DUCA

COMMERCIAL PRODUCT RANGE 2026



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DUCA Domestic Product Range 2026

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DUCA

Reliable and Efficient Domestic Solutions

DUCA provides high-quality circulation-pump solutions for residential and commercial building heating systems. As one of Türkiye's leading manufacturers, we combine energy efficiency with durability.

Made in Türkiye

10,000 m² production infrastructure

Quality Assurance

ISO 9001 certified

Energy Efficiency

ErP-compliant products

Engineering

Meticulous design process

14

DOMESTIC PRODUCT FAMILY

+150

PRODUCT OPTIONS

DUCA

PRODUCTION INFRASTRUCTURE

6,000 m² integrated production infrastructure

Designed for traceability, quality and sustainability. At our facility, equipped with modern technology and rigorous quality-control processes, every product is manufactured to the highest standards.

6.000 m²
INDOOR AREA

100%
TRACEABILITY

ISO 9001
QUALITY CERTIFICATE

Environmentally Friendly
SUSTAINABLE

DUCA

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04 FLANGED ›
05 BOOSTING ›
06 3-SPEED ›
07 MEAS. & SAFETY ›

Modern Technology

With state-of-the-art production equipment and our experienced team, we manufacture to high standards of precision and quality.

- Automated assembly lines
- Real-time control system
- High-tech test laboratory
- Digital production tracking system

Quality Focused

We apply rigorous quality-control processes at every stage of production. Our products fully comply with international standards.

- 100% tested products
- Traceability by serial number
- CE and ErP certifications
- ISO 9001 quality management system

DUCA

ENGINEERING EXCELLENCE

Precision in Every Detail

Where engineering meets purpose

Concept Development

The stage in which a new product idea is translated into an initial design approach based on technical requirements.

R&D Engineering

The process in which product performance, material selection and alternative technical solutions are developed from an engineering perspective.

DFM / DFA

The engineering-optimization stage in which the design is evaluated for manufacturability and ease of assembly.

Prototyping

The stage in which the design is turned into a physical sample ready for testing and evaluation.

DVT Validation

The process of verifying that the product complies with design requirements, performance criteria and technical standards.

Pre-Production

The preparation stage in which the process, equipment and product flow are tested under controlled conditions before mass production.

DUCA

OUR ENGINEERING PHILOSOPHY

Engineered with Precision. Delivered with Confidence.

Every DUCA product is brought to life through a combination of engineering precision and quality standards.

SMART SELECTION TABLE

	Cooling	Heating	Pressure Boosting	Recirculation	PWM	Solar (PWM2)	Suitable for Drinking Water	ERP	Page Number
TRE3S		•					• (Optional)	•	9
TRE3M		•			•	• (Optional)	• (Optional)	•	11
TRE3L	• (Optional)	•			•	• (Optional)	• (Optional)	•	13
COSMO+	• (Optional)	•			•	• (Optional)	• (Optional)	•	15
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MASTER-S		•			•	•	• (Optional)	•	25
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DUCA

PRODUCT FAMILY

TRE3 SERIES



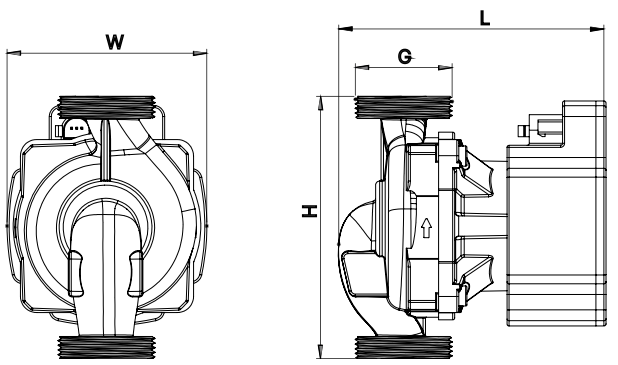
TRE3 SERIES



Max. Flow Rate	Max. Head
4,5 m3/h	9,5m

Key Features

- Proportional-pressure mode (M-L)
- Constant-speed mode
- Constant-pressure mode (M-L)
- Automatic Adaptation Mode (M–L)
- PWM Mode (M–L)
- Suitable for cooling systems (L optional)
- EEI ≤ 0.21
- 50 variant options



W 99 mm
L 130 mm
H 130 mm
G 1½”

40,60DM EEI ≤ 0.20, 80DM EEI ≤ 0.21, 95DM EEI ≤ 0.21

iPWM ErP READY CE RoHS Compliant MADE IN TURKİYE

Applications

Residential heating systems and small-to-medium closed-loop installations.

Operating Conditions

Maximum Temperature
0°C to 110°C

Maximum Pressure
10 bar

Ambient Temperature
0～40°

Protection Class
IPX4 (S)
IP44 (M-L)

Nominal Voltage/Frequency
220V～240V/50～60Hz

Power Consumption
150 W

TRE3S

40,60DM EEI ≤ 0.20, 80DM EEI ≤ 0.21, 95DM EEI ≤ 0.21

iPWM ErP READY CE RoHS Compliant MADE IN TURKİYE

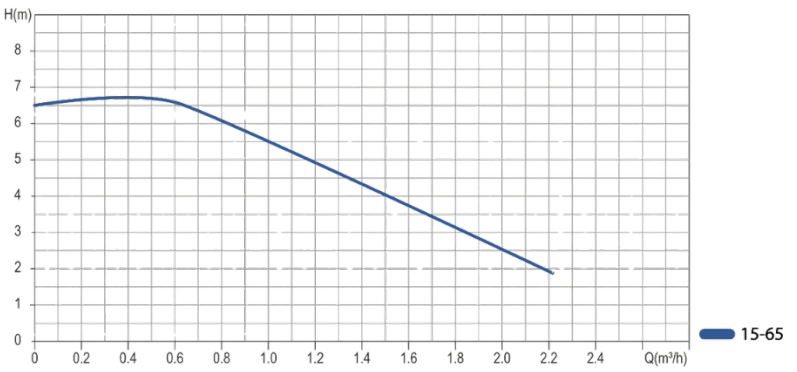


XX-65

(OPTIONAL DN 15/25/32 - 130/180 mm)

MAX. FLOW RATE **MAX. HEAD**

2.5 m³/h 6.5 m



	Model	Model Code	Max. Flow Rate (m³/h)	Max. Head (m)	Suitable for Drinking Water	Solar (PWM2)	Heating	Cooling	Housing Material	Min./Max. Temperature (°C)	L (mm)	DN (mm)	P1 Max. (W)	Voltage (V)	Rated Current (A)	Union
TRES **65	TRE3S 15-65-130 C	1003-00501	2,5	6,5			•		Cast Iron	0~110	130	15	120	1×230	0,45	G1 → G3/4
	TRE3S 25-65-130 C	1003-00601					•		Cast Iron		130	25	120			G1½ → G1
	TRE3S 15-65-180 C	1003-00701					•		Cast Iron		180	25	54			G1½ → G1
	TRE3S 25-65-180 C	1003-00801					•		Cast Iron		180	32	54			G2 → G1¼
	TRE3S 15-65-130 B	1003-00901			•		•		Bronze		130	15	54			G1 → G3/4
	TRE3S 25-65-130 B	1003-01001			•		•		Bronze		130	25	54			G1½ → G1
	TRE3S 15-65-180 B	1003-01101			•		•		Bronze		180	25	54			G1½ → G1
	TRE3S 25-65-180 B	1003-01201			•		•		Bronze		180	32	54			G2 → G1¼

TRE3M

EEI ≤ 0.20 ErP READY

CE RoHS Compliant

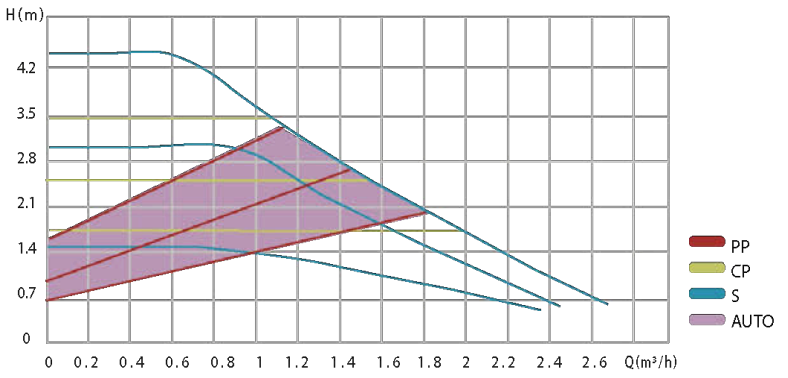


XX-40

(OPTIONAL DN 15/25 - 130 mm)

MAX. FLOW RATE **MAX. HEAD**

2.5 m³/h 4 m

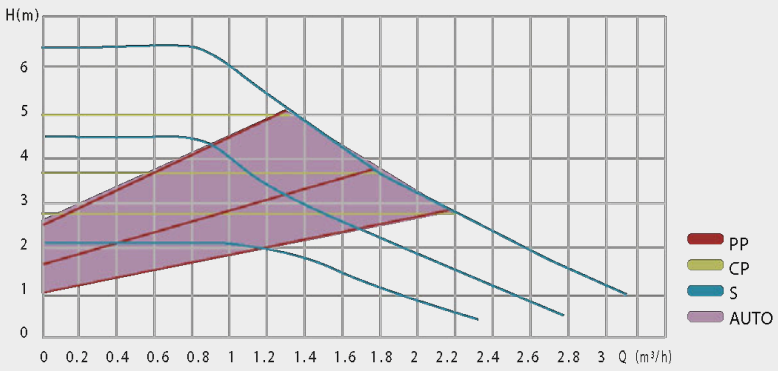


XX-60

(OPTIONAL DN 15/25/32 - 130/180 mm)

MAX. FLOW RATE **MAX. HEAD**

3.2 m³/h 6 m

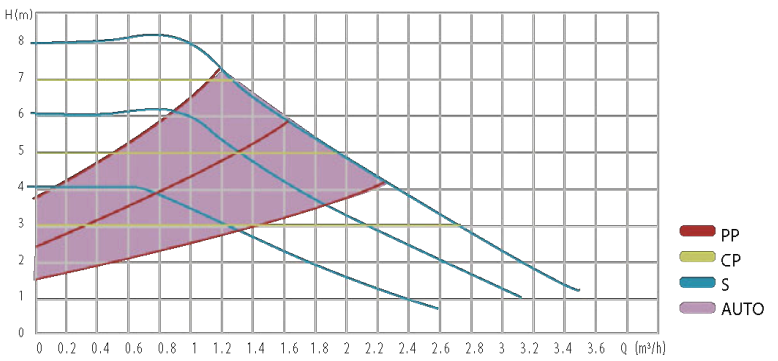


XX-80

(OPTIONAL DN 15/25/32 - 130/180 mm)

MAX. FLOW RATE **MAX. HEAD**

3.5 m³/h 8 m



	Model	Model Code	Max. Flow Rate (m³/h)	Max. Head (m)	Suitable for Drinking Water	Solar (PWM2)	Heating	Cooling	Housing Material	Min./Max. Temperature (°C)	L (mm)	DN (mm)	P1 Max. (W)	Voltage (V)	Rated Current (A)	Union
TREM **40	TRE3M 15-40-130 C	1004-00601	2,5	4			•		Cast Iron		180	15	40		0,37	G1 → G3/4
	TRE3M 25-40-130 C	1004-00701	2,5	4			•		Cast Iron		130	25	40		0,37	G1½ → G1
	TRE3M 15-40-130 B	1004-00801	2,5	4	•		•		Bronze		130	15	40		0,37	G1 → G3/4
	TRE3M 25-40-130 B	1004-00901	2,5	4	•		•		Bronze		130	25	40		0,37	G1½ → G1
	TRE3M 15-40-130 C Solar	1004-02601	2,5	4		•	•		Cast Iron		130	15	40		0,37	G1 → G3/4
	TRE3M 25-40-130 C Solar	1004-02701	2,5	4		•	•		Cast Iron		180	25	40		0,37	G1½ → G1
TREM **40	TRE3M 15-60-130 C	1004-01001	3,2	6			•		Cast Iron	0~110	130	15	50	1×230	0,45	G1 → G3/4
	TRE3M 25-60-130 C	1004-01101	3,2	6			•		Cast Iron		180	25	50		0,45	G1½ → G1
	TRE3M 25-60-180 C	1004-01201	3,2	6			•		Cast Iron		180	25	50		0,45	G1½ → G1
	TRE3M 32-60-180 C	1004-01301	3,2	6			•		Cast Iron		130	32	50		0,45	G2 → G1¼
	TRE3M 15-60-130 B	1004-01401	3,2	6	•		•		Bronze		130	15	50		0,45	G1 → G3/4
	TRE3M 25-60-130 B	1004-01501	3,2	6	•		•		Bronze		180	25	50		0,45	G1½ → G1
	TRE3M 25-60-180 B	1004-01601	3,2	6	•		•		Bronze		180	25	50		0,45	G1½ → G1
	TRE3M 32-60-180 B	1004-01701	3,2	6	•		•		Bronze		130	32	50		0,45	G2 → G1¼
	TRE3M 15-60-130 C Solar	1004-02801	3,2	6		•	•		Cast Iron		180	15	50		0,45	G1 → G3/4
	TRE3M 25-60-130 C Solar	1004-02901	3,2	6		•	•		Cast Iron		130	25	50		0,45	G1½ → G1
	TRE3M 25-60-180 C Solar	1004-03101	3,2	6		•	•		Cast Iron		130	25	50		0,45	G1½ → G1
	TRE3M 32-60-180 C Solar	1004-01801	3,2	6		•	•		Cast Iron		180	32	50		0,45	G2 → G1¼
TRE3M **80	TRE3M 15-80-130 C	1004-01901	3,5	8			•		Cast Iron		130	15	50		0,45	G1 → G3/4
	TRE3M 25-80-130 C	1004-02001	3,5	8			•		Cast Iron		130	25	50		0,45	G1½ → G1
	TRE3M 25-80-180 C	1004-02101	3,5	8			•		Cast Iron		130	25	50		0,45	G1½ → G1
	TRE3M 32-80-180 C	1004-02201	3,5	8			•		Cast Iron		130	32	50		0,45	G2 → G1¼
	TRE3M 15-80-130 B	1004-02301	3,5	8	•		•		Bronze		130	15	50		0,45	G1 → G3/4
	TRE3M 25-80-130 B	1004-02401	3,5	8	•		•		Bronze		180	25	50		0,45	G1½ → G1
	TRE3M 25-80-180 B	1004-02501	3,5	8	•		•		Bronze		180	25	50		0,45	G1½ → G1
	TRE3M 32-80-180 B	1004-03001	3,5	8	•		•		Bronze		130	32	50		0,45	G2 → G1¼
	TRE3M 15-80-130 C Solar	1004-03201	3,5	8		•	•		Cast Iron		180	15	50		0,45	G1 → G3/4
	TRE3M 25-80-130 C Solar	1004-03301	3,5	8		•	•		Cast Iron		130	25	50		0,45	G1½ → G1
	TRE3M 25-80-180 C Solar	1004-03401	3,5	8		•	•		Cast Iron		130	25	50		0,45	G1½ → G1
	TRE3M 32-80-180 C Solar	1004-03501	3,5	8		•	•		Cast Iron		180	32	50		0,45	G2 → G1¼

