

*Versatile, really robust and
definitely reliable*



**Submersible
Dewatering Pumps**
DC Series Datasheet

MBH[®]
PUMPS

Waste Water Handling is simple for us

MBH makes Submersible Dewatering pumps operate directly in the liquid being pumped, which means they require neither special housing nor a superstructure to support them, considerably reducing construction costs. They are smaller than non-submersible counterparts as the motor and hydraulics are integrated into one compact unit, resulting in capabilities to pump liquids in complex Places. Operating submerged they take-up less space, noise and cooling problems are virtually eliminated.

With a variety of Dewatering Pumps to choose from, it is easy to find a pump for your needs. The impeller design gives you efficiency and solids handling capability. This helps to ensure smooth operation and delivers savings in terms of maintenance costs and energy consumption.

MBH Pumps dewatering pumps could be found at various projects throughout the world. The most famous ones are the Chennai Metro Rail Complex in (Chennai, India), Hindustan Zinc Mines, (Udaipur, India), Even the Indian Navy uses these pumps to dewater their dry docks. Our DC Series and PST series pumps are perfect solution for domestic, commercial and industrial use, whereas our Contractor Pumps and Ni-hard series slurry pumps can handle the most abrasive slurries from infrastructure to power industries.

Also MBH has introduced its corrosion resistance submersible pumps which are best suited for seawater and acidic applications.



Tough to Beat.

Robust

All components are made from robust materials for easy maintenance and long life.

Powerful

The motor is specifically designed for reliable operation in submersible applications and it can run continuously without overheating.

Durable

Heavy-duty bearings with long life provide peace of mind.

Environmentally friendly

The cooling system is designed to use its surroundings to cool the pump, no use of environmentally hazardous fluids such as oils.

Safe and straightforward

Cable entry prevents both cable strain and leakage.

Consistent

The double mechanical seal provides extra reliability and protects against leakage.

Flexibility

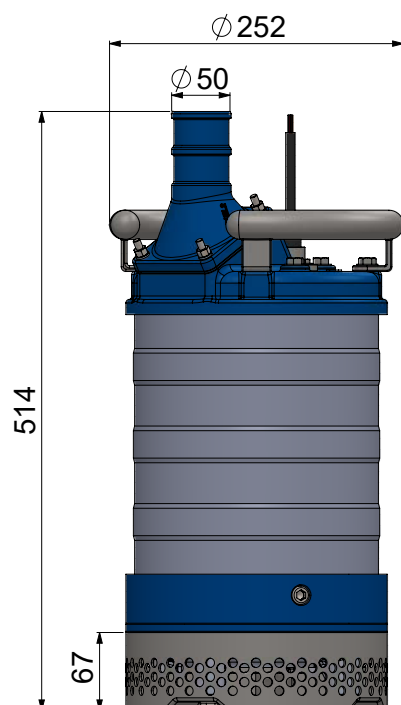
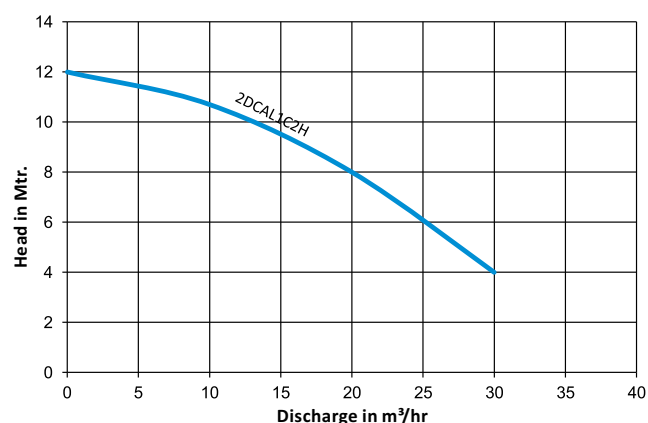
Drilled pump housing, ready for any installation method.



Applications

- Drainage applications at commercial sites like Hotels, Hospitals, Railway stations, Airports, Shopping malls, Garden & parks.
- Industrial drainage applications like sump dewatering, Boiler blowdown, Cable trench dewatering.
- Mine Dewatering in underground and open-cast mines.
- Seawater Dewatering in coastal projects, Industries at sea coasts, Dry docks, Aqua culture.
- Mining source water
- Tunneling face & stage dewatering
- Open pit - underground Mine dewatering

Drain Guard



All Dimension are in mm

Technical Data

Pump Information

Model Number	2DCAL1C2H
Pump Name	Drain Guard
Discharge Connection	2"
Rating	0.75 kW / 1.0 hp

Process Data

Liquid Temperature	40°C (standard)
Depth of Immersion	max 26 m
Solid Passage	10 mm
The pH of the Pumped Liquid	pH 5-8

Motor Data

Voltage / Phase / Frequency	415 / 3 / 50 Hz
Insulation Class	F / H
Degree of Protection	IP 68
Shaft Speed	2780 rpm
Electric Motor	Squirrel Cage Induction Motor
Rated Current at 415V	2.0 Amp
Method of Starting	DOL
Power Cable + Control Cable	1x7x1.5 sq mm

Monitoring Equipment

Motor Protections	Moisture Ingress & Temperature Sensors by PTC
-------------------	---

Mechanical Face Seals

Inner Seal	CR / SS
Outer Seal	TC / TC

Materials

Casted Parts	Aluminium
Diffuser	Aluminium
Motor Shaft	Stainless Steel
Impeller	Hi-chrome
O-rings	Nitrile Rubber
Hardware	Stainless Steel

Weight and Dimensions

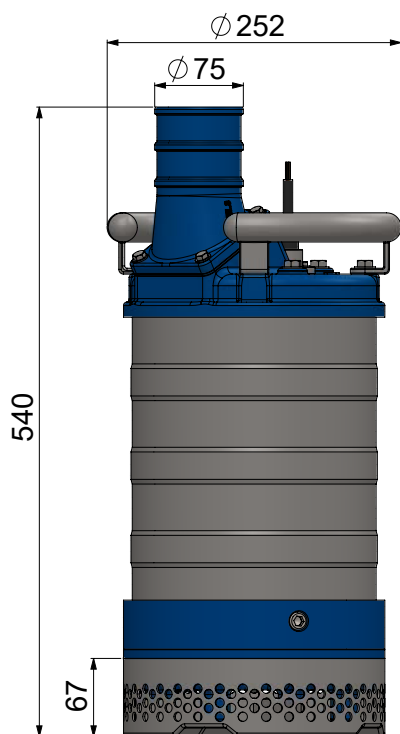
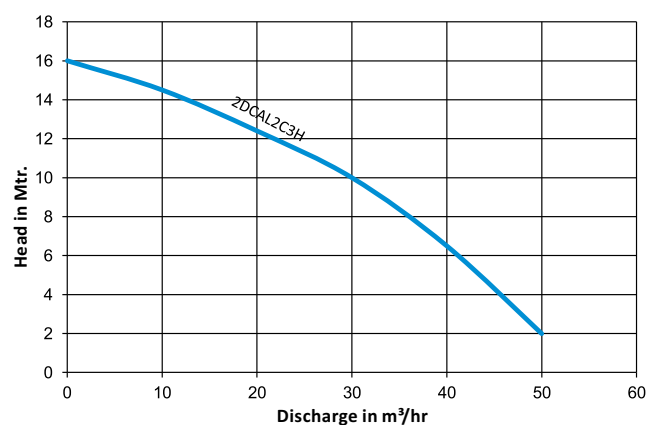
Weight	29 kg
Height	514 mm
Width	ø 252 mm

Options

Optional Accessories	Zinc Anodes
Optional Accessories	NPT Threaded Discharge Elbow
Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz

For further information, see data sheets. Specifications can be changed without notice.

Drain Guard L



All Dimension are in mm

Technical Data

Pump Information

Model Number	2DCAL2C3H
Pump Name	Drain Guard L
Discharge Connection	3"
Rating	1.5 kW / 2.0 hp

Process Data

Liquid Temperature	40°C (standard)
Depth of Immersion	max 26 m
Solid Passage	10 mm
The pH of the Pumped Liquid	pH 5-8

Motor Data

Voltage / Phase / Frequency	415 / 3 / 50 Hz
Insulation Class	F / H
Degree of Protection	IP 68
Shaft Speed	2800 rpm
Electric Motor	Squirrel Cage Induction Motor
Rated Current at 415V	3.7 Amp
Method of Starting	DOL
Power Cable + Control Cable	1x7x1.5 sq mm

Monitoring Equipment

Motor Protections	Moisture Ingress & Temperature Sensors by PTC
-------------------	---

Mechanical Face Seals

Inner Seal	CR / SS
Outer Seal	TC / TC

Materials

Casted Parts	Aluminium
Diffuser	Aluminium
Motor Shaft	Stainless Steel
Impeller	Hi-chrome
O-rings	Nitrile Rubber
Hardware	Stainless Steel

Weight and Dimensions

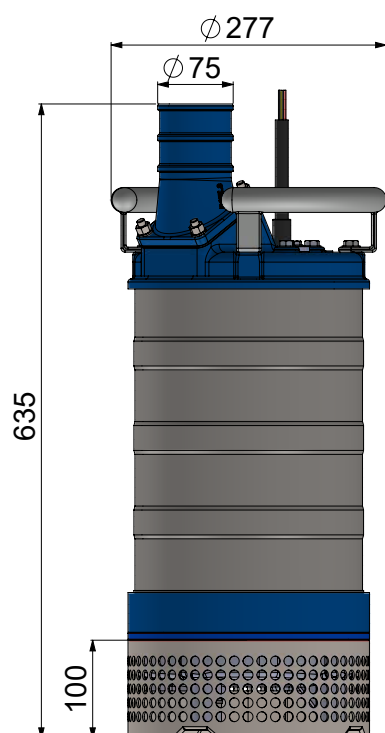
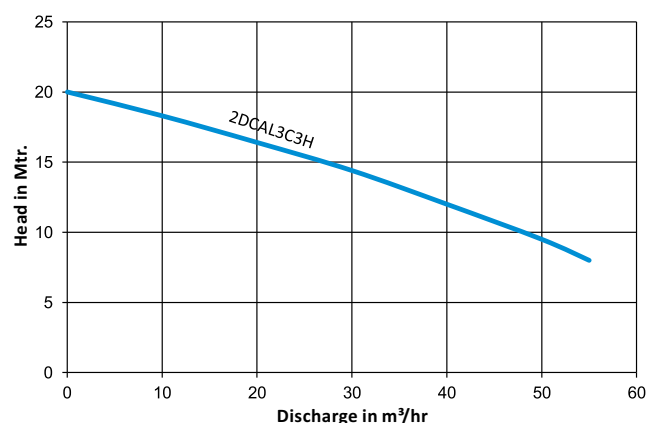
Weight	29 kg
Height	540 mm
Width	ø 252 mm

Options

Optional Accessories	Zinc Anodes
Optional Accessories	NPT Threaded Discharge Elbow
Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz

For further information, see data sheets. Specifications can be changed without notice.

