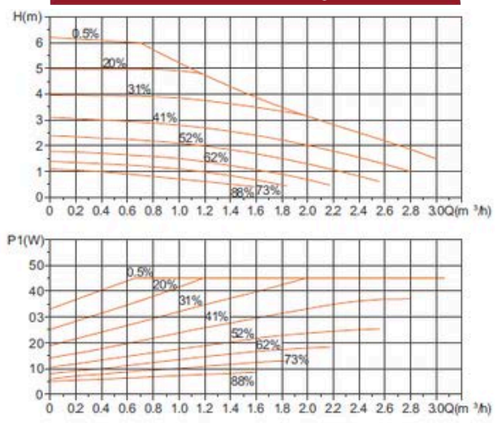

Performance curve under PWM signal control



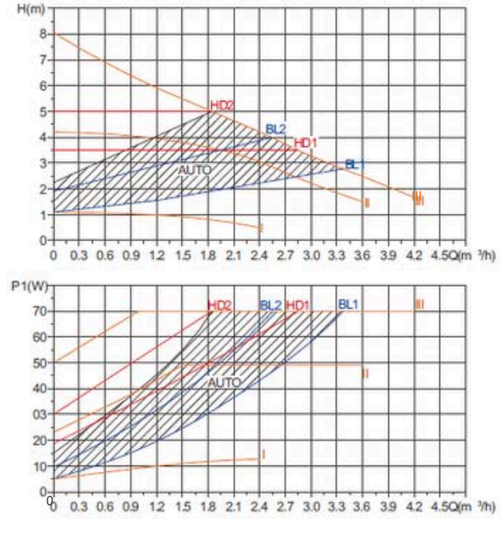

SBTXX-6 II Performance curve



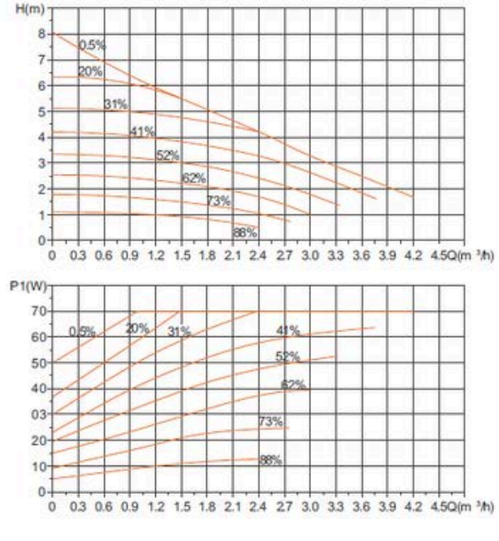

Performance curve under PWM signal control




SBTXX-8 II Performance curve

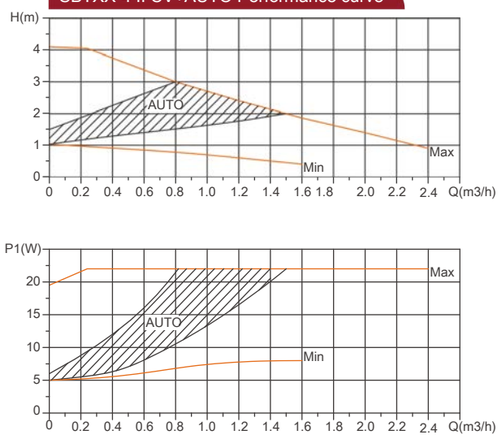



Performance curve under PWM signal control

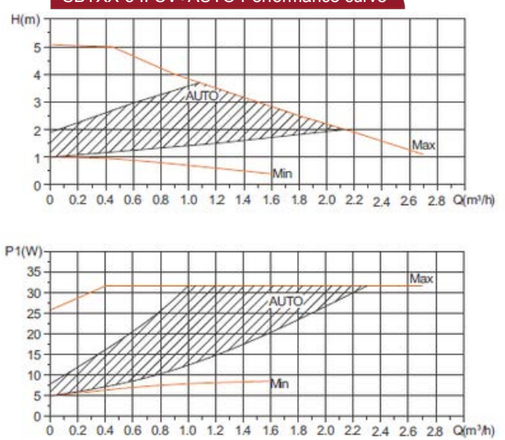



# SBT II CV+AUTO performance curve

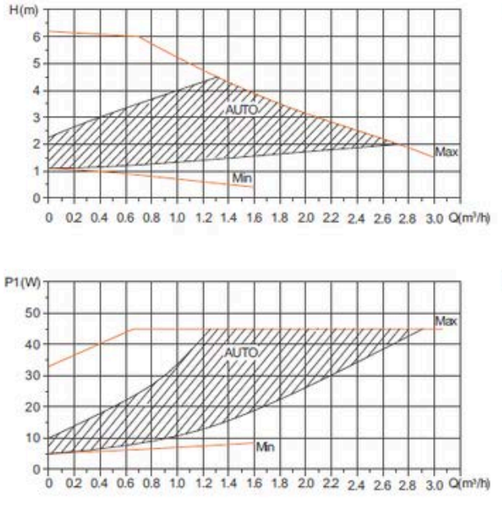
SBTXX-4 II CV+AUTO Performance curve



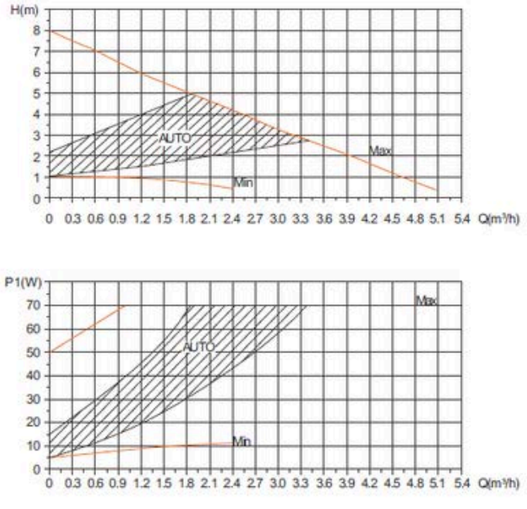

SBTXX-5 II CV+AUTO Performance curve




SBTXX-6 II CV+AUTO Performance curve

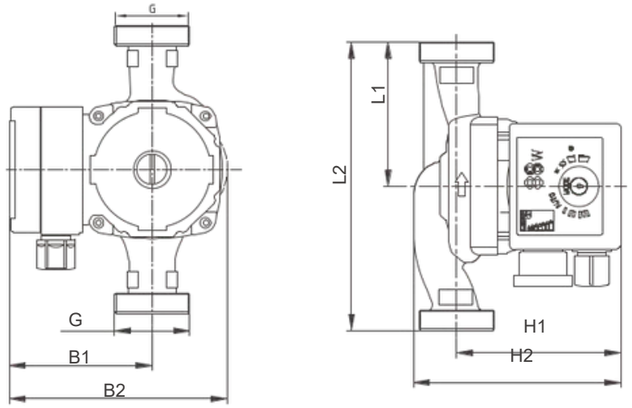



SBTXX-8 II CV+AUTO Performance curve

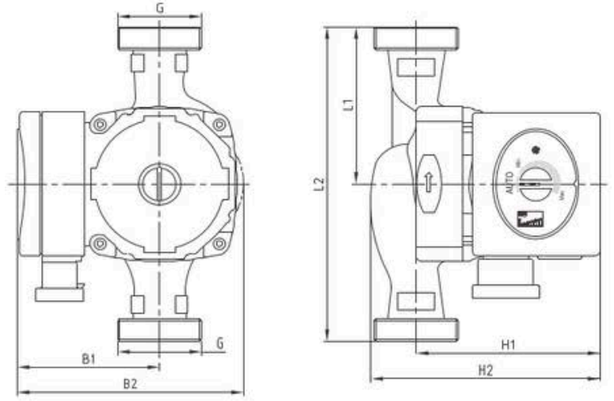


# Installation drawing and performance parameter

## SBT II




## SBT II CV+AUTO




## Performance (SBTII & SBT II CV+AUTO)

| Power (W) | Model | Max flow (m3/h) | Max Head (m) | Current (A) | Voltage/ Frequency 230V 50/60Hz | Pump body material: Cast rion | Plastic | Brass | Stainless steel | Dimensions(mm): L1 | L2 | B1 | B2 | H1 | H2 | G | Package size (mm*mm*mm) Inner box | Wt.(kg) G.W. | N.W. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22 | SBT20-4 II | 2.3 | 4 | 0.19 | ● | ● | ● | ● | ● | 65 | 130 | 82 | 130 | 103 | 127 | 1″ | 155x140x165 | 2.4 | 1.9 |
| | SBT25-4 II | 2.5 | | | ● | ● | | ● | ● | 65 | 130 | 82 | 130 | 103 | 130 | | 155x140x165 | 2.9 | 2.1 |
| | | | | | | | | | | 75 | 150 | 82 | 130 | 103 | 130 | 11/2″ | 200x165x155 | 3.1 | 2.3 |
| | | | | | | | | | | 90 | 180 | 82 | 130 | 103 | 130 | | 200x165x155 | 3.2 | 2.4 |
| | SBT32-4 II | 3.0 | | | ● | ● | | | | 90 | 180 | 82 | 130 | 102 | 132 | 2″ | 200x165x155 | 3.5 | 2.5 |
| 32 | SBT20-5 II | 2.5 | 5 | 0.27 | ● | ● | ● | ● | ● | 65 | 130 | 82 | 130 | 103 | 127 | 1″ | 155x140x165 | 2.4 | 1.9 |
| | SBT25-5 II | 3.0 | | | ● | ● | | ● | ● | 65 | 130 | 82 | 130 | 103 | 130 | | 155x140x165 | 2.9 | 2.1 |
| | | | | | | | | | | 75 | 150 | 82 | 130 | 103 | 130 | 11/2″ | 200x165x155 | 3.1 | 2.3 |
| | | | | | | | | | | 90 | 180 | 82 | 130 | 103 | 130 | | 200x165x155 | 3.2 | 2.4 |
| | SBT32-5 II | 3.5 | | | ● | ● | | | | 90 | 180 | 82 | 130 | 102 | 132 | 2″ | 200x165x155 | 3.5 | 2.5 |
| 45 | SBT20-6 II | 2.8 | 6 | 0.38 | ● | ● | ● | ● | ● | 65 | 130 | 82 | 130 | 103 | 127 | 1″ | 155x140x165 | 2.4 | 1.9 |
| | SBT25-6 II | 3.2 | | | ● | ● | | ● | ● | 65 | 130 | 82 | 130 | 103 | 130 | | 155x140x165 | 2.9 | 2.1 |