TRE3L

EEI ≤ 0.20 ErP READY

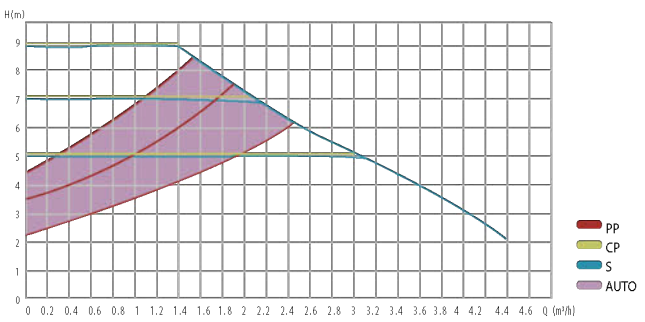
CE RoHS Compliant



XX-95

(OPTIONAL DN 15/25/32 - 130/180 mm)

MAX. FLOW RATE	MAX. HEAD
4.5 m³/h	9 m



	Model	Model Code	Max. Flow Rate (m³/h)	Max. Head (m)	Suitable for Drinking Water	Solar (PWM2)	Heating	Cooling	Housing Material	Min./Max. Temperature (°C)	L (mm)	DN (mm)	P1 Max. (W)	Voltage (V)	Rated Current (A)	Union
TREL **95	TRE3L 25-95-130 C	1005-00101					•		Cast Iron		130	15				G1 → G3/4
	TRE3L 25-95-180 C	1005-00201					•		Cast Iron		180	25				G1½ → G1
	TRE3L 32-95-180 C	1005-00301					•		Cast Iron		180	32				G1½ → G1
	TRE3L 25-95-130 B	1005-00401			•		•		Bronze		130	15				G1 → G3/4
	TRE3L 25-95-180 B	1005-00501			•		•		Bronze		180	25				G1½ → G1
	TRE3L 32-95-180 B	1005-00601	4,5	9	•		•		Bronze	0~110	180	32	100	1×230	0,65	G1½ → G1
	TRE3L 25-95-130 C HC	1005-00701					•	•	Cast Iron		130	15				G1 → G3/4
	TRE3L 25-95-180 C HC	1005-00801					•	•	Cast Iron		180	25				G1½ → G1
	TRE3L 32-95-180 C HC	1005-00901					•	•	Cast Iron		180	32				G1½ → G1
	TRE3L 25-95-130 C Solar	1005-01001				•	•		Cast Iron		130	15				G1 → G3/4
	TRE3L 25-95-180 C Solar	1005-01101				•	•		Cast Iron		180	25				G1½ → G1
	TRE3L 32-95-180 C Solar	1005-01201				•	•		Cast Iron		180	32				G1½ → G1

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DUCA

PRODUCT FAMILY

COSMO+ SERIES



COSMO+ SERIES



Max. Flow Rate

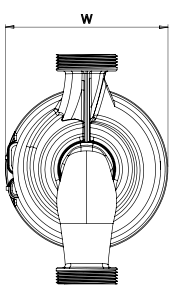
12 m3/h

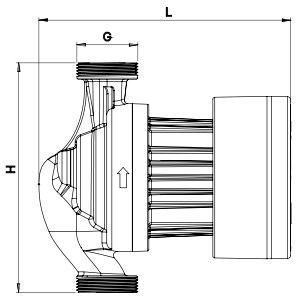
Max. Head

20 m

Key Features

- Proportional-pressure mode
- Constant-speed mode
- Constant-pressure mode
- Automatic Adaptation Mode
- PWM Mode
- Suitable for cooling systems (optional)
- EEI ≤ 0.21
- 40 variant options





W 127 mm

H 180 mm

L 197,5 mm

EEI ≤ 0.21
iPWM ErP READY CE RoHS Compliant TSE

Applications

Large residential, boiler-room and commercial closed-loop heating systems.

Operating Conditions

Maximum Ambient Temperature
+40 °C

Mains Connection
220 V~240 V / 50~60Hz

Insulation Class
H

Protection Class
IP44

Properties of the Pumped Fluid
Clean, non-toxic and chemically neutral fluid, free of solids and mineral oils, with properties similar to water.

Installation
The motor shaft must be kept horizontal.

COSMO+

EEI ≤ 0.21
iPWM ErP READY CE RoHS Compliant TSE

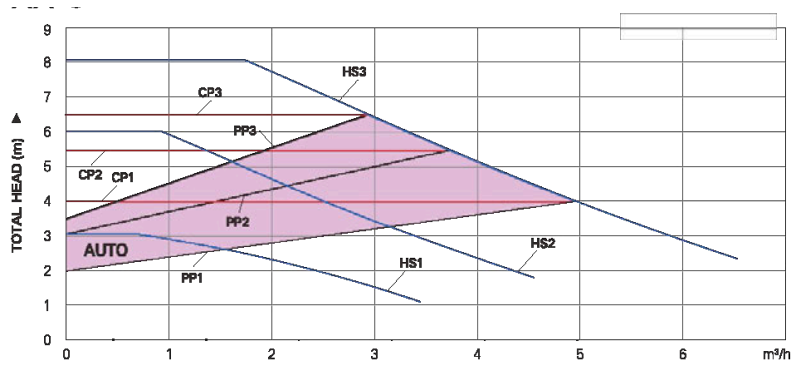


XX-8

(OPTIONAL DN 25/32 - 180 mm)

MAX. FLOW RATE **MAX. HEAD**

7.5 m³/h 8 m

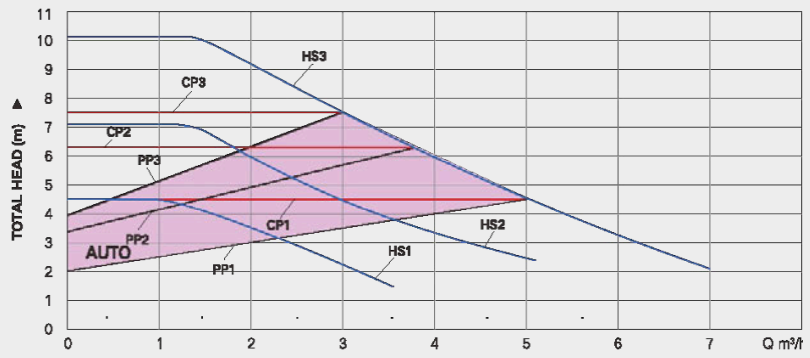


XX-10

(OPTIONAL DN 25/32 - 180 mm)

MAX. FLOW RATE **MAX. HEAD**

8 m³/h 10 m

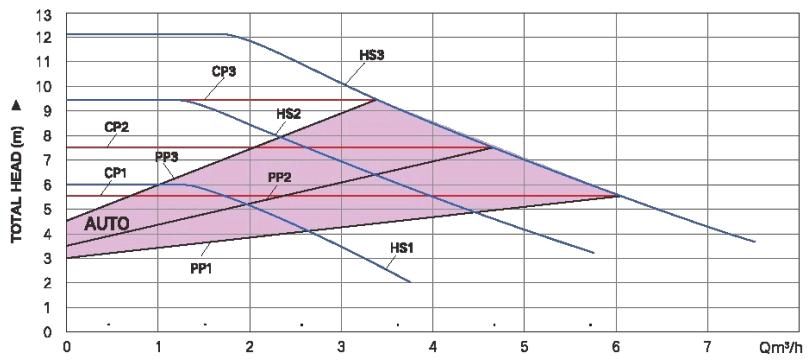


XX-12

(OPTIONAL DN 25/32 - 180 mm)

MAX. FLOW RATE **MAX. HEAD**

8.5 m³/h 12 m



	Model	Model Code	Max. Flow Rate (m³/h)	Max. Head (m)	Suitable for Drinking Water	Solar (PWM2)	Heating	Cooling	Housing Material	Min./Max. Temperature (°C)	L (mm)	DN (mm)	P1 Max. (W)	Voltage (V)	Rated Current (A)	Union
COSMO+ **8	COSMO+ 25-80-180 C	1006-00101	7,5	8			•		Cast Iron	2~110	180	25	120	1×230	1,04	G1½ → G1
	COSMO+ 32-80-180 C	1006-00201					•		Cast Iron			32				G2 → G1½
	COSMO+ 25-80-180 B	1006-00301			•		•		Bronze			25				G1½ → G1
	COSMO+ 32-80-180 B	1006-00401			•		•		Bronze			32				G2 → G1½
	COSMO+ 25-80-180 C HC	1006-02101					•	•	Cast Iron			25				G1½ → G1
	COSMO+ 32-80-180 C HC	1006-02201					•	•	Cast Iron			32				G2 → G1½
	COSMO+ 25-80-180 C Solar	1006-03101				•	•		Cast Iron			25				G1½ → G1
	COSMO+ 32-80-180 C Solar	1006-03201				•	•		Cast Iron			32				G2 → G1½

	Model	Model Code	Max. Flow Rate (m³/h)	Max. Head (m)	Suitable for Drinking Water	Solar (PWM2)	Heating	Cooling	Housing Material	Min./Max. Temperature (°C)	L (mm)	DN (mm)	P1 Max. (W)	Voltage (V)	Rated Current (A)	Union
COSMO+ **10	25-100-180 C	1006-00501	8	10			•		Cast Iron	2~110	180	25	150	1×230	1,25	G1½ → G1
	32-100-180 C	1006-00601					•		Cast Iron			32				G2 → G1½
	25-100-180 B	1006-00701			•		•		Bronze			25				G1½ → G1
	32-100-180 B	1006-00801			•		•		Bronze			32				G2 → G1½
	25-100-180 C HC	1006-02301					•	•	Cast Iron			25				G1½ → G1
	32-100-180 C HC	1006-02401					•	•	Cast Iron			32				G2 → G1½
	25-100-180 C Solar	1006-03301				•	•		Cast Iron			25				G1½ → G1
	32-100-180 C Solar	1006-03401				•	•		Cast Iron			32				G2 → G1½

	Model	Model Code	Max. Flow Rate (m³/h)	Max. Head (m)	Suitable for Drinking Water	Solar (PWM2)	Heating	Cooling	Housing Material	Min./Max. Temperature (°C)	L (mm)	DN (mm)	P1 Max. (W)	Voltage (V)	Rated Current (A)	Union
COSMO+ **12	25-120-180 C	1006-00901	8,5	12			•		Cast Iron	2~110	180	25	180	1×230	1,40	G1½ → G1"
	32-120-180 C	1006-01001					•		Cast Iron			32				G2" → G1½"
	25-120-180 B	1006-01101			•		•		Bronze			25				G1½ → G1"
	32-120-180 B	1006-01201			•		•		Bronze			32				G2" → G1½"
	25-120-180 C HC	1006-02501					•	•	Cast Iron			25				G1½ → G1"
	32-120-180 C HC	1006-02601					•	•	Cast Iron			32				G2" → G1½"
	25-120-180 C Solar	1006-03501				•	•		Cast Iron			25				G1½ → G1"
	32-120-180 C Solar	1006-03601				•	•		Cast Iron			32				G2" → G1½"

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DUCA

PRODUCT FAMILY

MASTER SERIES



MASTER SERIES



Max. Flow Rate

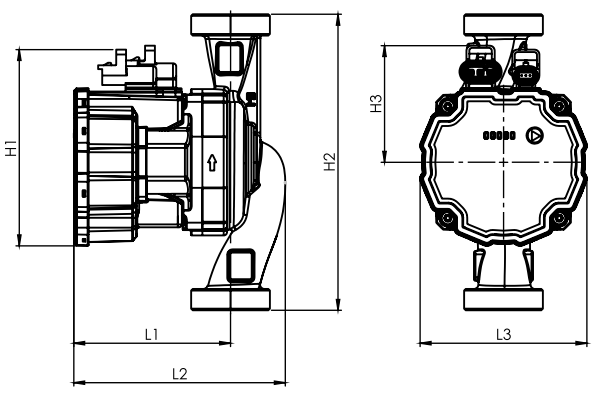
3,5 m3/h

Max. Head

8 m

Key Features

- Proportional-pressure mode
- Constant-speed mode
- Constant-pressure mode
- Automatic Adaptation Mode
- PWM Mode
- Suitable for cooling and solar systems (optional)
- EEI ≤ 0.21
- 26 variant options



L1 93 mm
L2 126 mm
L3 99 mm

H1 110 mm
H2 130/180 mm
H3 60 mm

40,60DM EEI ≤ 0.20, 80DM EEI ≤ 0.21, 95DM EEI ≤ 0.21

iPWM ErP READY CE RoHS Compliant MADE IN TURKİYE

Applications

Residential heating systems and small-to-medium closed-loop installations.

