

LOVE NATURE FOR FUTURE ■

DUCA®



DUCA®

DUCA is a top solution supplier in Boiler Pumps, Industrial Pumps and Pump Accessories. We offer you user-friendly, easy-to-apply, energy-efficient, low-cost and high-performance solutions against complex technologies and monopolized products. We put people at the center of our work. With user-friendly products, we offer appropriate solutions and services to end consumers and practitioners.

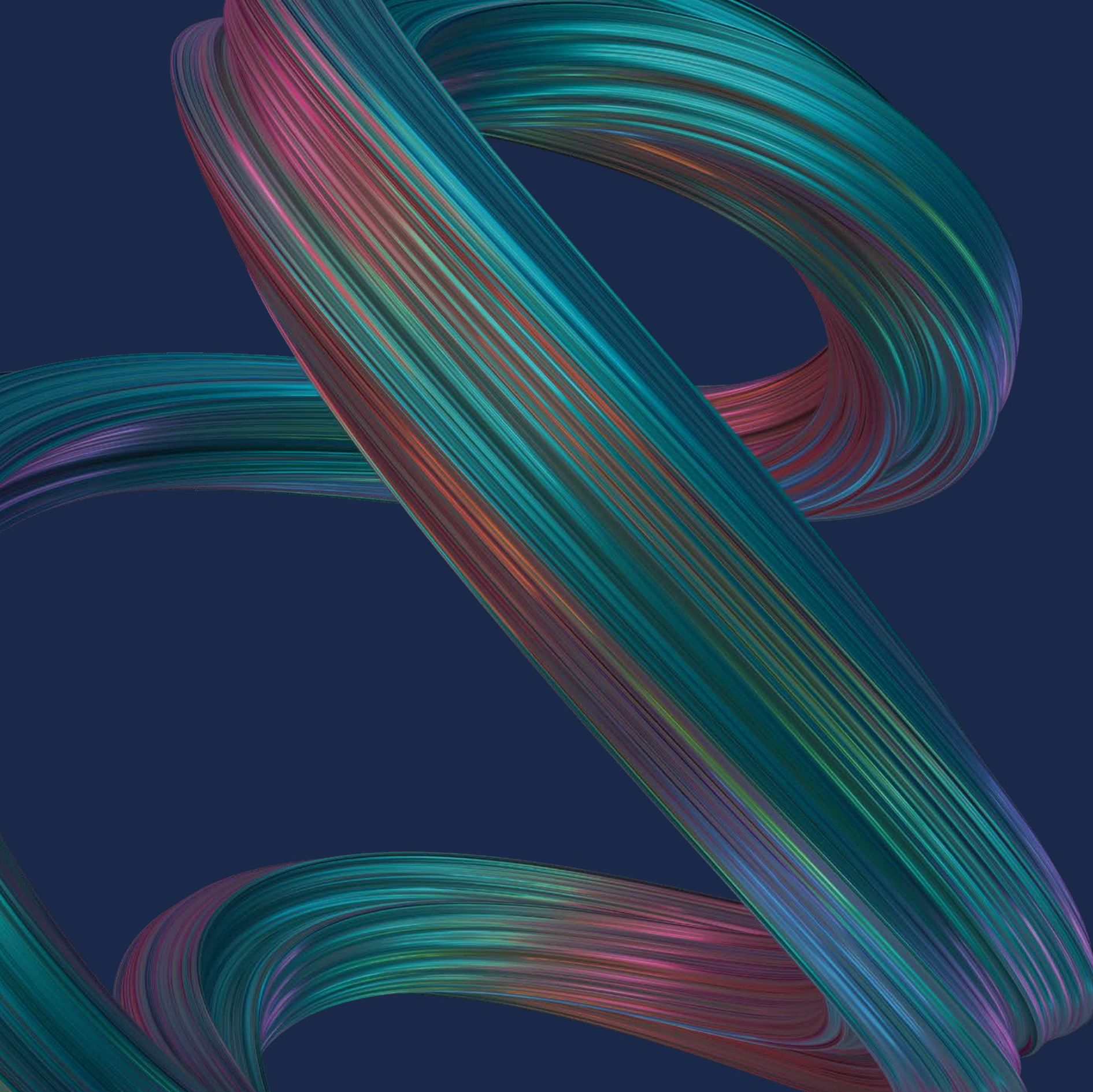
DUCA has been appreciated by many boiler manufacturers and many after-sales services since 2017. In this direction, we know the questions that will shape the future and develop technologies that will bring solutions to them.

Established as a global company with the aim of actively selling all over the world, **DUCA** has combined the idea of excellence with the goal of sustainability and signed the circulation pumps, the most important product of the HVAC industry.



**OUR TARGET IS TO BE AT
EVERY POINT WHERE OPEN
WATER MOVES AND TO PRODUCE
ALTERNATIVE SOLUTIONS.**

Duca team



TECHNICAL RESEARCH

The company where **DUCA** products are manufactured has established a technical research center since its establishment. Currently, this center has more than 100 technical personnel, including 3 people with doctorate degree, 15 people with master's degree, 5 senior engineers and 30 engineers with above intermediate level titles.

These members specialize in different fields such as research, processing, engineering, marketing and others.

It is dedicated to the research of efficient motors as well as control, communication and new energy technologies for pumps. Meanwhile, researches are also carried out for medium and high technology end products.

The purpose of our technical research center is to "strengthen our platform, build core technology, focus on the production process, serve the manufacturing market, focus on customer value, meet the leading market needs".

www.ducapum.com

info@ducapump.com

   /ducapum.com



**“
DUCA®
MORE THAN 45 TYPES
WITH THE PRODUCT,
THE SOLUTION
MEETING WITH PARTNERS.”**



CONTENT

HVAC

OEM

HMI

HMI

ERP PUMP

WEX

WX

STANDART PUMP

WX

ACTUATORS

ACTUATORS

ACTUATORS + CARTRIDGE

ACTUATORS +
CARTRIDGE

AFTER MARKET

ERP PUMP

TEX

WEX

GEX

STANDART PUMP

WX

GX

APX

VP

IRX

NP

KP

DP

DSP

6XP

ROTOR

WR

WRR

WRW

GR

IR

COMPO NENTS

UNIONS

CAPACITOR

HOUSING

AIR PURGER

EXTERNAL PUMP

SYSTEM PUMPS

ERP PUMP

GEX CAST

EFXXL CAST

STANDART PUMP

STXL CAST

STXXL CAST

SOLAR

ERP PUMP

GEX SOLAR CAST

RE-CIRCULATION

ERP PUMP

RCEX

HOME BOOSTER

ERP PUMP

ESB00S

ESXLB00S

ESXXLB00S

STANDART PUMP

SSB00S



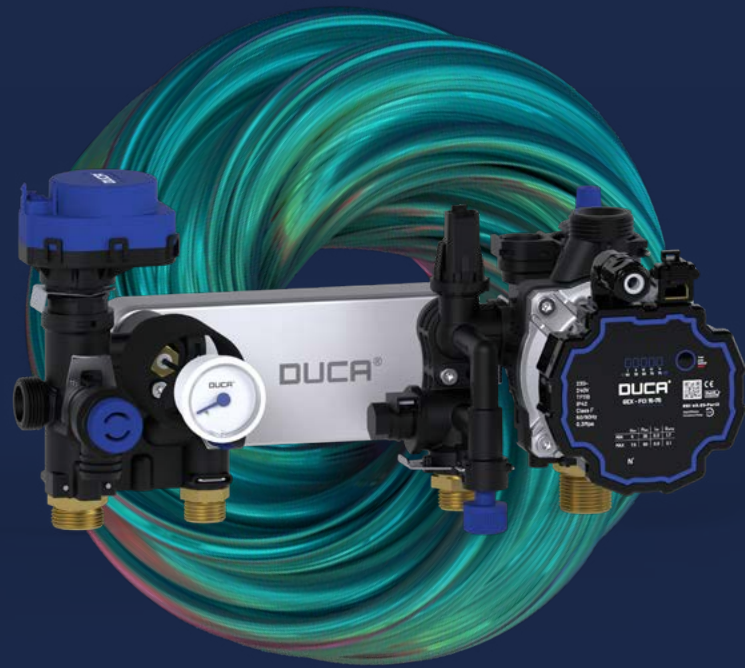


OEM

www.ducapump.com

HMI

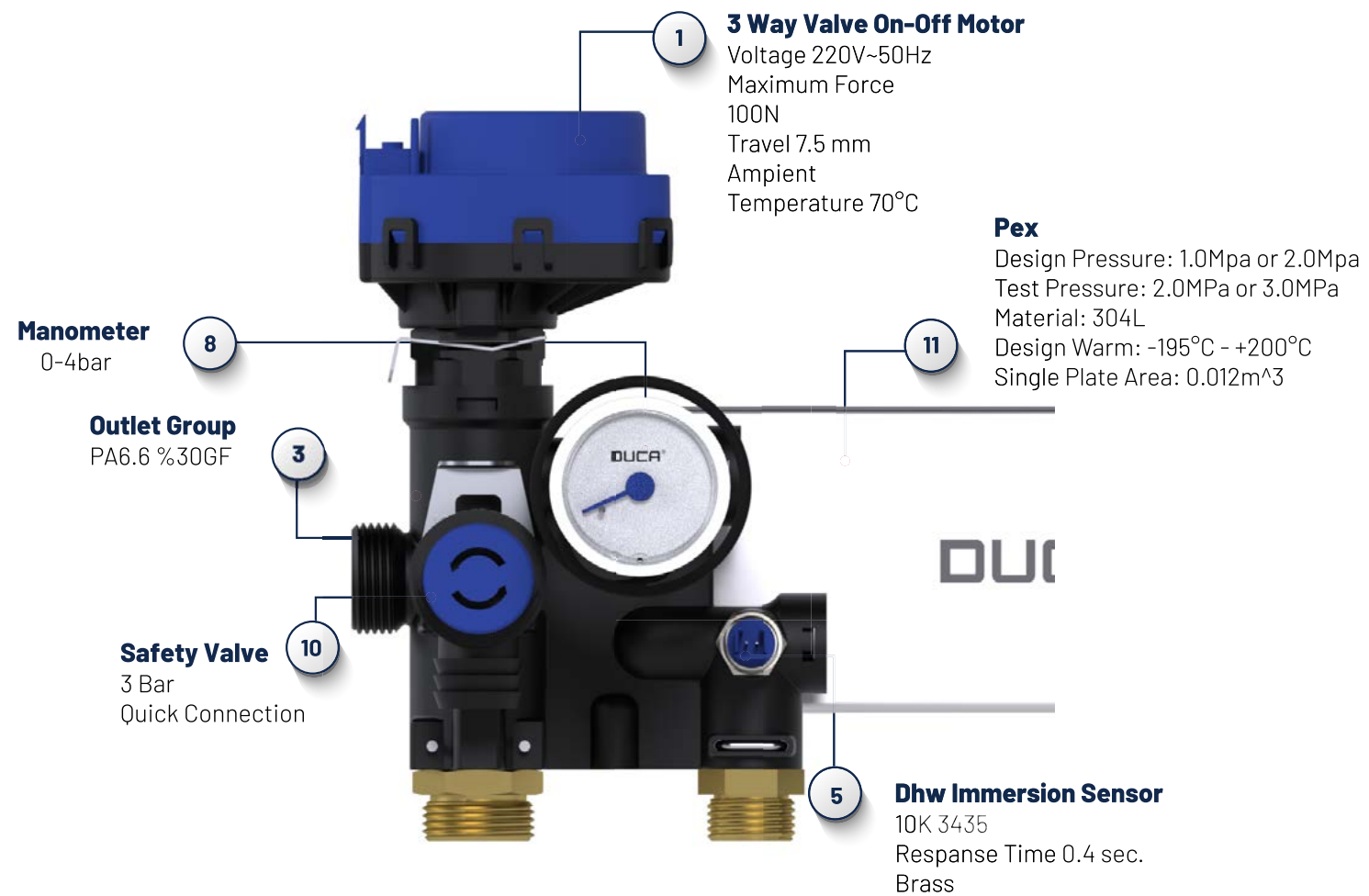
Monothermic Combi Hydroblock Set, Composite



CONTENTS

- 1 ▷ 3 Way Valve On-OfMotor
- 2 ▷ Flow Restrictor
- 3 ▷ Outlet Group
- 4 ▷ Filling Tap
- 5 ▷ Dhw Immersion Sensor
- 6 ▷ Pressure Sensor
- 7 ▷ Circulation Pump
- 8 ▷ Manometer
- 9 ▷ Inlet Group
- 10 ▷ Safety Valve
- 11 ▷ Pex
- 12 ▷ Nippel
- 13 ▷ Flow Control





Pressure Sensor

Medium:	Heating water, water, air
Measuring range:	0 ... 450 kPa / 4,5 bar / 65 psi
Burst pressure :	> 0,9 MPa / 9 bar / 130 psi
Characteristic / Tolerance* at Vcc=5,00 V DC	
> Upper tolerance limit	Uout [V] = 0,58 [V/bar] x applied pressure [bar] + 1,23 [V]
> Ideal characteristic	Uout [V] = 0,55 [V/bar] x applied pressure [bar] + 1,125 [V]
> Lower tolerance limit	Uout [V] = 0,52 [V/bar] x applied pressure [bar] + 1,02 [V]
The tolerance value includes a temperature influence of 0.01 % FS/K for the medium temperature	
> Material housing	Grivory (glass fibre reinforced) EPDM + fabric reinforcement
> Material membrane	Certified for drinking-water / KTW, WZ70, FDA on request
Medium temperatur (water)	+2 °C...+90 °C (max. 120 °C for 10 minutes above lifetime)
Ambient temperature	-10 °C +70 °C
Storage temperature	-40 °C ... +70 °C
Supply voltage	5 V DC ± 0.25 V (ratiometric)
Maximum power consumption	< 14 mA (12 mA typ)
Output signal (2066.2102)	Proportional analog voltage
at 0 bar/ at 4,5 bar	> 1,125 V / > 3,6 V
Terminal	Rast 2.5; 3-pole, 4-pole





WEX

It is used for hot or cold water circulation in gas, electric condensing boilers.

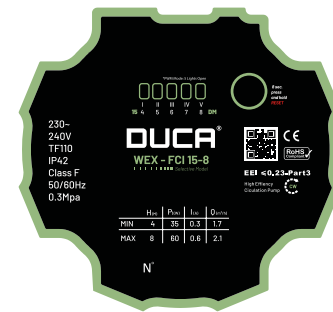


Max Head 8m / Max Flow 2.25 m³/h

MAIN FEATURES

Max Flow	▷ 2.25 m ³ /h
Max Head	▷ 8m
Liquid Temperature	▷ +2°C~+95°C
Maximum Ambient Temperature	▷ 0~+40°C
Maximum System Pressure	▷ 3 Bar
Protection Level	▷ IP 44
Mains Connection	▷ 220V ~240 50Hz veya 60 Hz
Insulation Class	▷ E Class (EN 60335-1)(4706.1)

NAMEPLATE



OEM SOLUTIONS

We can design our front label according to your demand and customise your pump.

EEI ≤ 0.23



SELECT YOUR CABLE CONNECTION

Thanks to our innovative pump solution, you can create your own pump by choosing your body structure and cable connections. You can examine in more detail from the file in the documents section.