Drain Guard XL



All Dimension are in mm

Technical Data

Pump Information

Model Number	2DCAL3C3H
Pump Name	Drain Guard XL
Discharge Connection	3"
Rating	2.2 kW / 3.0 hp

Process Data

Liquid Temperature	40°C (standard)
Depth of Immersion	max 26 m
Solid Passage	10 mm
The pH of the Pumped Liquid	pH 5-8

Motor Data

Voltage / Phase / Frequency	415 / 3 / 50 Hz
Insulation Class	F / H
Degree of Protection	IP 68
Shaft Speed	2810 rpm
Electric Motor	Squirrel Cage Induction Motor
Rated Current at 415V	5.0 Amp
Method of Starting	DOL
Power Cable + Control Cable	1x7x1.5 sq mm

Monitoring Equipment

Motor Protections	Moisture Ingress & Temperature Sensors by PTC
-------------------	---

Mechanical Face Seals

Inner Seal	CR / SS
Outer Seal	TC / TC

Materials

Casted Parts	Aluminium
Diffuser	Aluminium
Motor Shaft	Stainless Steel
Impeller	Hi-chrome
O-rings	Nitrile Rubber
Hardware	Stainless Steel

Weight and Dimensions

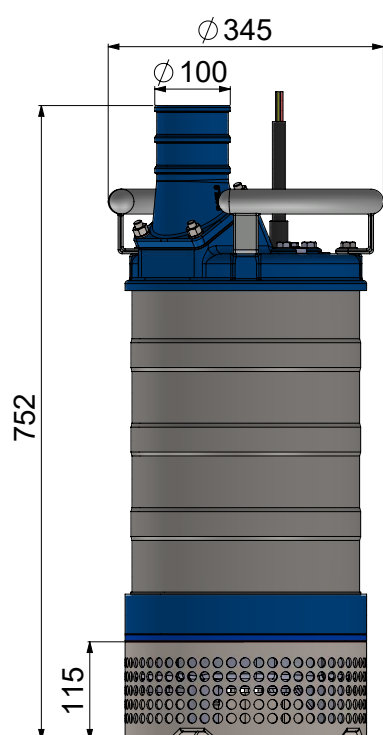
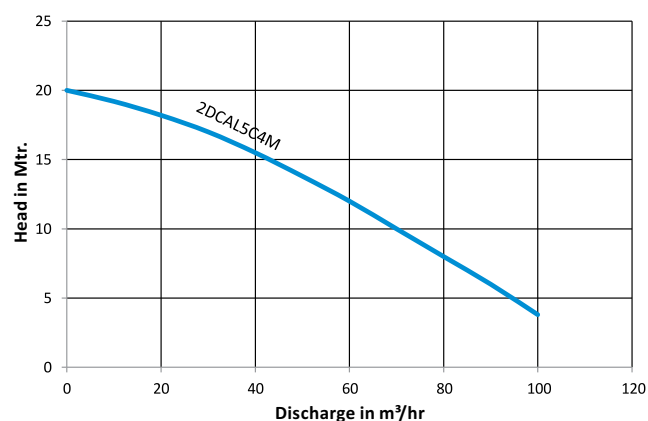
Weight	40 kg
Height	639 mm
Width	$\phi 277$ mm

Options

Optional Accessories	Zinc Anodes
Optional Accessories	NPT Threaded Discharge Elbow
Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz

For further information, see data sheets. Specifications can be changed without notice.

Drain Flow



All Dimension are in mm

Technical Data

Pump Information

Model Number	2DCAL5C4M
Pump Name	Drain Flow
Discharge Connection	4"
Rating	3.7 kW / 5.0 hp

Process Data

Liquid Temperature	40°C (standard)
Depth of Immersion	max 26 m
Solid Passage	10 mm
The pH of the Pumped Liquid	pH 5-8

Motor Data

Voltage / Phase / Frequency	415 / 3 / 50 Hz
Insulation Class	F / H
Degree of Protection	IP 68
Shaft Speed	2820 rpm
Electric Motor	Squirrel Cage Induction Motor
Rated Current at 415V	8.0 Amp
Method of Starting	DOL
Power Cable + Control Cable	1x7x1.5 sq mm

Monitoring Equipment

Motor Protections	Moisture Ingress & Temperature Sensors by PTC
-------------------	---

Mechanical Face Seals

Inner Seal	CR / SS
Outer Seal	TC / TC

Materials

Casted Parts	Aluminium
Diffuser	Aluminium
Motor Shaft	Stainless Steel
Impeller	Hi-chrome
O-rings	Nitrile Rubber
Hardware	Stainless Steel

Weight and Dimensions

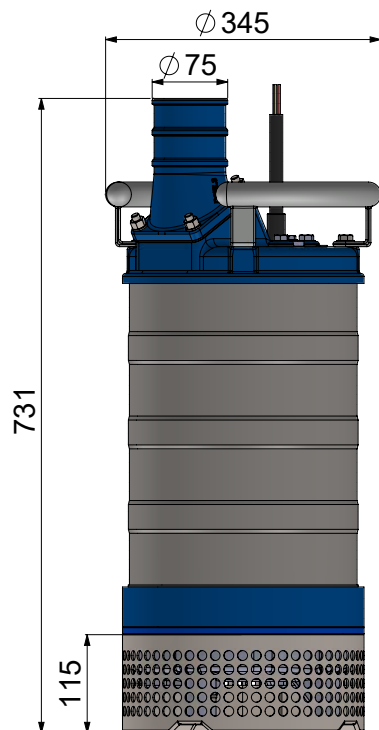
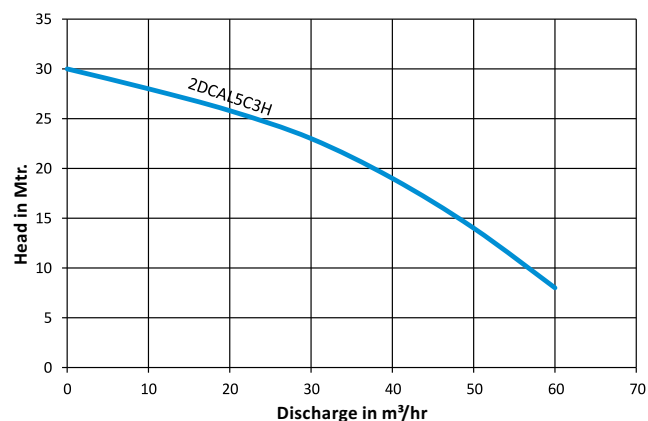
Weight	56 kg
Height	752 mm
Width	$\phi 345$ mm

Options

Optional Accessories	Zinc Anodes
Optional Accessories	NPT Threaded Discharge Elbow
Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz

For further information, see data sheets. Specifications can be changed without notice.

Drain Flow H



All Dimension are in mm

Technical Data

Pump Information

Model Number	2DCAL5C3H
Pump Name	Drain Flow H
Discharge Connection	3"
Rating	3.7 kW / 5.0 hp

Process Data

Liquid Temperature	40°C (standard)
Depth of Immersion	max 26 m
Solid Passage	10 mm
The pH of the Pumped Liquid	pH 5-8

Motor Data

Voltage / Phase / Frequency	415 / 3 / 50 Hz
Insulation Class	F / H
Degree of Protection	IP 68
Shaft Speed	2820 rpm
Electric Motor	Squirrel Cage Induction Motor
Rated Current at 415V	8.0 Amp
Method of Starting	DOL
Power Cable + Control Cable	1x7x1.5 sq mm

Monitoring Equipment

Motor Protections	Moisture Ingress & Temperature Sensors by PTC
-------------------	---

Mechanical Face Seals

Inner Seal	CR / SS
Outer Seal	TC / TC

Materials

Casted Parts	Aluminium
Diffuser	Aluminium
Motor Shaft	Stainless Steel
Impeller	Hi-chrome
O-rings	Nitrile Rubber
Hardware	Stainless Steel

Weight and Dimensions

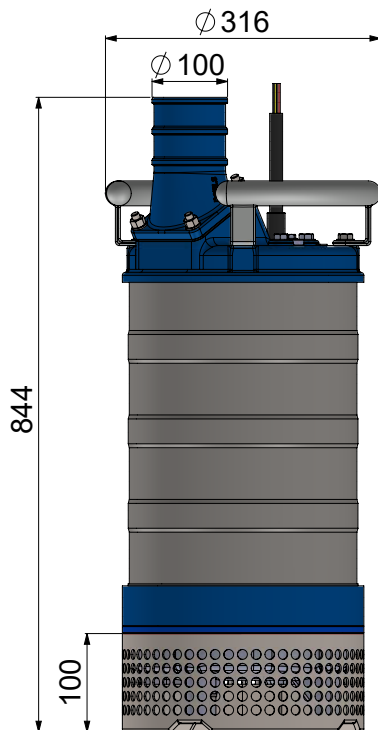
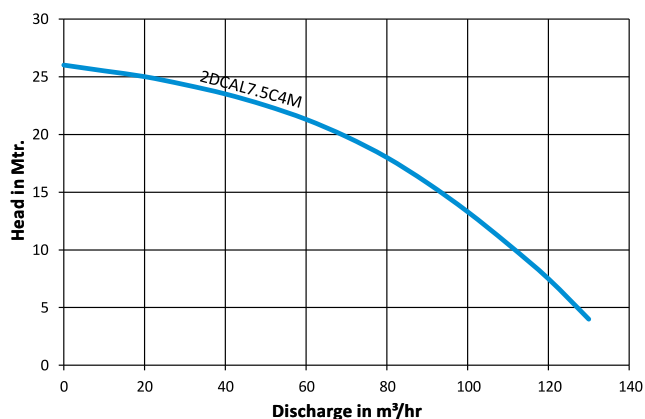
Weight	56 kg
Height	731 mm
Width	$\phi 345$ mm

Options

Optional Accessories	Zinc Anodes
Optional Accessories	NPT Threaded Discharge Elbow
Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz

For further information, see data sheets. Specifications can be changed without notice.