Operating Conditions

Fluid Temperature
2 °C ~ 110 °C

Maximum System Pressure
10 bar

Ambient Temperature
0 °C ~ +40 °C

Protection Class
IP42

Rated voltage/frequency
220 V–240 V / 50 Hz

Insulation Class
E

Installation
The motor shaft must be kept horizontal.

Pumped Fluid Properties
Clean, non-toxic and chemically neutral fluid, free of solids and mineral oils, with properties similar to water.

MASTER

40,60DM EEI ≤ 0.20, 80DM EEI ≤ 0.21, 95DM EEI ≤ 0.21

iPWM ErP READY CE RoHS Compliant MADE IN TURKİYE

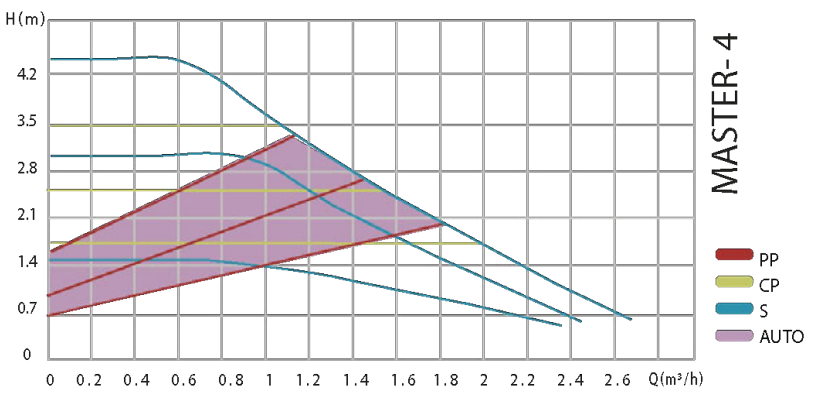


XX-4

(OPTIONAL DN 15/25 - 130/180 mm)

MAX. FLOW RATE **MAX. HEAD**

2.6 m³/h 4 m

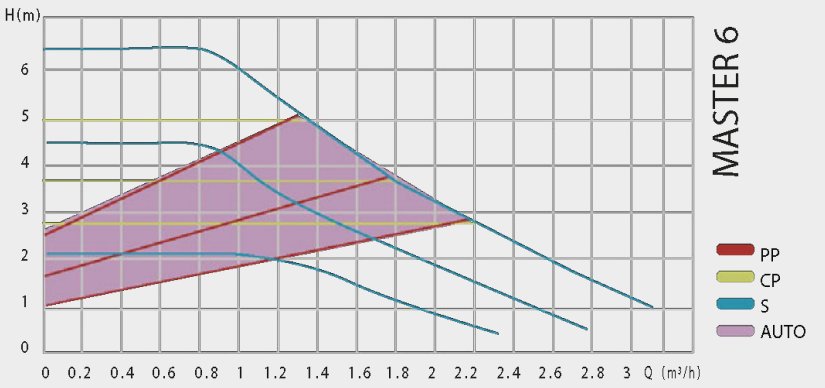


XX-6

(OPTIONAL DN 15/25/32 - 130/180 mm)

MAX. FLOW RATE **MAX. HEAD**

3.2 m³/h 6 m

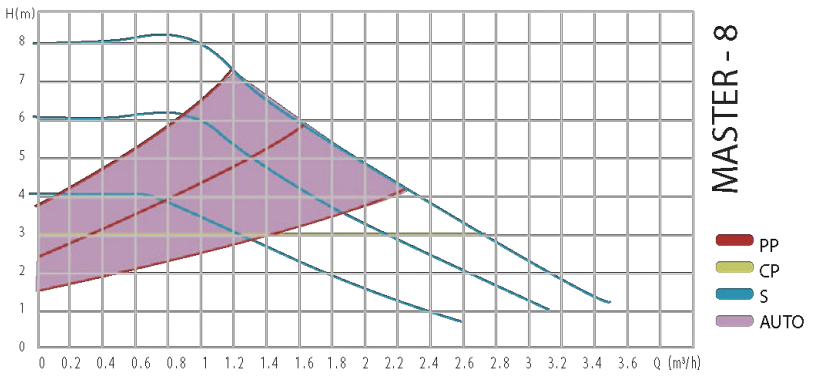


XX-8

(OPTIONAL DN 15/25/32 - 130/180 mm)

MAX. FLOW RATE **MAX. HEAD**

3.5 m³/h 8 m



MASTER **4	Model	Model Code	Max. Flow Rate (m³/h)	Max. Head (m)	Suitable for Drinking Water	Solar (PWM2)	Heating	Cooling	Housing Material	Min./Max. Temperature (°C)	L (mm)	DN (mm)	P1 Max. (W)	Voltage (V)	Rated Current (A)	Union
	15-40-130 C	1009-00101	2,6	4			•		Cast Iron	2~110	130	15	25	1×230	0,30	G1 → G3/4
	25-40-130 C	1009-00201					•		Cast Iron		130	25				G1½ → G1
	25-40-180 C	1009-00301					•		Cast Iron		180	25				G1½ → G1
	15-40-130 B	1009-00401			•		•		Bronze		130	15				G1 → G3/4
	25-40-130 B	1009-00501			•		•		Bronze		130	25				G1½ → G1
	25-40-180 B	1009-00601			•		•		Bronze		180	25				G1½ → G1

MASTER **6	Model	Model Code	Max. Flow Rate (m³/h)	Max. Head (m)	Suitable for Drinking Water	Solar (PWM2)	Heating	Cooling	Housing Material	Min./Max. Temperature (°C)	L (mm)	DN (mm)	P1 Max. (W)	Voltage (V)	Rated Current (A)	Union
	15-60-130 C	1009-00701	3,2	6			•		Cast Iron	2~110	130	15	40	1×230	0,50	G1 → G3/4
	25-60-130 C	1009-00801					•		Cast Iron		130	25				G1½ → G1
	25-60-180 C	1009-00901					•		Cast Iron		180	25				G1½ → G1
	32-60-180 C	1009-01001					•		Cast Iron		180	32				G2 → G1¼
	15-60-130 B	1009-01101			•		•		Bronze		130	15				G1 → G3/4
	25-60-130 B	1009-01201			•		•		Bronze		130	25				G1½ → G1
	25-60-180 B	1009-01301			•		•		Bronze		180	25				G1½ → G1
	32-60-180 B	1009-01401			•		•		Bronze		180	32				G2 → G1¼

MASTER **8	Model	Model Code	Max. Flow Rate (m³/h)	Max. Head (m)	Suitable for Drinking Water	Solar (PWM2)	Heating	Cooling	Housing Material	Min./Max. Temperature (°C)	L (mm)	DN (mm)	P1 Max. (W)	Voltage (V)	Rated Current (A)	Union
	15-80-130 C	1009-01501	3,5	8			•		Cast Iron	2~110	130	15	65	1×230	0,65	G1 → G3/4
	25-80-130 C	1009-01601					•		Cast Iron		130	25				G1½ → G1
	25-80-180 C	1009-01701					•		Cast Iron		180	25				G1½ → G1
	32-80-180 C	1009-01801					•		Cast Iron		180	32				G2 → G1¼
	15-80-130 B	1009-01901			•		•		Bronze		130	15				G1 → G3/4
	25-80-130 B	1009-02001			•		•		Bronze		130	25				G1½ → G1
	25-80-180 B	1009-02101			•		•		Bronze		180	25				G1½ → G1
	32-80-180 B	1009-02201			•		•		Bronze		180	32				G2 → G1¼

MASTER-S

EEI ≤ 0.20
ErP READY
CE RoHS Compliant

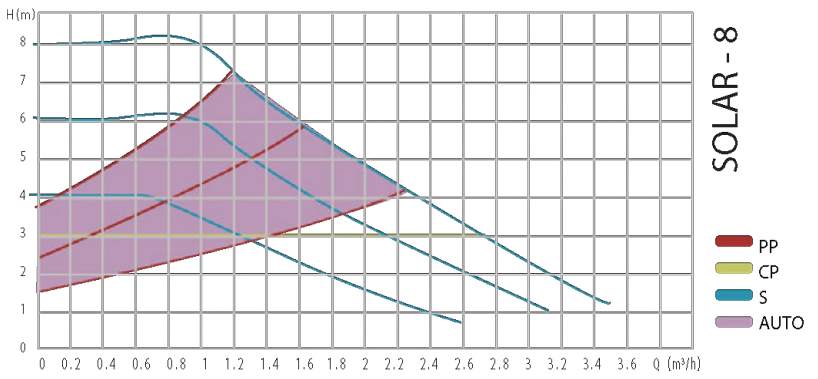


XX-8

(OPTIONAL DN 15/25/32 - 130/180 mm)

MAX. FLOW RATE **MAX. HEAD**

3.5 m³/h 8 m



MASTER S

Model	Model Code	Max. Flow Rate (m³/h)	Max. Head (m)	Suitable for Drinking Water	Solar (PWM2)	Heating	Cooling	Housing Material	Min./Max. Temperature (°C)	L (mm)	DN (mm)	P1 Max. (W)	Voltage (V)	Rated Current (A)	Union
15-80-130 C Solar	1009-02301	3,5	8		•	•		Cast Iron	2~110	130	15	65	1×230	0,65	G1 → G3/4
25-80-130 C Solar	1009-02401				•	•				130	25				G1½ → G1
25-80-180 C Solar	1009-02501				•	•				180	25				G1½ → G1
32-80-180 C Solar	1009-02601				•	•				180	32				G2 → G1¼

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DUCA

PRODUCT FAMILY

COSMO SERIES



COSMO SERIES





Max. Flow Rate

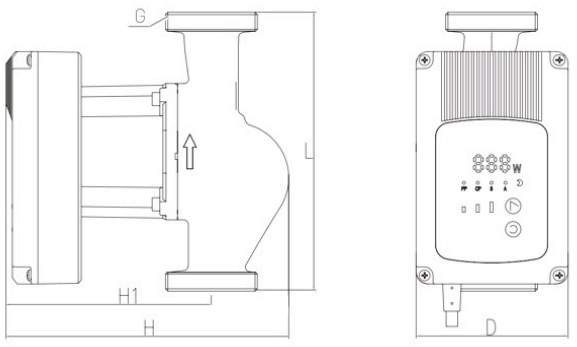
10 m3/h

Max. Head

12 m

Key Features

- Proportional-pressure mode
- Constant-speed mode
- Constant-pressure mode
- Automatic Adaptation Mode
- Night Mode
- Real-time power display
- EEI ≤ 0.21
- 12 variant options



W 127 mm
H 133 mm
L 180 mm

D 97 mm

EEI ≤ 0.23

Applications

Large residential, boiler-room and commercial closed-loop heating systems.

Operating Conditions

Maximum Temperature
2°～110°

Maximum System Pressure
10 bar

Ambient Temperature
0～+40°

Protection Class
IP42

Nominal Voltage/Frequency
220V～240V/50～60Hz

Insulation Class
F

Installation
The motor shaft must be kept horizontal.

Properties of the Pumped Fluid
Clean, non-toxic and chemically neutral fluid, free of solids and mineral oils, with properties similar to water.