FOR POWER



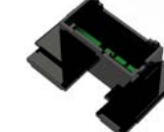
Type pSS (Superseal)



Type pM (Molex)



Type pINT



Type pTAC

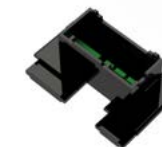
FOR PWM



Type sMSS (Mini Superseal)



Type sFCI (FCI)



Type sTAC



Without Signal

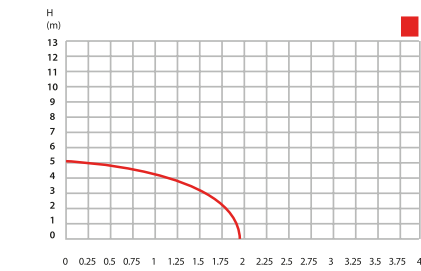


Type sINT

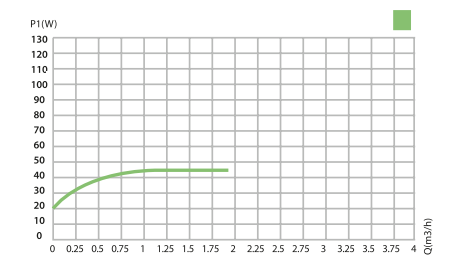
PERFORMANS

Type WEX 15-6

Water flow (m³/h)

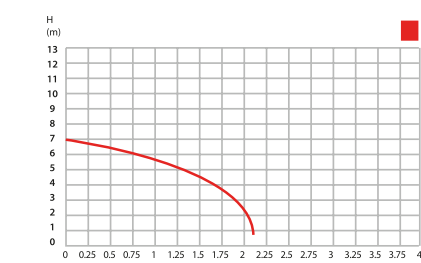


Q (m³/h)

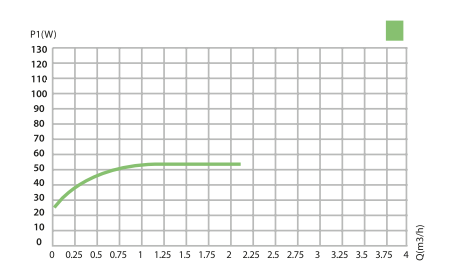


Type WEX 15-7

Water flow (m³/h)

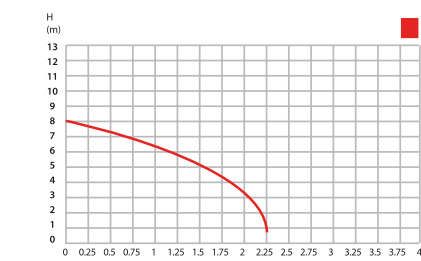


Q (m³/h)

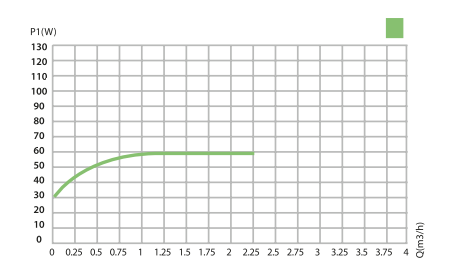


Type WEX 15-8

Water flow (m³/h)



Q (m³/h)





WX

It is used for hot or cold water circulation in gas, electric condensing boilers.

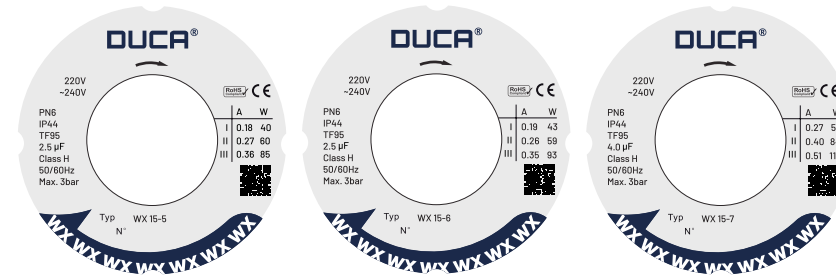


Max Head 7m / Max Flow 3.5 m³/h

MAIN FEATURES

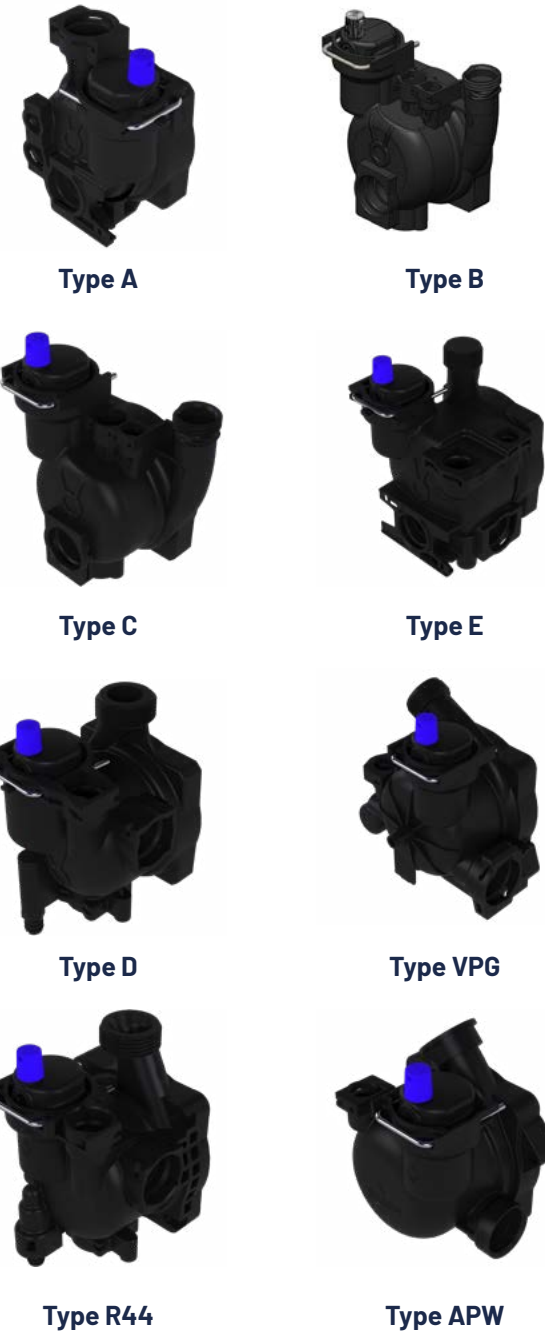
Max Flow	▷ 3.5 M3/H
Max Head	▷ 7m
Liquid Temperature	▷ +2°C~+95°C
Maximum Ambient Temperature	▷ 0~ +40°C
Maximum System Pressure	▷ 3 Bar
Protection Level	▷ IP 44
Mains Connection	▷ 220v ~240 50Hz Veya 60 Hz
Insulation Class	▷ E Class (En 60335-1)(4706.1)

NAMEPLATE



NOTE: When A,B,C,D,E bodies are used, the external appearance of the pump motor changes as follows.

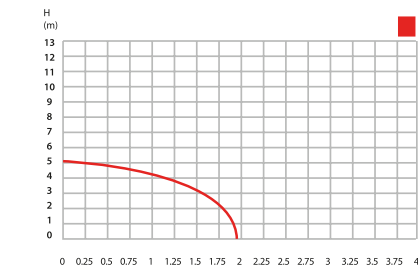
HOUSING



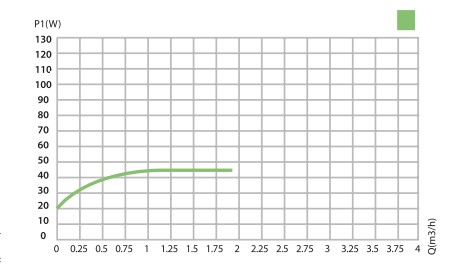
PERFORMANCE

Type WX 15-5

Water flow (m³/h)

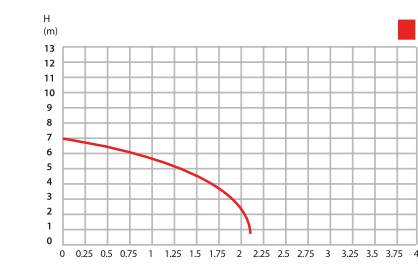


Q (m³/h)

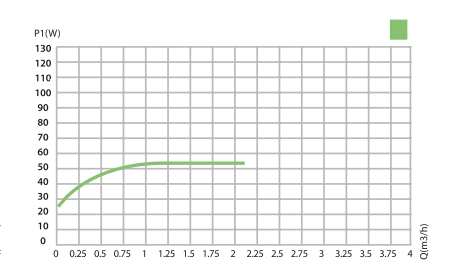


Type WX 15-6

Water flow (m³/h)

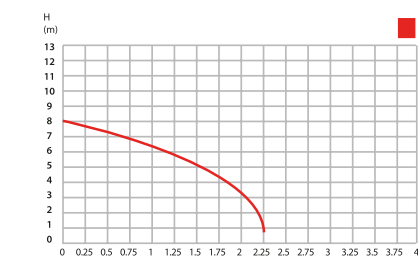


Q (m³/h)

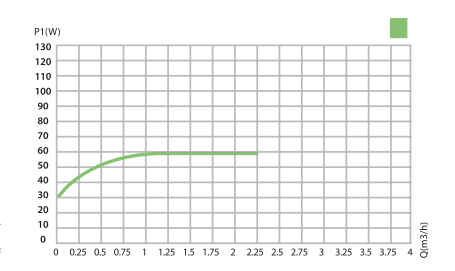


Type WX 15-7

Water flow (m³/h)



Q (m³/h)





MAX FORCE 100N

Powered by worimex

www.ducapump.com



ACTUATORS

It is used for directing hot or cold water in gas, electric condensing and conventional boilers.



LOW ENERGY CONSUMPTION



SILENT DESIGN



COMPACT DESIGN



EASY INSTALLATION AND OPERATION

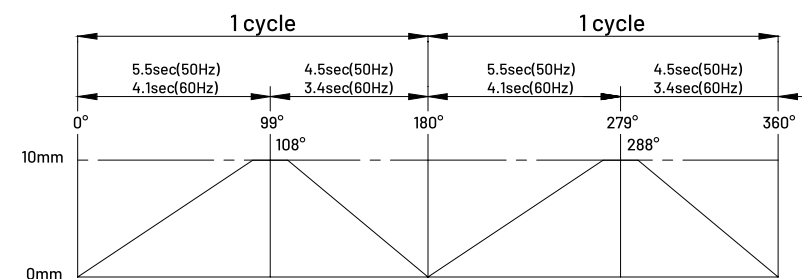
MAIN FEATURES

Voltage	▷ 220V~50Hz
Force	▷ 100N
Travel	▷ 7.5mm ~ 10mm
Ambient Temperature	▷ 0C - 70C
Cycle Time (sec)	▷ 10(50Hz), 7.5(60Hz)
Power Consumption	▷ < 4W

AVAILABLE FEATURES

STEP	7.5 mm	10 mm	
VOLTAGE (AC)	24V	120V	220-240V
MAXIMUM FORCE	75	100	

CYCLE SCHEME



MODEL



TYPE 10



TYPE 20



TYPE 30



TYPE 40

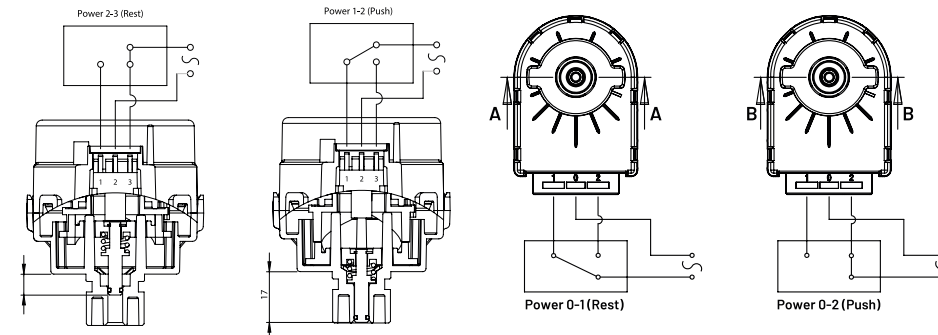


TYPE 50



TYPE 100

AVAILABLE FEATURES



THE FIRST AND ONLY IN TURKIYE

-Powered by worimex



ACTUATORS+ CARTRIDGE

It is used for directing hot or cold water in gas, electric condensing and conventional boilers.



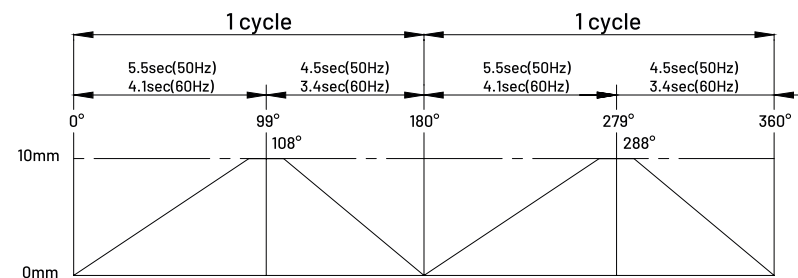
MAIN FEATURES

Voltage	▷ 220V~50Hz
Force	▷ 100N
Ambient Temperature	▷ 0C - 70C
Cycle Time (sec)	▷ 10(50Hz), 7.5(60Hz)
Power Consumption	▷ < 4W

AVAILABLE FEATURES

VOLTAGE (AC)	24V	120V	220÷240V
MAXIMUM FORCE	75	100	

CYCLE SCHEME



MODEL



TYPE 60



TYPE 70



TYPE 80



TYPE 90

THE FIRST AND ONLY IN TURKIYE

-Powered by worimex



LOW ENERGY
CONSUMPTION



SILENT
DESIGN



COMPACT
DESIGN



EASY INSTALLATION
AND OPERATION



AFTER MARKET

(WX-APX-IRX-NP-KP-DP-DSP-6XP-GEX-WEX-TEX-VP)

As Duca, we prevent the reduction of resources by producing products that work with high efficiency and consume low levels of energy with the awareness of our responsibilities to the world.

www.ducapump.com



WEX

WEX Model is compatible Wilo Para, Yonos Para.



LOW ENERGY CONSUMPTION



SILENT DESIGN



COMPACT DESIGN

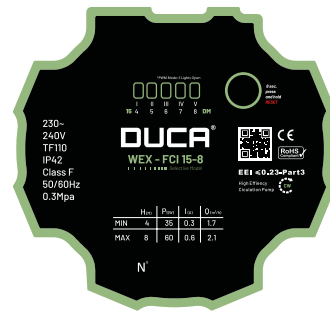


EASY INSTALLATION AND OPERATION

MAIN FEATURES

Max Flow	▷ 2.5 m ³
Max Head	▷ 8 m
Liquid Temperature	▷ +2 °C~+95 °C
Maximum Ambient Temperature	▷ +40 °C
Maximum System Pressure	▷ 3bar
Protection Level	▷ IP42
Mains Connection	▷ 220V ~240 50Hz or 60 Hz
Insulation Class	▷ E Class(EN 60335-1)(4706.1)

NAMEPLATE



BOX CONTENTS

- 4x M6 Screws
- 1x Warranty Certificate
- 1x User Manual



EEI ≤ 0.23



SELECT YOUR CABLE CONNECTION

Thanks to our innovative pump solution, you can create your own pump by choosing your body structure and cable connections. You can examine in more detail from the file in the documents section.

