



Pure performance

STEADY® 1300 SERIES - 60HZ

SteadyTM
a xylem brand



Available

EASY TO SELECT, CLOSE AT HAND, RIGHT PUMP FOR YOUR NEEDS

Value for money

EFFICIENT, POWERFUL

Reliable

SOLIDS HANDLING, CONTINUOUS RUNNING

Readily available pure performance pumps

Steady® 1300 is a series of submersible pumps that deliver pure performance at outstanding value.

Combining performance and quality in a convenient, value for money package, these pumps will help ensure the smooth running and profitability of your operation. This is why Steady is the ideal pump for sewage and surface wastewater within municipal and commercial building applications.

Moreover, Steady makes your choice of pump easy, it only requires three straightforward steps. We have the right pump for your needs with high availability to support your business.

The Steady 1300 series is based on technology developed and tested in tough environments the world over. That's why you can count on these pumps for trouble-free, reliable operation.

The hydraulic design of the pumps has been proven to reduce clogging and maintain efficiency. These pumps simply work-and keep on working. Day in, day out, and under harsh conditions, they won't let you down-they're Steady.

Available Value for money Reliable

With a variety of model and Steady 1300 impeller combinations, it's easy to find a pump for your needs. The optimized impeller design ensures efficient solids handling capability, smooth operation, and increased savings from reduced maintenance costs and lower energy consumption.

All pumps in the series feature a motor designed for reliable operation in submersible applications. The motors have F-class insulation, which allows for

continuous running without overheating, ensuring optimal cooling and long lifetime. Additionally, the pumps can handle 15 starts per hour without problem.

Typically these pumps are installed in permanent installations. However, some models have the option of a free-standing installation so that the pump can be easily moved from one site to another. See methods of installation (page 6) for further reference.

Application areas, Commercial, Municipal, Industrial

- Sewage pumping stations
- Wastewater pumping stations
- Drainage
- Ground water
- Retention basins
- Storm water pumping stations
- WAS pumping
- Elevator pit

Tough to beat

Robust

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

Powerful

Motor is specifically designed for reliable operation in submersible applications. It can run continuously without overheating – a true workhorse.