COSMO

EEI ≤ 0.23

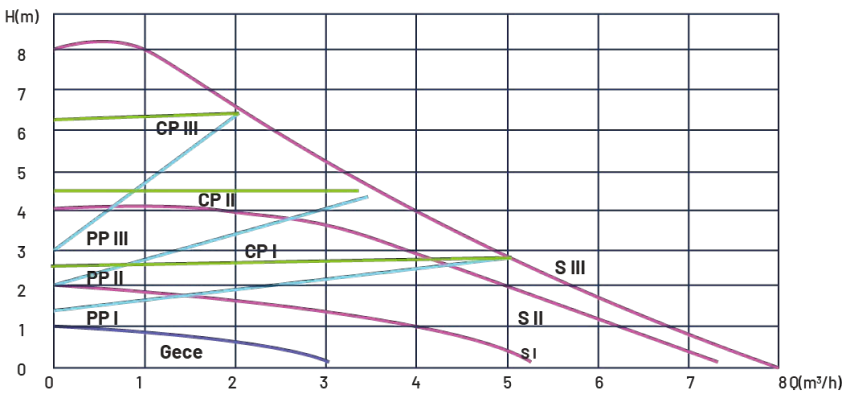


XX-8

(OPTIONAL DN 25/32 - 180 mm)

MAX. FLOW RATE **MAX. HEAD**

8 m³/h 8 m

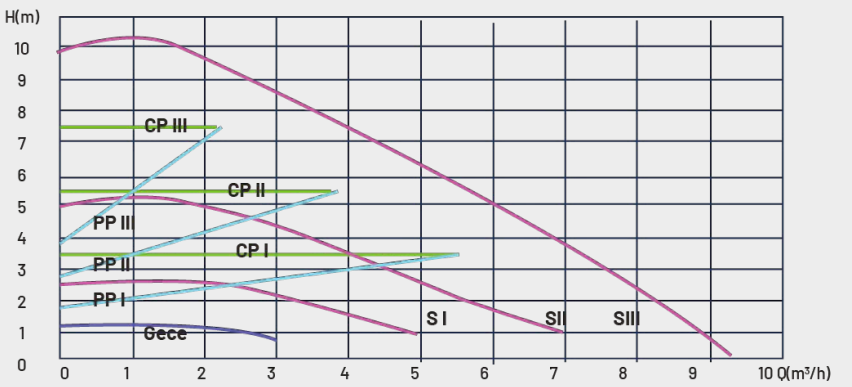


XX-10

(OPTIONAL DN 25/32 - 180 mm)

MAX. FLOW RATE **MAX. HEAD**

9 m³/h 10 m

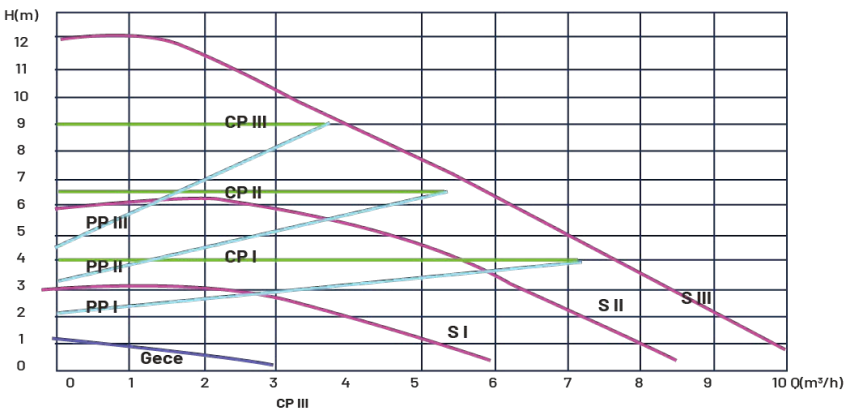


XX-12

(OPTIONAL DN 25/32 - 180 mm)

MAX. FLOW RATE **MAX. HEAD**

10 m³/h 12 m



COSMO **8	Model	Model Code	Max. Flow Rate (m³/h)	Max. Head (m)	Suitable for Drinking Water	Solar (PWM2)	Heating	Cooling	Housing Material	Min./Max. Temperature (°C)	L (mm)	DN (mm)	P1 Max. (W)	Voltage (V)	Rated Current (A)	Union
	25-80-180 C	1002-00101	8	8			•		Cast Iron	2~110	180	25	80	1×230	0,1-0,72	G1½" → G1"
	32-80-180 C	1002-00201					•		Cast Iron			32				G2" → G1 ½"
	25-80-180 B	1002-00301			•		•		Bronze			25				G1½" → G1"
	32-80-180 B	1002-00401			•		•		Bronze			32				G2" → G1 ½"

COSMO **10	Model	Model Code	Max. Flow Rate (m³/h)	Max. Head (m)	Suitable for Drinking Water	Solar (PWM2)	Heating	Cooling	Housing Material	Min./Max. Temperature (°C)	L (mm)	DN (mm)	P1 Max. (W)	Voltage (V)	Rated Current (A)	Union
	25-10-180 C	1002-00501	9	10			•		Cast Iron	2~110	180	25	120	1×230	0,1-1,08	G1½" → G1"
	32-10-180 C	1002-00601					•		Cast Iron			32				G2" → G1 ½"
	25-10-180 B	1002-00701			•		•		Bronze			25				G1½" → G1"
	32-10-180 B	1002-00801			•		•		Bronze			32				G2" → G1 ½"

COSMO **12	Model	Model Code	Max. Flow Rate (m³/h)	Max. Head (m)	Suitable for Drinking Water	Solar (PWM2)	Heating	Cooling	Housing Material	Min./Max. Temperature (°C)	L (mm)	DN (mm)	P1 Max. (W)	Voltage (V)	Rated Current (A)	Union
	25-12-180 C	1002-00901	10	12			•		Cast Iron	2~110	180	25	180	1×230	0,1-1,53	G1½" → G1"
	32-12-180 C	1002-01001					•		Cast Iron			32				G2" → G1 ½"
	25-12-180 B	1002-01101			•		•		Bronze			25				G1½" → G1"
	32-12-180 B	1002-01201			•		•		Bronze			32				G2" → G1 ½"

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DUCA

PRODUCT FAMILY

COSMO XL SERIES



COSMO XL SERIES



Max. Flow Rate

9,5 m3/h

Max. Head

15m

Key Features

- Proportional-pressure mode
- Constant-speed mode
- Constant-pressure mode
- Automatic Adaptation Mode
- PWM Mode
- Real-time power display mode
- EEI ≤ 0.21
- 2 variant options

Applications

Large residential, commercial-building and central-heating systems.

Operating Conditions

Maximum Temperature
+40°C

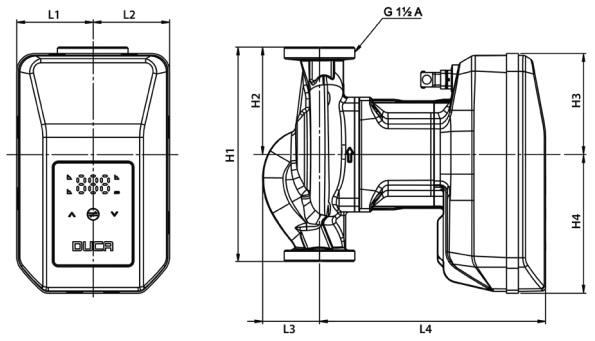
Mains Connection
220 V~240 V / 50 Hz

Insulation Class
F

Protection Class
IP44

Installation
The motor shaft must be kept horizontal.

Properties of the Pumped Fluid
Clean, non-toxic and chemically neutral fluid, free of solids and mineral oils, with properties similar to water.



EEI ≤ 0.23

H1	180 mm
H2	90 mm
H3	85 mm
H4	117 mm
L1	65 mm
L2	65 mm
L3	48 mm
L4	191 mm

COSMO XL

EEI ≤ 0.23

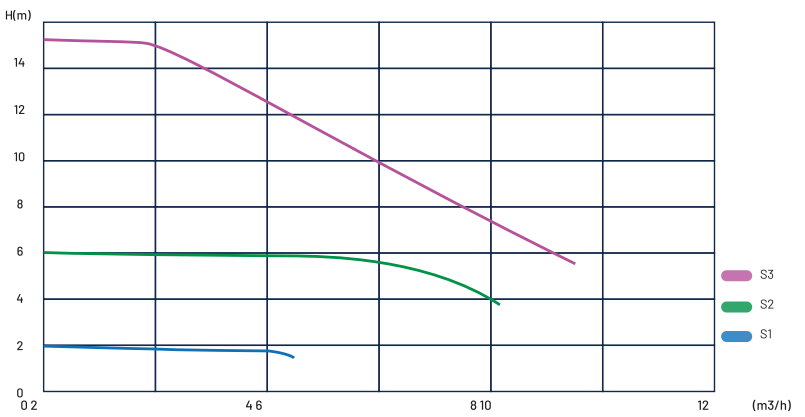
CE RoHS Compliant ErP READY UKCA



XX-15

(OPTIONAL DN 25/32 - 180 mm)

MAX. FLOW RATE	MAX. HEAD
9.5 m³/h	15 m



COSMO XL	Model	Model Code	Max. Flow Rate (m³/h)	Max. Head (m)	Suitable for Drinking Water	Solar (PWM2)	Heating	Cooling	Housing Material	Min./Max. Temperature (°C)	L (mm)	DN (mm)	P1 Max. (W)	Voltage (V)	Rated Current (A)	Union
	25-150-180	1010-00101	9,5	15			•		Cast Iron	-2~110	180	25	320	1×230	0,2-1,6	G1½ to G1
	32-150-180	1010-00201					•		Cast Iron		180	32				G2 to G1 ½


AUTO
DUCA
MASTER
DUCA
180 W
PP CP S A
AUTO


DUCA®
Model 3BE
50-12-280
RoHS
PEI≥max:850
Q(m³/h)
H(m)
III
II
I
DUCA®
COSMO+
888
W
I II III AUTO
TRE3M
DUCA®
2
4
6
8
10
12
14
16
50
100
200

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DUCA

PRODUCT FAMILY

COSMO XXL SERIES



COSMO XXL SERIES



Max. Flow Rate	Max. Head
52 m3/h	18 m

Key Features

- Proportional-pressure mode
- Constant-speed mode
- Constant-pressure mode
- Automatic Adaptation Mode
- PWM Mode
- Run-Time Balancing
- Wi-Fi Connectivity
- 5 variant options

Applications

Large-scale residential, commercial-building and central-heating systems.

Operating Conditions

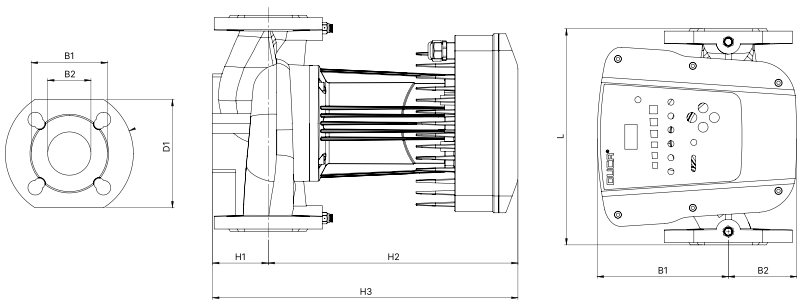
Maximum Temperature
+40°C

Protection Class
IP44

Mains Connection
220 V ~ 240 V / 50~60 Hz

Insulation Class
Class H

Properties of the Pumped Fluid
Clean, non-toxic and chemically neutral fluid, free of solids and mineral oils, with properties similar to water.