POWER



Type pINT



Type pM (Molex)

PWM



Type sFCI (FCI)



Without Signal



Type sINT

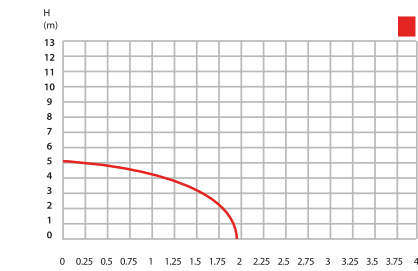
WEX-INT



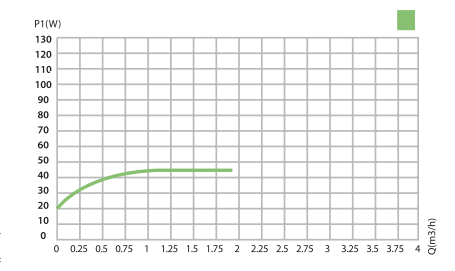
PERFORMANCE

Type WEX 15-6

Water flow (m³/h)

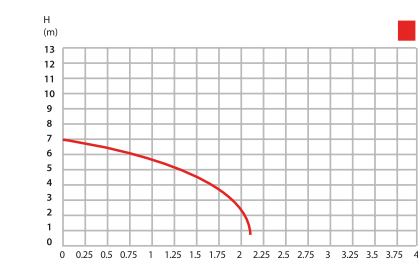


Q (m³/h)

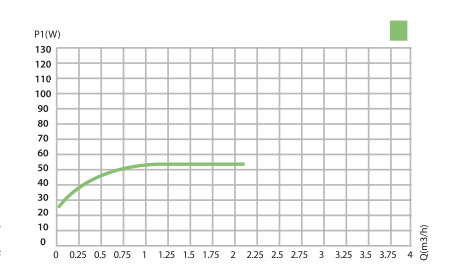


Type WEX 15-7

Water flow (m³/h)

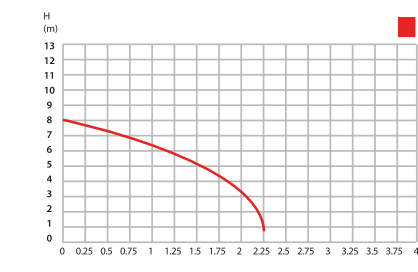


Q (m³/h)

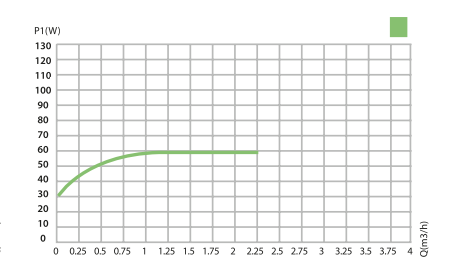


Type WEX 15-8

Water flow (m³/h)



Q (m³/h)





GEX

GEX Model is compatible Grundfos UPM3, UPM4.



LOW ENERGY CONSUMPTION



SILENT DESIGN



COMPACT DESIGN

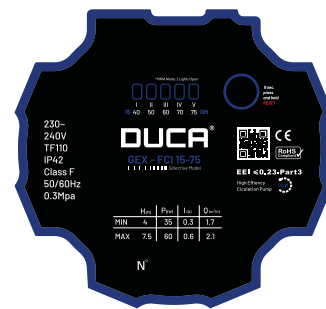


EASY INSTALLATION AND OPERATION

MAIN FEATURES

Max Flow	▷ 2.5 m ³
Max Head	▷ 7.5 m
Liquid Temperature	▷ +2 °C~+95 °C
Maximum Ambient Temperature	▷ +40 °C
Maximum System Pressure	▷ 3bar
Protection Level	▷ IP42
Mains connection	▷ 220V ~240 50Hz or 60 Hz
Insulation Class	▷ E Class(EN 60335-1)(4706.1)

NAMEPLATE



BOX CONTENTS

- 4x M6 Screws
- 1x Warranty Certificate
- 1x User Manual



EEI ≤ 0.23



SELECT YOUR CABLE CONNECTION

Thanks to our innovative pump solution, you can create your own pump by choosing your body structure and cable connections. You can examine in more detail from the file in the documents section.

FOR POWER



Type pSS (Superseal)

FOR PWM



Type sMSS (Mini Superseal)



Type sFCI (FCI)



Without Signal

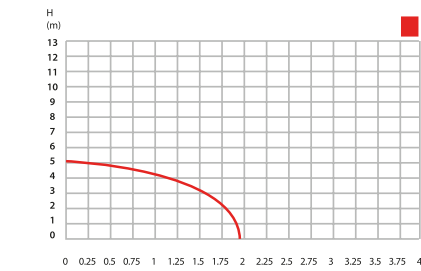
GEX-IMPELLER



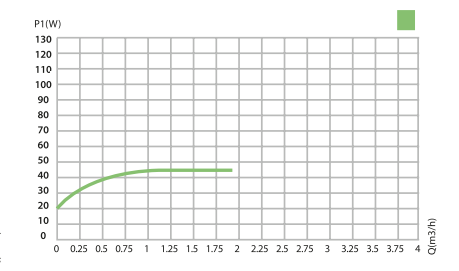
PERFORMANCE

Type GEX 15-6

Water flow (m³/h)

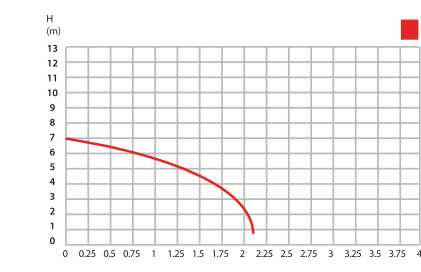


Q (m³/h)

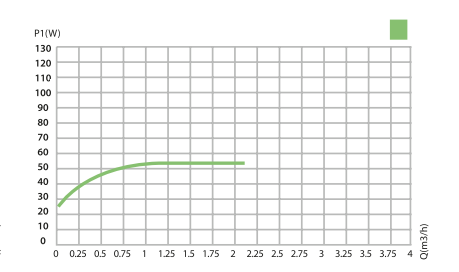


Type GEX 15-7

Water flow (m³/h)

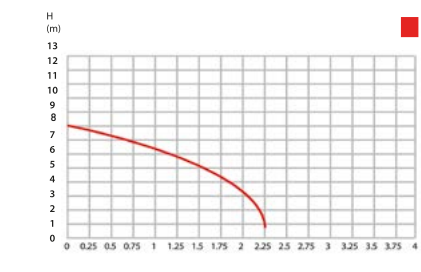


Q (m³/h)

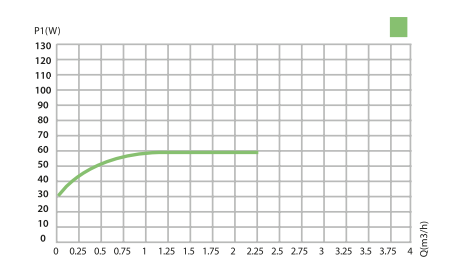


Type GEX 15-75

Water flow (m³/h)



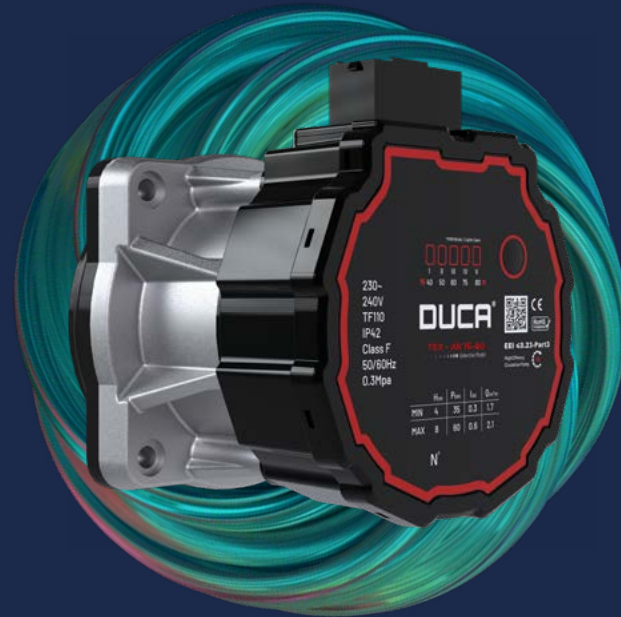
Q (m³/h)





TEX

TEX Model is compatible Taco.



LOW ENERGY CONSUMPTION



SILENT DESIGN



COMPACT DESIGN

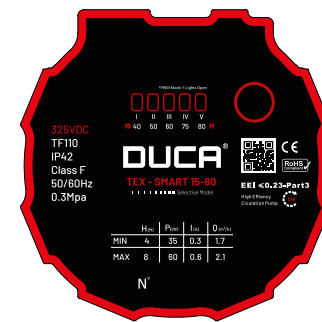


EASY INSTALLATION AND OPERATION

MAIN FEATURES

Max Flow	▷ 2.5 m ³
Max Head	▷ 8 m
Liquid Temperature	▷ +2 °C~+95 °C
Maximum Ambient Temperature	▷ +40 °C
Maximum System Pressure	▷ 3bar
Protection Level	▷ IP44
Mains connection	▷ 220V ~240 50Hz or 60 Hz
Insulation Class	▷ E Class(EN 60335-1)(4706.1)

NAMEPLATE



Optional
325v Dc Version
For Ariston

BOX CONTENTS

- 4x M6 Screws
- 1x Warranty Certificate
- 1x User Manual



EEI ≤ 0.23



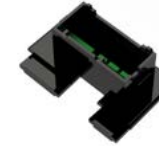
SELECT YOUR CABLE CONNECTION

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FOR POWER



Type pM (Molex)

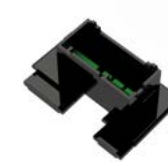


Type pTAC

FOR PWM



Type sFCI (FCI)



Type sTAC



Without Signal

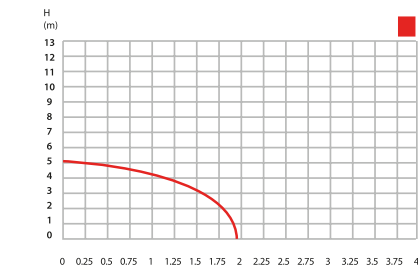
TEX-IMPELLER



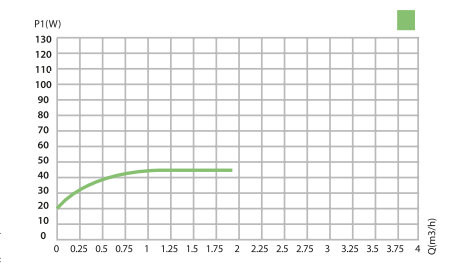
PERFORMANCE

Type TEX 15-6

Water flow (m³/h)

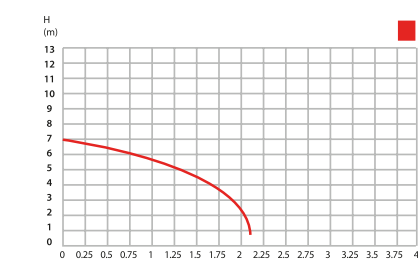


Q (m³/h)

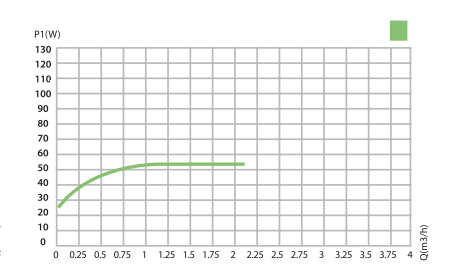


Type TEX 15-7

Water flow (m³/h)

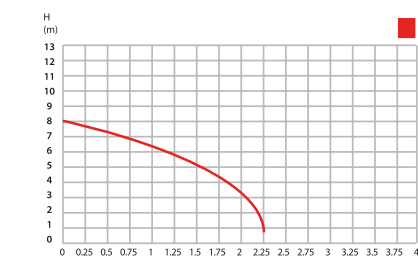


Q (m³/h)

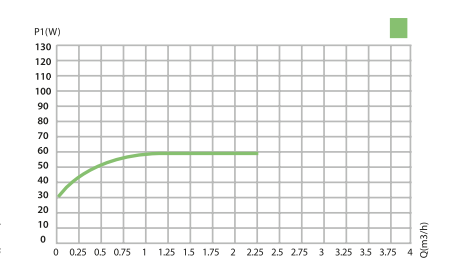


Type TEX 15-8

Water flow (m³/h)



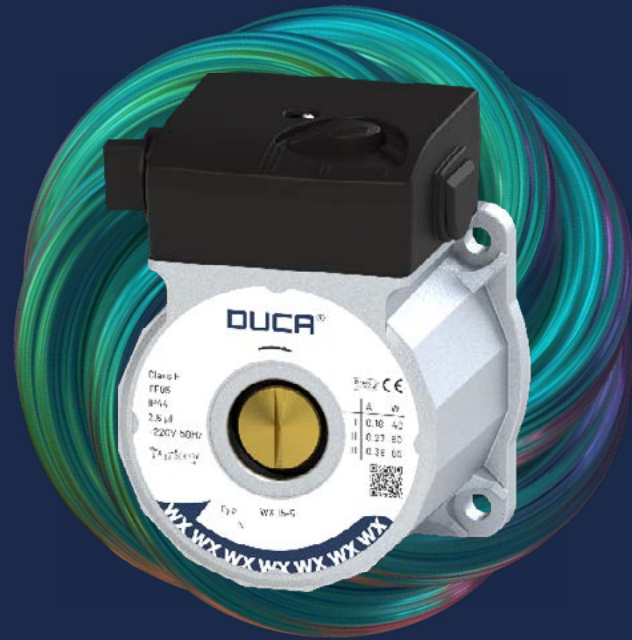
Q (m³/h)





WX

WX Model is compatible Wilo standart pump.