Durable

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

Smooth

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

Environmentally friendly

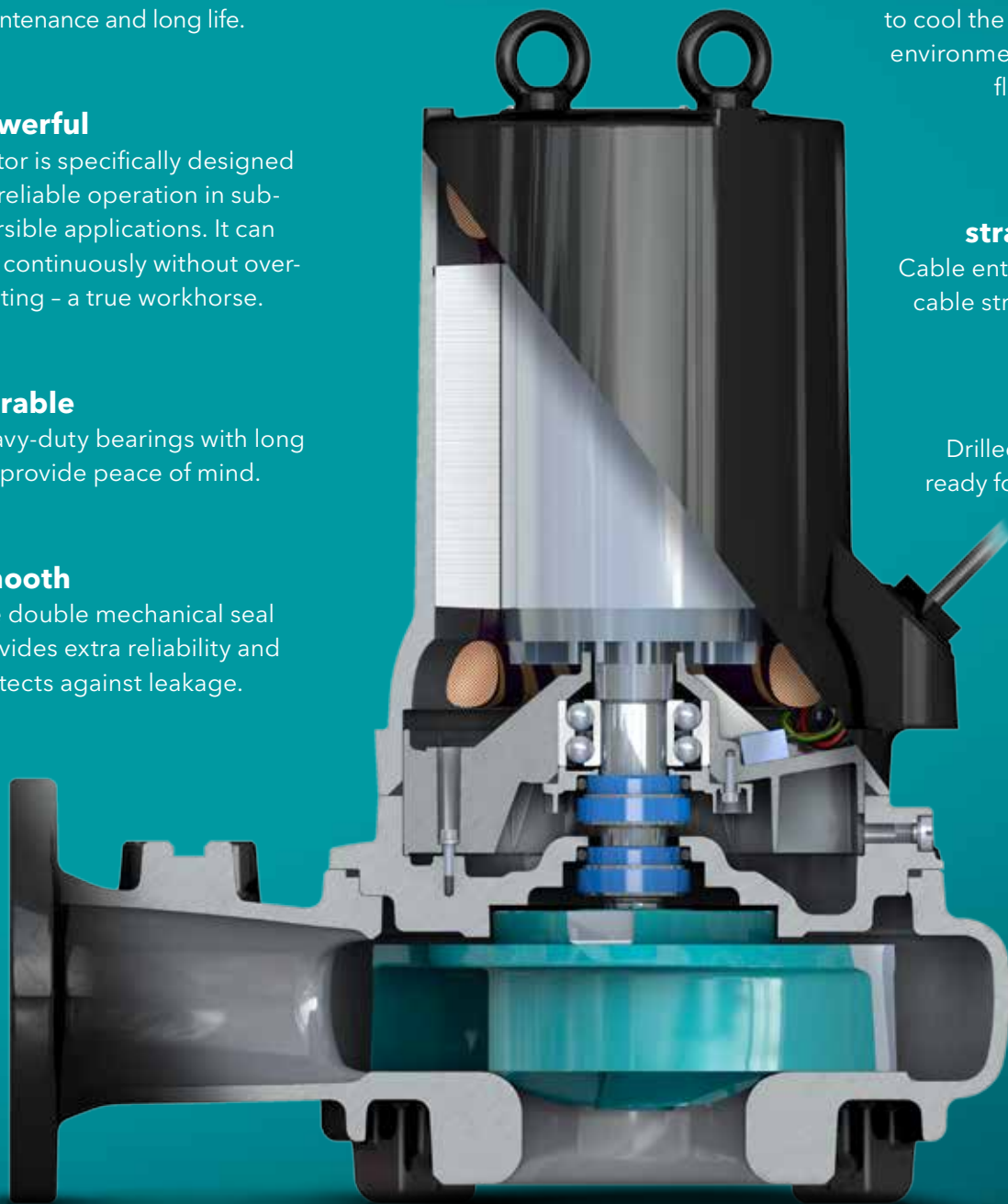
Cooling system is designed to use the surrounding media to cool the pump; no use of environmentally hazardous fluids such as oils.

Safe and straightforward

Cable entry prevents both cable strain and leakage.

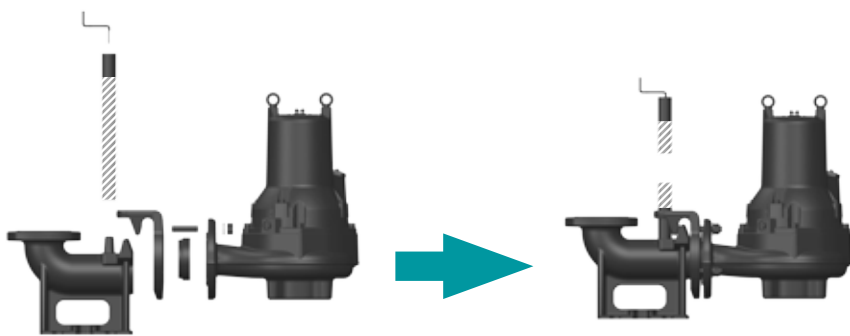
Flexible

Drilled pump housing, ready for any installation method.



Installation methods and accessory kits

The Steady 1300 series is designed to fit your needs. You start with a bare pump and order the right kit depending on your desired installation method.