| | | | | | | | | | | 75 | 150 | 82 | 130 | 103 | 130 | 11/2″ | 200x165x155 | 3.1 | 2.3 |
| | | | | | | | | | | 90 | 180 | 82 | 130 | 103 | 130 | | 200x165x155 | 3.2 | 2.4 |
| | SBT32-6 II | 4.0 | | | ● | ● | | | | 90 | 180 | 83 | 130 | 102 | 132 | 2″ | 200x165x155 | 3.5 | 2.5 |
| 70 | SBT20-8 II | 3.4 | 8 | 0.52 | ● | ● | ● | ● | ● | 65 | 130 | 88 | 136 | 103 | 127 | 1″ | 155x140x165 | 2.9 | 2.1 |
| | SBT25-8 II | 4.0 | | | ● | ● | | ● | ● | 65 | 130 | 88 | 136 | 103 | 130 | | 155x140x165 | 2.9 | 2.1 |
| | | | | | | | | | | 75 | 150 | 88 | 136 | 103 | 130 | 11/2″ | 200x165x155 | 3.1 | 2.3 |
| | | | | | | | | | | 90 | 180 | 88 | 136 | 103 | 130 | | 200x165x155 | 3.2 | 2.4 |
| | SBT32-8 II | 5.0 | | | ● | ● | | | | 90 | 180 | 88 | 136 | 102 | 132 | 2″ | 200x165x155 | 3.5 | 2.5 |

# SBT II BL

High Efficiency Circulation Pump


## Applications

1. Domestic heating and hot water supply systems
2. Air and ground source heat pump systems
3. Air-conditioning systems
4. Industrial hot water circulation systems
5. Solar thermal system

## Features and benefits

### Easy installation and operation

Equipped with Self Adapting Mode(Auto Mode, Factory Setting), pump runs once the power is connected and adapts its performance according to actual system needs.

### Low noise and high comfort

Noise index: ≤42dB(A)

### Low energy consumption

A class energy efficiency, Power consumption lowest to 5W

### Multiple protection

With over-voltage and over-current protection

### Eco-Design Benchmark

EEI≤0.20-Part 2

### Quick release power plug

Start-up and stop the pump quickly.

### Product photo and control modes

Running lights

Switch between AUTO and Min-Max with button

# Product photo and control modes


| Setting | Explanation |
|---|---|
| Auto (Factory Setting) | Propotional pressure curve descending from highest to lowest |
| Min | Min. curve |
| Max | Max. curve |

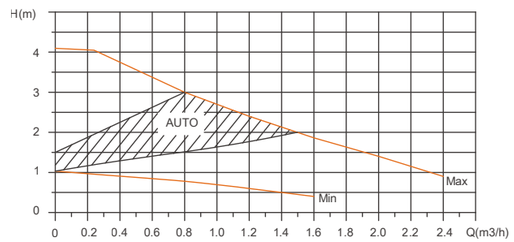
# Technical parameter

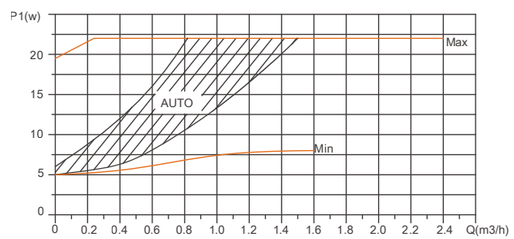
## Technical data

| | |
|---|---|
| Power supply voltage | 230V 50/60Hz, PE |
| Motor protection | No external protection required |
| IP class | IP44 |
| Insulation class | H |
| （RH）Humidity | Max. 95% |
| System pressure | 1.0 MPa |
| Compliance | CE/ GS/ EMC/ LVD/RoHS/REACH |
| Environment temperature | 0 ~ +40℃ |
| Temperature class | TF110 |
| Liquid temperature | -30 ~ +110℃ (Glycol up to 50%) |