B1	83 mm
B2	40 mm
D1	126 mm
H1	65 mm
H2	321,5 mm
H3	386,5 mm
L	220 mm
B1	170 mm
B2	88,5 mm

EEI ≤ 0.21
iPWM ErP READY CE RoHS Compliant

COSMO XXL

EEI ≤ 0.21
iPWM ErP READY CE RoHS Compliant



40-12-220

MAX. FLOW RATE 22 m³/h

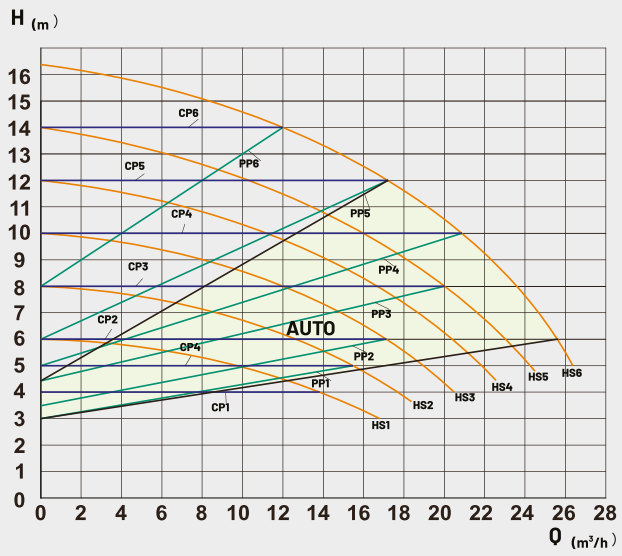
MAX. HEAD 12 m



40-18-220

MAX. FLOW RATE 24 m³/h

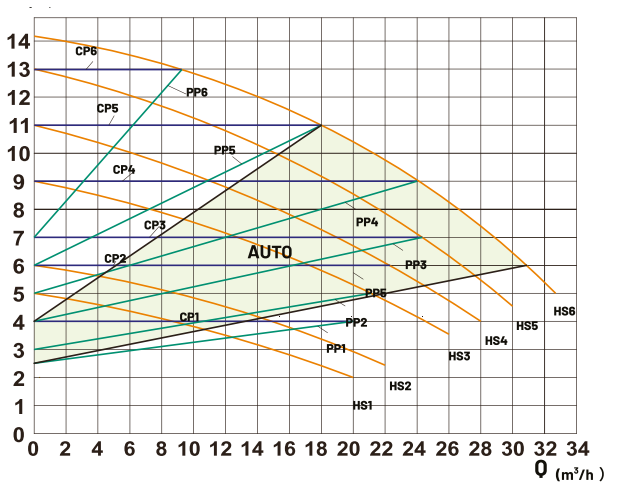
MAX. HEAD 18 m



50-15-280

MAX. FLOW RATE 32 m³/h

MAX. HEAD 15 m



COSMO XXL	Model	Model Code	Max. Flow Rate (m^3/h)	Max. Head (m)	Suitable for Drinking Water	Solar (PWM2)	Heating	Cooling	Housing Material	Min./Max. Temperature (°C)	L (mm)	DN (mm)	P1 Max. (W)	Voltage (V)	Flange
	40-12-220	1011-00101	22	12			•		Cast Iron		220	40	600		DN40
	40-18-220	1011-00201	24	18			•		Cast Iron	-2~110	220	40	900	1×230	DN40
	50-15-280	1011-00301	32	15			•		Cast Iron		280	50	1000		DN50

COSMO XXL

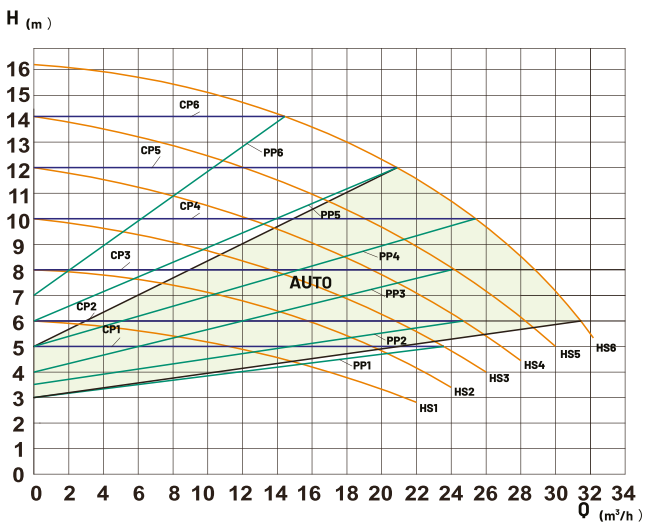
EEI ≤ 0.21
iPWM
ErP READY
CE RoHS Compliant



50-18-280

MAX. FLOW RATE 32 m³/h

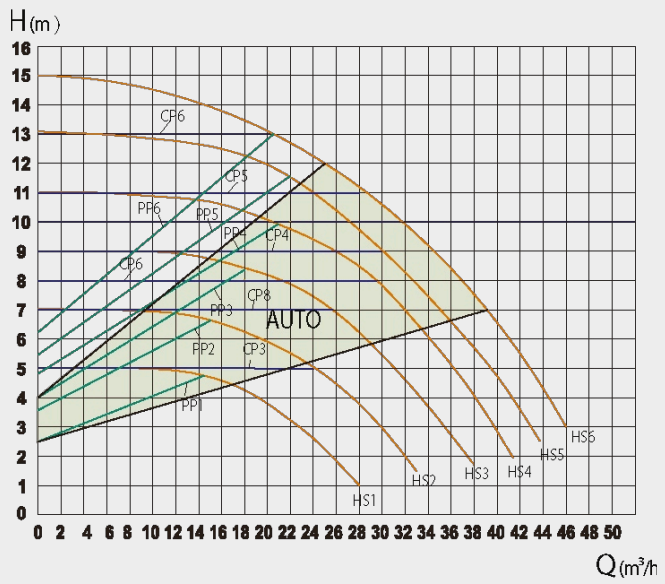
MAX. HEAD 18 m



65-15-340

MAX. FLOW RATE 48 m³/h

MAX. HEAD 15 m



COSMO XXL	Model	Model Code	Max. Flow Rate (m^3/h)	Max. Head (m)	Suitable for Drinking Water	Solar (PWM2)	Heating	Cooling	Housing Material	Min./Max. Temperature (°C)	L (mm)	DN (mm)	P1 Max. (W)	Voltage (V)	Flange
	50-18-280	1011-00401	32	18			•		Cast Iron	-2~110	280	50	1000		DN50
	65-15-340	1011-00501	48	15			•		Cast Iron		340	65	1300		DN65

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DUCA
PRODUCT FAMILY

3BE SERIES



3BF SERIES



Max. Flow Rate

52 m3/h

Max. Head

18 m

Key Features

- Three-speed mode
- Automatic Adaptation Mode
- 220 V / 380 V option
- IP44 Protection Rating
- Class F insulation
- Low noise level
- EEI ≤ 0.23
- 6 variant options

Applications

Large-scale commercial and central-heating systems.

Operating Conditions

Maximum Temperature
+2°C to +95°C

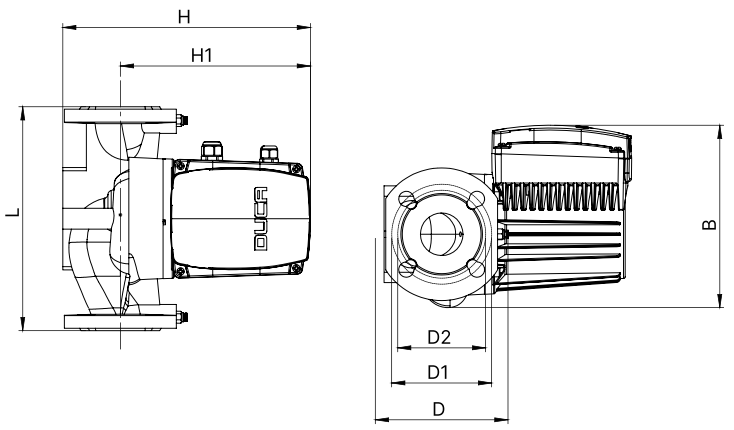
Maximum Pressure
10 bar

Ambient Temperature
0～40°

Protection Class
IP 44

Insulation Class
Class F

Nominal Voltage/Frequency
220 V～240 V / 50 Hz



EEI ≤ 0.21

ErP READY

CE RoHS Compliant

H 300 mm
H1 235 mm
L 220 mm
B 217 mm

D 150 mm
D1 110 mm
D2 100 mm

3BE

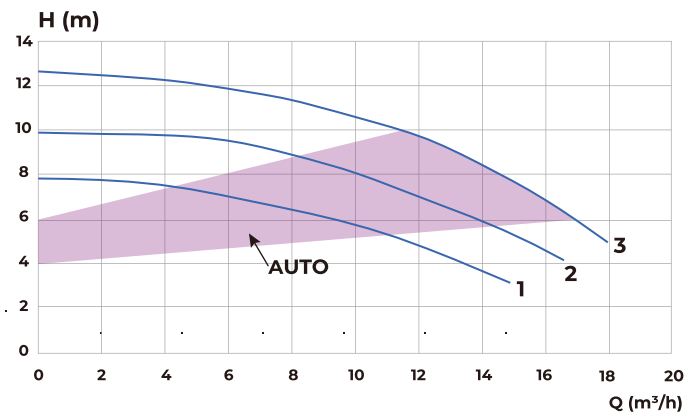
EEI ≤ 0.20 ErP READY

CE RoHS Compliant



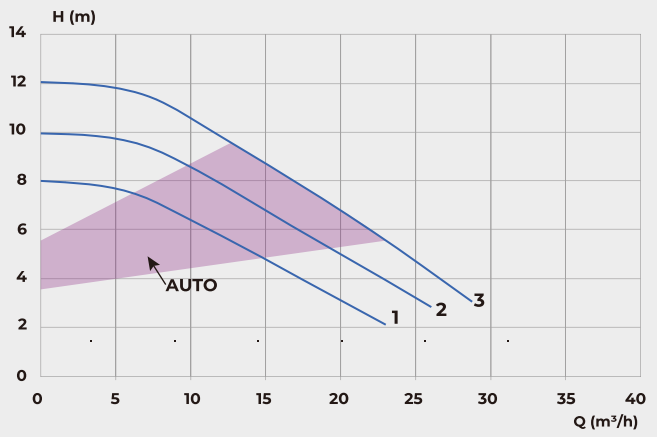
40-12-220

MAX. FLOW RATE	MAX. HEAD
18 m³/h	12 m



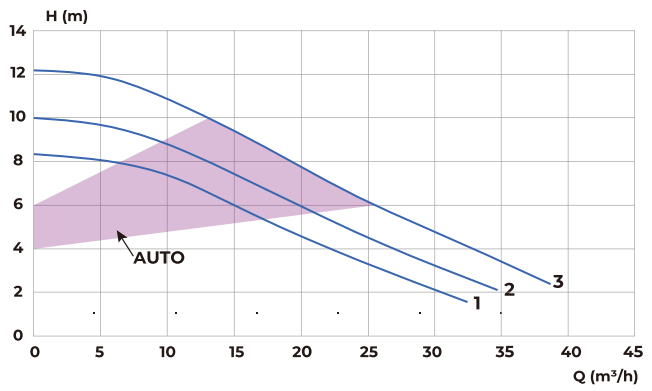
50-12-280

MAX. FLOW RATE	MAX. HEAD
28 m³/h	12 m



65-12-340

MAX. FLOW RATE	MAX. HEAD
38 m³/h	12 m



3BE	Model	Model Code	Max. Flow Rate (m^3/h)	Max. Head (m)	Suitable for Drinking Water	Solar (PWM2)	Heating	Cooling	Housing Material	Min./Max. Temperature (°C)	L (mm)	DN (mm)	P1 Max. (W)	Voltage (V)	Rated Current (A)	Flange
	40-12-220	1012-00101	18	12			•		Cast Iron		220	40	550	230	1,70-4,10	DN40
	50-12-280	1012-00201	28	12			•		Cast Iron	2~110	280	50	650	230	2,80-4,80	DN50
	65-12-340	1012-00301	38	12			•		Cast Iron		340	65	800	230	3,80-5,80	DN65

3BE

EEI ≤ 0.20 ErP READY

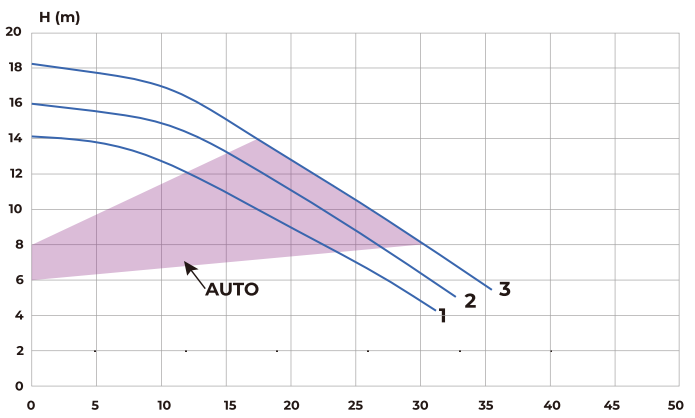
CE RoHS Compliant



50-180-280

MAX. FLOW RATE 36 m³/h

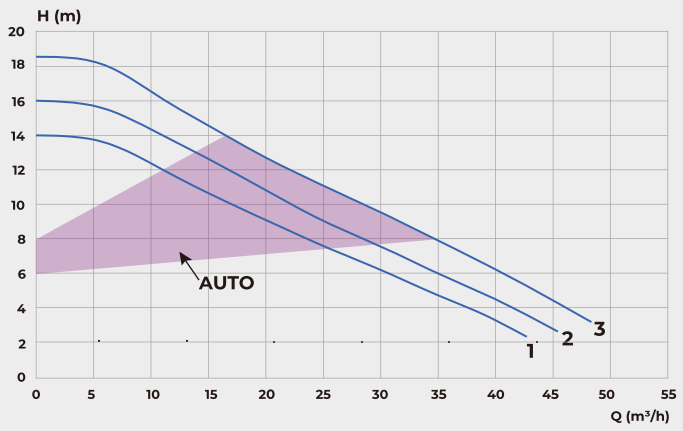
MAX. HEAD 18 m



65-180-340

MAX. FLOW RATE 48 m³/h

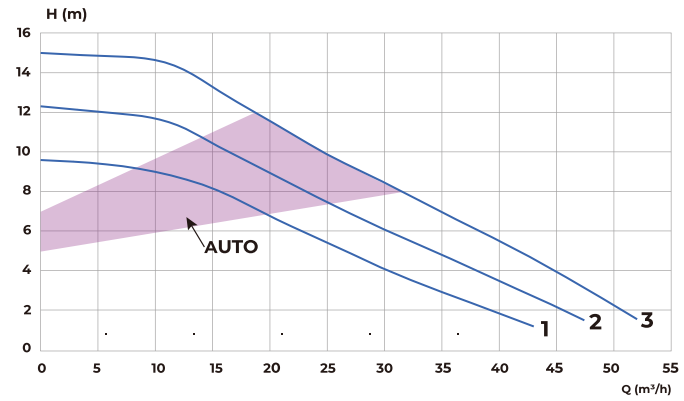
MAX. HEAD 18 m



80-150-360

MAX. FLOW RATE 52 m³/h

MAX. HEAD 15 m



3BE	Model	Model Code	Max. Flow Rate (m^3/h)	Max. Head (m)	Suitable for Drinking Water	Solar (PWM2)	Heating	Cooling	Housing Material	Min./Max. Temperature (°C)	L (mm)	DN (mm)	P1 Max. (W)	Voltage (V)	Rated Current (A)	Flange
	50-18-280	1012-00401	36	18	•		•		Cast Iron	2~110	280	50	1200	380	1,80-2,80	DN50
	65-18-340	1012-00501	48	18	•		•		Cast Iron		340	65	1200	380	1,81-2,62	DN65
	80-15-360	1012-00601	52	15	•		•		Cast Iron		360	85	1200	380	1,81-2,74	DN80