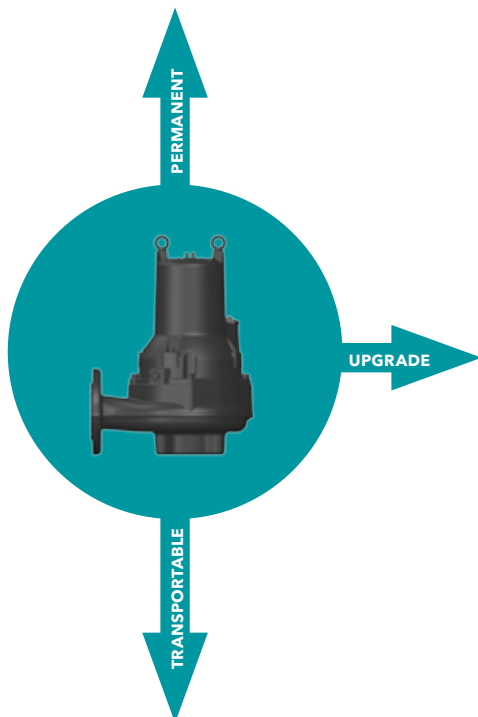


Wet-well kit

The pump is installed with twin guide bars on a discharge connection.

Kit contents:

- Discharge connection
- Anchor bolts
- Guide claw with bolts
- Upper guide bar bracket with bolts



Replacement kit

Simple kit to replace an old pump or upgrade to a larger model

Kit contents:

- Guide claw with bolts



Free-standing kit

Ideal for portability

Kit contents:

- Hose connection with bolts
- Stand with bolts

Selecting & ordering

Configure your product order and generate order number

We've made it easy for you to select and configure your pump with appropriate accessories; it's done in just three simple steps and you build your order number as you go.

1

Select the pump model ideal for your needs from the product pages that follow.

2

For every model and choice of outlet dimension there is a partially filled order number. Configure your pump from the relevant selection tables and you will automatically get the information to build and complete your order number as you go!

Model Model variant Outlet dimension (nominal, mm) Pole Frequency (5=50, 6=60) Phase

1320M-100X.453.---.---./-

Selected model A B C D

Steady™ 1320 Non-clog

Performance curves

Curve ID (B)

Installation-code (A)

Cable length (D)

Voltage (C)

Pumps Data

Model	1320M	1320M	1320M
Impeller Type	Non-clog	Non-clog	Non-clog
Cable connection	80	100	150
Weight (kg)	1.80	1.90	2.10
Pole	2	4	6
Frequency	50	50	60
Max. flow rate (m³/h)	40	40	40
Max. head (m)	10	10	10

Motor Data

Model	1320M	1320M	1320M
Voltage	230V	230V	230V
Power	1.1	1.1	1.1
Rated Power (kW)	0.75	0.75	0.75
Rated current (A)	3.2	3.2	3.2
Rated Power Factor	0.85	0.85	0.85
Rated Speed (rpm)	2850	2850	2850
Rated Torque (Nm)	0.8	0.8	0.8

Material Data

Material	Impeller	Body	Motor
Impeller	Stainless steel	Stainless steel	Stainless steel
Body	Stainless steel	Stainless steel	Stainless steel
Motor	Stainless steel	Stainless steel	Stainless steel
Cable connection	Stainless steel	Stainless steel	Stainless steel
Cable length	Stainless steel	Stainless steel	Stainless steel

Process Data

Process Data	Max. suction head (m)	Max. discharge head (m)
Max. suction head (m)	10	10
Max. discharge head (m)	10	10

Power Cable Data

Power Cable Data	Cable type (mm²)	Cable length (m)
Cable type (mm²)	1.5	1.5
Cable length (m)	1.5	1.5

Pump dimensions (mm)

Model	1320M	1320M	1320M
Height	100	100	100
Width	100	100	100
Depth	100	100	100
Weight	1.80	1.90	2.10

Installation kit selection table*

Kit	Free-standing	Wall-mount	Replacement
Kit	1320-1320 (Free-standing)	1320-1320 (Wall-mount)	1320-1320 (Replacement)
Kit	1320-1320 (Free-standing)	1320-1320 (Wall-mount)	1320-1320 (Replacement)