Drain Expert



All Dimension are in mm

Technical Data

Pump Information

Model Number	2DCAL7.5C4M
Pump Name	Drain Expert
Discharge Connection	4"
Rating	5.5 kW / 7.5 hp

Process Data

Liquid Temperature	40°C (standard)
Depth of Immersion	max 26 m
Solid Passage	10 mm
The pH of the Pumped Liquid	pH 5-8

Motor Data

Voltage / Phase / Frequency	415 / 3 / 50 Hz
Insulation Class	F / H
Degree of Protection	IP 68
Shaft Speed	2830 rpm
Electric Motor	Squirrel Cage Induction Motor
Rated Current at 415V	11.0 Amp
Method of Starting	DOL
Power Cable + Control Cable	1x7x2.5 sq mm

Monitoring Equipment

Motor Protections	Moisture Ingress & Temperature Sensors by PTC
-------------------	---

Mechanical Face Seals

Inner Seal	CR / SS
Outer Seal	TC / TC

Materials

Casted Parts	Aluminium
Diffuser	Aluminium
Motor Shaft	Stainless Steel
Impeller	Hi-chrome
O-rings	Nitrile Rubber
Hardware	Stainless Steel

Weight and Dimensions

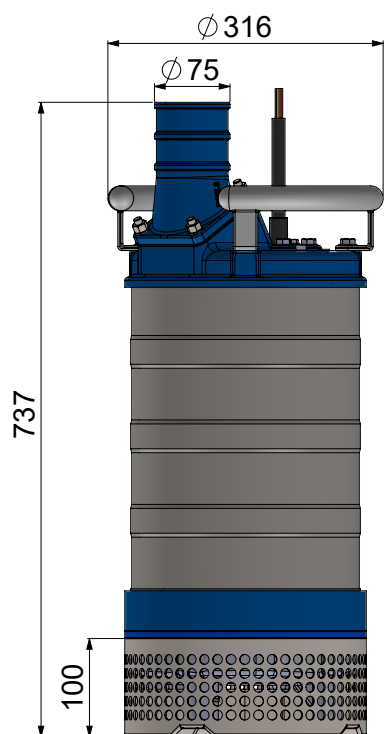
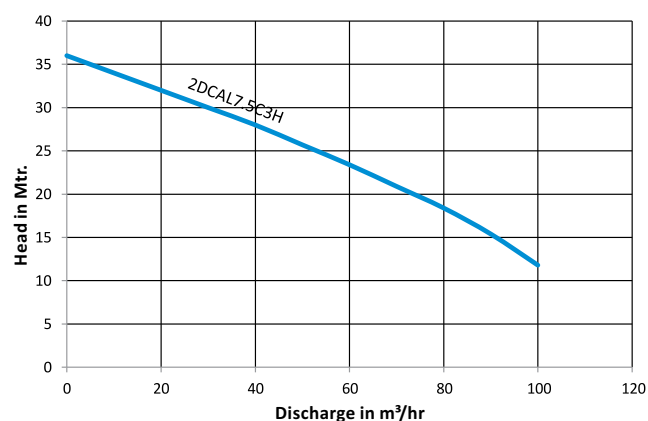
Weight	70 kg
Height	844 mm
Width	ø 316 mm

Options

Optional Accessories	Zinc Anodes
Optional Accessories	NPT Threaded Discharge Elbow
Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz

For further information, see data sheets. Specifications can be changed without notice.

Drain Expert H



All Dimension are in mm

Technical Data

Pump Information

Model Number	2DCAL7.5C3H
Pump Name	Drain Expert H
Discharge Connection	3"
Rating	5.5 kW / 7.5 hp

Process Data

Liquid Temperature	40°C (standard)
Depth of Immersion	max 26 m
Solid Passage	10 mm
The pH of the Pumped Liquid	pH 5-8

Motor Data

Voltage / Phase / Frequency	415 / 3 / 50 Hz
Insulation Class	F / H
Degree of Protection	IP 68
Shaft Speed	2830 rpm
Electric Motor	Squirrel Cage Induction Motor
Rated Current at 415V	11.0 Amp
Method of Starting	DOL
Power Cable + Control Cable	1x7x2.5 Sq mm

Monitoring Equipment

Motor Protections	Moisture Ingress & Temperature Sensors by PT100
-------------------	---

Mechanical Face Seals

Inner Seal	CR/SS
Outer Seal	TC / TC

Materials

Casted Parts	Aluminium
Diffuser	Aluminium
Motor Shaft	Stainless Steel
Impeller	Hi-chrome
O-rings	Nitrile rubber
Hardware	Stainless Steel

Weight and Dimensions

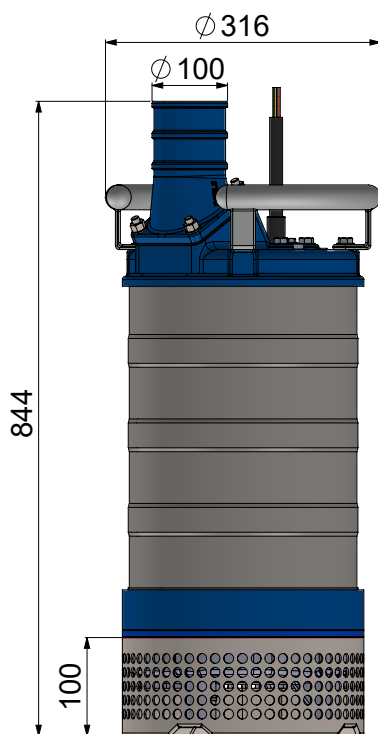
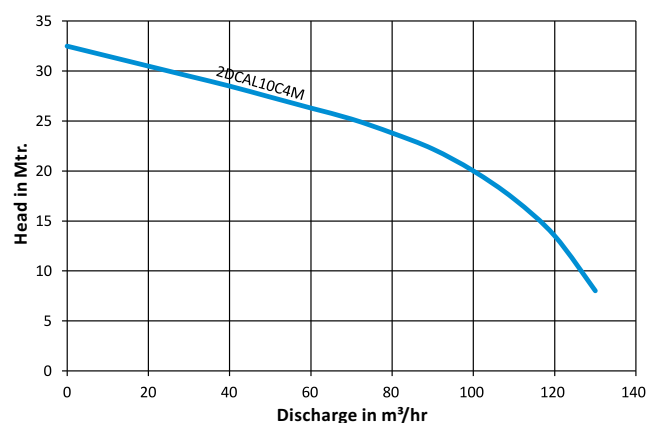
Weight	70 kg
Height	737 mm
Width	ø 316 mm

Options

Optional Accessories	Zinc Anodes
Optional Accessories	NPT Threaded Discharge Elbow
Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz

For further information, see data sheets. Specifications can be changed without notice.

Drain Expert XL



All Dimension are in mm

Technical Data

Pump Information

Model Number	2DCAL10C4M
Pump Name	Drain Expert XL
Discharge Connection	4"
Rating	7.5 kW / 10.0 hp

Process Data

Liquid Temperature	40°C (standard)
Depth of Immersion	max 26 m
Solid Passage	10 mm
The pH of the Pumped Liquid	pH 5-8

Motor Data

Voltage / Phase / Frequency	415 / 3 / 50 Hz
Insulation Class	F / H
Degree of Protection	IP 68
Shaft Speed	2840 rpm
Electric Motor	Squirrel Cage Induction Motor
Rated Current at 415V	15.0 Amp
Method of Starting	DOL
Power Cable + Control Cable	1x7x2.5 sq mm

Monitoring Equipment

Motor Protections	Moisture Ingress & Temperature Sensors by PTC
-------------------	---

Mechanical Face Seals

Inner Seal	CR / SS
Outer Seal	TC / TC

Materials

Casted Parts	Aluminium
Diffuser	Aluminium
Motor Shaft	Stainless Steel
Impeller	Hi-chrome
O-rings	Nitrile Rubber
Hardware	Stainless Steel

Weight and Dimensions

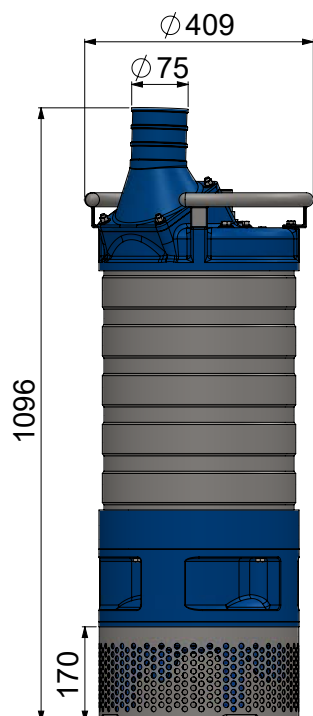
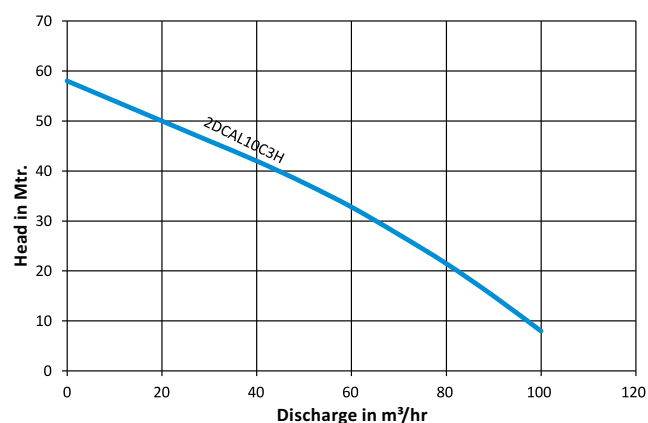
Weight	80 kg
Height	844 mm
Width	ø 316 mm

Options

Optional Accessories	Zinc Anodes
Optional Accessories	NPT Threaded Discharge Elbow
Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz

For further information, see data sheets. Specifications can be changed without notice.