LOW ENERGY CONSUMPTION



SILENT DESIGN



COMPACT DESIGN

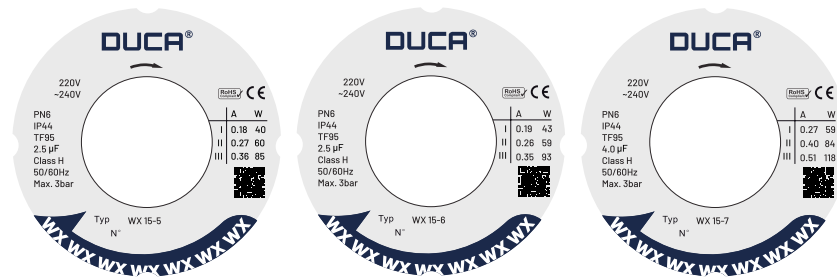


EASY INSTALLATION AND OPERATION

MAIN FEATURES

Max Flow	▷ 3.5 m ³
Max Head	▷ 7 m
Liquid Temperature	▷ +2 °C~+95 °C
Maximum Ambient Temperature	▷ +40 °C
Maximum System Pressure	▷ 10bar
Protection Level	▷ IP44
Mains connection	▷ 220V/50HZ
Insulation Class	▷ H

NAMEPLATE



BOX CONTENTS

- 1x Molex Cable
- 1x User Manual
- 4x M6 Screws
- 1x Molex Adaptor
- 1x Warranty Certificate
- 1x Terminal



MODEL



WX 15-5



Standart Impeller
Ø68 mm



WX 15-6



Standart Impeller
Ø68 mm



WX 15-7

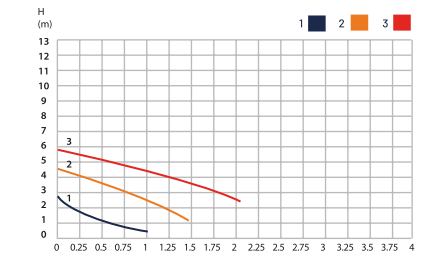


Standart Impeller
Ø72 mm

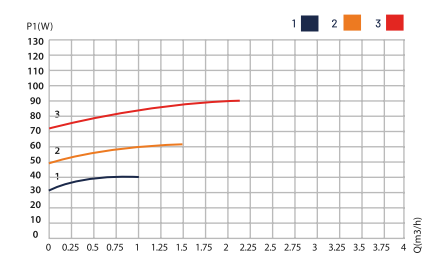
PERFORMANCE

Type WX 15-5

Water flow (m³/h)

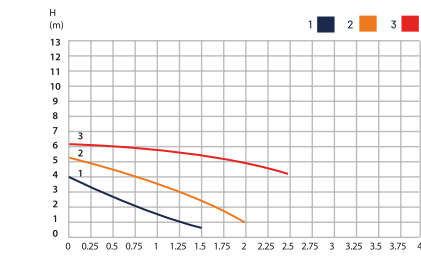


Q (m³/h)

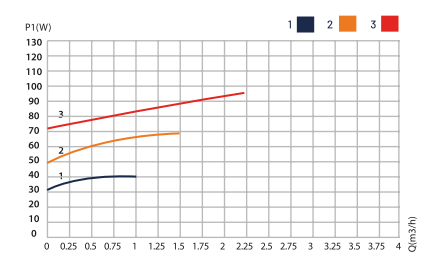


Type WX 15-6

Water flow (m³/h)

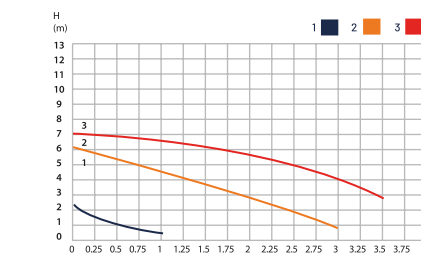


Q (m³/h)

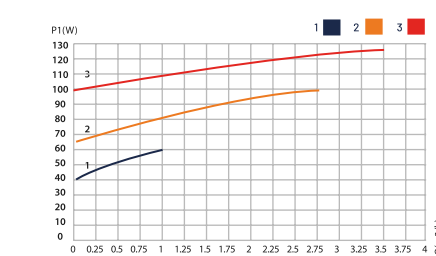


Type WX 15-7

Water flow (m³/h)



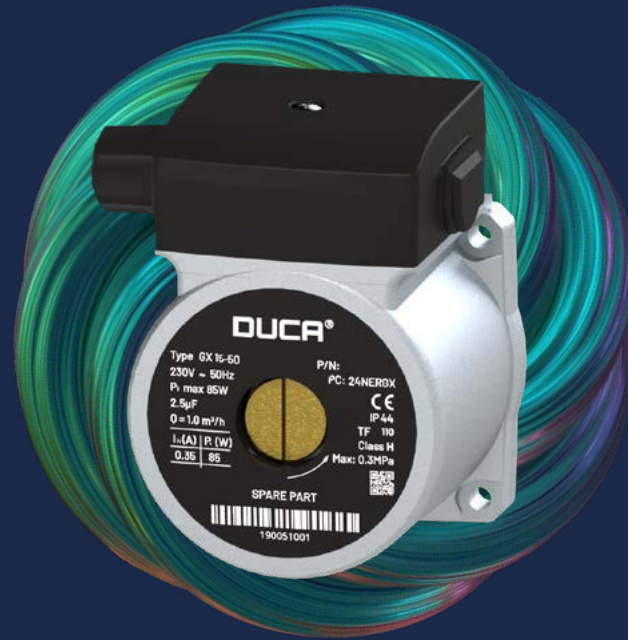
Q (m³/h)





GX

WX Model is compatible Grundfos standart pump.

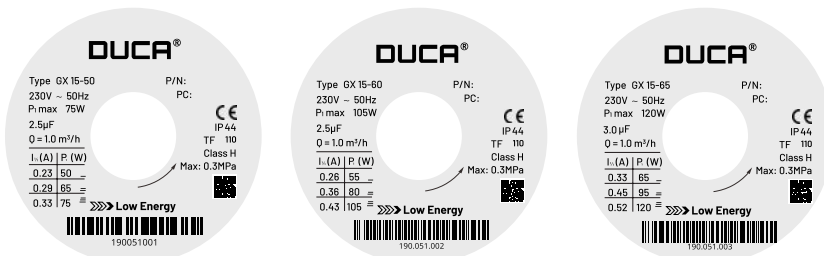


LOW ENERGY CONSUMPTION SILENT DESIGN COMPACT DESIGN EASY INSTALLATION AND OPERATION

MAIN FEATURES

Max Flow	▷ 3.5 m ³
Max Head	▷ 6.5 m
Liquid Temperature	▷ +2 °C~+95 °C
Maximum Ambient Temperature	▷ +40 °C
Maximum System Pressure	▷ 10bar
Protection Level	▷ IP44
Mains connection	▷ 220V/50HZ
Insulation Class	▷ H

NAMEPLATE



BOX CONTENTS

- 1x Molex Cable
- 4x M6 Screws
- 1x Warranty Certificate
- 1x User Manual
- 1x Molex Adaptor
- 1x Terminal



MODEL



WX 15-50



Standart Impeller
Ø68 mm



WX 15-60



Standart Impeller
Ø68 mm



WX 15-65

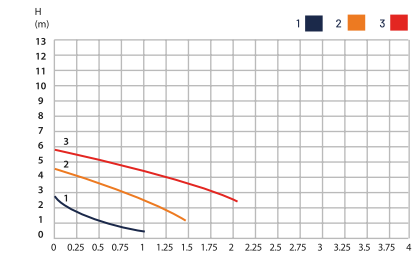


Standart Impeller
Ø72 mm

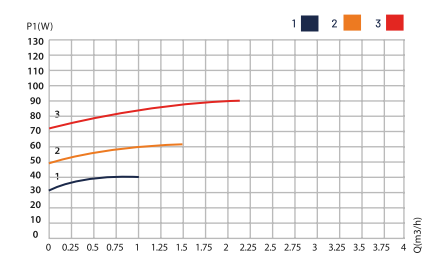
PERFORMANCE

Type GX 15-50

Water flow (m³/h)

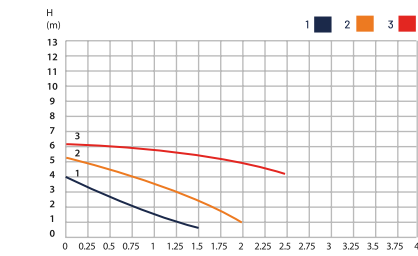


Q (m³/h)

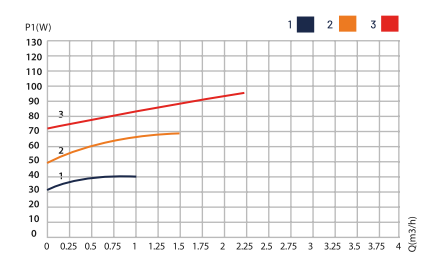


Type GX 15-60

Water flow (m³/h)

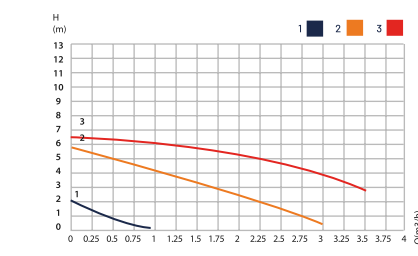


Q (m³/h)

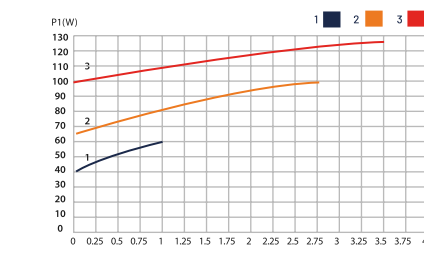


Type GX 15-65

Water flow (m³/h)



Q (m³/h)





APW

APX Model is compatible Wilo Int models pump.



LOW ENERGY CONSUMPTION



SILENT DESIGN



COMPACT DESIGN



EASY INSTALLATION AND OPERATION

MAIN FEATURES

Max Flow	▷ 2.5 m ³
Max Head	▷ 6 m
Liquid Temperature	▷ +2 °C~+95 °C
Maximum Ambient Temperature	▷ +40 °C
Maximum System Pressure	▷ 10bar
Protection Level	▷ IP44
Mains connection	▷ 220V/50HZ
Insulation Class	▷ H

NAMEPLATE

APWW 15-5.2A Wide Impeller
I :59W / 0,27A Class H
II:84W / 0,36A TF95
N°

APW-R 15-6.2A Reverse Rotation
I :59W / 0,27A Class H
II:90W / 0,37A TF95
N°

APW 15-5.1A
I :84W / 0,36A Class H
TF95
N°

APW 15-5.2A
I :59W / 0,27A Class H
II:84W / 0,36A TF95
N°

APW 15-6.2A
I :59W / 0,27A Class H
II:90W / 0,37A TF95
N°

APW 15-6.1A
I :90W / 0,37A Class H
TF95
N°

BOX CONTENTS

- 4x M6 Screws
- 1x Warranty Certificate
- 1x User Manual
- 1x Ground Cable
- 1x Terminal Box - with special connector



CONNECTOR



Type APW.1A

This connector is 1 speed, special production for Wilo Int model.



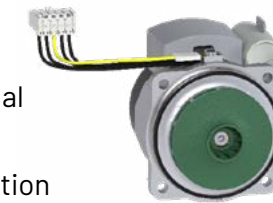
APX.2A

Standart Ariston Model
This connector is 2 speed, special production for Wilo Int model.



APW.2A - Protherm Model

This connector is 2 speed, special production for Wilo Int model.
Please note that, this pump rotation is counter clock wise. (Protherm



Reverse Rotation Green Impeller



APW.2A - Saunier Duval Model

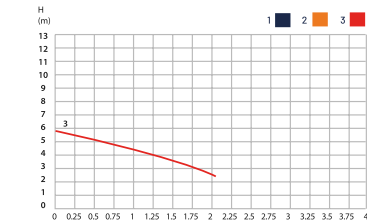
This connector is 2 speed, special production for Wilo Int model.
Please note that, this pump rotation is counter clock wise. (Saunier Duval model)



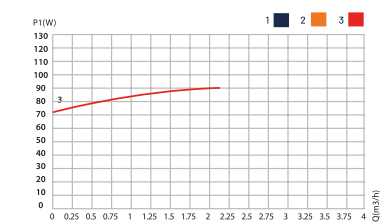
Wide Impeller

PERFORMANCE

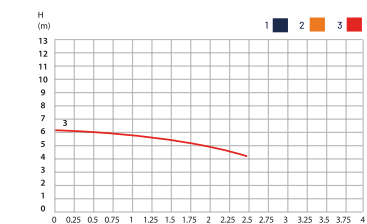
Type APX 15-50.1A Water flow (m³/h)



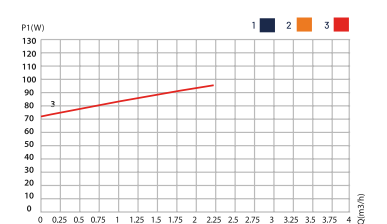
Q (m³/h)



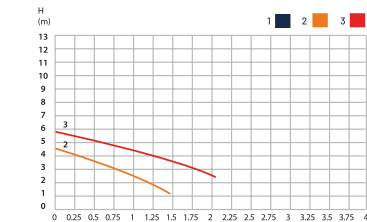
Type APX 15-60.1A Water flow (m³/h)



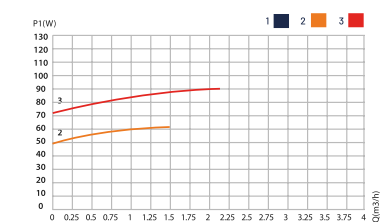
Q (m³/h)



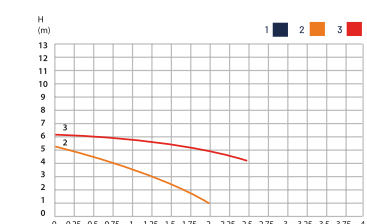
Type APX 15-50.2A Water flow (m³/h)



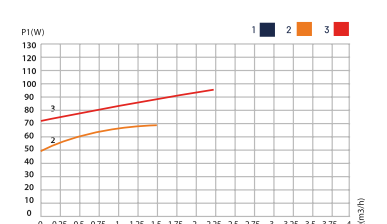
Q (m³/h)



Type APX 15-60.2A Water flow (m³/h)



Q (m³/h)





VPG - VPW

VP : This model is compatible Vaillant boiler inside Grundfos&Wilo Pumps.
 VPG : Compatible Vaillant Grundfos Pump
 VPW : Compatible Vaillant Wilo Pump



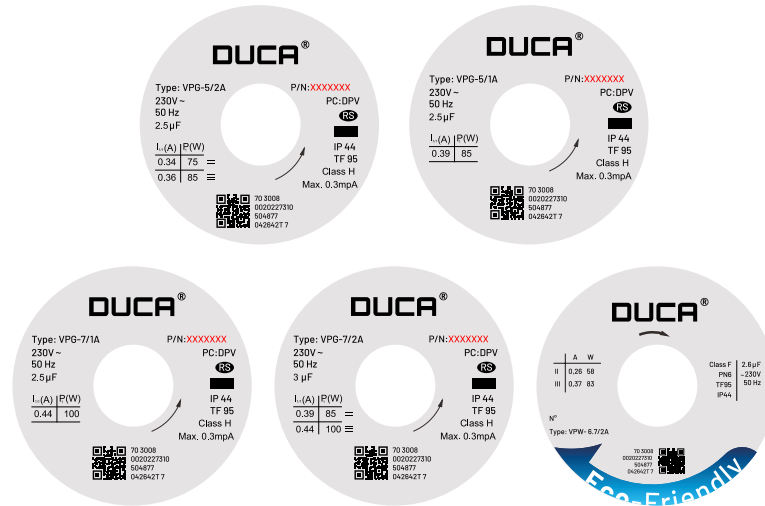
VPW:
Vaillant Pump Wilo

VPG:
Vaillant Pump Grundfos

MAIN FEATURES

Max Flow	▷ 2.5 m ³
Max Head	▷ 6.7 m
Liquid Temperature	▷ +2°C~+95°C
Maximum Ambient Temperature	▷ +40°C
Maximum System Pressure	▷ 10bar
Protection Level	▷ IP44
Mains connection	▷ 220V/50HZ
Insulation Class	▷ H

NAMEPLATE



BOX CONTENTS

WITH BODY		WITHOUT BODY	
• 1x Metal Part for Installation	• 1x Washer G3/4"	• 2x Screw M4.8 L=9mm	• 4x Screw M6 (for Wilo)
• 1x Blind Plug	• 1x Washer G3/8"	• 1x User Manual	• 4x Screw M5 (for Grund.)
• 1x O-ring 9.5x2.5	• 1x Turbotec Oring Small	• 1x Warranty Certificate	• 1x User Manual
• 1x O-ring 20x2.0	• 1x Square Clips	• 1x Mini Catalogue	• 1x Warranty Certificate
• 1x O-ring 15.54x2.62	• 1x Turbotec Oring Big		• 1x Mini Catalogue
• 1x O-ring 20.29x3.53	• 1x Bypass Clips		
	• 1x Screw M4.8 L=19mm		



CONNECTOR



Type VP X.1A

This connector is 1 speed, special production for Vaillant Wilo / Grundfos model.