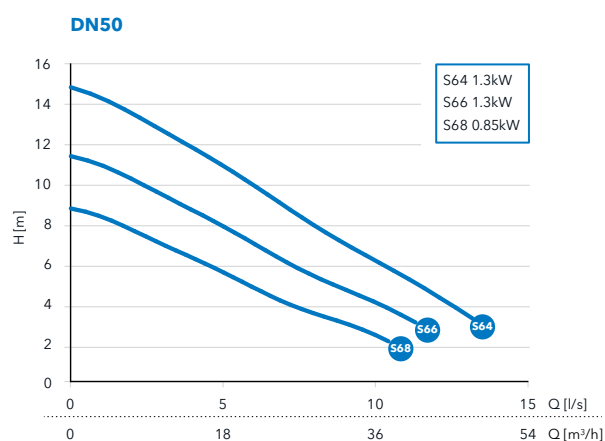
3

Select your accessory kit from the relevant accessory selection tables, i.e. installation kit. Please make sure that your configuration corresponds to the right order number and accessory kits and you are ready to order.

Steady® 1305 Non-clog



Performance curves



Selection table

Model	DN	Installation*	Pole	Freq (Hz)	Phase	Leakage detector	Rated Power	Curve no	Voltage	Cable	Order number**
1305S	50	W, T	2	60	1, 3	D	[see chart]	S64, S66, S68	230, 380	10, 20	1305S-50-.26-...-.../-

* W=Wet well only. T=Free-standing threaded outlet only.

** For information on configuring the right order number, see page 7. Pumps come standard with thermal switches.

Pump Data

Model	1305S
Impeller Type	Non-clog
Outlet size (mm)	50
Weight (kg)	30
Pole	2
Insulation Class	F
Starts per hour	15
Starts method	DOL

Motor Data

	1305S		
Voltage (other voltages optional)	380	380	230
Phase	3	3	1
Rated Power (kW)	1.3	0.85	0.85
Rated current (A)	2.5	1.9	4.9
Full Load Power Factor	0.83	0.71	0.99
Starting current (A)	19	19	17
Connection	Y	Y	-

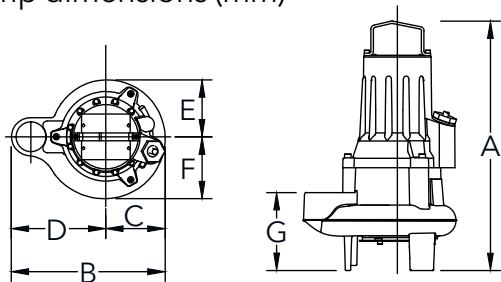
Material Data

Impeller	grey cast iron
Pump housing	grey cast iron
Stator housing	grey cast iron
Shaft	stainless steel
Inner mechanical seal	carbon/aluminum oxide
Outer mechanical seal	cemented carbide/aluminum oxide
O-rings	nitrile
Cable sheathing	nitrile

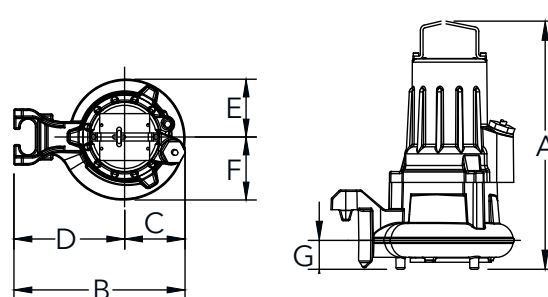
Process Data

Max submergence	20 m (IP68)
Max fluid temp	40 °C
pH range of pumped liquid	5.5 - 14

Pump dimensions (mm)



Free-standing 1305S	
A	418
B	298
C	116
D	182
E	97
F	119
G	121



Wet well 1305S	
	397
	272
	116
	156
	97
	120
	44

Installation kit selection table*

DN	Free-standing	Wet well	Replacement
50	included	1305-50W	included

* For more information, see page 6.