Drain Expert XH



All Dimension are in mm

Technical Data

Pump Information

Model Number	2DCAL10C3H
Pump Name	Drain Expert XH
Discharge Connection	3"
Rating	7.5 kW / 10.0 hp

Process Data

Liquid Temperature	40°C (standard)
Depth of Immersion	max 26 m
Solid Passage	10 mm
The pH of the Pumped Liquid	pH 5-8

Motor Data

Voltage / Phase / Frequency	415 / 3 / 50 Hz
Insulation Class	F / H
Degree of Protection	IP 68
Shaft Speed	2840 rpm
Electric Motor	Squirrel Cage Induction Motor
Rated Current at 415V	15.0 Amp
Method of Starting	DOL
Power Cable + Control Cable	1x7x2.5 sq mm

Monitoring Equipment

Motor Protections	Moisture Ingress & Temperature Sensors by PTC
-------------------	---

Mechanical Face Seals

Inner Seal	CR / SS
Outer Seal	TC / TC

Materials

Casted Parts	Aluminium
Diffuser	Aluminium
Motor Shaft	Stainless Steel
Impeller	Hi-chrome
O-rings	Nitrile Rubber
Hardware	Stainless Steel

Weight and Dimensions

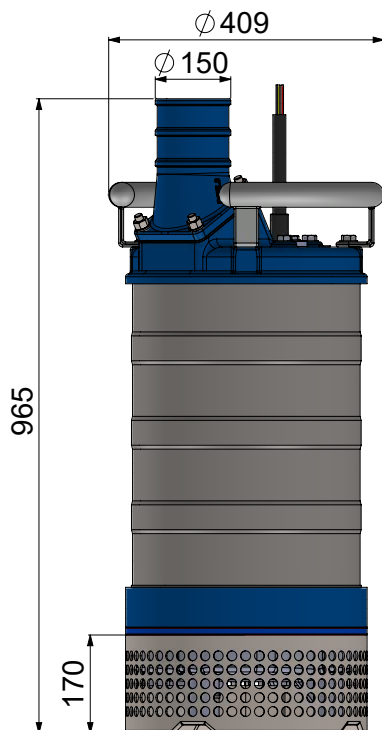
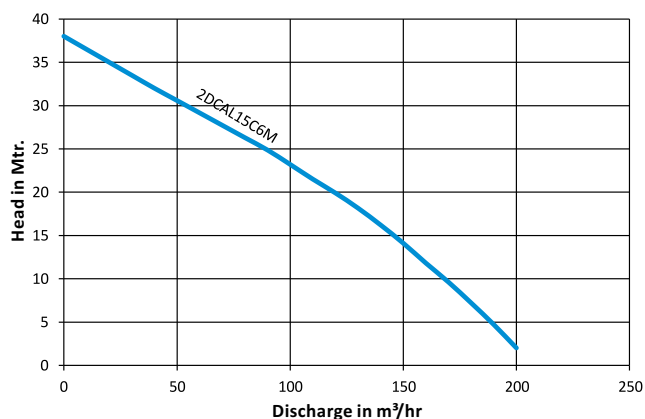
Weight	85 kg
Height	1096 mm
Width	ø 409 mm

Options

Optional Accessories	Zinc Anodes
Optional Accessories	NPT Threaded Discharge Elbow
Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz

For further information, see data sheets. Specifications can be changed without notice.

Drain Pro XL



All Dimension are in mm

Technical Data

Pump Information

Model Number	2DCAL15C6M
Pump Name	Drain Pro XL
Discharge Connection	6"
Rating	11.0 kW / 15.0 hp

Process Data

Liquid Temperature	40°C (standard)
Depth of Immersion	max 26 m
Solid Passage	10 mm
The pH of the Pumped Liquid	pH 5-8

Motor Data

Voltage / Phase / Frequency	415 / 3 / 50 Hz
Insulation Class	F / H
Degree of Protection	IP 68
Shaft Speed	2860 rpm
Electric Motor	Squirrel Cage Induction Motor
Rated Current at 415V	21.5 Amp
Method of Starting	DOL
Power Cable + Control Cable	1x7x4 sq mm

Monitoring Equipment

Motor Protections	Moisture Ingress & Temperature Sensors by PTC
-------------------	---

Mechanical Face Seals

Inner Seal	CR / SS
Outer Seal	TC / TC

Materials

Casted Parts	Aluminium
Diffuser	Aluminium
Motor Shaft	Stainless Steel
Impeller	Hi-chrome
O-rings	Nitrile Rubber
Hardware	Stainless Steel

Weight and Dimensions

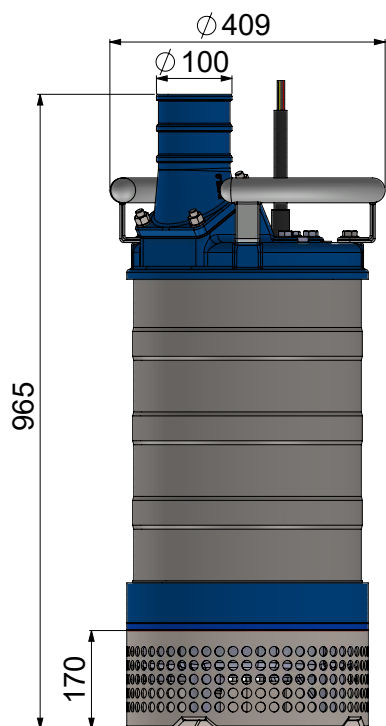
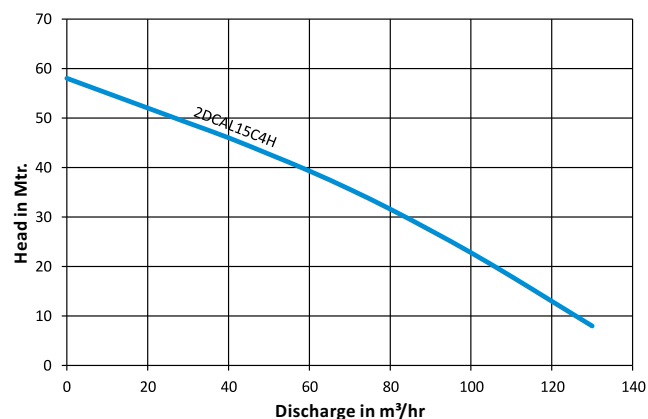
Weight	108 kg
Height	965 mm
Width	ø 409 mm

Options

Optional Accessories	Zinc Anodes
Optional Accessories	NPT Threaded Discharge Elbow
Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz

For further information, see data sheets. Specifications can be changed without notice.

Drain Pro H



All Dimension are in mm

Technical Data

Pump Information

Model Number	2DCAL15C4H
Pump Name	Drain Pro H
Discharge Connection	4"
Rating	11.0 kW / 15.0 hp

Process Data

Liquid Temperature	40°C (standard)
Depth of Immersion	max 26 m
Solid Passage	10 mm
The pH of the Pumped Liquid	pH 5-8

Motor Data

Voltage / Phase / Frequency	415 / 3 / 50 Hz
Insulation Class	F / H
Degree of Protection	IP 68
Shaft Speed	2860 rpm
Electric Motor	Squirrel Cage Induction Motor
Rated Current at 415V	21.5 Amp
Method of Starting	DOL
Power Cable + Control Cable	1x7x4 sq mm

Monitoring Equipment

Motor Protections	Moisture Ingress & Temperature Sensors by PTC
-------------------	---

Mechanical Face Seals

Inner Seal	CR / SS
Outer Seal	TC / TC

Materials

Casted Parts	Aluminium
Diffuser	Aluminium
Motor Shaft	Stainless Steel
Impeller	Hi-chrome
O-rings	Nitrile Rubber
Hardware	Stainless Steel

Weight and Dimensions

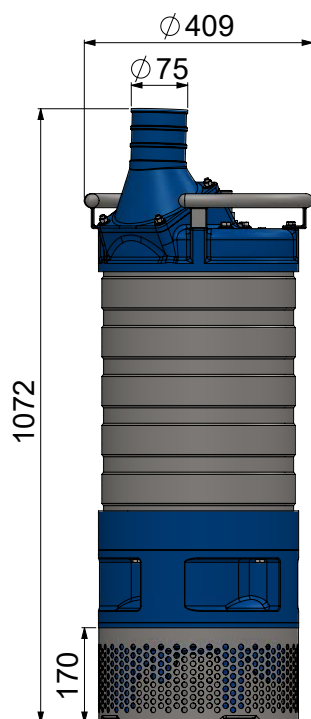
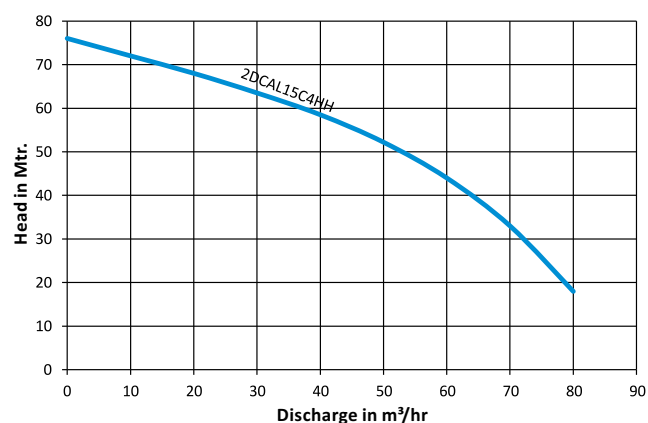
Weight	108 kg
Height	965 mm
Width	ø 409 mm

Options

Optional Accessories	Zinc Anodes
Optional Accessories	NPT Threaded Discharge Elbow
Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz

For further information, see data sheets. Specifications can be changed without notice.