Type VP X.2A

This connector is 2 speed, special production for Vaillant Wilo / Grundfos model.



Wall Thickness **1mm**
 Impeller Dimension **34mm (INC. WALL)**

CHOOSE YOUR SIDE!

We can ship with housing or without housing, Choose your side!



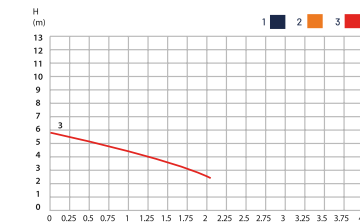
With Housing Plastik Gövdeli



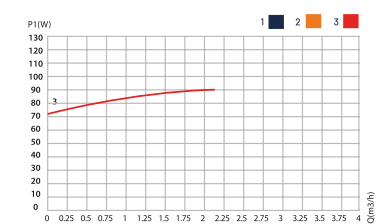
Without Housing Plastik Gövdesiz

PERFORMANCE

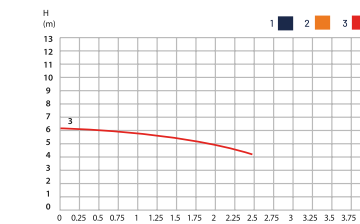
Type VP 5.1A Water flow (m³/h)



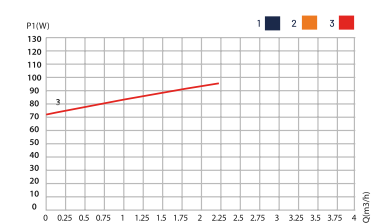
Q (m³/h)



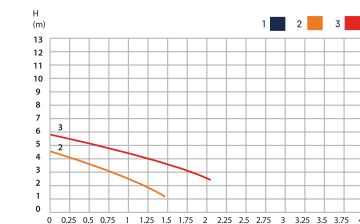
Type VP 7.1A Water flow (m³/h)



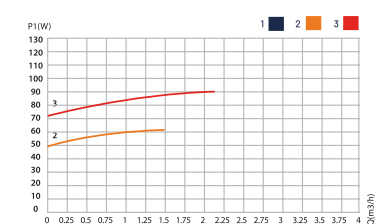
Q (m³/h)



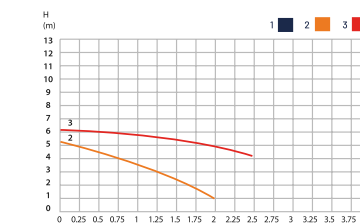
Type VP 5.2A Water flow (m³/h)



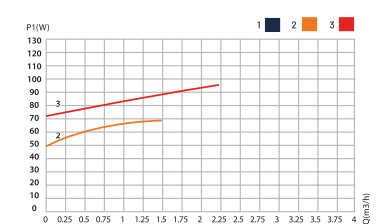
Q (m³/h)



Type VP 7.2A Water flow (m³/h)



Q (m³/h)





IRX

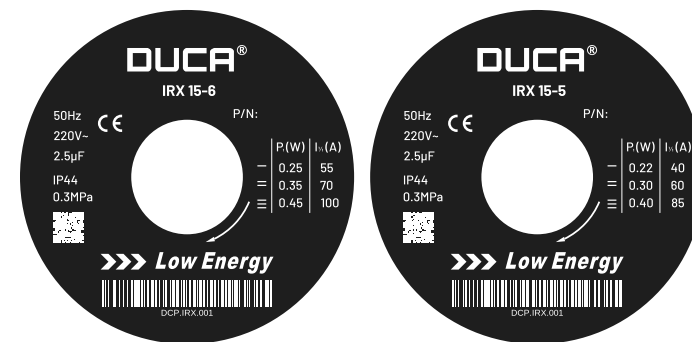
IRX Model is compatible IRG & BUTANE standart pump.



MAIN FEATURES

Max Flow	▷ 2.5 m ³
Max Head	▷ 6 m
Liquid Temperature	▷ +2 °C~+95 °C
Maximum Ambient Temperature	▷ +40 °C
Maximum System Pressure	▷ 10bar
Protection Level	▷ IP44
Mains connection	▷ 220V/50HZ
Insulation Class	▷ H

NAMEPLATE



BOX CONTENTS

- 1x Molex Cable
- 1x User Manual
- 4x M6 Screws
- 1x Molex Adaptor
- 1x Warranty Certificate
- 1x Terminal



MODEL



IRX 15-50



Standard Impeller
Ø68 mm



IRX 15-60

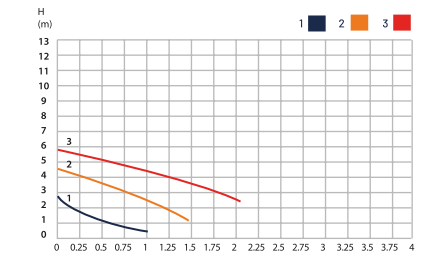


Standard Impeller
Ø68 mm

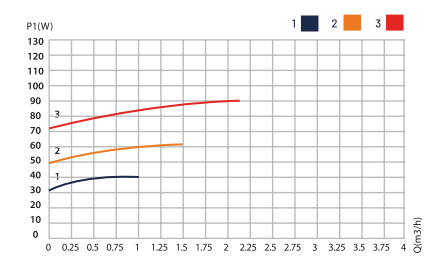
PERFORMANCE

Type IRX 15-60

Water flow (m³/h)

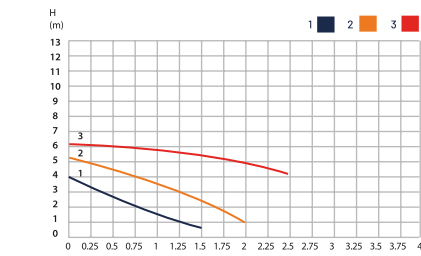


Q (m³/h)

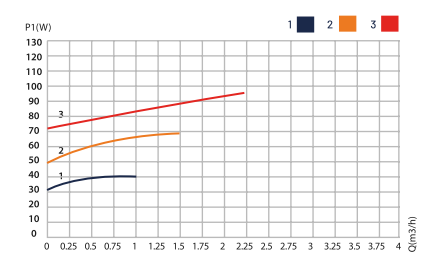


Type IRX 15-60

Water flow (m³/h)



Q (m³/h)



This pump rotation is clockwise, special for the IRG&BUTANE boiler.

- LOW ENERGY CONSUMPTION
- SILENT DESIGN
- COMPACT DESIGN
- EASY INSTALLATION AND OPERATION



NP

NP Model is compatible Navien standart pump.



LOW ENERGY CONSUMPTION



SILENT DESIGN



COMPACT DESIGN

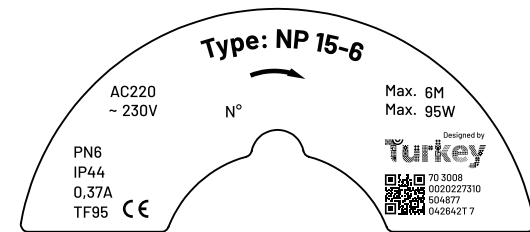


EASY INSTALLATION AND OPERATION

MAIN FEATURES

Max Head	▷ 2.2 m3
Max Flow	▷ 6 m
Liquid Temperature	▷ +2 °C~+95 °C
Maximum Ambient Temperature	▷ +40°C
Maximum System Pressure	▷ 10bar
Protection Level	▷ IP44
Mains connection	▷ 220V/50HZ
Insulation Class	▷ H

NAMEPLATE

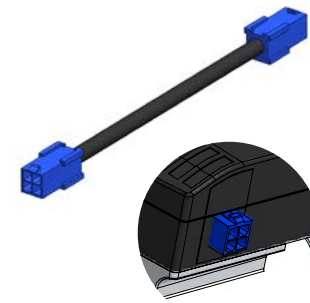
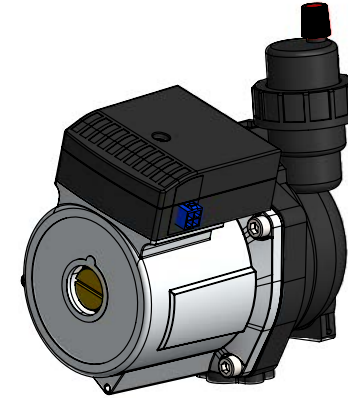


BOX CONTENTS

- 4x Nuts
- 4x Screw
- 1x Cable Converter
- 1x Warranty Certificate
- 1x User Manual
- 1x Oring for Housing



MODEL

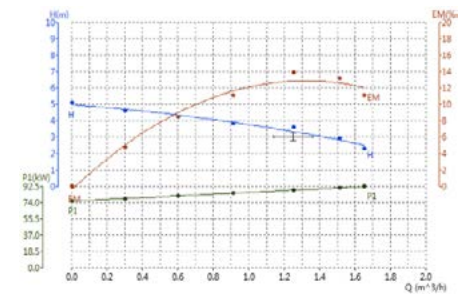


Attention.
This pump rotation is clockwise, please contact us if you need anti-clockwise.

Осторожно
Navien выбрала этот впускной патрубок для некоторых своих насосов. Если вы видите этот впускной патрубок, вы можете подключиться с помощью кабеля-переходника внутри коробки.

PERFORMANS

Type NP 15-60





KP

KP Model is compatible Kiturami standart pump.



LOW ENERGY CONSUMPTION



SILENT DESIGN



COMPACT DESIGN



EASY INSTALLATION AND OPERATION

MAIN FEATURES

Max Flow	▷ 2.2 m ³
Max Head	▷ 7.5 m
Liquid Temperature	▷ +2 °C~+95 °C
Maximum Ambient Temperature	▷ +40 °C
Maximum System Pressure	▷ 10bar
Protection Level	▷ IP44
Mains connection	▷ 220V/50HZ
Insulation Class	▷ H

NAMEPLATE



MODEL

KP 15-75

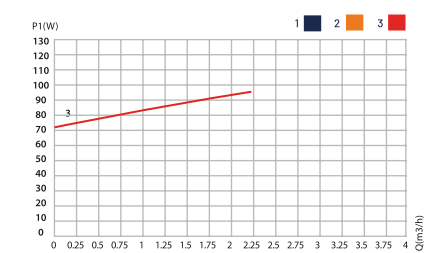
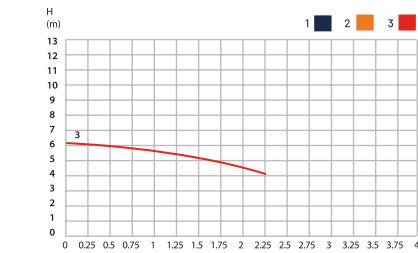


PERFORMANS

Type KP 15-75

Water flow (m³/h)

Q (m³/h)





DP

DP Model is compatible Daewoo standart pump.



LOW ENERGY CONSUMPTION



SILENT DESIGN



COMPACT DESIGN



EASY INSTALLATION AND OPERATION

MAIN FEATURES

Max Flow	▷ 2.2 m ³
Max Head	▷ 7.5 m
Liquid Temperature	▷ +2 °C~+95 °C
Maximum Ambient Temperature	▷ +40 °C
Maximum System Pressure	▷ 10bar
Protection Level	▷ IP44
Mains connection	▷ 220V/50HZ
Insulation Class	▷ H

NAMEPLATE



MODEL

DP 15-75

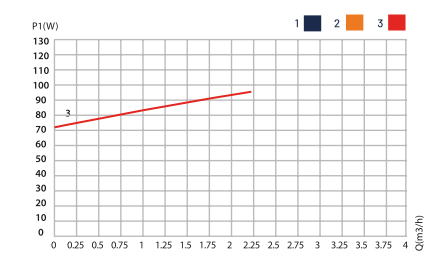
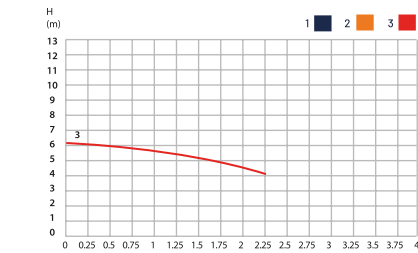


PERFORMANS

Type DP 15-75

Water flow (m³/h)

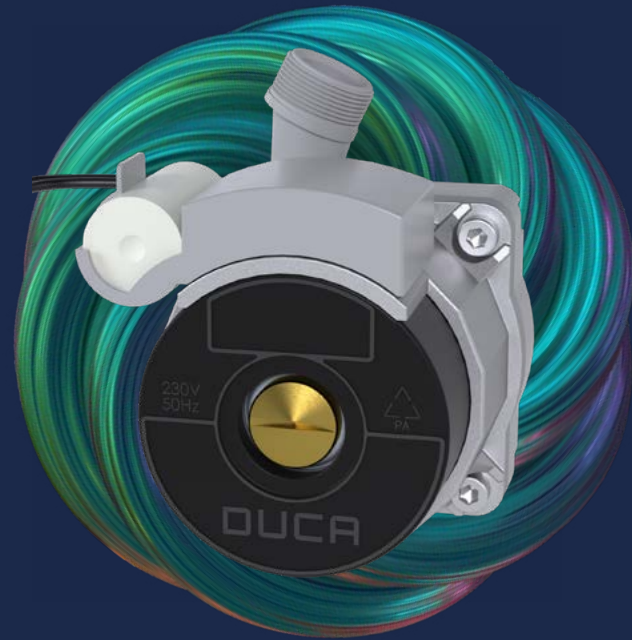
Q (m³/h)





DSP

DSP Model is compatible Wilo INT Ariston standart pump.