DN50

V92 1.3kW
V94 0.85kW

H [m]

Q [l/s]

Q [m³/h]

Flow Rate (Q) [l/s]	Flow Rate (Q) [m³/h]	Head (H) [m] - V92 1.3kW	Head (H) [m] - V94 0.85kW
0	0	10.5	7.0
2	7.2	9.5	6.0
4	14.4	8.0	4.5
6	21.6	5.0	2.0
8	28.8	2.5	1.0
9.2	33.1	1.5	0.5

Model	DN	Installation*	Pole	Freq (Hz)	Phase	Leakage detector	Rated Power	Curve no	Voltage	Cable	Order number**
1305H	50	W, T	2	60	1, 3	D	[see chart]	V92, V94	230, 380	10, 20	1305H-50-.26-...-...-/-

** For information on configuring the right order number, see page 7. Pumps come standard with thermal switches.

Pump Data

Model	1305H
Impeller Type	Vortex
Outlet size (mm)	50
Weight (kg)	30
Pole	2
Insulation Class	F
Starts per hour	15
Starts method	DOL

Motor Data

	1305H		
Voltage (other voltages optional)	380	380	230
Phase	3	3	1
Rated Power (kW)	1.3	0.85	0.85
Rated current (A)	2.5	1.9	4.9
Full Load Power Factor	0.83	0.71	0.99
Starting current (A)	19	19	17
Connection	Y	Y	-

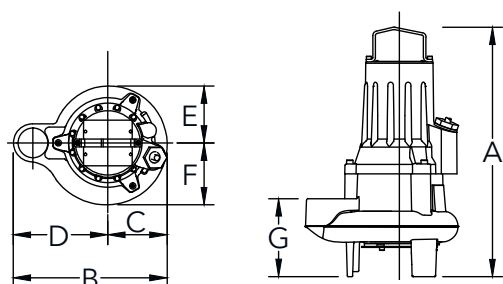
Material Data

Impeller	grey cast iron
Pump housing	grey cast iron
Stator housing	grey cast iron
Shaft	stainless steel
Inner mechanical seal	carbon/aluminum oxide
Outer mechanical seal	cemented carbide/aluminum oxide
O-rings	nitrile
Cable sheathing	nitrile

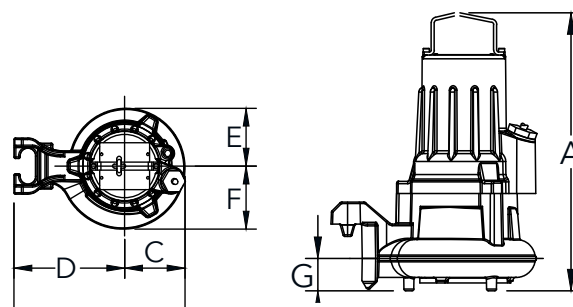
Process Data

Max submergence	20 m (IP68)
Max fluid temp	40 °C
pH range of pumped liquid	5.5 - 14

Pump dimensions (mm)



	Free-standing 1305H
A	465
B	299
C	116
D	183
E	103
F	114
G	140



	Wet well 1305H
A	423
C	272
D	116
E	156
F	104
G	114
	50

Installation kit selection table*

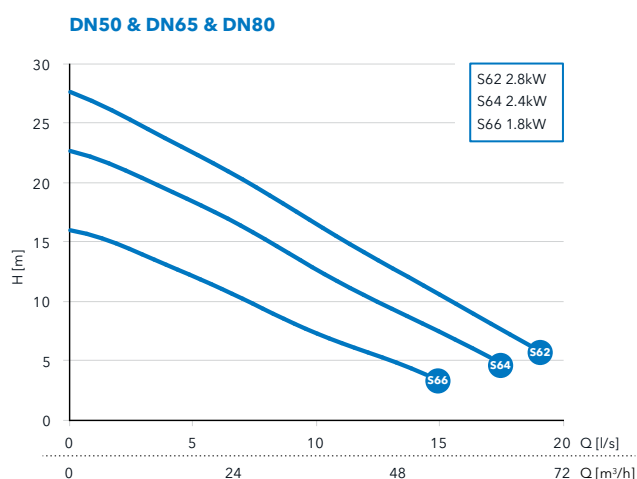
DN	Free-standing	Wet well	Replacement
50	included	1305-50W	included

* For more information, see page 6.