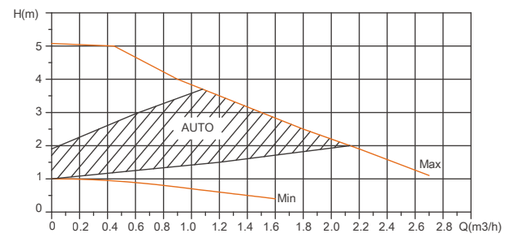
# Performance curve

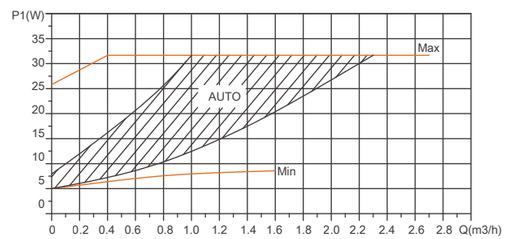
SBTXX-4 II BL Performance Curve



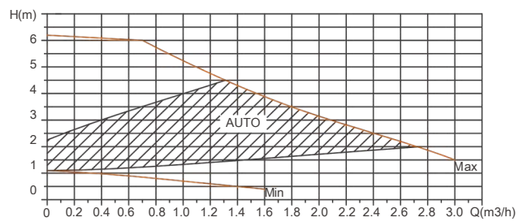



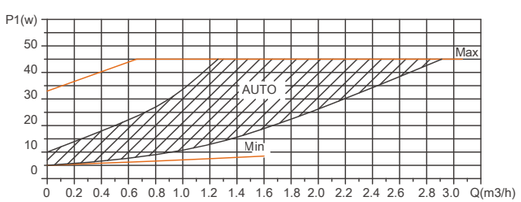

SBTXX-5 II BL Performance Curve



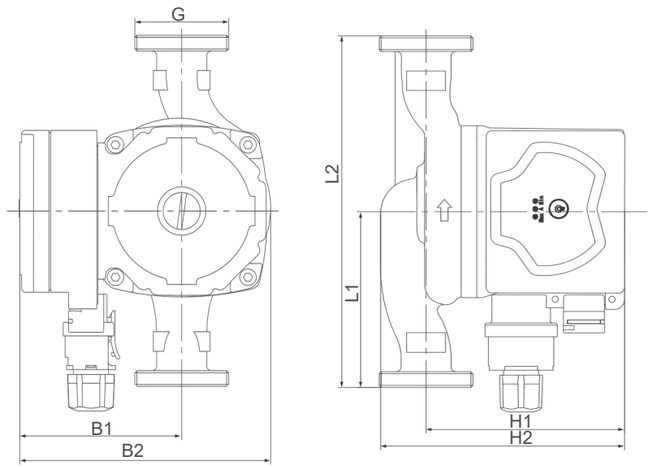

SBTXX-6 II BL Performance Curve



# Installation drawing and performance parameter

## Installation drawing




## Performance parameter

| Power (W) | Model | Max Flow (m³/h) | Max Head (m) | Current (A) | Voltage/ Frequency 230V 50/60Hz | Pump body material: Cast iron | Plastic | Brass | Stainless steel | Dimensions(mm): L1 | L2 | B1 | B2 | H1 | H2 | G | Package size (mm*mm*mm) Inner box | Wt.(kg) G.W. | N.W. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22 | SBT20-4II BL | 2.3 | 4 | 0.19 | ● | ● | ● | ● | ● | 65 | 130 | 82 | 130 | 103 | 127 | 1″ | 155x140x165 | 2.4 | 1.9 |
| | SBT25-4II BL | 2.5 | | | ● | ● | | ● | ● | 65 | 130 | 82 | 130 | 103 | 130 | | 155x140x165 | 2.9 | 2.1 |
| | | | | | | | | | | 75 | 150 | 82 | 130 | 103 | 130 | 11/2″ | 200x165x155 | 3.1 | 2.3 |
| | | | | | | | | | | 90 | 180 | 82 | 130 | 103 | 130 | | 200x165x155 | 3.2 | 2.4 |
| | SBT32-4II BL | 3.0 | | | ● | ● | | ● | ● | 90 | 180 | 82 | 130 | 102 | 132 | 2″ | 200x165x155 | 3.5 | 2.5 |
| 32 | SBT20-5II BL | 2.5 | 5 | 0.27 | ● | ● | ● | ● | ● | 65 | 130 | 82 | 130 | 103 | 127 | 1″ | 155x140x165 | 2.4 | 1.9 |
| | SBT25-5II BL | 3.0 | | | ● | ● | | ● | ● | 65 | 130 | 82 | 130 | 103 | 130 | | 155x140x165 | 2.9 | 2.1 |
| | | | | | | | | | | 75 | 150 | 82 | 130 | 103 | 130 | 11/2″ | 200x165x155 | 3.1 | 2.3 |
| | | | | | | | | | | 90 | 180 | 82 | 130 | 103 | 130 | | 200x165x155 | 3.2 | 2.4 |
| | SBT32-5II BL | 3.5 | | | ● | ● | | ● | ● | 90 | 180 | 82 | 130 | 102 | 132 | 2″ | 200x165x155 | 3.5 | 2.5 |
| 45 | SBT20-6II BL | 2.8 | 6 | 0.38 | ● | ● | ● | ● | ● | 65 | 130 | 82 | 130 | 103 | 127 | 1″ | 155x140x165 | 2.4 | 1.9 |
| | SBT25-6II BL | 3.2 | | | ● | ● | | ● | ● | 65 | 130 | 82 | 130 | 103 | 130 | | 155x140x165 | 2.9 | 2.1 |
| | | | | | | | | | | 75 | 150 | 82 | 130 | 103 | 130 | 11/2″ | 200x165x155 | 3.1 | 2.3 |
| | | | | | | | | | | 90 | 180 | 82 | 130 | 103 | 130 | | 200x165x155 | 3.2 | 2.4 |
| | SBT32-6II BL | 4.0 | | | ● | ● | | ● | ● | 90 | 180 | 82 | 130 | 102 | 132 | 2″ | 200x165x155 | 3.5 | 2.5 |

# SBT III

High Efficiency Circulation Pump


## Applications

1.Domestic heating and hot water supply systems
2.Air and ground source heat pump systems
3.Air-conditioning systems
4.Industrial hot water circulation systems
5.Solar thermal system

## Features and benefits

### Easy installation and operation

Equipped with Self Adapting Mode(Auto Mode, Factory Setting), pump runs once the power is connected and adapts its performance according to actual system needs.
Control is effected by digital pulse-width modulation (PWM) low-voltage signal, enabling the pump to be used to meet different flow requirement in various systems.

### Low noise and high comfort

Noise index: ≤42dB(A)

### Low energy consumption

A class energy efficiency, Power consumption lowest to 5W

### Multiple protection

With over-voltage and over-current protection

### Eco-Design Benchmark

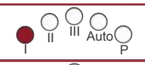
EEI≤0.20-Part 2

### Quick release power plug

Start-up and stop the pump quickly.