LOW ENERGY CONSUMPTION



SILENT DESIGN



COMPACT DESIGN



EASY INSTALLATION AND OPERATION

MAIN FEATURES

Max Flow	▷ 2.2 m ³
Max Head	▷ 7.5 m
Liquid Temperature	▷ +2 °C~+95 °C
Maximum Ambient Temperature	▷ +40 °C
Maximum System Pressure	▷ 10bar
Protection Level	▷ IP44
Mains connection	▷ 220V/50HZ
Insulation Class	▷ H

NAMEPLATE



MODEL

DSP 15-75

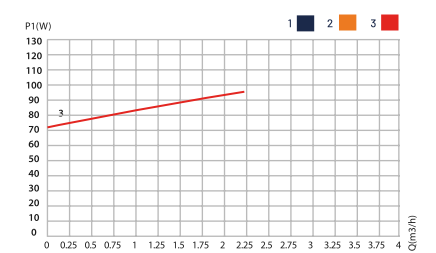
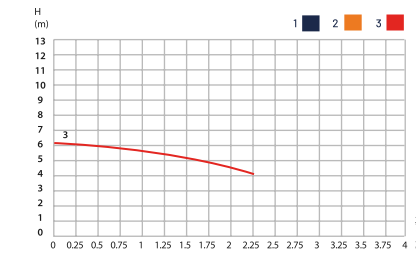


PERFORMANS

Type DSP 15-75

Water flow (m³/h)

Q (m³/h)





6P

DSP Model is compatible Daesung standart pump.



LOW ENERGY CONSUMPTION



SILENT DESIGN



COMPACT DESIGN

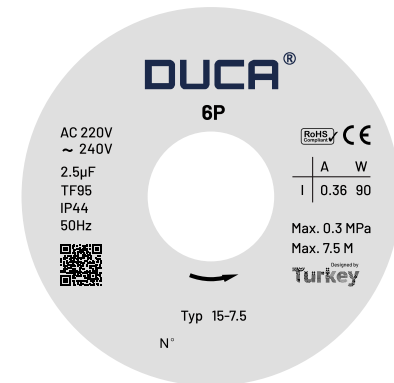


EASY INSTALLATION AND OPERATION

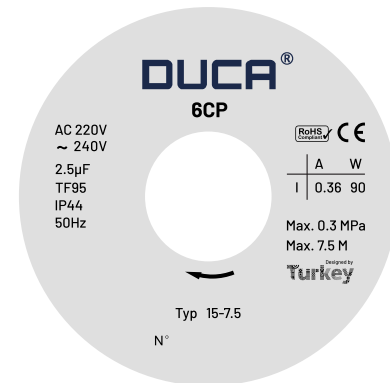
MAIN FEATURES

Max Flow	▷ 2.2 m ³
Max Head:	▷ 7.5 m
Liquid Temperature	▷ +2 °C~+95 °C
Maximum Ambient Temperature	▷ +40 °C
Maximum System Pressure	▷ 10bar
Protection Level	▷ IP44
Mains connection	▷ 220V/50HZ
Insulation Class	▷ H

NAMEPLATE



6XP: Daesung,
Arderia, Mastergas,
Daewoo



6XCP: Kiturami

BOX CONTENTS

- | | |
|--------------------------------|---------------------------|
| 6CP | 6XCP |
| • 1x Ground Cable | • 4x Screw |
| • 1x Terminal | • 1x Cable |
| • Box - with special connector | • 1x Warranty Certificate |
| | • 1x User Manual |
| | • 1x Oring for Housing |



MODEL

6P 15-75



6XP : Clock Wise

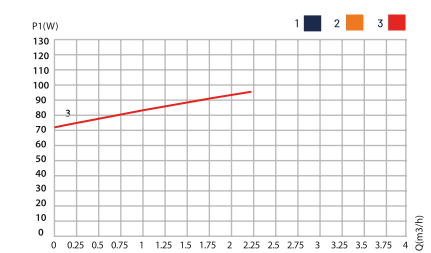
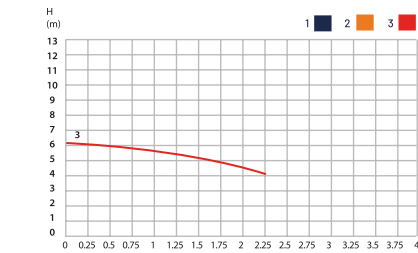
6XCP : Counter Clock Wise

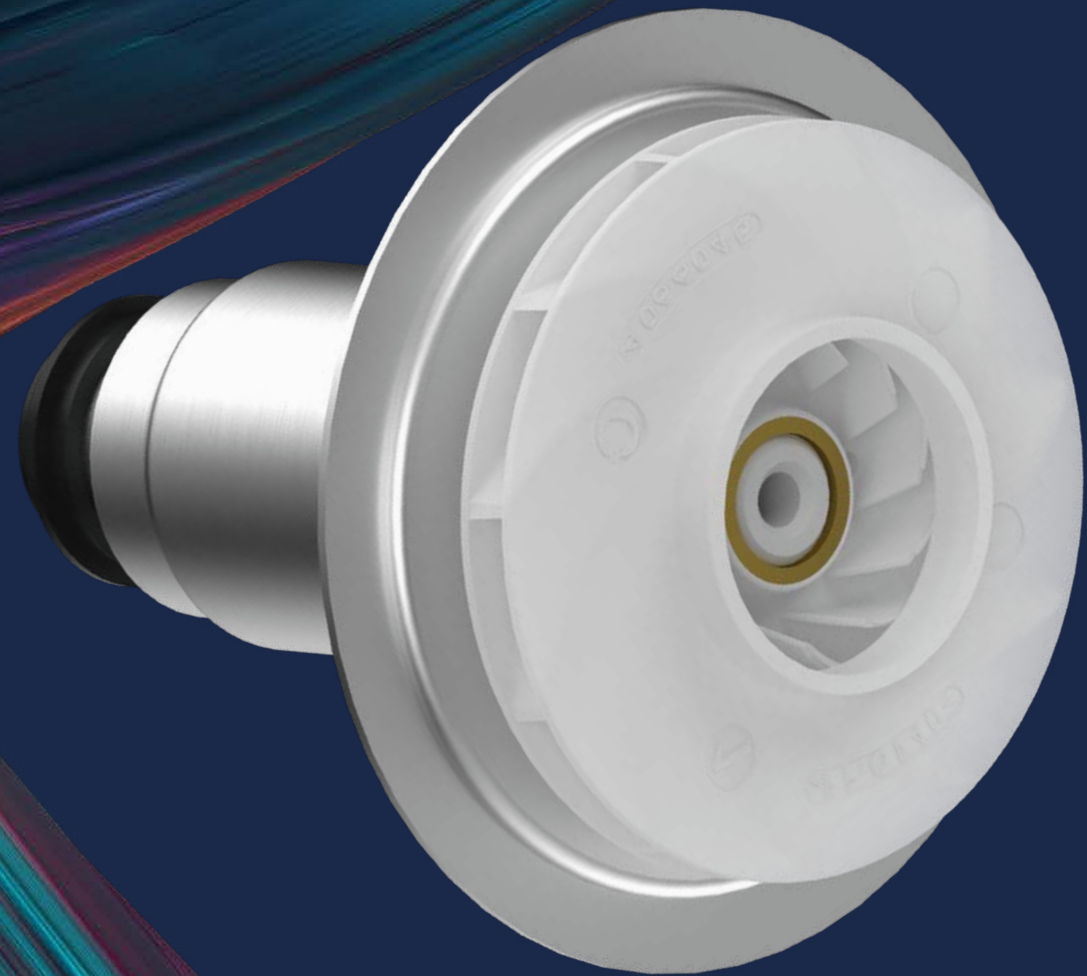
PERFORMANS

Type 6P 15-75

Water flow (m³/h)

Q (m³/h)





Rotor

with fewer pumps is
thrown away.

With different rotor options, you can change the rotor instead of replacing all the pumps whose rotors are broken.

www.ducapump.com



WR

This product is compatible all Wilo pump.

WR: Standart Wilo Type

WRV: RS Wilo Type

WRR: TSL, BXSL Wilo Type



WR

WRV

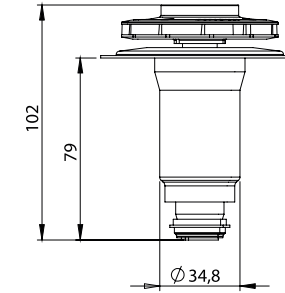
WRW



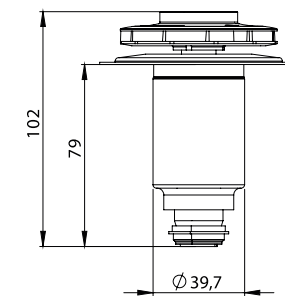
COMPACT
DESIGN
CERAMIC
SHAFT

BODY DIMENSION

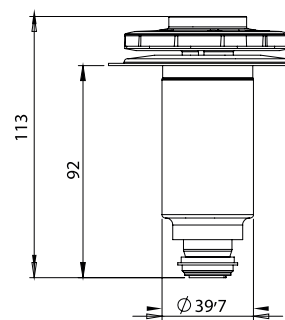
15-50



15-60

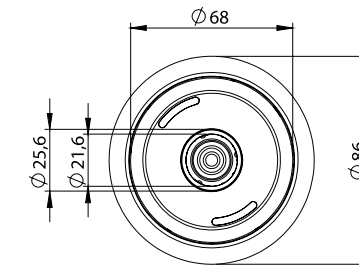


15-70

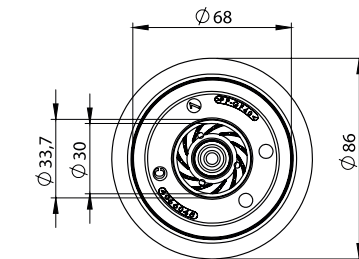


IMPELLER DIMENSION

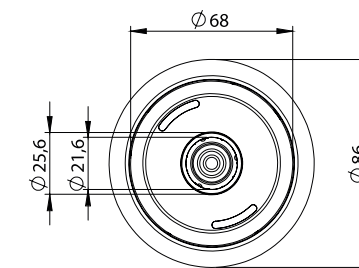
WR



WRW



WRR



Standar Impeller



Wide Impeller



Optional Colour
Reverse Rotation

BOX CONTENTS

1xGasket





GR

This product is compatible all Grundfos&IRG pump.

GR: Standart Grundfos Type
IRR: IRG Type



GR
Counter-
Clock Wise

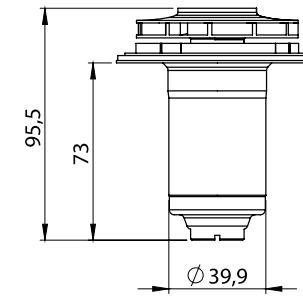
IRR
Clock
Wise



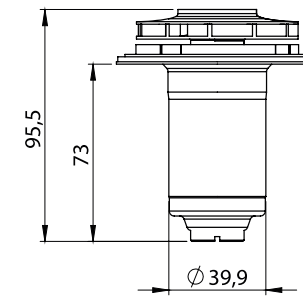
COMPACT
DESIGN
CERAMIC
SHAFT

BODY DIMENSION

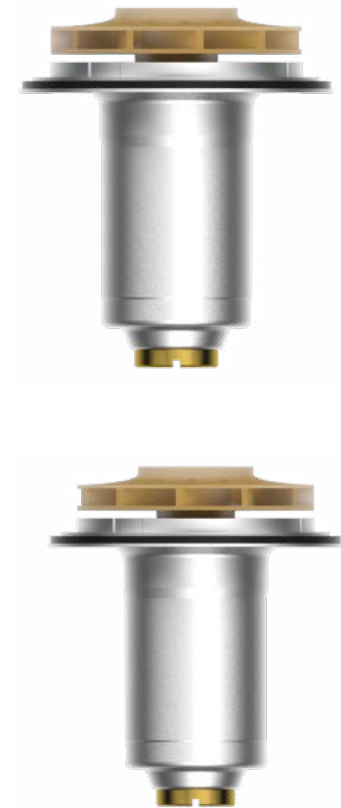
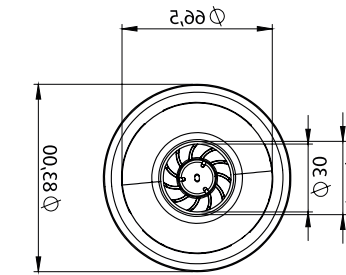
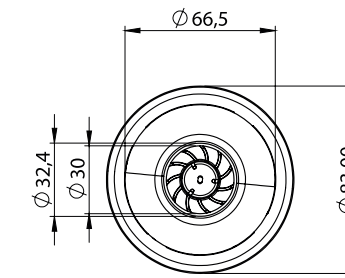
GR



IRR

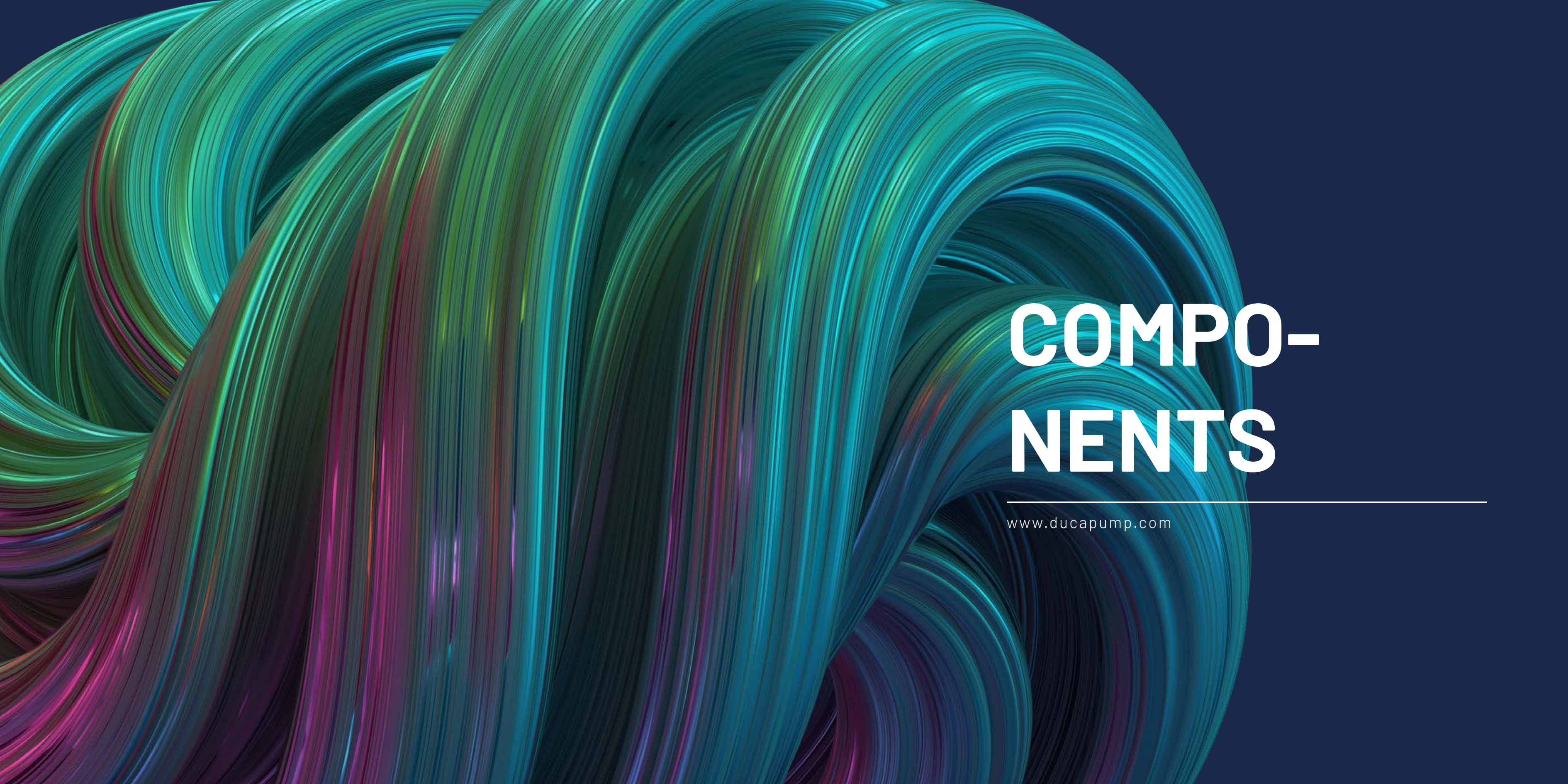


IMPELLER DIMENSION



BOX CONTENTS

- 1xGasket 



COMPO- NENTS

www.ducapump.com



Type A



Type B



Type C



Type E



Type D



Type VPG



Type R44



Type APW



1/2 Air Purger



1/2 Air Purger



1/4 Air Purger



3/8 Air Purger



Boiler Purger



Boiler Purger (Navien)