Drain Pro XH



All Dimension are in mm

Technical Data

Pump Information

Model Number	2DCAL15C3HH
Pump Name	Drain Pro XH
Discharge Connection	3"
Rating	11.0 kW / 15.0 hp

Process Data

Liquid Temperature	40°C (standard)
Depth of Immersion	max 26 m
Solid Passage	10 mm
The pH of the Pumped Liquid	pH 5-8

Motor Data

Voltage / Phase / Frequency	415 / 3 / 50 Hz
Insulation Class	F / H
Degree of Protection	IP 68
Shaft Speed	2860 rpm
Electric Motor	Squirrel Cage Induction Motor
Rated Current at 415V	21.5 Amp
Method of Starting	DOL
Power Cable + Control Cable	1x7x4 sq mm

Monitoring Equipment

Motor Protections	Moisture Ingress & Temperature Sensors by PTC
-------------------	---

Mechanical Face Seals

Inner Seal	CR / SS
Outer Seal	TC / TC

Materials

Casted Parts	Aluminium
Diffuser	Aluminium
Motor Shaft	Stainless Steel
Impeller	Hi-chrome
O-rings	Nitrile Rubber
Hardware	Stainless Steel

Weight and Dimensions

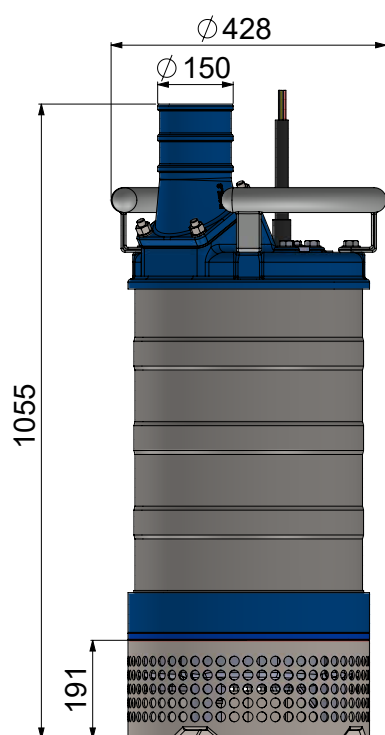
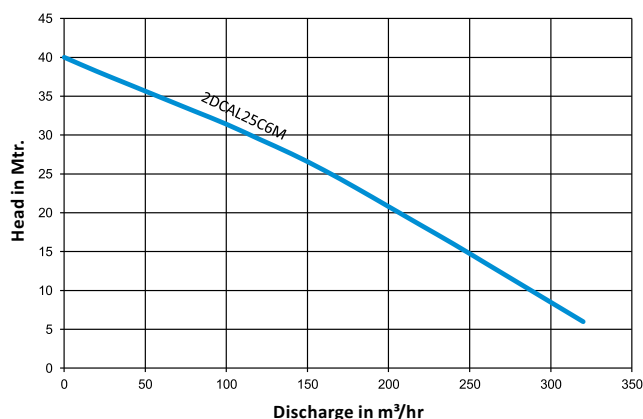
Weight	112 kg
Height	1072 mm
Width	ø 409 mm

Options

Optional Accessories	Zinc Anodes
Optional Accessories	NPT Threaded Discharge Elbow
Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz

For further information, see data sheets. Specifications can be changed without notice.

Drain Pro Ultimate



All Dimension are in mm

Technical Data

Pump Information

Model Number	2DCAL25C6M
Pump Name	Drain Pro Ultimate
Discharge Connection	6"
Rating	18.5 kW / 25.0 hp

Process Data

Liquid Temperature	40°C (standard)
Depth of Immersion	max 26 m
Solid Passage	10 mm
The pH of the Pumped Liquid	pH 5-8

Motor Data

Voltage / Phase / Frequency	415 / 3 / 50 Hz
Insulation Class	F / H
Degree of Protection	IP 68
Shaft Speed	2880 rpm
Electric Motor	Squirrel Cage Induction Motor
Rated Current at 415V	35.0 Amp
Method of Starting	DOL
Power Cable + Control Cable	1x7x10 sq mm

Monitoring Equipment

Motor Protections	Moisture Ingress & Temperature Sensors by PTC
-------------------	---

Mechanical Face Seals

Inner Seal	CR / SS
Outer Seal	TC / TC

Materials

Casted Parts	Aluminium
Diffuser	Aluminium
Motor Shaft	Stainless Steel
Impeller	Hi-chrome
O-rings	Nitrile Rubber
Hardware	Stainless Steel

Weight and Dimensions

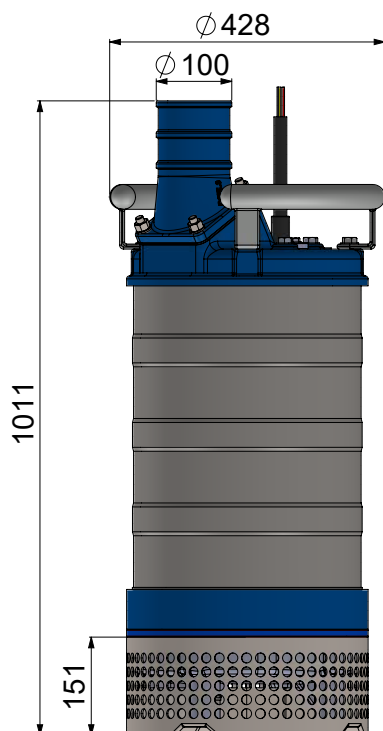
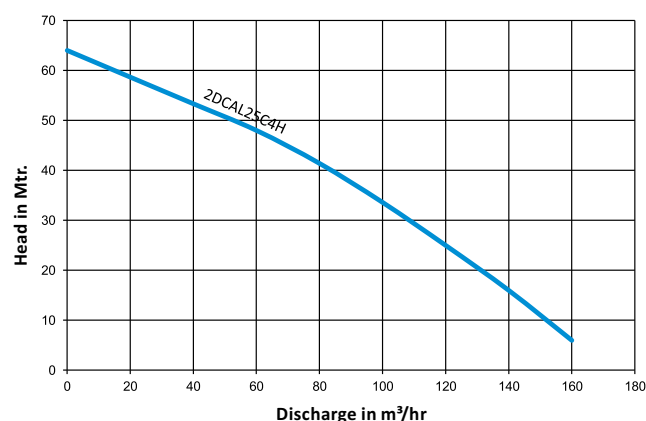
Weight	180 kg
Height	1055 mm
Width	ø 428 mm

Options

Optional Accessories	Zinc Anodes
Optional Accessories	NPT Threaded Discharge Elbow
Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz

For further information, see data sheets. Specifications can be changed without notice.

Drain Pro Ultimate H



All Dimension are in mm

Technical Data

Pump Information

Model Number	2DCAL25C4H
Pump Name	Drain Pro Ultimate H
Discharge Connection	4"
Rating	18.5 kW / 25.0 hp

Process Data

Liquid Temperature	40°C (standard)
Depth of Immersion	max 26 m
Solid Passage	10 mm
The pH of the Pumped Liquid	pH 5-8

Motor Data

Voltage / Phase / Frequency	415 / 3 / 50 Hz
Insulation Class	F / H
Degree of Protection	IP 68
Shaft Speed	2880 rpm
Electric Motor	Squirrel Cage Induction Motor
Rated Current at 415V	35.0 Amp
Method of Starting	DOL
Power Cable + Control Cable	1x7x10 sq mm

Monitoring Equipment

Motor Protections	Moisture Ingress & Temperature Sensors by PTC
-------------------	---

Mechanical Face Seals

Inner Seal	CR / SS
Outer Seal	TC / TC

Materials

Casted Parts	Aluminium
Diffuser	Aluminium
Motor Shaft	Stainless Steel
Impeller	Hi-chrome
O-rings	Nitrile Rubber
Hardware	Stainless Steel

Weight and Dimensions

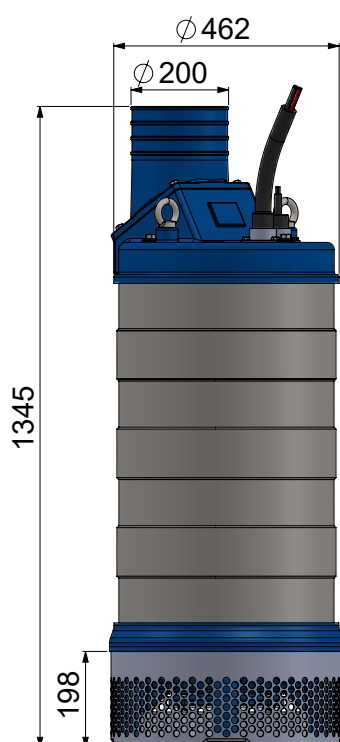
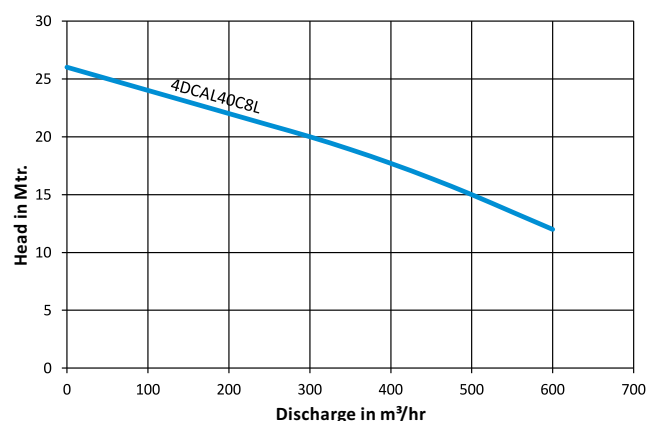
Weight	180 kg
Height	1011 mm
Width	ø 428 mm

Options

Optional Accessories	Zinc Anodes
Optional Accessories	NPT Threaded Discharge Elbow
Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz

For further information, see data sheets. Specifications can be changed without notice.

Drain Master



All Dimension are in mm

Technical Data

Pump Information

Model Number	4DCAL40C8L
Pump Name	Drain Master
Discharge Connection	8"
Rating	30.0 kW / 40.0 hp

Process Data

Liquid Temperature	40°C (standard)
Depth of Immersion	max 26 m
Solid Passage	10 mm
The pH of the Pumped Liquid	pH 5-8

Motor Data

Voltage / Phase / Frequency	415 / 3 / 50 Hz
Insulation Class	F / H
Degree of Protection	IP 68
Shaft Speed	1450 rpm
Electric Motor	Squirrel Cage Induction Motor
Rated Current at 415V	57.0 Amp
Method of Starting	ATS
Power Cable + Control Cable	1x4x25 sq mm + 1x4x1.5 sq mm

Monitoring Equipment

Motor Protections	Moisture Ingress & Temperature Sensors by PTC
-------------------	---

Mechanical Face Seals

Inner Seal	CR / SS
Outer Seal	TC / TC

Materials

Casted Parts	Aluminium
Diffuser	Aluminium
Motor Shaft	Stainless Steel
Impeller	Hi-chrome
O-rings	Nitrile Rubber
Hardware	Stainless Steel

Weight and Dimensions

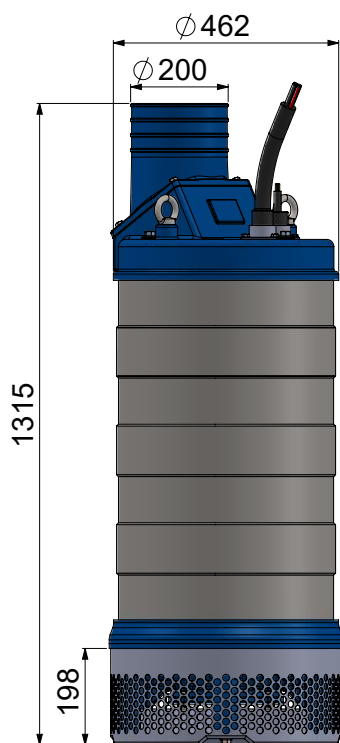
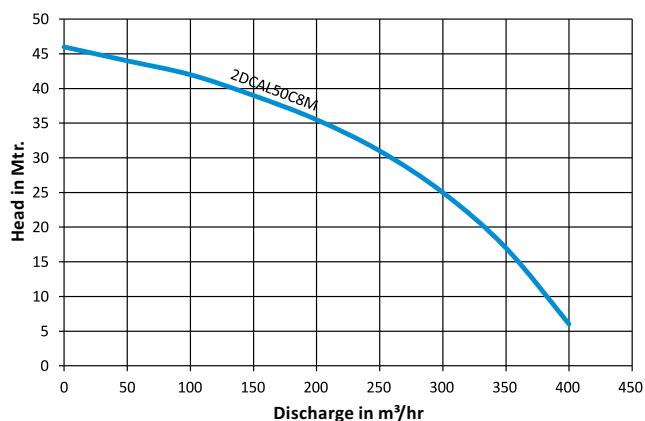
Weight	385 kg
Height	1345 mm
Width	$\phi 462$ mm

Options

Optional Accessories	Zinc Anodes
Optional Accessories	NPT Threaded Discharge Elbow
Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz

For further information, see data sheets. Specifications can be changed without notice.