# Product photo and control modes


◂ Press button to switch between modes.
（I, II, III, AUTO, BL1, BL2, BL3, HD1, HD2, HD3）

| Lighting area | Explanation | As shown in the figure |
|---|---|---|
| Auto (Factory setting) | Highest to Lowest Proportional Pressure Curve |  |
| I | Constant Speed I |  |
| II | Constant Speed II |  |
| III | Constant Speed III |  |
| BL1 | Lowest Proportional Pressure Cur ve |  |
| BL2 | Intermediate Proportional Pressure Curve |  |
| BL3 | Highest Proportional Pressure Cur ve |  |
| HD1 | Lowest Constant Pressure Curve |  |
| HD2 | Intermediate Constant Pressure Cur ve |  |
| HD3 | Highest Constant Pressure Curve |  |
| PWM | Duty cycle and rotational velocity cur ve |  |

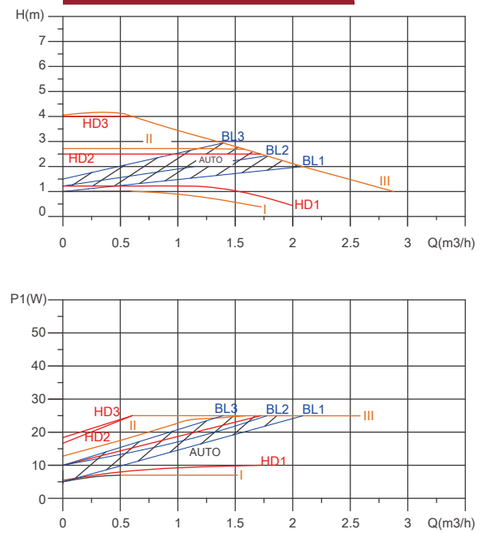
# Technical parameter

## Technical data

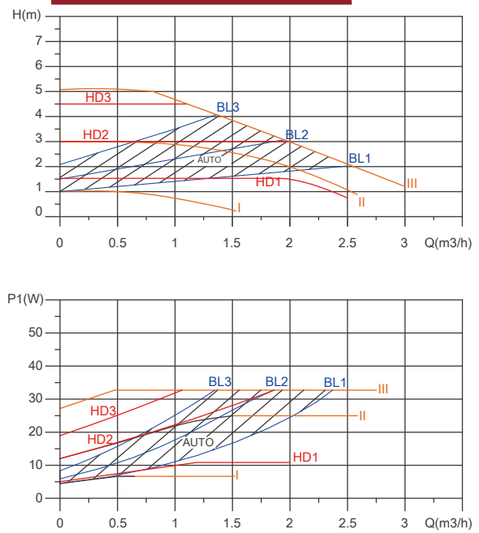
| | |
|---|---|
| Power supply voltage | 230V 50/60Hz, PE |
| Motor protection | No external protection required |
| IP class | IP44 |
| Insulation class | H |
| Humidity（ RH ） | Max 95% |
| System pressure | 1.0 MPa |
| Compliance | CE/ GS/ EMC/ LVD/RoHS/REACH |
| Environment temperature | 0 ~ +70℃ |
| Temperature class | TF110 |
| Liquid temperature | -30 ~ +110℃ (Glycol up to 50%) |