DUCA

CA

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DUCA

PRODUCT FAMILY

FORCE MASTER SERIES



FORCE MASTER SERIES



Max. Flow Rate

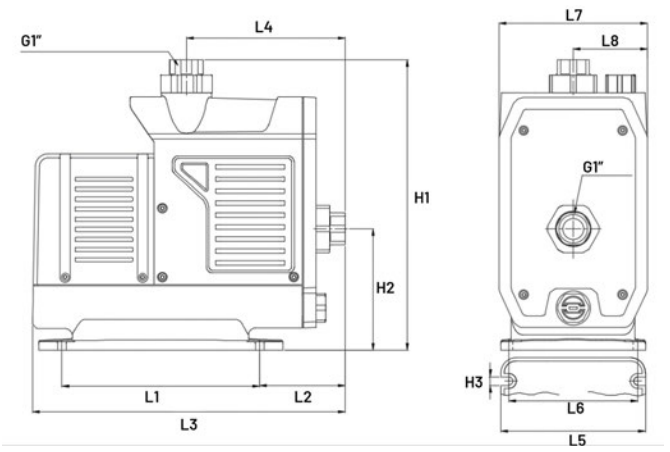
5,5 m3/h

Max. Head

45m

Key Features

- Low power consumption mode
- Class F insulation
- IP44 Protection Rating
- Quiet operation (<58 dB)
- REACH certified
- WRAS certified



L1	300 mm
L2	235 mm
L3	220 mm
L4	217 mm
L5	168 mm
L6	150 mm
L7	174 mm
L8	87 mm
H1	339 mm
H2	141 mm
H3	10 mm
G	1”

Applications

Clean-water boosting and transfer in residential and small commercial buildings.

Operating Conditions

Maximum Temperature

+4°C

Maximum Working Pressure

10 bar

Voltage

AC 230 V / 50 Hz

Protection Class

IP44

Fluid Temperature

0 °C – 50 °C

Fluid pH Range

6,5 – 8,5

Maximum solids content

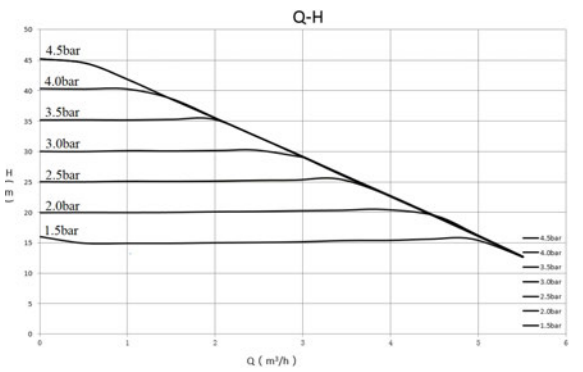
≤ 0.1%; particle size ≤ 0.1 mm

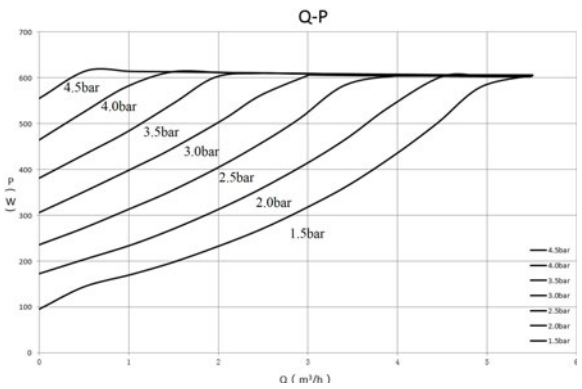
FORCE MASTER



Inlet & Outlet Connection: G1”

MAX. FLOW RATE	MAX. HEAD
5.5 m³/h	45 m







Innovation Meets Precision: Performance, Efficiency, Reliability

At DUCA, our skilled engineers meticulously design every product to optimize performance and energy efficiency. Through advanced simulations and precise technical analysis, we deliver pump solutions that seamlessly combine innovation with reliability, turning every drop of water into sustainable comfort.

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PRODUCT FAMILY

HEAT MASTER SERIES



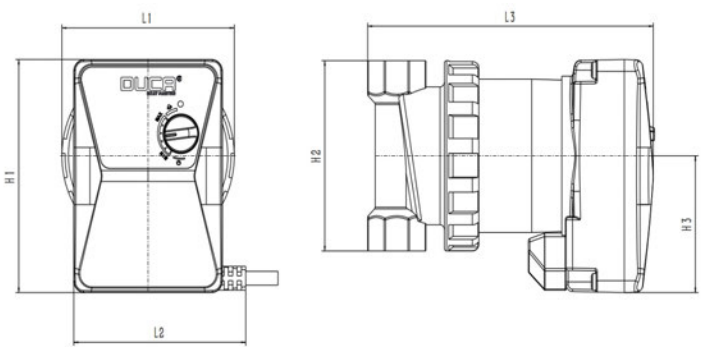
HEAT MASTER SERIES



Max. Flow Rate	Max. Head
0,5 m3/h	1,7m

Key Features

- Intelligent Variable-Speed Control
- Low energy consumption
- Compact design
- IPX4 Protection Class



H1	98 mm
H2	80 mm
H3	57,5 mm
L1	80 mm
L2	123 mm
L3	123 mm

EEI ≤ 0.20
ErP READY
CE RoHS Compliant

Applications

Domestic hot-water circulation for residential applications.

Operating Conditions

Fluid Temperature
+2°C to +75°C

Maximum Pressure
10 bar

Ambient Temperature
-20°C～+40°C

Protection Class
IPX4

Rated voltage/frequency
230 V (-10%～+6%), 50/60 Hz

Domestic water; ambient pH value
Must be between 6.5 and 8.5. The volume fraction of solid particles must not exceed 0.1%, and particle size must not exceed 0.2 mm.

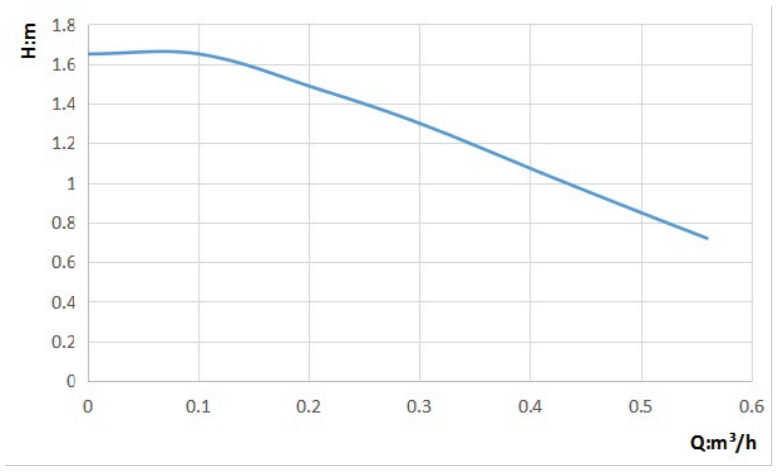
HEAT MASTER



EEI ≤ 0.20 ErP READY

CE RoHS Compliant

MAX. FLOW RATE	MAX. HEAD
0.5 m³/h	1.7 m



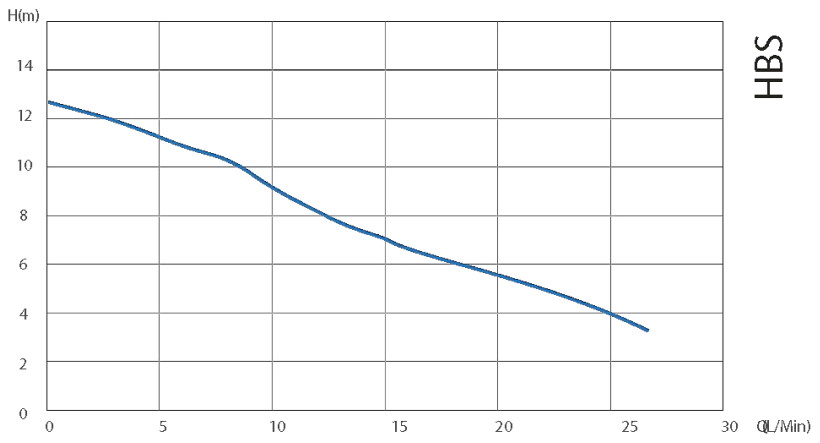
HEAT MASTER L

EEI ≤ 0.20 ErP READY

CE RoHS Compliant



MAX. FLOW RATE	MAX. HEAD
1.6 m³/h	12 m



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PRODUCT FAMILY

XR SERIES



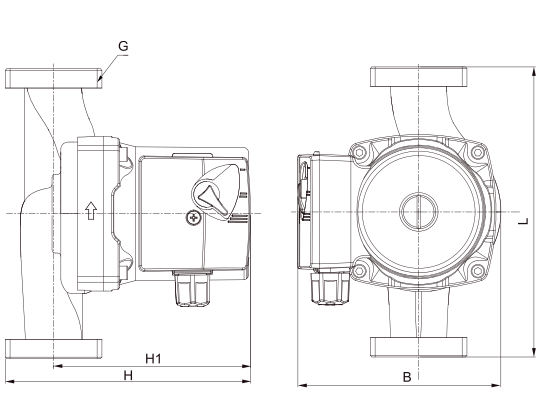
XR SERIES



Max. Flow Rate	Max. Head
3.5m3/h	8 m

Key Features

- Three-speed control
- Low-noise operation
- Compact body, easy installation
- High-efficiency hot-water circulation
- IP44 Protection Rating
- 7 variant options



L1	133 mm
L2	103 mm
L	130 / 180 mm
B	123 mm

CE

Applications

Residential heating and closed-loop hot-water circulation.

Operating Conditions

Fluid Temperature
2°C – 110°C

Maximum System Pressure
10 bar

Ambient Temperature
0 – +40°C

Protection Class
IP44

Rated voltage/frequency
220 V – 240 V / 50 Hz

Insulation Class
H

Installation
The motor shaft must be kept horizontal.

Pumped Fluid Properties
Clean, non-toxic and chemically neutral fluid, free of solids and mineral oils, with properties similar to water.

XR

CE

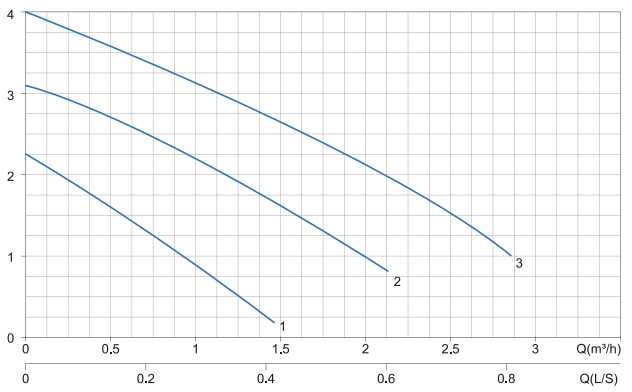


XX-4

(OPTIONAL DN 25/32 - 130/180 mm)

MAX. FLOW RATE **MAX. HEAD**

3 m³/h 4 m

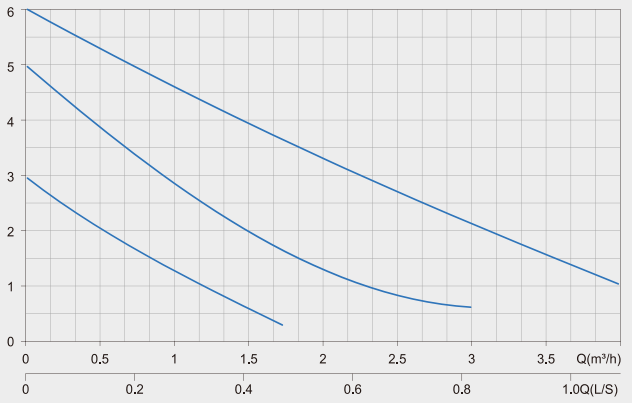


XX-6

(OPTIONAL DN 25/32 - 130/180 mm)