Drain Master XL



All Dimension are in mm

Technical Data

Pump Information

Model Number	2DCAL50C8M
Pump Name	Drain Master XL
Discharge Connection	8"
Rating	37.0 kW / 50.0 hp

Process Data

Liquid Temperature	40°C (standard)
Depth of Immersion	max 26 m
Solid Passage	10 mm
The pH of the Pumped Liquid	pH 5-8

Motor Data

Voltage / Phase / Frequency	415 / 3 / 50 Hz
Insulation Class	F / H
Degree of Protection	IP 68
Shaft Speed	2900 rpm
Electric Motor	Squirrel Cage Induction Motor
Rated Current at 415V	67.0 Amp
Method of Starting	ATS
Power Cable + Control Cable	1x4x25 sq mm + 1x4x1.5 sq mm

Monitoring Equipment

Motor Protections	Moisture Ingress & Temperature Sensors by PTC
-------------------	---

Mechanical Face Seals

Inner Seal	CR / SS
Outer Seal	TC / TC

Materials

Casted Parts	Aluminium
Diffuser	Aluminium
Motor Shaft	Stainless Steel
Impeller	Hi-chrome
O-rings	Nitrile Rubber
Hardware	Stainless Steel

Weight and Dimensions

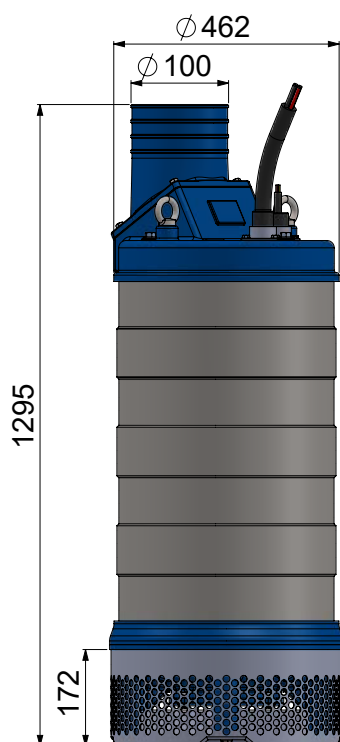
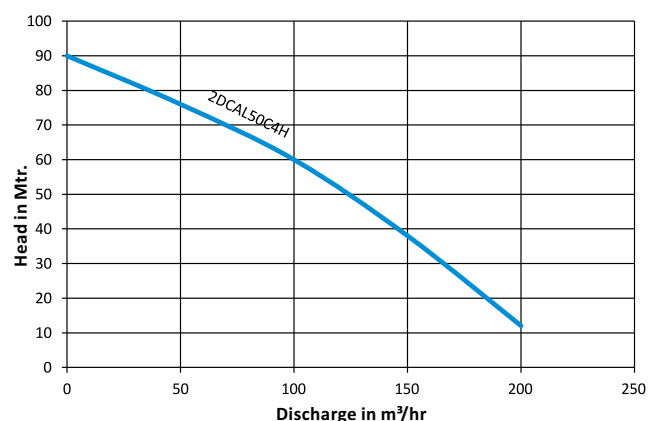
Weight	385 kg
Height	1315 mm
Width	ø 462 mm

Options

Optional Accessories	Zinc Anodes
Optional Accessories	NPT Threaded Discharge Elbow
Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz

For further information, see data sheets. Specifications can be changed without notice.

Drain Master H



All Dimension are in mm

Technical Data

Pump Information

Model Number	2DCAL50C4H
Pump Name	Drain Master H
Discharge Connection	4"
Rating	37.0 kW / 50.0 hp

Process Data

Liquid Temperature	40°C (standard)
Depth of Immersion	max 26 m
Solid Passage	10 mm
The pH of the Pumped Liquid	pH 5-8

Motor Data

Voltage / Phase / Frequency	415 / 3 / 50 Hz
Insulation Class	F / H
Degree of Protection	IP 68
Shaft Speed	2900 rpm
Electric Motor	Squirrel Cage Induction Motor
Rated Current at 415V	67.0 Amp
Method of Starting	ATS
Power Cable + Control Cable	1x4x25 sq mm + 1x4x1.5 sq mm

Monitoring Equipment

Motor Protections	Moisture Ingress & Temperature Sensors by PTC
-------------------	---

Mechanical Face Seals

Inner Seal	CR / SS
Outer Seal	TC / TC

Materials

Casted Parts	Aluminium
Diffuser	Aluminium
Motor Shaft	Stainless Steel
Impeller	Hi-chrome
O-rings	Nitrile Rubber
Hardware	Stainless Steel

Weight and Dimensions

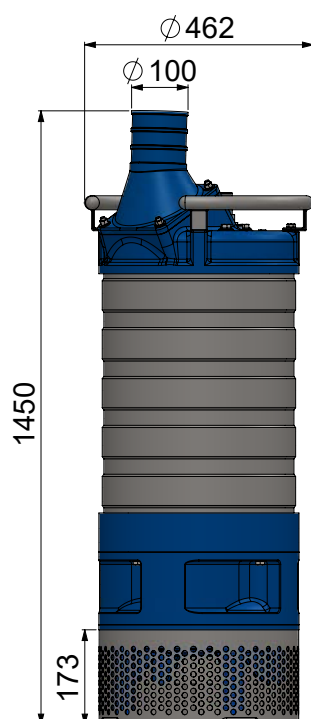
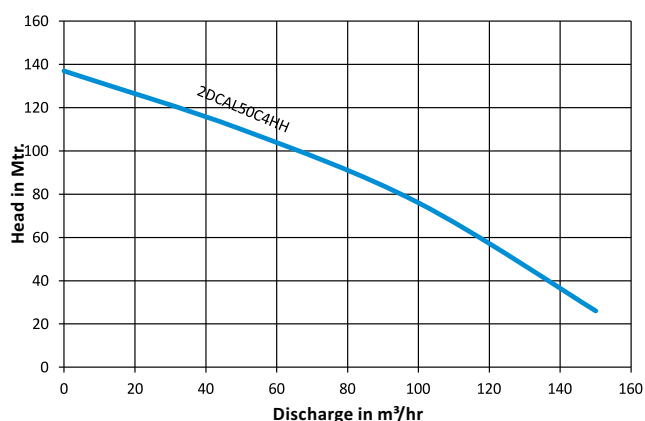
Weight	385 kg
Height	1295 mm
Width	ø 462 mm

Options

Optional Accessories	Zinc Anodes
Optional Accessories	NPT Threaded Discharge Elbow
Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz

For further information, see data sheets. Specifications can be changed without notice.

Drain Master XH



All Dimension are in mm

Technical Data

Pump Information

Model Number	2DCAL50C4HH
Pump Name	Drain Master XH
Discharge Connection	4"
Rating	37.0 kW / 50.0 hp

Process Data

Liquid Temperature	40°C (standard)
Depth of Immersion	max 26 m
Solid Passage	10 mm
The pH of the Pumped Liquid	pH 5-8

Motor Data

Voltage / Phase / Frequency	415 / 3 / 50 Hz
Insulation Class	F / H
Degree of Protection	IP 68
Shaft Speed	2900 rpm
Electric Motor	Squirrel Cage Induction Motor
Rated Current at 415V	67.0 Amp
Method of Starting	ATS
Power Cable + Control Cable	1x4x25 sq mm + 1x4x1.5 sq mm

Monitoring Equipment

Motor Protections	Moisture Ingress & Temperature Sensors by PTC
-------------------	---

Mechanical Face Seals

Inner Seal	CR / SS
Outer Seal	TC / TC

Materials

Casted Parts	Aluminium
Diffuser	Aluminium
Motor Shaft	Stainless Steel
Impeller	Hi-chrome
O-rings	Nitrile Rubber
Hardware	Stainless Steel

Weight and Dimensions

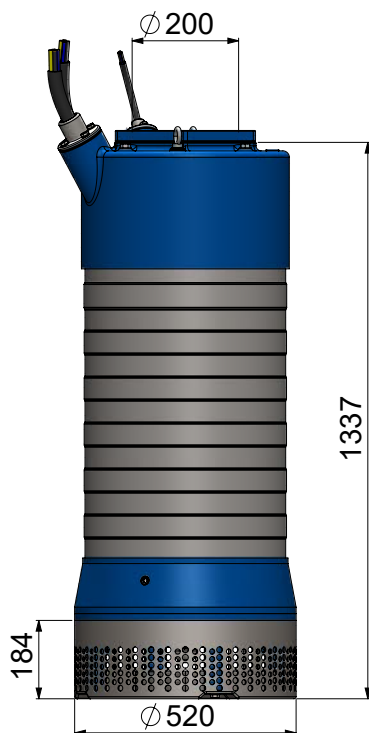
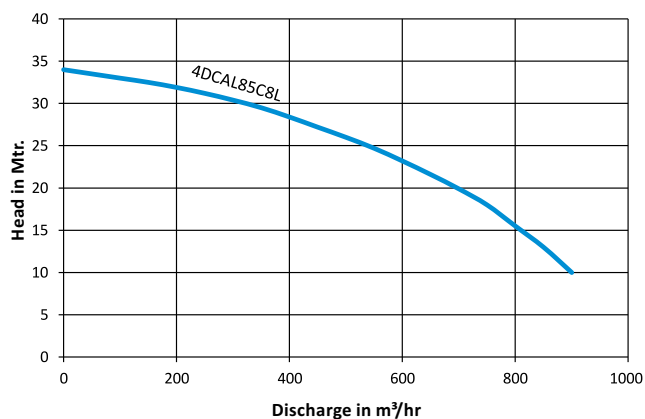
Weight	395 kg
Height	1450 mm
Width	ø 409 mm

Options

Optional Accessories	Zinc Anodes
Optional Accessories	NPT Threaded Discharge Elbow
Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz

For further information, see data sheets. Specifications can be changed without notice.