# Performance curve

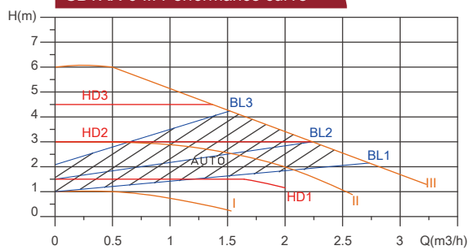
## SBTXX-4 III Performance curve



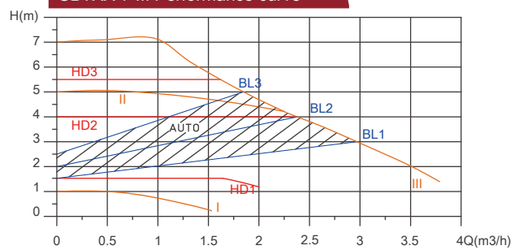

## SBTXX-5 III Performance curve

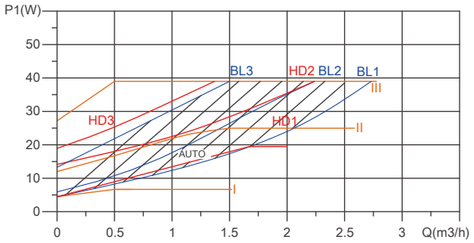


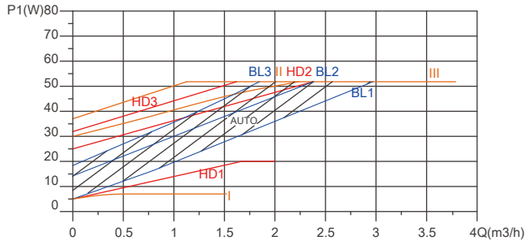
## SBTXX-6 III Performance curve



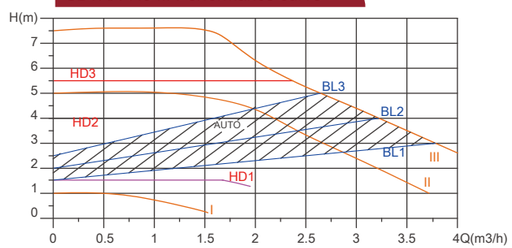

## SBTXX-7 III Performance curve



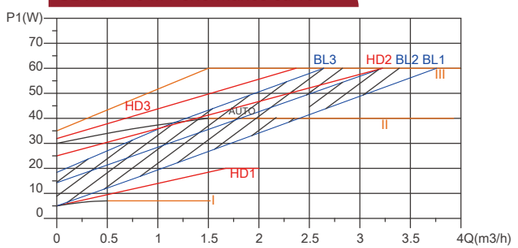



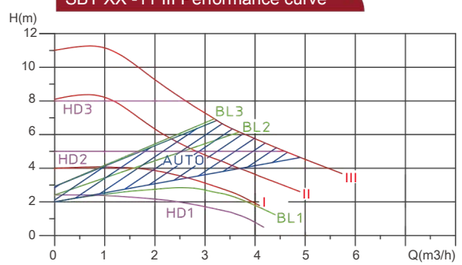

## SBTXX-7.5 III Performance curve

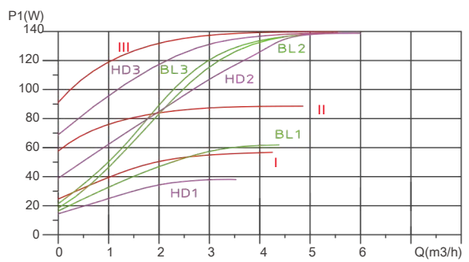



## SBTXX-7.5 III Performance curve



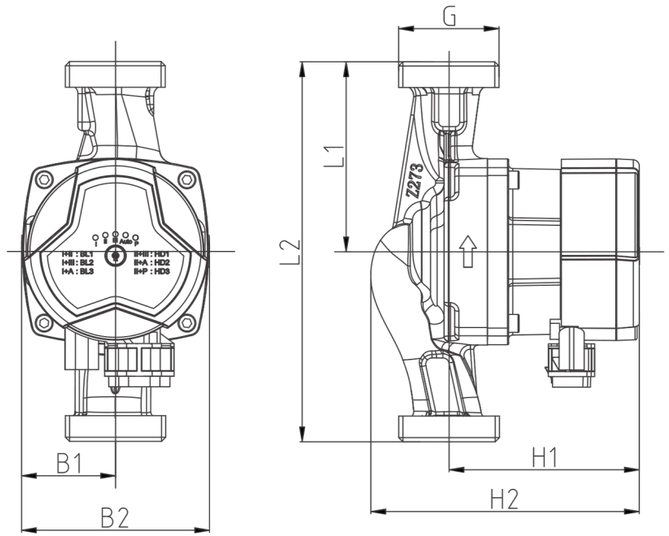

## SBT XX -11 III Performance curve




# Installation drawing and performance parameter

## Installation drawing




## Performance parameter

| Power (W) | Model | Max.Flow ($m^3$/h) | Max. Head (m) | Current (A) | Voltage F/requency 230V 50/60Hz | Pump body material: Cast Iron | Plastic | Copper | Stainless Steel | Dimension(mm) L1 | L2 | B1 | B2 | H1 | H2 | G | Package size (mm*mm*mm) Inner box | Wt.(kg) G.W. | N.W. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 | SBT20-4 III | 2.2 | 4 | 0.25 | ● | ● | ● | ● | ● | 65 | 130 | 45 | 90 | 94 | 122 | 1″ | 155x140x165 | 2.1 | 1.6 |
| | SBT25-4 III | 2.5 | | | ● | ● | | | ● | 65 | 130 | 45 | 90 | 90 | 127 | 11/2″ | 155x140x165 | 2.3 | 1.8 |
| | | | | | ● | ● | | ● | ● | 90 | 180 | 45 | 90 | 90 | 127 | | 200x165x155 | 2.5 | 1.9 |
| | SBT32-4 III | 2.8 | | | ● | ● | | | | 90 | 180 | 45 | 90 | 90 | 127 | 2″ | 200x165x155 | 2.9 | 2.0 |
| 33 | SBT20-5 III | 2.3 | 5 | 0.30 | ● | ● | ● | ● | ● | 65 | 130 | 45 | 90 | 94 | 122 | 1″ | 155x140x165 | 2.1 | 1.6 |
| | SBT25-5 III | 2.8 | | | ● | ● | | | | 65 | 130 | 45 | 90 | 90 | 127 | 11/2″ | 155x140x165 | 2.3 | 1.8 |
| | | | | | ● | ● | | ● | ● | 90 | 180 | 45 | 90 | 90 | 127 | | 200x165x155 | 2.5 | 1.9 |
| | SBT32-5 III | 3.2 | | | ● | ● | | | | 90 | 180 | 45 | 90 | 90 | 127 | 2″ | 200x165x155 | 2.9 | 2.0 |
| 39 | SBT20-6 III | 2.8 | 6 | 0.35 | ● | ● | ● | ● | ● | 65 | 130 | 45 | 90 | 94 | 122 | 1″ | 155x140x165 | 2.1 | 1.6 |
| | SBT25-6 III | 3.2 | | | ● | ● | | | | 65 | 130 | 45 | 90 | 90 | 127 | 11/2″ | 155x140x165 | 2.3 | 1.8 |
| | | | | | ● | ● | | ● | ● | 90 | 180 | 45 | 90 | 90 | 127 | | 200x165x155 | 2.5 | 1.9 |
| | SBT32-6 III | 3.6 | | | ● | ● | | | | 90 | 180 | 45 | 90 | 90 | 127 | 2″ | 200x165x155 | 2.9 | 2.0 |
| 52 | SBT20-7 III | 2.8 | 7 | 0.45 | ● | ● | ● | ● | ● | 65 | 130 | 45 | 90 | 94 | 122 | 1″ | 155x140x165 | 2.1 | 1.6 |
| | SBT25-7 III | 3.4 | | | ● | ● | | | | 65 | 130 | 45 | 90 | 90 | 127 | 11/2″ | 155x140x165 | 2.3 | 1.8 |
| | | | | | ● | ● | | ● | ● | 90 | 180 | 45 | 90 | 90 | 127 | | 200x165x155 | 2.5 | 1.9 |
| | SBT32-7 III | 3.8 | | | ● | ● | | | | 90 | 180 | 45 | 90 | 90 | 127 | 2″ | 200x165x155 | 2.9 | 2.0 |
| 60 | SBT20-7.5 III | 2.8 | 7.5 | | ● | ● | ● | ● | ● | 65 | 130 | 45 | 90 | 94 | 122 | 1″ | 155x140x165 | 2.1 | 1.6 |
| | SBT25-7.5 III | 3.4 | | | ● | ● | | | | 65 | 130 | 45 | 90 | 90 | 127 | 11/2″ | 155x140x165 | 2.3 | 1.8 |
| | | | | | ● | ● | | ● | ● | 90 | 180 | 45 | 90 | 90 | 127 | | 200x165x155 | 2.5 | 1.9 |
| | SBT32-7.5 III | 3.8 | | | ● | ● | | | | 90 | 180 | 45 | 90 | 90 | 127 | 2″ | 20x16.5x15.5 | 2.9 | 2.0 |
| 140 | SBT25-11 | 5.5 | 11 | 1.0 | ● | ● | | | | 90 | 180 | 66 | 132 | 132 | 170 | 1 1/2″ | 205x180x190 | 3.8 | 3.0 |
| | SBT32-11 | 7.0 | 11 | 1.0 | ● | ● | | | | 90 | 180 | 66 | 132 | 132 | 170 | 2″ | 205x180x190 | 4.0 | 3.2 |

# SBT IV

High Efficiency Circulation Pump


## Applications

1. Domestic heating and hot water supply systems
2. Air and ground source heat pump systems
3. Air-conditioning systems
4. Industrial hot water circulation systems
5. Solar thermal system

## Features and benefits

### Easy installation and operation

Equipped with Self Adapting Mode(Auto Mode, Factory Setting), pump runs once the power is connected and adapts its performance according to actual system needs.

Control is effected by digital pulse-width modulation (PWM) low-voltage signal, enabling pump to be used to meet different flow requirement in various systems.

### Low noise and high comfort

Noise index: ≤42dB(A)

### Low energy consumption

A class energy efficiency, Power consumption lowest to 6W

### Multiple protection

With over-voltage and over-current protection.

### Eco-Design Benchmark

EEI≤0.23-Part 2

### Quick release power plug

Start-up and stop the pump quickly.

# Product photo and control modes


| Setting | Explanation |
|---|---|
| AUTO (Factory Setting) | Running with in Defined Range |
| BL | Propotional pressure curve |
| HD | Constant pressure curve |
| HS | Constant speed curve |

◂ Press button to switch between different control modes and increase or decrease the setting with the buttons on left and right side.

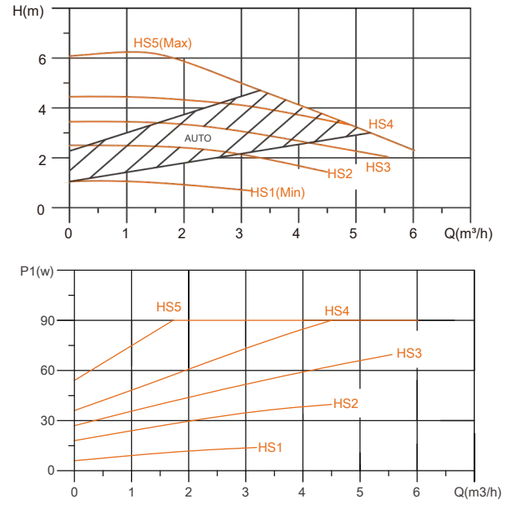
# Technical parameter

## Technical data

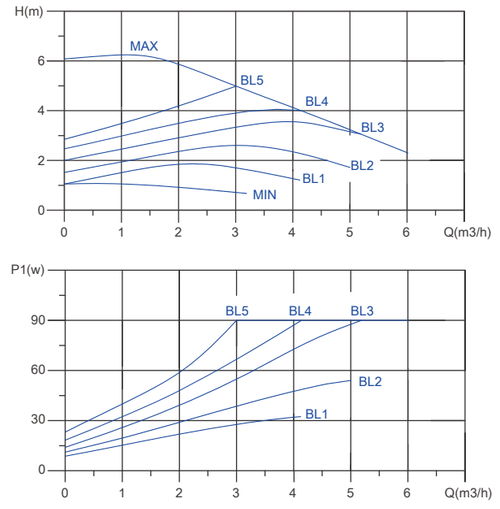
| | |
|---|---|
| Power supply voltage | 230V 50/60Hz, PE |
| Motor protection | No external protection required |
| IP class | IP44 |
| Insulation class | H |
| ( RH ) Humidity | Max. 95% |
| System pressure | 1.0 MPa |
| Compliance | CE/ GS/ EMC/ LVD/RoHS/REACH |
| Environment temperature | 0 ~ +40℃ |
| Temperature class | TF110 |
| Liquid temperature | -30 ~ +110℃ (Glycol up to 50%) |