Boiler Purger (Universal)



Boiler Purger (QC Grundfos)



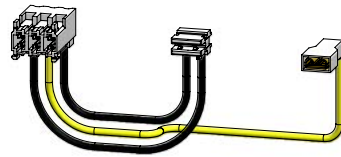
Boiler Purger (QC Taco)



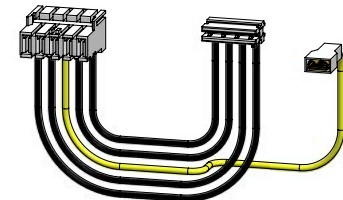
Boiler Purger (Wilo)



Safety Valve



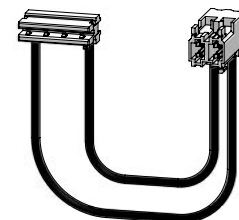
Wilo INT to Vaillant 1 Speed



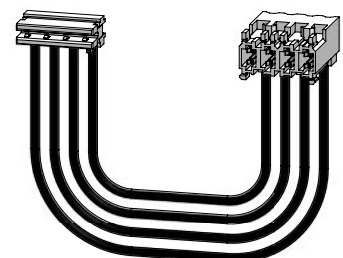
Wilo INT to Vaillant 2 Speed



Smart Connector



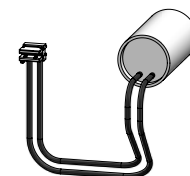
Wilo INT to Ariston 1 Speed



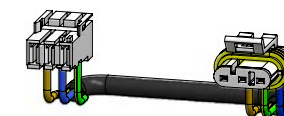
Wilo INT to Ariston 2 Speed



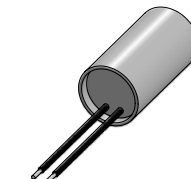
Converter Minisuperseal to FCI



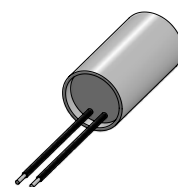
Capacitor for Wilo INT



Superseal to Vaillant 1 Speed



3 uF Capacitor



2.5 uF Capacitor

MORE & MORE



HOME BOOSTER
Smart size and high
energy efficiency



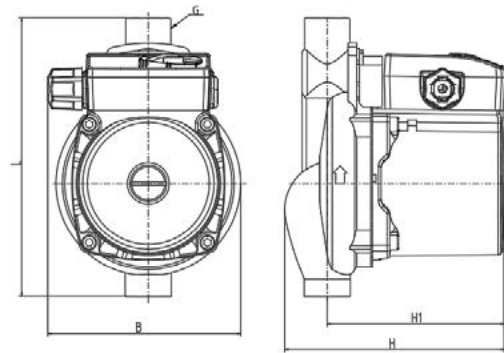
XR BOOS



Max Head 9 m / Max Flow 1.6 m³/h

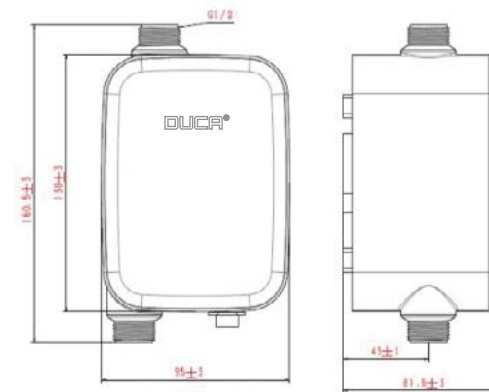
MAIN FEATURES

- Max Flow: 1.6 m³/h
- Max Head: 9m
- Rated Flow: 0.5 m³/h
- Rated Head: 7 m
- Max. input power: 120 W
- Medium temperature : 2°C~90°C ;
- Ambient temperature : 2°C~40°C ;
- Maximum system pressure : 1.0MPa ;
- Protection grade : IP44 ;
- Voltage / frequency : 220V/50Hz
- The voltage fluctuation value should be within-10%~+10% ;
- Thermal classification : H class ;
- Adaptive media : Clean water without particles and neutral pH ;
- Installation method : Install along the horizontal direction of the motor shaft.



MAIN FEATURES

- Max Flow: 1.2 m³/h
- Max Head: 12m
- Rated Flow: 0.48 m³/h
- Rated Head: 10 m
- Max. input power: 65 W
- Medium temperature : 2°C~90°C ;
- Ambient temperature : 2°C~40°C ;
- Maximum system pressure : 1.0MPa ;
- Protection grade : IP44 ;
- Voltage / frequency : 220V/50Hz
- The voltage fluctuation value should be within-10%~+10% ;
- Thermal classification : H class ;
- Adaptive media : Clean water without particles and neutral pH ;
- Installation method : Install along the horizontal direction of the motor shaft.



Max Head 12 m / Max Flow 1.2 m³/h



ALBATROS

100





ALBATROS

200



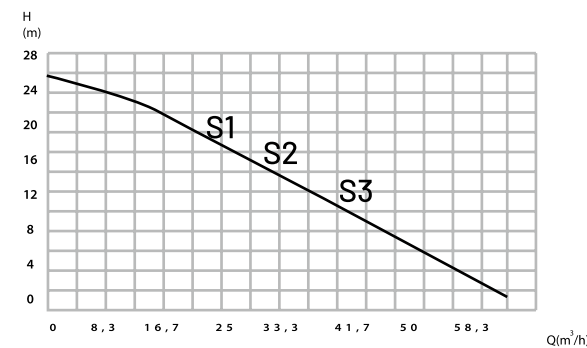
Max Head 25 m / Max Flow 3,5 m³/h

MAIN FEATURES

Max Flow: 3.5 m³/h
Max Head: 25 m
Three-stage regulation:
S1: 10 m
S2: 15 m
S3: 20 m
Rated flow: 1.5 m³/h
Rated head: 17.5
Max. Input power: 300 W

APPLICATION LIMITS

The conveying medium is clean water and other liquids with similar properties to water
O Medium temperature range 0°C~+60°C;
O The pH of the medium is between 6.5 and 8.5
O The volume ratio of solid impurities is not more than 0.1%, and the particle size is not more than 0.2mm
© The voltage is single-phase AC 220V, and the voltage fluctuation range is ±10% of the rated value.

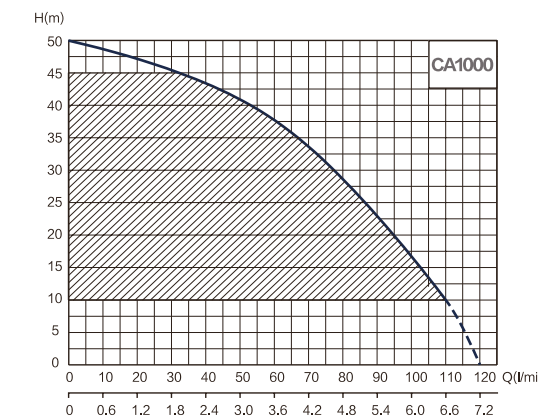


MAIN FEATURES

Max Flow: 7.2 m³/h
Max Head: 50 m
Rated flow: 4 m³/h
Rated head: 35
Max. Input power: 1200 W

APPLICATION LIMITS

The conveying medium is clean water and other liquids with similar properties to water
O Medium temperature range 0°C~+60°C;
O The pH of the medium is between 6.5 and 8.5
O The volume ratio of solid impurities is not more than 0.1%, and the particle size is not more than 0.2mm
© The voltage is single-phase AC 220V, and the voltage fluctuation range is ±10% of the rated value.



Max Head 50 m / Max Flow 7.2 m³/h



ALBATROS

1000



DUCA®

HIGHLY
INTERATED
SIMPLE AND
FASHIONABLE

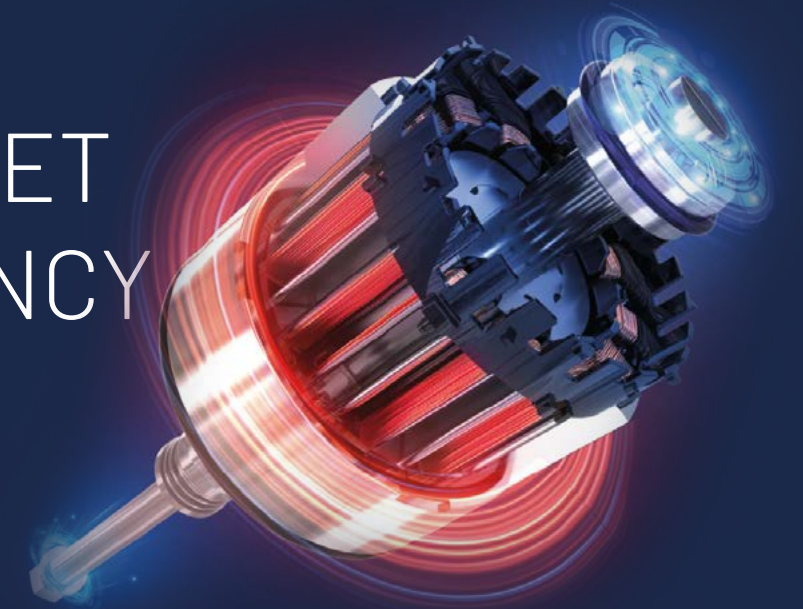
The simple and integrated modeling and metallic color and luster demonstrate the fashinoble aesthetic perception



**Intelligent Permanent
magnet variable frequency**

HIGH ENERGY
EFFICIENCY
PERMANENT MAGNET
VARIABLE FREQUENCY
MOTOR

**Smart size and high energy efficiency
The stronger power, the huger Flow**



**Intelligent Permanent
magnet variable frequency**

DUCA®

MEET MULTIPLE
CONSTANT PRESSURE
WATER NEEDS



Intelligent Permanent
magnet variable frequency

MEET MULTIPLE
CONSTANT PRESSURE
WATER NEEDS



Suitable for whole 3 floorg
and big house and villa usage



Intelligent Permanent
magnet variable frequency

DUCA®

SLIM FITTING THE SMART SIZE A4 PAPER

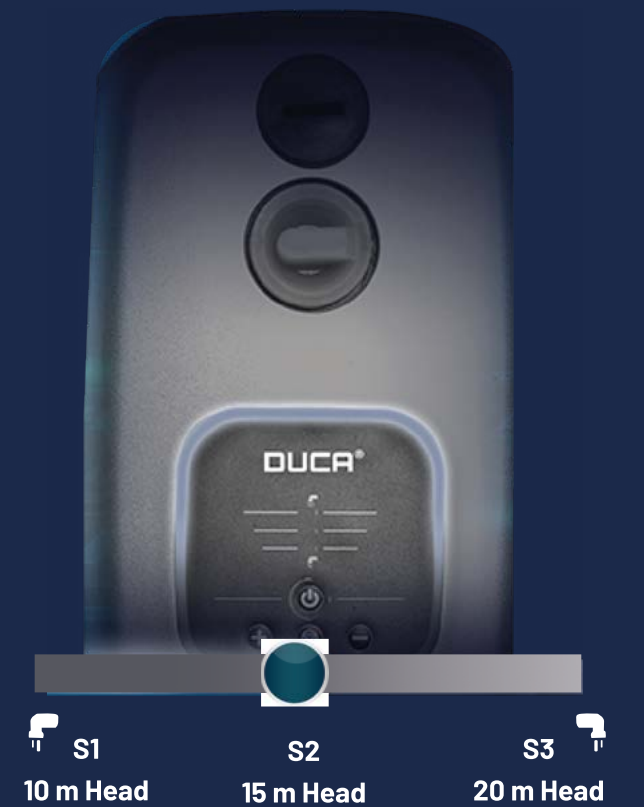
- Slim fitting and size
- As slim and smart as a4 paper



Intelligent Permanent
magnet variable frequency

3-GEAR SPEED AT YOUR SWEER WILL

- 3 models for speed regulation enable to adjust th
pressure at your sweer will, which match your water
demand with one touch
- Leave domestic less water worries easily



Intelligent Permanent
magnet variable frequency



SOLAR

www.ducapump.com



GEX SOLAR CAST

Applications for Solar System



MAIN FEATURES

Max Flow	▷ 2.5 m ³
Max Head	▷ 7.5 m
Liquid Temperature	▷ +2 °C~+95 °C
Maximum Ambient Temperature	▷ +40 °C
Maximum System Pressure	▷ 10bar
Protection Level	▷ IP42
Mains connection	▷ 220V ~240 50Hz or 60 Hz
Insulation Class	▷ E Class(EN 60335-1)(4706.1)

NAMEPLATE



BOX CONTENTS

- 2x Union
- 1x Power Cable
- 1x PWM cable
- 1x Warranty Certificate
- 1x User Manual



EEI ≤ 0.23



MODEL



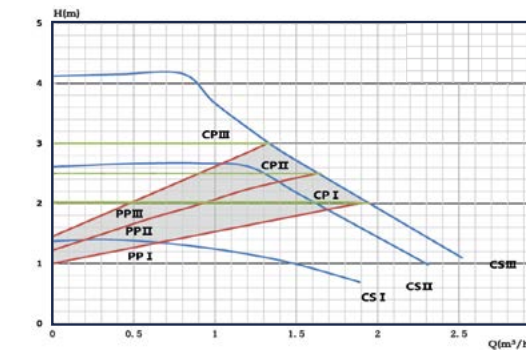
DN15-130MM



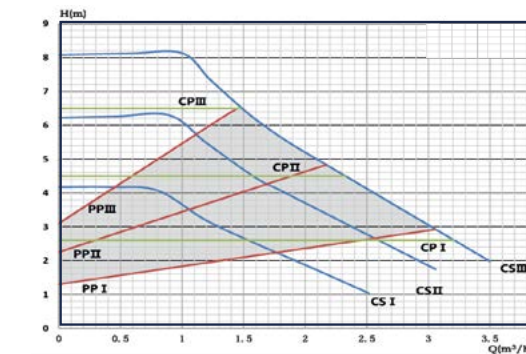
DN25-130MM

Performans

Type GEX SOLAR 40



Type GEX SOLAR 75

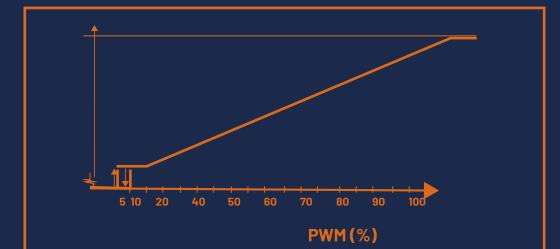
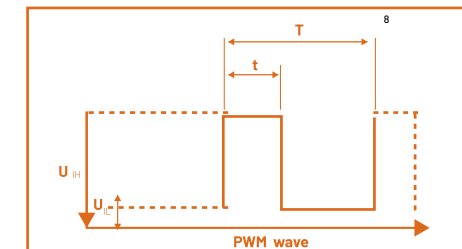
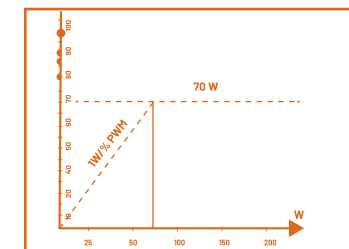