Drainmaster Ultra L



All Dimension are in mm

Technical Data

Pump Information

Model Number	4DCAL85C8L
Pump Name	Drainmaster Ultra L
Discharge Connection	8"
Rating	63.0 kW / 85.0 hp

Process Data

Liquid Temperature	40°C (standard)
Depth of Immersion	max 26 m
Solid Passage	10 mm
The pH of the Pumped Liquid	pH 5-8

Motor Data

Voltage / Phase / Frequency	415 / 3 / 50 Hz
Insulation Class	F / H
Degree of Protection	IP 68
Shaft Speed	1450 rpm
Electric Motor	Squirrel Cage Induction Motor
Rated Current at 415V	119.0 Amp
Method of Starting	ATS
Power Cable + Control Cable	2x4x25 sq mm + 1x4x1.5 sq mm

Monitoring Equipment

Motor Protections	Moisture Ingress & Temperature Sensors by PTC
-------------------	---

Mechanical Face Seals

Inner Seal	CR / SS
Outer Seal	TC / TC

Materials

Casted Parts	Aluminium
Diffuser	Aluminium
Motor Shaft	Stainless Steel
Impeller	Hi-chrome
O-rings	Nitrile Rubber
Hardware	Stainless Steel

Weight and Dimensions

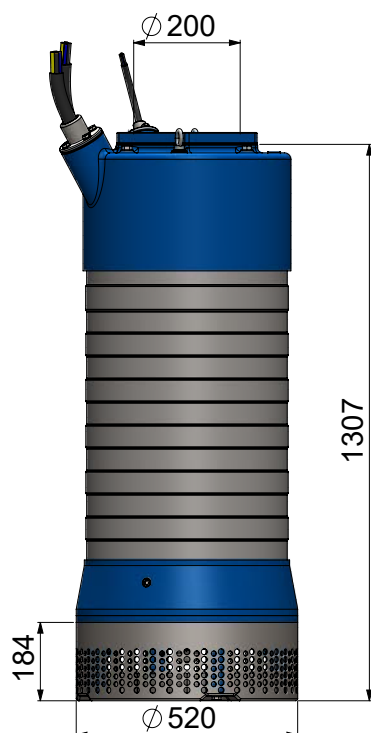
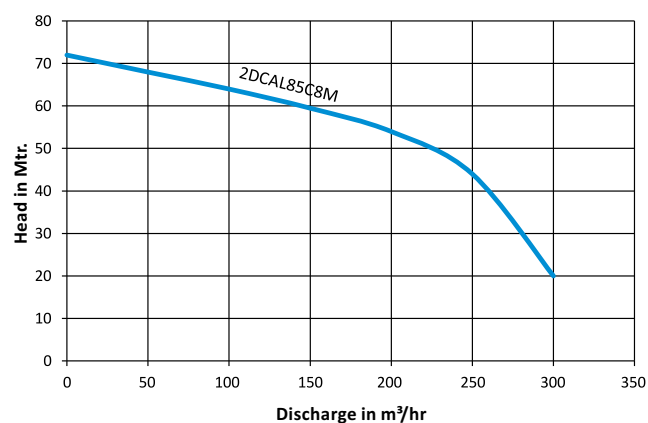
Weight	522 kg
Height	1337 mm
Width	ø 520 mm

Options

Optional Accessories	Zinc Anodes
Optional Accessories	NPT Threaded Discharge Elbow
Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz

For further information, see data sheets. Specifications can be changed without notice.

Drainmaster Ultra M



All Dimension are in mm

Technical Data

Pump Information

Model Number	2DCAL85C8M
Pump Name	Drainmaster Ultra M
Discharge Connection	8"
Rating	63.0 kW / 85.0 hp

Process Data

Liquid Temperature	40°C (standard)
Depth of Immersion	max 26 m
Solid Passage	10 mm
The pH of the Pumped Liquid	pH 5-8

Motor Data

Voltage / Phase / Frequency	415 / 3 / 50 Hz
Insulation Class	F / H
Degree of Protection	IP 68
Shaft Speed	2900 rpm
Electric Motor	Squirrel Cage Induction Motor
Rated Current at 415V	119.0 Amp
Method of Starting	ATS
Power Cable + Control Cable	2x4x25 sq mm + 1x4x1.5 sq mm

Monitoring Equipment

Motor Protections	Moisture Ingress & Temperature Sensors by PTC
-------------------	---

Mechanical Face Seals

Inner Seal	CR / SS
Outer Seal	TC / TC

Materials

Casted Parts	Aluminium
Diffuser	Aluminium
Motor Shaft	Stainless Steel
Impeller	Hi-chrome
O-rings	Nitrile Rubber
Hardware	Stainless Steel

Weight and Dimensions

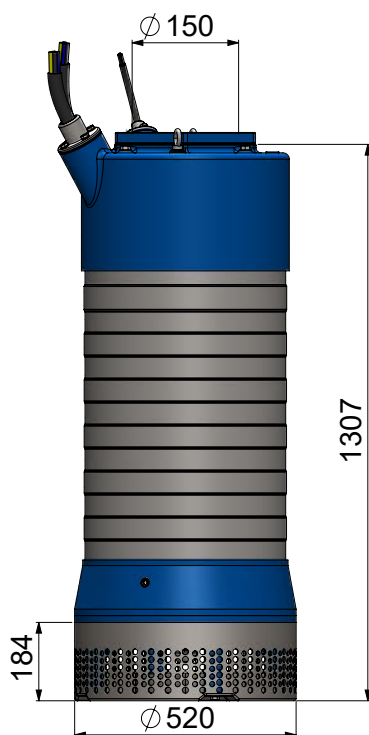
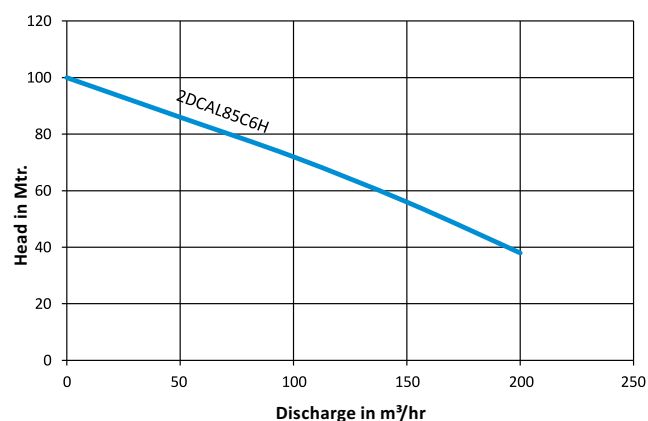
Weight	522 kg
Height	1307 mm
Width	ø 520 mm

Options

Optional Accessories	Zinc Anodes
Optional Accessories	NPT Threaded Discharge Elbow
Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz

For further information, see data sheets. Specifications can be changed without notice.

Drainmaster Ultra H



All Dimension are in mm

Technical Data

Pump Information

Model Number	2DCAL85C6H
Pump Name	Drainmaster Ultra H
Discharge Connection	6"
Rating	63.0 kW / 85.0 hp

Process Data

Liquid Temperature	40°C (standard)
Depth of Immersion	max 26 m
Solid Passage	10 mm
The pH of the Pumped Liquid	pH 5-8

Motor Data

Voltage / Phase / Frequency	415 / 3 / 50 Hz
Insulation Class	F / H
Degree of Protection	IP 68
Shaft Speed	2900 rpm
Electric Motor	Squirrel Cage Induction Motor
Rated Current at 415V	119.0 Amp
Method of Starting	ATS
Power Cable + Control Cable	2x4x25 sq mm + 1x4x1.5 sq mm

Monitoring Equipment

Motor Protections	Moisture Ingress & Temperature Sensors by PTC
-------------------	---

Mechanical Face Seals

Inner Seal	CR / SS
Outer Seal	TC / TC

Materials

Casted Parts	Aluminium
Diffuser	Aluminium
Motor Shaft	Stainless Steel
Impeller	Hi-chrome
O-rings	Nitrile Rubber
Hardware	Stainless Steel

Weight and Dimensions

Weight	522 kg
Height	1307 mm
Width	$\phi 520$ mm

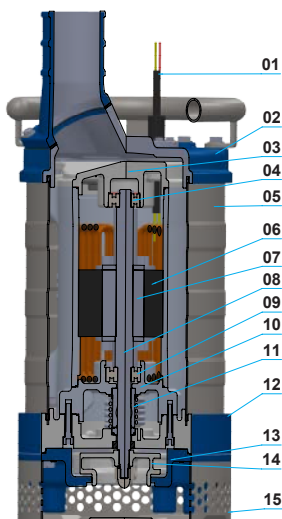
Options

Optional Accessories	Zinc Anodes
Optional Accessories	NPT Threaded Discharge Elbow
Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz

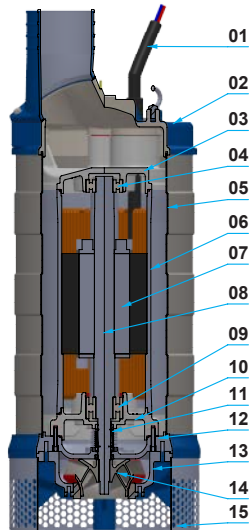
For further information, see data sheets. Specifications can be changed without notice.