# Performance curve

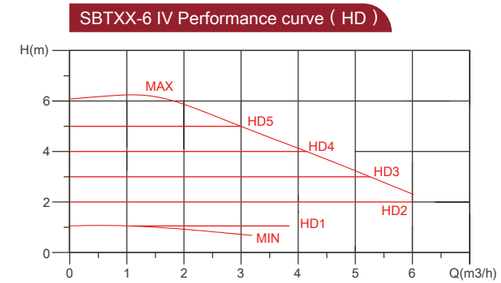
SBTXX-6 IV Performance curve ( HS+AUTO )



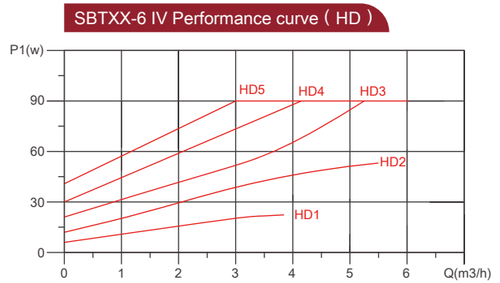

SBTXX-6 IV Performance curve ( BL )



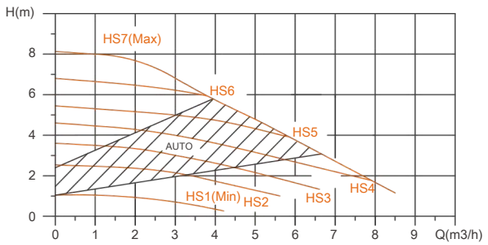

SBTXX-6 IV Performance curve ( HD )



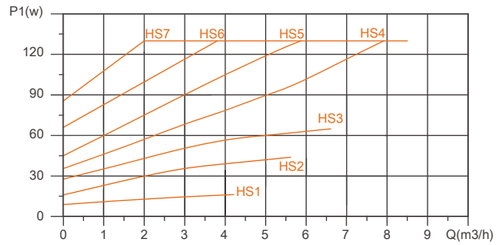

SBTXX-6 IV Performance curve ( HD )



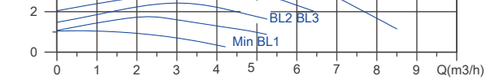
## SBTXX-8 IV Performance curve ( HS+AUTO )