MAX. FLOW RATE **MAX. HEAD**

3.2 m³/h 6 m

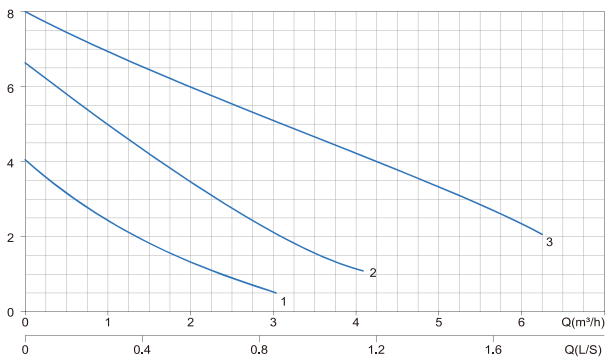


XX-8

(OPTIONAL DN 25 - 180 mm)

MAX. FLOW RATE **MAX. HEAD**

3.5 m³/h 8 m



XR **8		XR **6				XR **4			
25-80-180	Model	32-60-180	25-60-180	25-60-130	Model	32-4-180	25-4-180	25-4-130	Model
1013-00701	Model Code	1013-00601	1013-00501	1013-00401	Model Code	1013-00301	1013-00201	1013-00101	Model Code
3,5	Max. Flow Rate (m³/h)	3,2			Max. Flow Rate (m³/h)	3			Max. Flow Rate (m³/h)
8	Max. Head (m)	6			Max. Head (m)	4			Max. Head (m)
	Suitable for Drinking Water				Suitable for Drinking Water				Suitable for Drinking Water
	Solar (PWM2)				Solar (PWM2)				Solar (PWM2)
•	Heating	•	•	•	Heating	•	•	•	Heating
	Cooling				Cooling				Cooling
Cast Iron	Housing Material	Cast Iron			Housing Material	Cast Iron			Housing Material
2~110	Min./Max. Temperature (°C)	2~110			Min./Max. Temperature (°C)	2~110			Min./Max. Temperature (°C)
180	L (mm)	180	180	130	L (mm)	180	180	130	L (mm)
25	DN (mm)	32	25	25	DN (mm)	32	25	25	DN (mm)
180	P1 Max. (W)	100			P1 Max. (W)	70			P1 Max. (W)
230	Voltage (V)	230			Voltage (V)	230			Voltage (V)
0,5-0,85	Rated Current (A)	0,20-0,50			Rated Current (A)	0,18-0,35			Rated Current (A)
G1½" → G1"	Union	G2" → G1¼"	G1½" → G1"	G1½" → G1"	Union	G2" → G1¼"	G1½" → G1"	G1½" → G1"	Union

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PRODUCT FAMILY

XR PRO SERIES



XR PRO SERIES





Max. Flow Rate

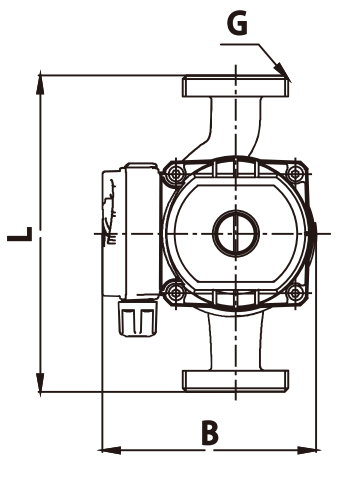
8 m3/h

Max. Head

8m

Key Features

- Three-speed control
- Low-noise operation
- Compact body, easy installation
- High-efficiency hot-water circulation
- IP44 Protection Rating
- 8 variant options



H	125 mm
H1	105 mm
L	130 / 180 mm
B	130 mm

Applications

Residential heating systems and closed-loop hot-water circulation.

Operating Conditions

Fluid Temperature

+2°C to +110°C

Maximum System Pressure

10 bar

Ambient Temperature

0～+40°

Protection Class

IP44

Rated voltage/frequency

220 V – 240 V / 50 Hz

Insulation Class

H

Installation

The motor shaft must be kept horizontal.

Pumped Fluid Properties

Clean, non-toxic and chemically neutral fluid, free of solids and mineral oils, with properties similar to water.

XR PRO

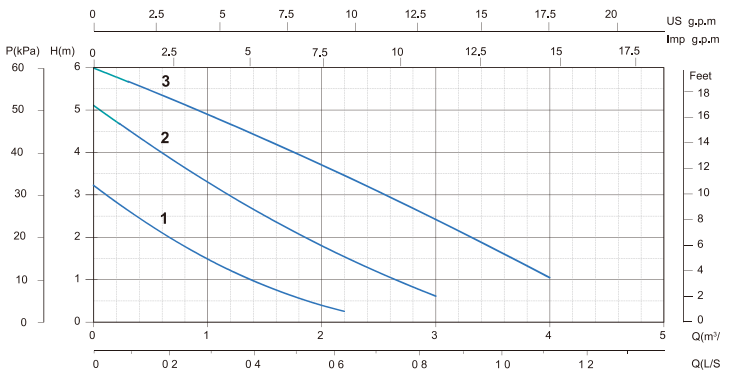


XX-6

(OPTIONAL DN 25 - 130/180 mm)

MAX. FLOW RATE **MAX. HEAD**

4 m³/h 6 m

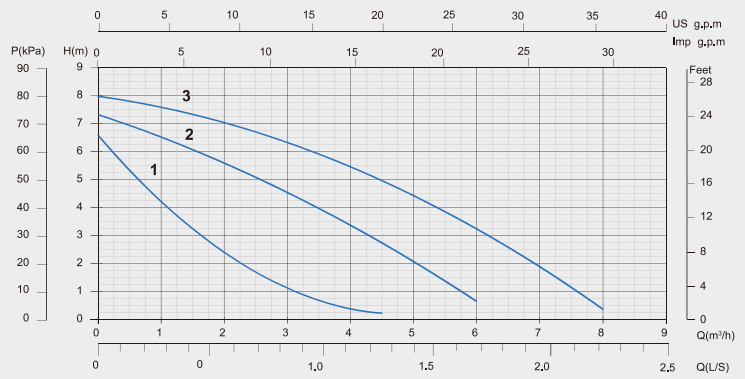


XX-8

(OPTIONAL DN 25 - 130/180 mm)

MAX. FLOW RATE **MAX. HEAD**

8 m³/h 8 m



XR PRO **6	Model	Model Code	Max. Flow Rate (m³/h)	Max. Head (m)	Suitable for Drinking Water	Solar (PWM2)	Heating	Cooling	Housing Material	Min./Max. Temperature (°C)	L (mm)	DN (mm)	P1 Max. (W)	Voltage (V)	Rated Current (A)	Union
	25-6-130 C	1014-00101	4	6			•		Cast Iron	2~110	130	25	90	230	0,20-0,40	G1½" → G1"
	25-6-180 C	1014-00201					•		Cast Iron		180					G1½" → G1"
	25-6-130 B	1014-00301			•		•		Bronze		130					G1½" → G1"
	25-6-180 B	1014-00401			•		•		Bronze		180					G1½" → G1"

XR PRO **8	Model	Model Code	Max. Flow Rate (m³/h)	Max. Head (m)	Suitable for Drinking Water	Solar (PWM2)	Heating	Cooling	Housing Material	Min./Max. Temperature (°C)	L (mm)	DN (mm)	P1 Max. (W)	Voltage (V)	Rated Current (A)	Union
	25-8-130 C	1014-00501	8	8			•		Cast Iron	2~110	130	25	200	230	0,20-0,40	G1½" → G1"
	25-8-180 C	1014-00601					•		Cast Iron		180					G1½" → G1"
	25-8-130 B	1014-00701			•		•		Bronze		130					G1½" → G1"
	25-8-180 B	1014-00801			•		•		Bronze		180					G1½" → G1"

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PRODUCT FAMILY

XR PRO XL SERIES



XR PRO XL SERIES



Max. Flow Rate	Max. Head
6.5 m3/h	12m

Key Features

- Three-speed control
- Low-noise operation
- Compact body, easy installation
- High-efficiency hot-water circulation
- IP44 Protection Rating
- 2 variant options

Applications

Large residential, commercial-building and central-heating circuits.

Operating Conditions

Maximum Temperature
+2°C to +95°C

Maximum Pressure
10 bar

Ambient Temperature
0~40°

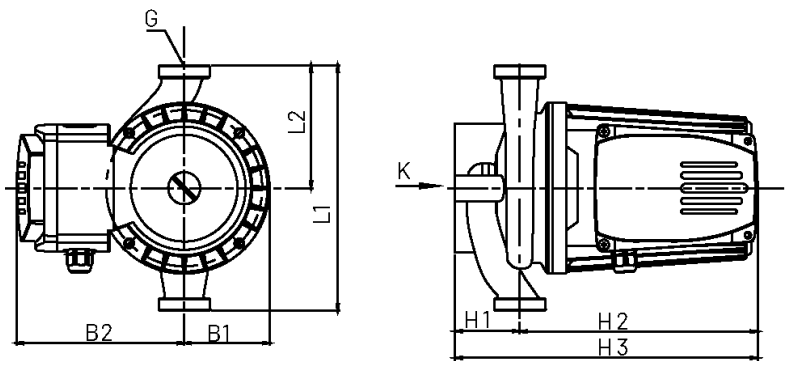
Protection Class
IP44

Nominal Voltage/Frequency
1 bar

Operating Time
5000 saat

Power Consumption
150 W

Weight
2 kg



H1	125 mm
H2	105 mm
K	105 mm
G	105 mm
L1	130 / 180 mm
L2	130/180 mm
B1	130 mm
B2	130 mm

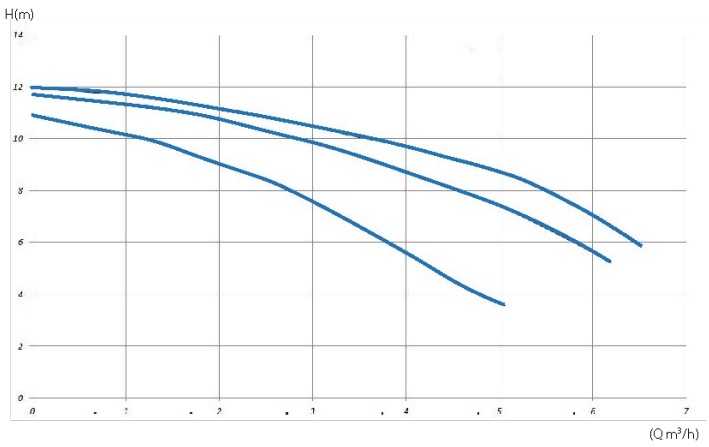
XR PRO XL



XX-12

(OPTIONAL DN 25/32 - 180 mm)

MAX. FLOW RATE	MAX. HEAD
12.5 m³/h	6 m

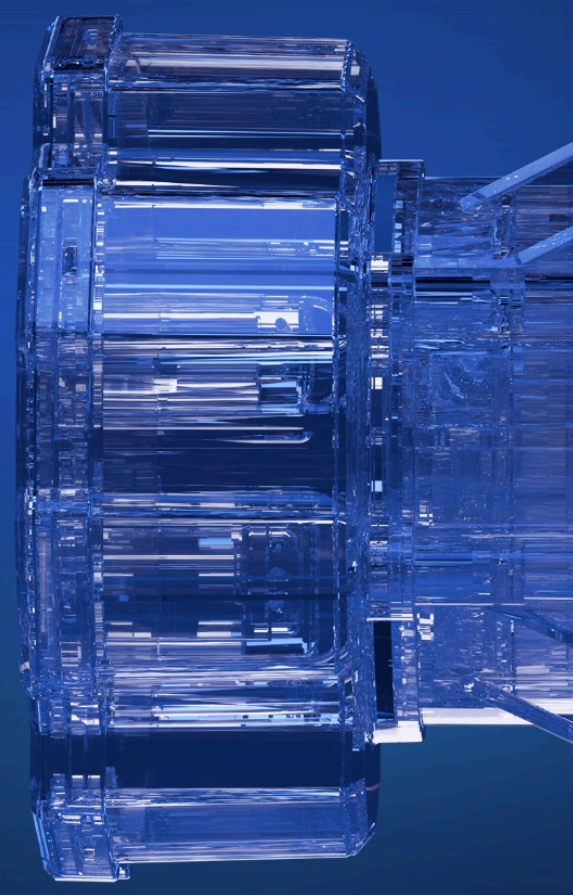


XR PRO XL **12	Model	Model Code	Max. Flow Rate (m³/h)	Max. Head (m)	Suitable for Drinking Water	Solar (PWM2)	Heating	Cooling	Housing Material	Min./Max. Temperature (°C)	L (mm)	DN (mm)	P1 Max. (W)	Voltage (V)	Rated Current (A)	Union
	25-12-180	1015-00101	6,5	12			•		Cast Iron	2~110	180	25	500	230	2,5	G1½" → G1"
	32-12-180	1015-00201					•		Cast Iron			32				G2" → G1¼"

LOW ENERGY CONSUMPTION

SILENT DESIGN

Kusursuz Tasarım.
Kesintisiz Güç.