Cross Section

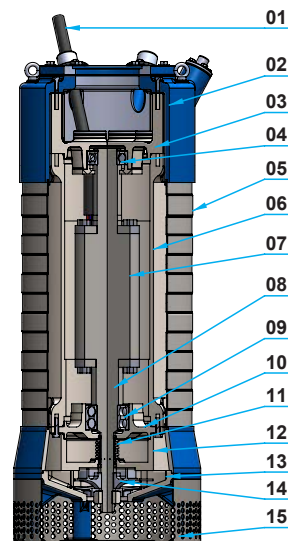
MODEL
2DCAL1C2H
2DCAL2C3H
2DCAL3C3H
2DCAL5C4M
2DCAL5C3H
2DCAL7.5C4M
2DCAL7.5C3H
2DCAL10C4M
2DCAL15C6M
2DCAL15C4H
2DCAL25C6M
2DCAL25C4H



MODEL
4DCAL40C8L
2DCAL50C8M
2DCAL50C4H



MODEL
4DCAL85C8L
2DCAL85C8M
2DCAL85C6H

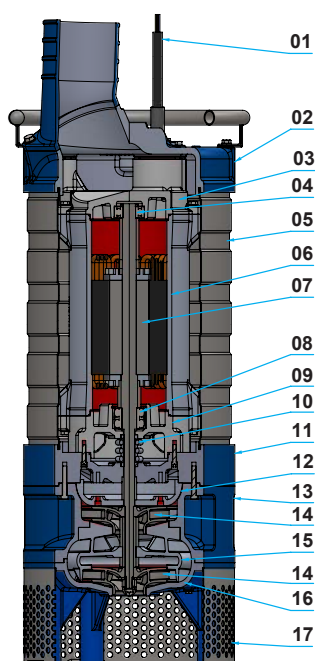


NO.	DESCRIPTION	MATERIAL
01	Power & Control Cable	H07RN-F EPR/PVC Insulated/Screen Cable
02	Discharge Outlet	Aluminium-LM25
03	Motor Top Cover	Aluminium-LM25
04	Ball Bearing (N.D.E.)	FAG (Grease Lubricant)
05	Outer Jacket	S.S. 304
06	Stator Housing	Aluminium-LM25
07	Rotor Die Cast	Alu. Dye-Cast
08	Rotor Shaft	S.S. 410

NO.	DESCRIPTION	MATERIAL
09	Ball Bearing (D.E.)	FAG (Grease Lubricant)
10	Bearing Housing	Aluminium-LM25
11	Dual Face Mech. Seal	TC/TC - C/S.S.
12	Seal Plate	Aluminium-LM25
13	Diffuser	Aluminium-LM25
14	Impeller	High Chrome Casted
15	Strainer	Mild Steel with Chrome Plating
#	Fastenear	S.S. 304

Note : M.O.C. Showing Major Parts Only

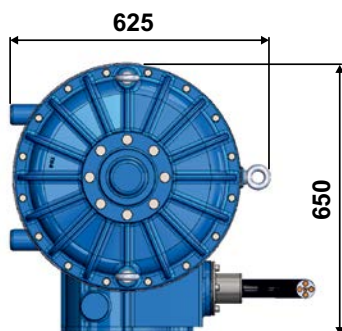
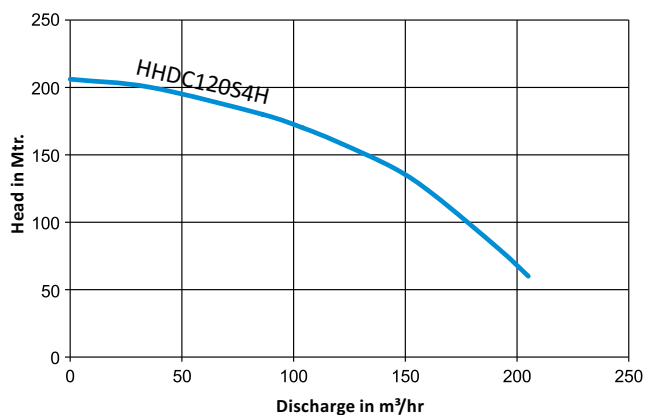
MODEL
2DCAL10C3H
2DCAL15C3HH
2DCAL50C4HH



NO.	DESCRIPTION	MATERIAL
01	Power & Control Cable	H07RN-F EPR/PVC Insulated/Screen Cable
02	Discharge Outlet	Aluminium-LM25
03	Top Brg. Cover	Aluminium-LM25
04	Ball Bearing (N.D.E.)	FAG (Grease Lubricant)
05	Body Jacket	S.S. 304
06	Stator Body	Aluminium-LM25
07	Rotor Die Cast	Alu. Dye-Cast
08	Ball Bearing (D.E.)	FAG (Grease Lubricant)
09	Bearing Housing	Aluminium-LM25
10	Duel. Mech. Seal	TC/TC - C/S.S.
11	Seal Plate	Aluminium-LM25
12	Guide Cover	Aluminium-LM25
13	Diffuser	Aluminium-LM25
14	Impeller	High Chrome Casted
15	Pump Stage	Aluminium-LM25
16	Base	Aluminium-LM25
17	Suction Strainer	Mild Steel With Chrome Plating
#	Fastenear	S.S. 304

Note : M.O.C. Showing Major Parts Only

Toughflow 904



All Dimension are in mm

Technical Data

Pump Information

Model Number	HHDC120S4H
Pump Name	Toughflow 904
Discharge Connection	4"
Rating	90.0 kw / 120.0 hp

Process Data

Liquid Temperature	40°C (standard)
Depth of Immersion	max 26 m
Solid Passage	10 mm
The pH of the Pumped Liquid	pH 5-14

Motor data

Voltage / Phase / Frequency	415 / 3 / 50 Hz
Insulation Class	F / H
Degree of Protection	IP 68
Shaft Speed	2900 rpm
Electric Motor	Squirrel Cage Induction Motor
Rated Current at 415V	150.0 Amp
Method of Starting	ATS
Power Cable + Control Cable	1x4x70 sq mm + 1x4x1.5 sq mm

Monitoring Equipment

Motor Protections	Moisture Ingress & Temperature Sensors by PTC
-------------------	---

Mechanical Face Seals

Inner Seal	CR / SS
Outer Seal	TC / TC

Materials

Casted Parts	Cast iron
Diffuser	Cast iron
Motor Shaft	Stainless Steel
Impeller	Hi-chrome
O-rings	Nitrile Rubber
Hardware	Stainless Steel

Weight and Dimensions

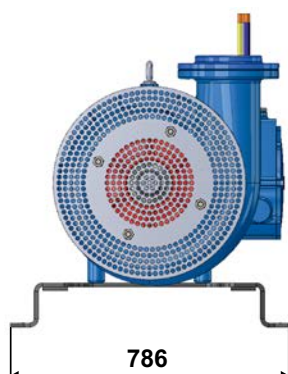
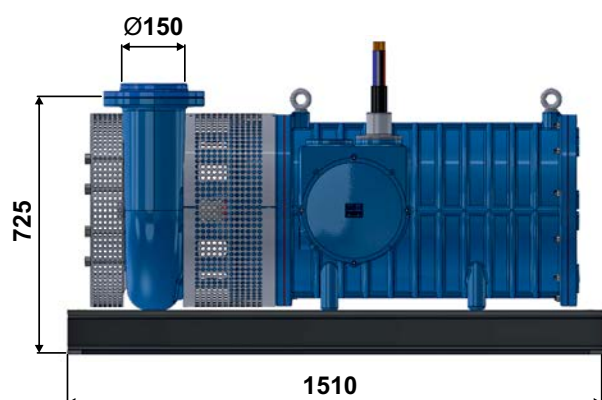
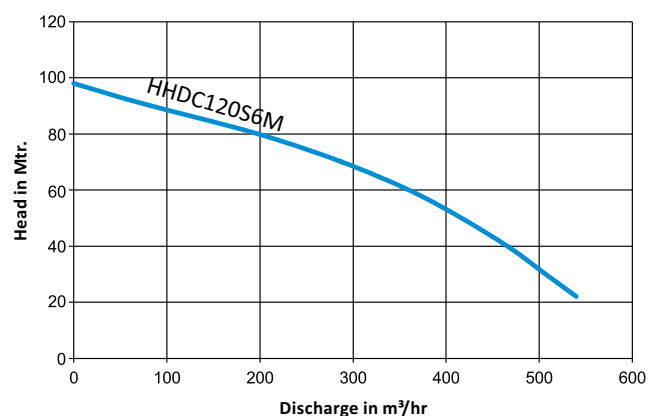
Weight	1100 kg
Height	1426 mm
Width	650 mm

Options

Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz

For further information, see data sheets. Specifications can be changed without notice.

Toughflow 906



All Dimension are in mm

Technical Data

Pump Information

Model Number	HHDC120S6M
Pump Name	Toughflow 906
Discharge Connection	6"
Rating	90.0 kw / 120.0 hp

Process Data

Liquid Temperature	40°C (standard)
Depth of Immersion	max 26 m
Solid Passage	10 mm
The pH of the Pumped Liquid	pH 5-14

Motor data

Voltage / Phase / Frequency	415 / 3 / 50 Hz
Insulation Class	F / H
Degree of Protection	IP 68
Shaft Speed	2900 rpm
Electric Motor	Squirrel Cage Induction Motor
Rated Current at 415V	150.0 Amp
Method of Starting	ATS
Power Cable + Control Cable	1x4x70 sq mm + 1x4x1.5 sq mm

Monitoring Equipment

Motor Protections	Moisture Ingress & Temperature Sensors by PTC
-------------------	---

Mechanical Face Seals

Inner Seal	CR / SS
Outer Seal	TC / TC

Materials

Casted Parts	Cast iron
Diffuser	Cast iron
Motor Shaft	Stainless Steel
Impeller	Hi-chrome
O-rings	Nitrile Rubber
Hardware	Stainless Steel

Weight and Dimensions

Weight	1210 kg
Height	725 mm
Width	1510 mm

Options

Optional Voltage	230 V / 380 V / 460 V / 550 V / 660 V / 1000 V
Optional Frequency	60 Hz

For further information, see data sheets. Specifications can be changed without notice.

“ Fresh water is becoming increasingly scarce worldwide.
That is why we consider it as our responsibility to develop pumps
and systems that can use to obtain and use this precious resource
in the most efficient way possible – now and in the future.”

*Specifications and performance are subject to change without prior notice.
Images used are for illustration purpose only.*



mbh pumps (gujarat) pvt. ltd.

14, G.I.D.C. Naroda Indl. Estate,
Ahmedabad - 382 330, India.
+91-79-2282 3066 / 2282 1018
marketing@mbhpumps.com
exports@mbhpumps.com
www.mbhumps.com