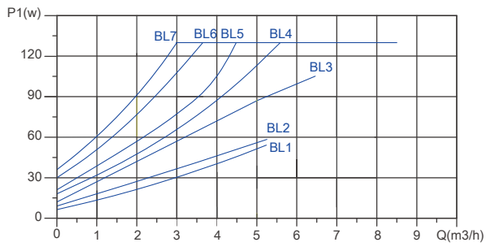



## SBTXX-8 IV Performance curve ( HS+AUTO )

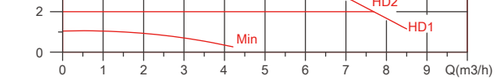


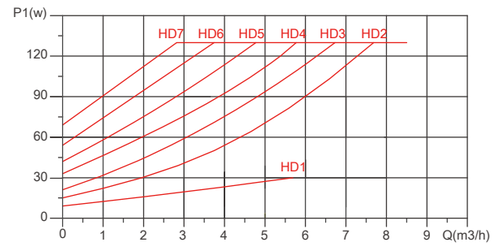

## SBTXX-8 IV Performance curve ( BL )



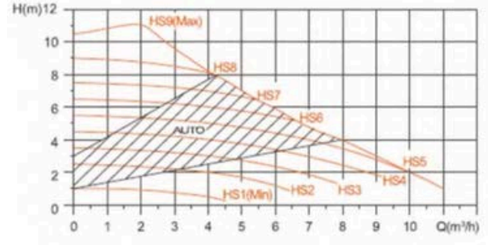



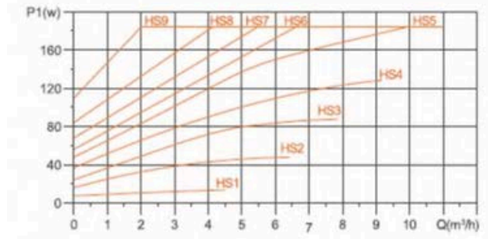

## SBTXX-8 IV Performance curve ( HD )



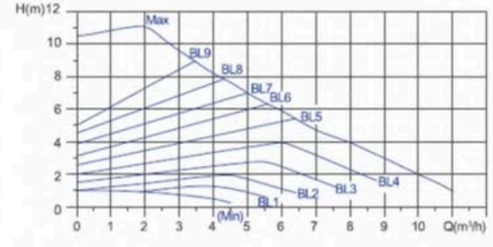



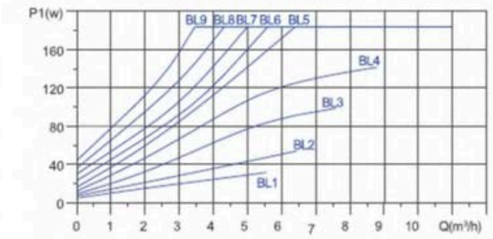

## SBTXX-10 IV Performance curve ( HS+AUTO )



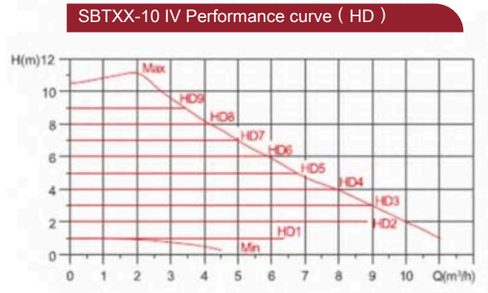




## SBTXX-10 IV Performance curve ( BL )

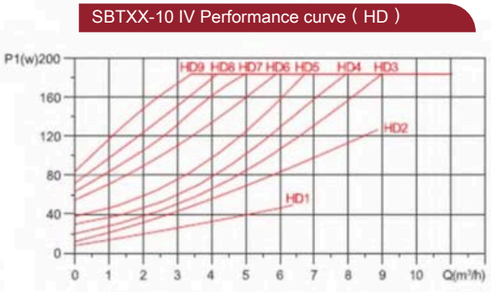



## SBTXX-10 IV Performance curve ( HD )

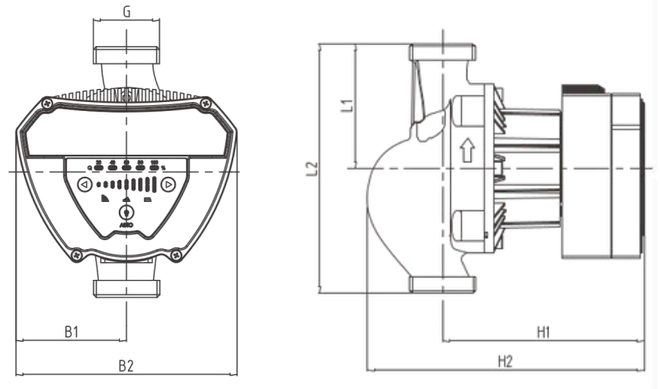



## SBTXX-10 IV Performance curve ( HD )



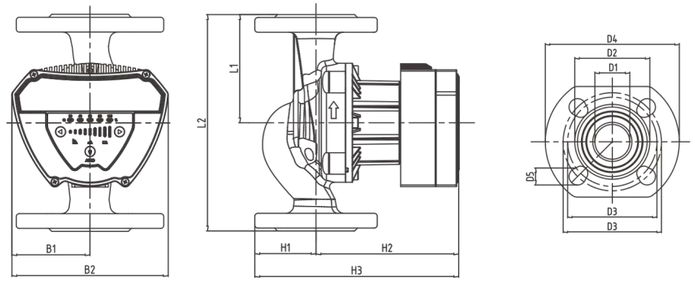
# Installation drawing and performance parameter

## Installation drawing SBT I V (DN25/DN32)




| Model | Pump body material | | Dimension(mm) | | | | | | | Package size (mm*mm*mm) | Wt.(kg) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Cast iron | Stainless Steel | L1 | L2 | B1 | B2 | H1 | H2 | G | Inner box | G.W. | N.W. |
| SBT25-6 IV | ● | ● | 90 | 180 | 80 | 160 | 140 | 199 | 11/2″ | 235x180x200 | 5.0 | 4.5 |
| SBT32-6 IV | ● | | 90 | 180 | 80 | 160 | 140 | 199 | 2″ | 235x180x200 | 5.5 | 5.0 |
| SBT25-8 IV | ● | ● | 90 | 180 | 80 | 160 | 140 | 199 | 11/2″ | 235x180x200 | 5.0 | 4.5 |
| SBT32-8 IV | ● | | 90 | 180 | 80 | 160 | 140 | 199 | 2″ | 235x180x200 | 5.5 | 5.0 |
| SBT25-10 IV | ● | ● | 90 | 180 | 80 | 160 | 140 | 199 | 11/2″ | 235x180x200 | 5.0 | 4.5 |
| SBT32-10 IV | ● | | 90 | 180 | 80 | 160 | 140 | 199 | 2″ | 235x180x200 | 5.5 | 5.0 |

## Installation drawing SBT XX- F I V (DN 40)

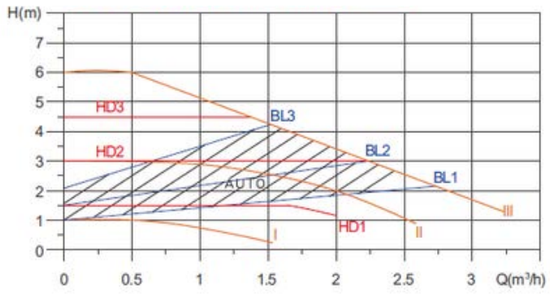


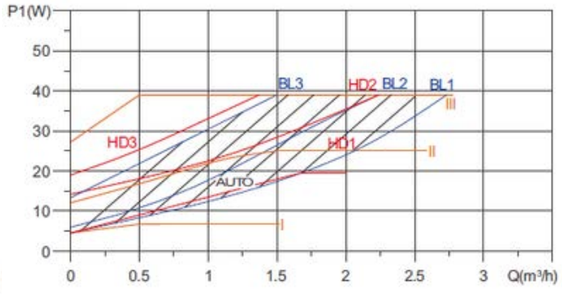

| Model | Pump body material | Dimensions(mm) | | | | | | | | | | | | Package size (mm*mm*mm) | Wt.(kg) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Cast iron | L1 | L2 | B1 | B2 | H1 | H2 | H3 | D1 | D2 | D3 | D4 | D5 | Inner box | G.W. | N.W. |
| SBT40-6F IV | ● | 110 | 220 | 80 | 160 | 62 | 144 | 206 | 40 | 84 | 100/110 | 150 | 19 | 245x210x245 | 10.0 | 7.6 |
| SBT40-8F IV | ● | 110 | 220 | 80 | 160 | 62 | 144 | 206 | 40 | 84 | 100/110 | 150 | 19 | 245x210x245 | 10.0 | 7.6 |
| SBT40-10F IV | ● | 110 | 220 | 80 | 160 | 62 | 144 | 206 | 40 | 84 | 100/110 | 150 | 19 | 245x210x245 | 10.0 | 7.6 |

## Performance parameter

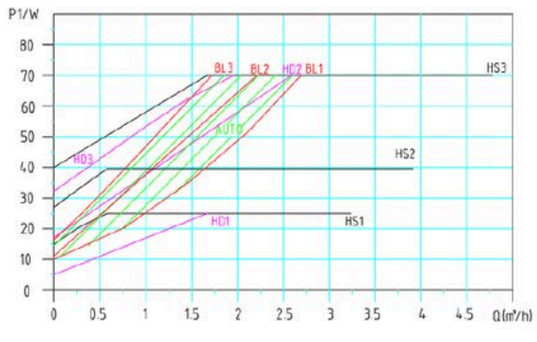
| Model | Max. Flow ($m^3/h$) | Max. Head (m) | Power(W) | | Current(A) | | Volatge/Frequency (V/Hz) |
|---|---|---|---|---|---|---|---|
| | | | Min. | Max. | Min. | Max. | |
| SBT25-6 IV | 5.5 | 6 | 6 | 90 | 0.06 | 0.63 | 230V 50/60Hz |
| SBT25-8 IV | 6.5 | 8 | 8 | 130 | 0.08 | 0.9 | |
| SBT25-10 IV | 7 | 10 | 10 | 185 | 0.1 | 1.25 | |
| SBT25-6N IV | 5.5 | 6 | 6 | 90 | 0.06 | 0.63 | 230V 50/60Hz |
| SBT25-8N IV | 6.5 | 8 | 8 | 130 | 0.08 | 0.9 | |
| SBT25-10N IV | 7 | 10 | 10 | 185 | 0.1 | 1.25 | |
| SBT32-6 IV | 6.5 | 6 | 6 | 90 | 0.06 | 0.63 | 230V 50/60Hz |
| SBT32-8 IV | 8 | 8 | 8 | 130 | 0.08 | 0.9 | |
| SBT32-10 IV | 10 | 10 | 10 | 185 | 0.1 | 1.25 | |
| SBT40-6F IV | 7.5 | 6 | 6 | 90 | 0.06 | 0.63 | 230V 50/60Hz |
| SBT40-8F IV | 8.5 | 8 | 8 | 130 | 0.08 | 0.9 | |
| SBT40-10F IV | 10 | 10 | 10 | 185 | 0.1 | 1.25 | |