UK CA CE

COMPACT DESIGN

EASY INSTALLATION AND OPERATION



DUCA®

RoHS COMPLIANT

Measurement & Safety Systems



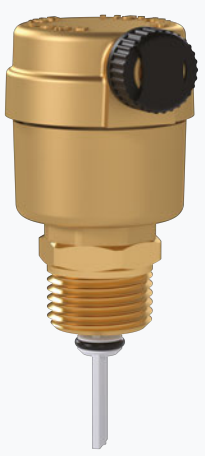
Pressure Gauge



Thermometer



Safety Valve



Automatic Air Vent

Pressure Gauge

Application

Designed for pressure-monitoring applications. Its multiple body-design options and wide measuring range make it suitable for water and wastewater treatment plants, machine manufacturing, heating and air-conditioning systems, hydraulic and pneumatic installations, and general process lines. Compatibility with non-corrosive process fluids that do not affect copper alloys ensures reliable operation and a long service life in industrial environments.



EN 837-1 bar

EN 837-3 mbar

CE

Product Code Structure

PG	Product Type
100	Nominal Size
G	Liquid Filling
1	Connection Orientation
B	Scale Unit
016	Scale Range

Technical Specifications

Housing Material	Cold-Rolled Steel Sheet, Stainless Steel
Dial Diameter	Ø63mm - Ø100mm
Connection Material	Brass
Connection Type	Ø63 G 1/4" - Ø100 G1/2"
Mounting Position	bottom connection
Accuracy Class	CL 1.6

Measuring Mechanism

C-type Bourdon tube

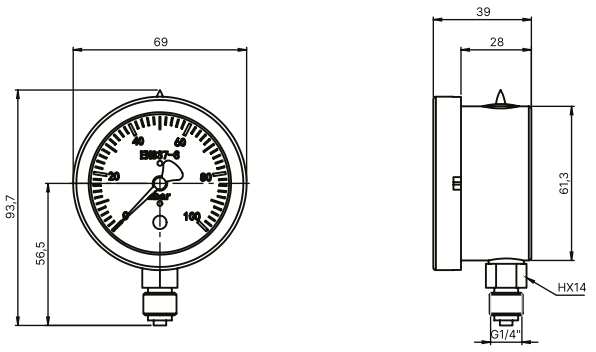
Designed for standard pressure ranges. The C-shaped Bourdon tube expands under pressure and converts the mechanical movement into a reliable and precise pointer indication.

Capsule Element

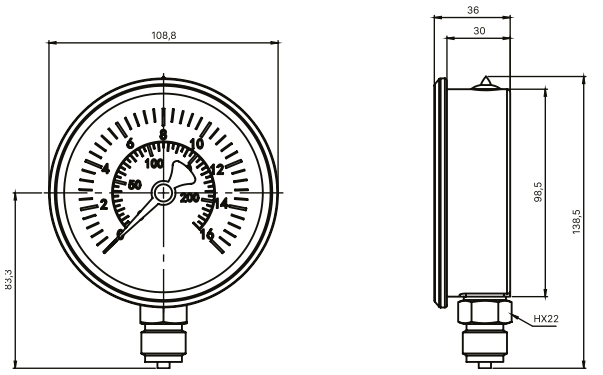
Used in very-low-pressure applications. The capsule element consists of thin, corrugated diaphragms that deform under pressure, providing high sensitivity and accurate measurement in the mbar range.

Technical Drawing

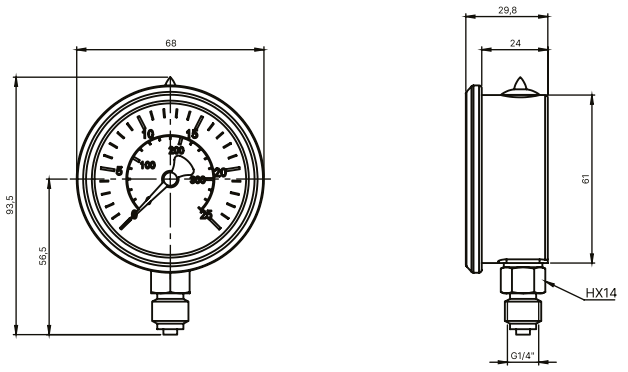
PG063G1M



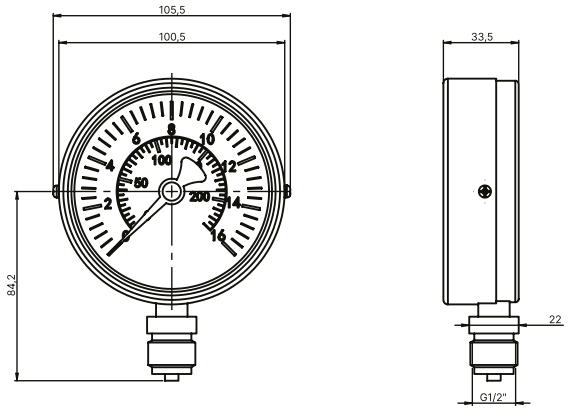
PG100G1B



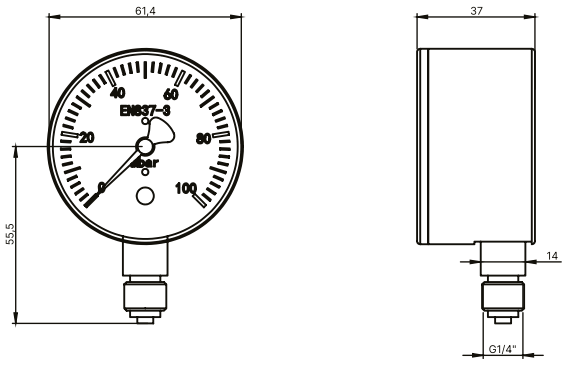
PG063G1B



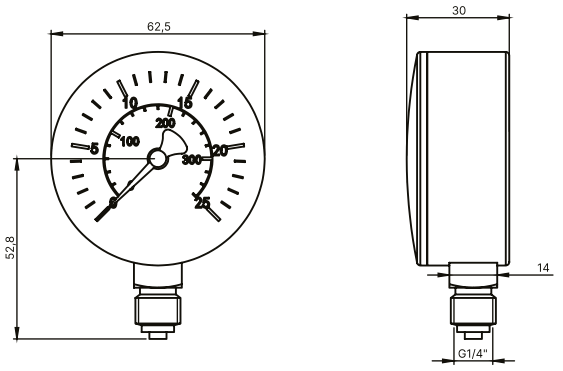
PG100D1B



PG063D1M



PG063D1B



Thermometer

Application

Designed for temperature-monitoring applications widely used in the process industry. Its robust construction delivers reliable performance under demanding operating conditions, including aggressive environments. When installed using threaded thermowells, it protects the sensing element and allows the thermometer to be replaced without interrupting system operation. These devices are widely used in power generation, chemical and petrochemical plants, the oil and gas industry, water and wastewater treatment plants, machine manufacturing and general process applications.



EN 131-90
°C

CE

Product Code Structure

BT	Product Type
100	Nominal Size
U	Liquid Filling
1	Connection Orientation
C	Scale Unit
120	Scale Range

Technical Specifications

Dial Diameter	Ø63 - Ø100
Housing Material	Stainless Steel, Cold-Rolled Steel Sheet
Connection Material	Stainless Steel, Brass
Connection Type	G 1/2"
Mounting Position	Ø63 centre back connection Brass / Stainless Steel Ø100 bottom connection
Accuracy	±1°C

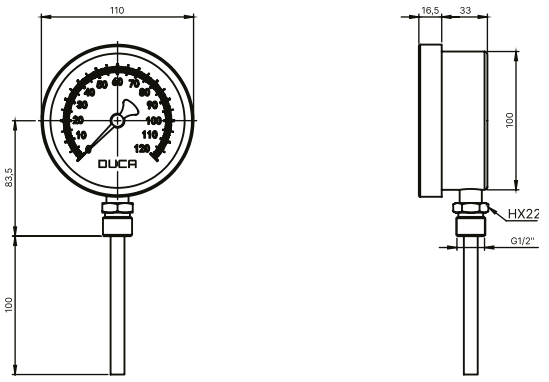
Measuring Mechanism

Bimetal Measuring Element

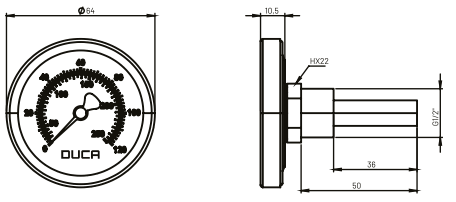
Temperature is measured by a bimetallic coil made of two metals with different coefficients of thermal expansion. As the temperature changes, the coil deflects and converts the thermal movement into a precise pointer indication.

Technical Drawing

BT100U1C120



BT063U2C120



Safety Valve

Application

A safety device used to relieve excessive pressure in heating, cooling and plumbing systems, protecting the system from damage.



CE

Product Code Structure

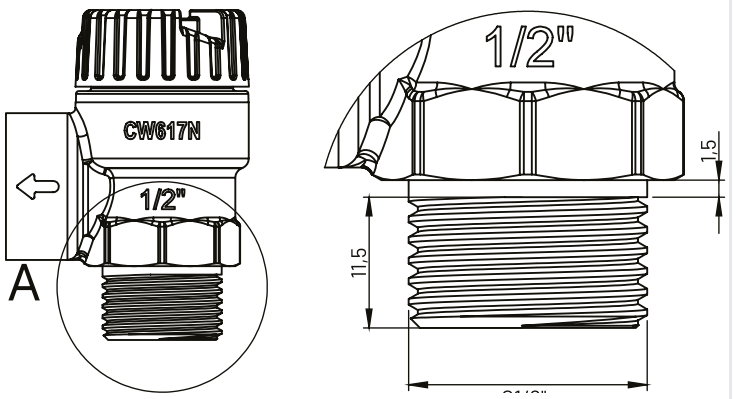
SV	3	CM12	DF12
Product Type	Pressure Range	Connection Size	Discharge Size

Technical Specifications

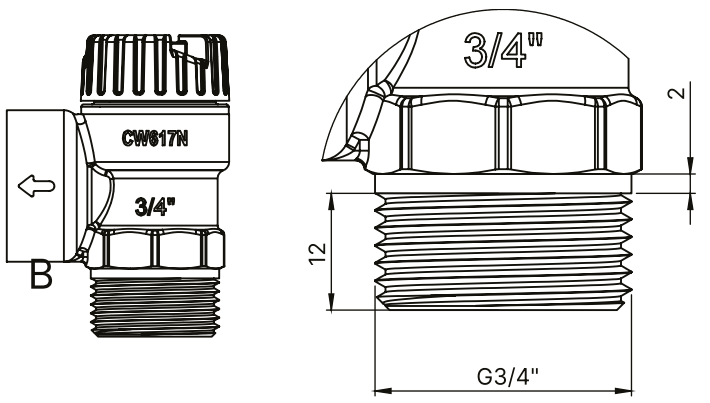
Fluid Temperature	Max.110 °C
Maximum System Pressure	10 Bar
Pressure Settings	3/4/6/8 Bar

Connection

G1/2” Male

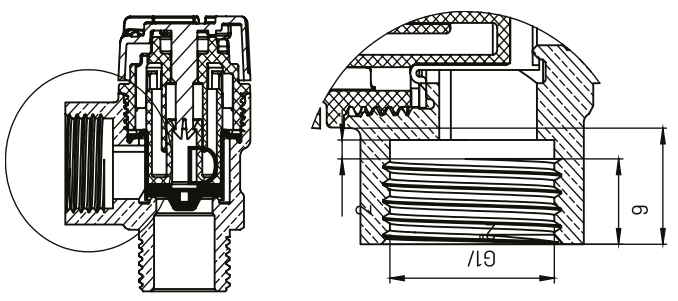


G3/4” Male

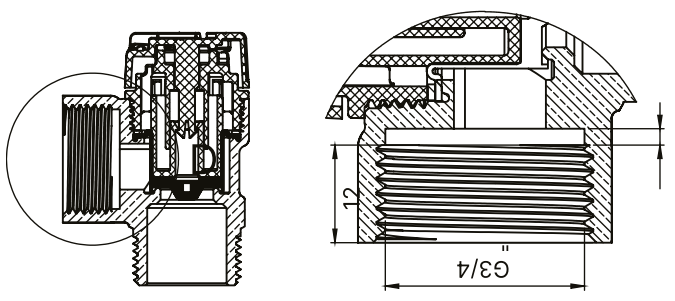


Discharge Connection

G1/2” Female



G3/4” Female

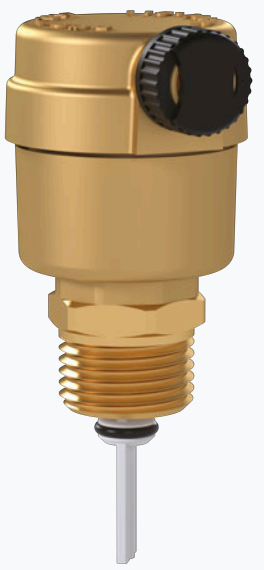


Automatic Air Vent

G1/4 • G1/2 Check Valve

Product Description

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



MADE IN TURKEY

Technical Specifications

Certificates
TSE

Design
TS 7817

Connection
R1/2”

Maximum Pressure
PN10

Fluid Temperature
110°C

Technical Drawing