PWM input signal (%)	Pump status
0	Water pump stops running
0<PWM≤5	Standby, water pump stops running
5<PWM≤8	If the input signal fluctuates near the speed change point, it will prevent the pump from starting and stopping according to the hysteresis principle
8<PWM≤15	The electric pump runs at the lowest speed
15<PWM≤90	The electric pump rises linearly from the lowest speed to the highest speed
90<PWM≤100	The electric pump runs at the highest speed

PWM output signal (%)	Identification time QT (s)	Pump Status	Cancellation Time DT (s)	Priority
95	0	PWM Signal standby (shutdown)	0	1
90	30	Alarm/shutdown/blocking error (locked rotor)	12	2
85	0-30	Alarm/shutdown/electrical error (phase loss/overcurrent)	1-12	3
75	0	Warning (undervoltage/overvoltage)	0	5
0-70		0-70W (SLOPE 1W/%PWM)		6
output frequency		75Hz±/-5%		

Optocoupler Isolation	Yes
PWM Input frequency	200-500Hz
Input voltage high level U _{HI}	3-24V
Input voltage low level U _{LI}	<0.7V
High level input current I _{HI}	3.5mA-10mA
PWM adjustable range	0-100%
Signal Polarity	fixed
Signal polarity line length	<3m
Rise and fall time	<T/100

- LOW ENERGY CONSUMPTION
- SILENT DESIGN
- COMPACT DESIGN
- EASY INSTALLATION AND OPERATION





SYSTEM PUMPS

www.ducapump.com



GEX CAST

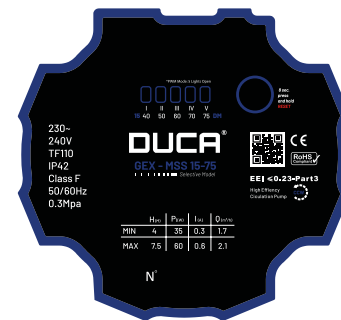
For domestic hot water system such as mix water underfloor heating system, air energy hot water circulation system, solar hot water circulation system and family hot, cold water pressurization circulation, etc.



MAIN FEATURES

Flow Flow	▷ 3.5 m ³
Max Head	▷ 8 m
Liquid Temperature	▷ +2 °C~+95 °C
Maximum Ambient Temperature	▷ +40 °C
Maximum System Pressure	▷ 10bar
Protection Level	▷ IP42
Mains connection	▷ 220V ~240 50Hz or 60 Hz
Insulation Class	▷ E Class(EN 60335-1)(4706.1)

NAMEPLATE



BOX CONTENTS

- 2x Union
- 1x Warranty Certificate
- 1x Power Cable
- 1x User Manual
- 1x PWM Cable



EEI ≤ 0.23



MODEL

DN15-130MM



DN25-130MM



DN25-180MM

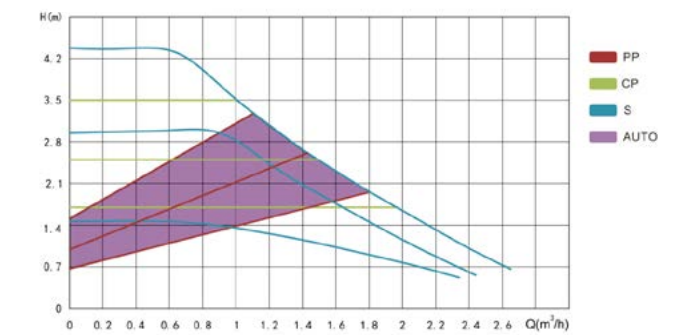


DN32-180MM

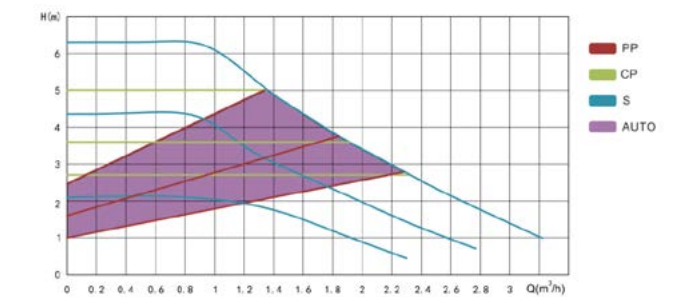


PERFORMANS

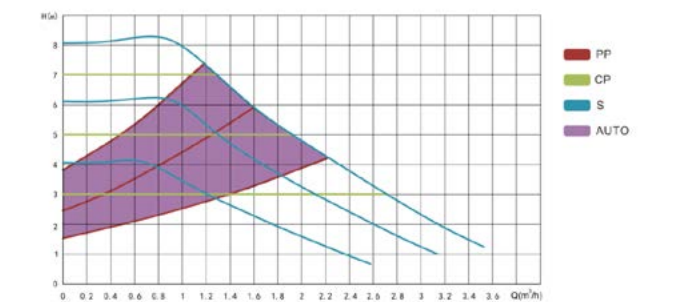
Type GEX 40



Type GEX 60



Type GEX 80



- LOW ENERGY CONSUMPTION
- SILENT DESIGN
- COMPACT DESIGN
- EASY INSTALLATION AND OPERATION



COSMO

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.



HIGH FLOW

Head Height / Debi
12.0 M / 10.0 m³/h

MAIN FEATURES

Max Flow	▷ 10 m ³
Max Head	▷ 12 m
Liquid Temperature	▷ +2 °C~+95 °C
Maximum Ambient Temperature	▷ +40 °C
Maximum System Pressure	▷ 10bar
Protection Level	▷ IP42
Mains connection	▷ 220V ~240 50Hz or 60 Hz
Insulation Class	▷ E Class(EN 60335-1)(4706.1)

BOX CONTENTS

- 2x Union
- 1x Warranty Certificate
- 1x Power Cable
- 1x User Manual



EEI ≤ 0.23



MODEL

**COSMO -A
CAST IRON**

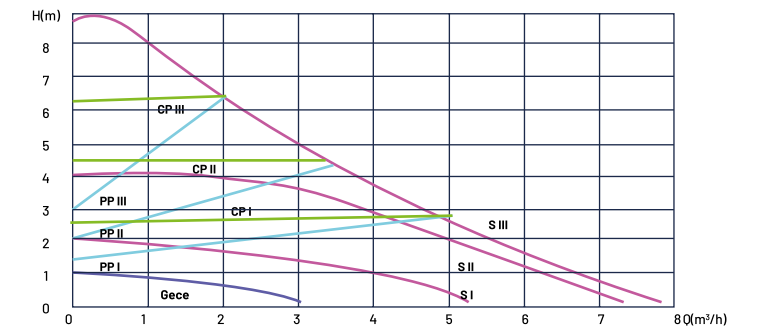


**COSMO -B
BRASS**

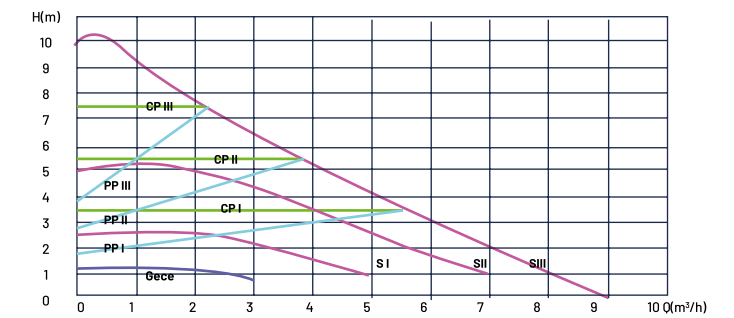


PERFORMANS

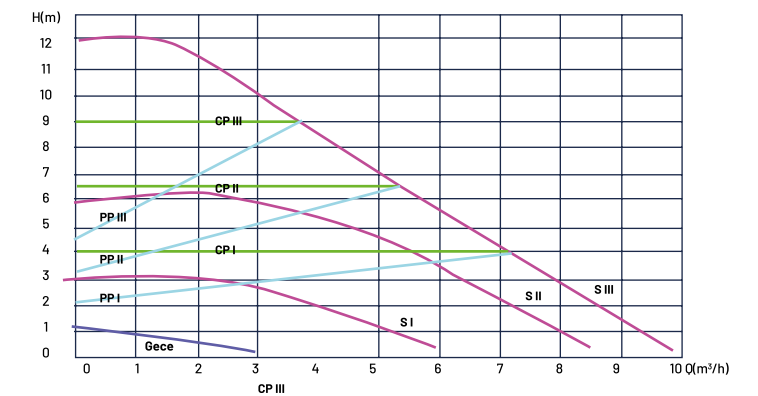
COSMO-X XX-8-180



COSMO-X XX-10-180



COSMO-X XX-12-180





XR ECO

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.



LOW ENERGY CONSUMPTION



SILENT DESIGN



COMPACT DESIGN



EASY INSTALLATION AND OPERATION

MAIN FEATURES

Max Flow	▷ 6 m ³
Max Head	▷ 8 m
Liquid Temperature	▷ +2 °C~+95 °C
Maximum Ambient Temperature	▷ +40 °C
Maximum System Pressure	▷ 10bar
Protection Level	▷ IP42
Mains connection	▷ 220V ~240 50Hz or 60 Hz
Insulation Class	▷ E Class(EN 60335-1)(4706.1)

BOX CONTENTS

- 2x Union
- 1x Warranty Certificate
- 1x Power Cable
- 1x User Manual



MODEL

DN15-130MM



DN25-130MM

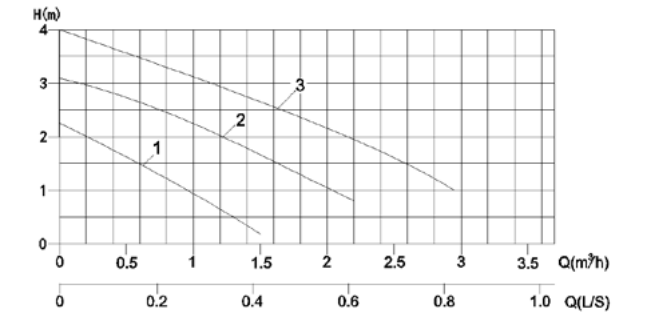


DN25-180MM

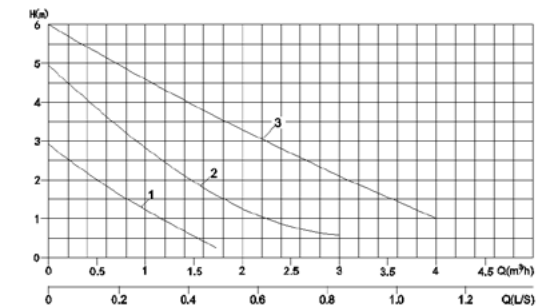


PERFORMANS

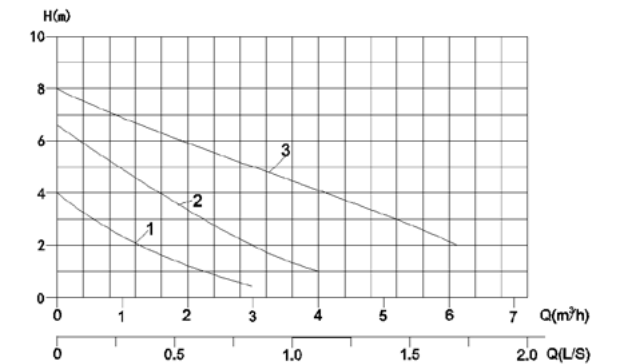
Type STXL 4



Type STXL 6



Type STXL 8





XR PRO

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.



HIGH FLOW

MAIN FEATURES

Max Flow	▷ 10 m ³
Max Head:	▷ 8 m
Liquid Temperature	▷ +2 °C~+95 °C
Maximum Ambient Temperature	▷ +40°C
Maximum System Pressure	▷ 10bar
Protection Level	▷ IP42
Mains Connection	▷ 220V ~240 50Hz or 60 Hz
Insulation Class	▷ E Class(EN 60335-1)(4706.1)

BOX CONTENTS

- 2x Union
- 1x Warranty Certificate
- 1x Power Cable
- 1x User Manual



MODEL

DN25-180MM

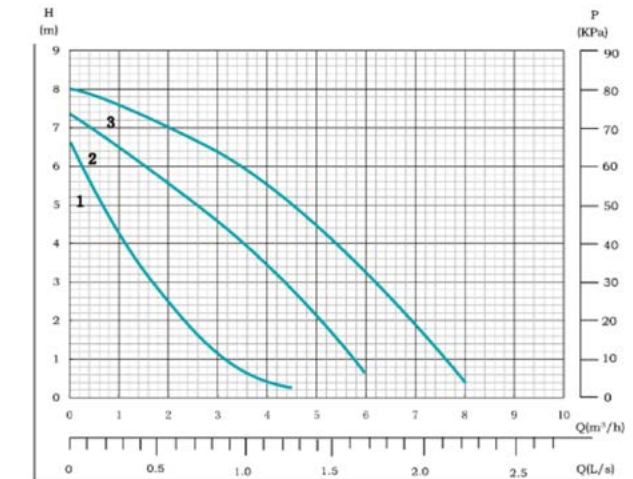


DN32-180MM

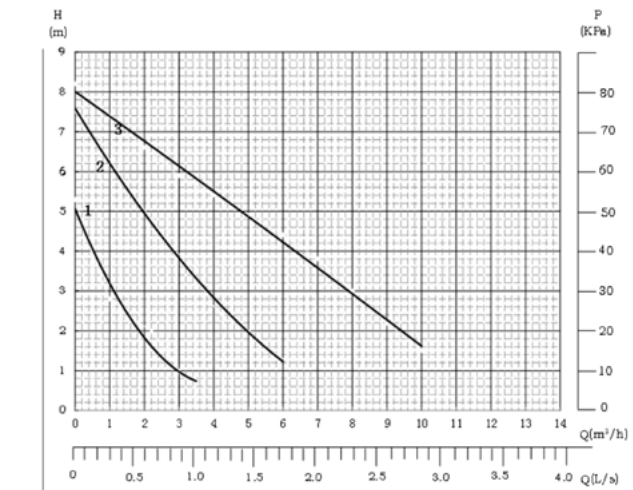


PERFORMANS

Type STXXL 25-8



Type STXXL 32-8



LOVE NATURE FOR FUTURE ■

DUCA®

info@ducapump.com www.ducapump.com