## SBT 32-6 III

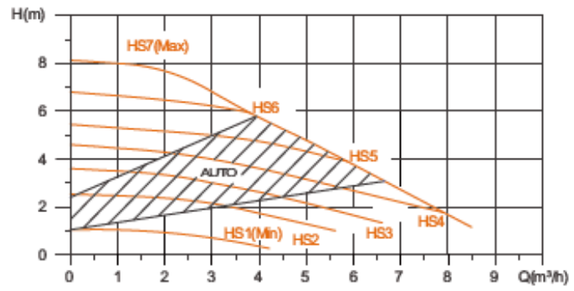


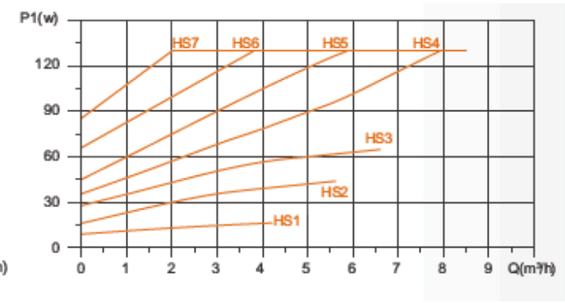




## SBT 32-8 III

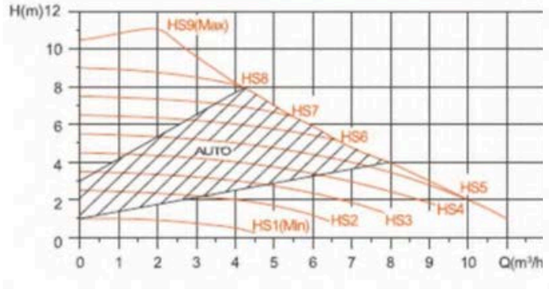



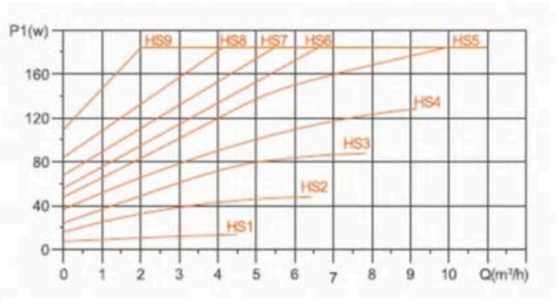

## SBT 32-8 IV



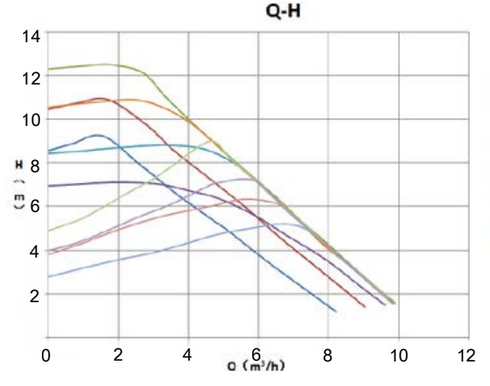



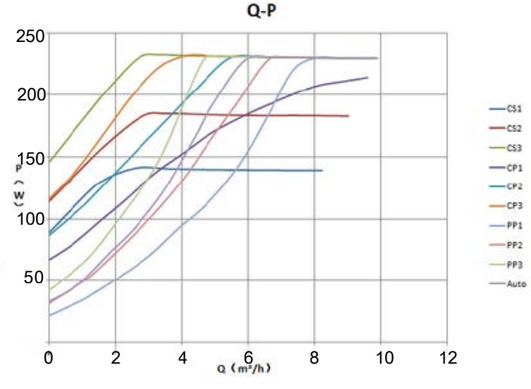

## SBT 32-10 IV



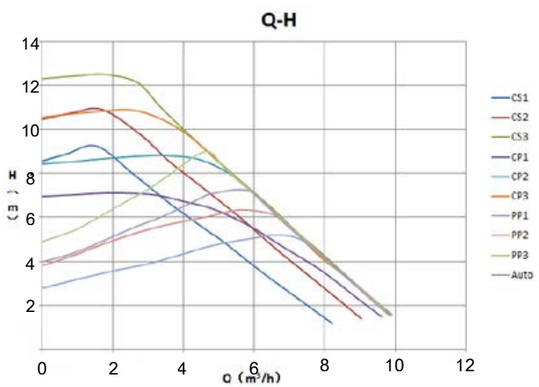



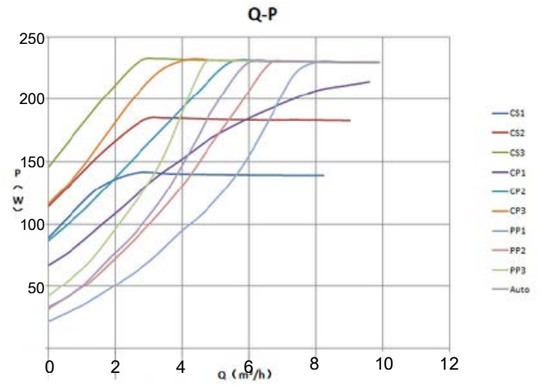

## SBT 32-12



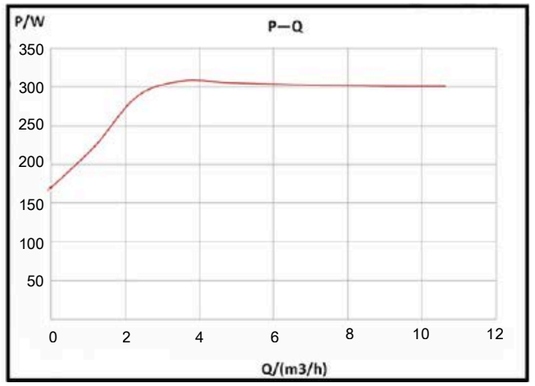



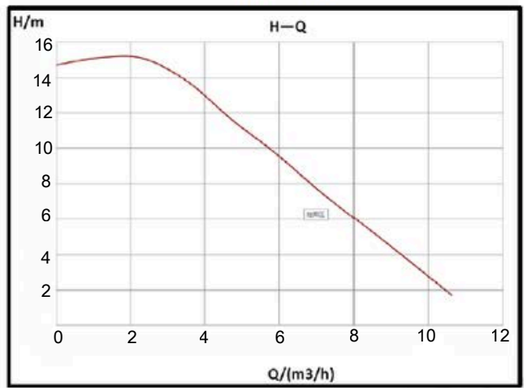
## SBT32-12/180

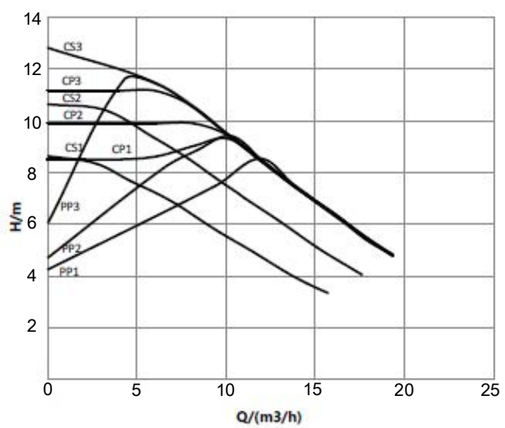



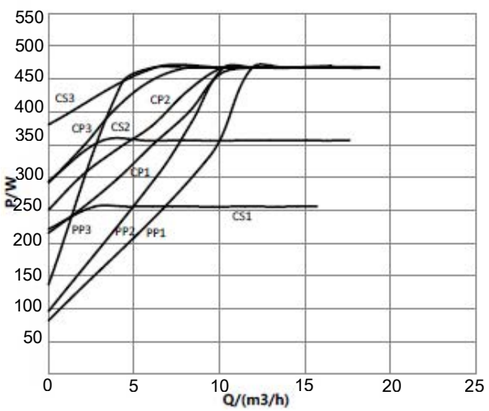

## SBT32-15/180




## SBT40-10F




## SBT40-10F