Steady® 1310 Non-clog



Performance curves



Selection table

Model	DN	Installation*	Pole	Freq (Hz)	Phase	Leakage detector	Rated Power	Curve no	Voltage	Cable	Order number**
1310S	50	W, T	2	60	1, 3	D	[see chart]	S62, S64, S66	230, 220/380/440	10, 20	1310S-50-.26-...-/-
1310S	65	X	2	60	1, 3	D	[see chart]	S62, S64, S66	230, 220/380/440	10, 20	1310S-65X.26-...-/-
1310S	80	X	2	60	1, 3	D	[see chart]	S62, S64, S66	230, 220/380/440	10, 20	1310S-80X.26-...-/-

* W=Wet well only. T=Free-standing threaded outlet only. X=Bare pump.

** For information on configuring the right order number, see page 7. Pumps come standard with thermal switches.

Pump Data

Model	1310S
Impeller Type	Non-clog
Outlet size (mm)	50 65
Weight (kg), with stand	46
Pole	2
Insulation Class	F
Starts per hour	15
Start method	DOL or optional YD

Motor Data

	1310S					
Voltage (other voltages optional)	220 380 440	220 380 440	220 380 440	230	230	230
Phase	3	3	3	1	1	1
Rated Power (kW)	2.8	2.4	1.8	2.8	2.4	1.8
Rated current (A)	10.1 5.9 5.0	8.7 5.0 4.3	6.7 4.1 3.3	19.2	14.3	9.9
Full Load Power Factor	0.90 0.87 0.91	0.89 0.84 0.89	0.84 0.78 0.85	0.94	0.96	0.97
Starting current (A)	59 37 29	59 37 29	59 37 29	37	37	37
Connection	D// Y// Dser	D// Y// Dser	D// Y// Dser	-	-	-

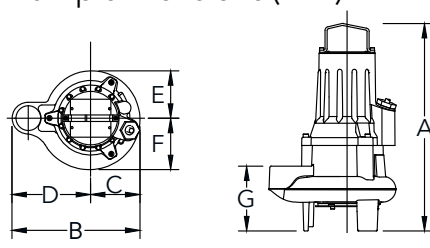
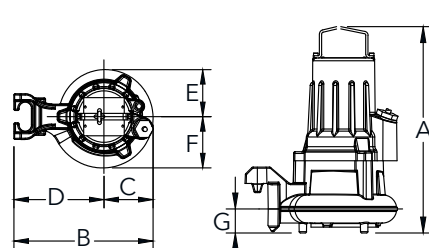
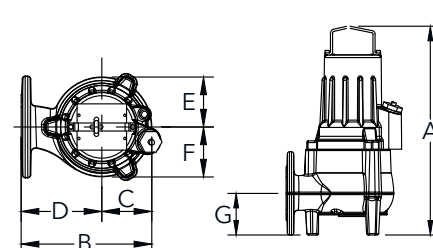
Material Data

Impeller	grey cast iron
Pump housing	grey cast iron
Stator housing	grey cast iron
Shaft	stainless steel
Inner mechanical seal	carbon/aluminum oxide
Outer mechanical seal	cemented carbide/aluminum oxide
O-rings	nitrile
Cable sheathing	nitrile

Process Data

Max submergence	20 m (IP68)
Max fluid temp	40 C
pH range of pumped liquid	5.5 - 14

Pump dimensions (mm)

					
Free-standing 1310S		Wet well 1310S		X-installation 1310S	
A	433		422		457
B	304		287		318
C	112		112		118
D	192		175		200
E	103		103		103
F	123		123		123
G	121		45		100

Installation kit selection table*

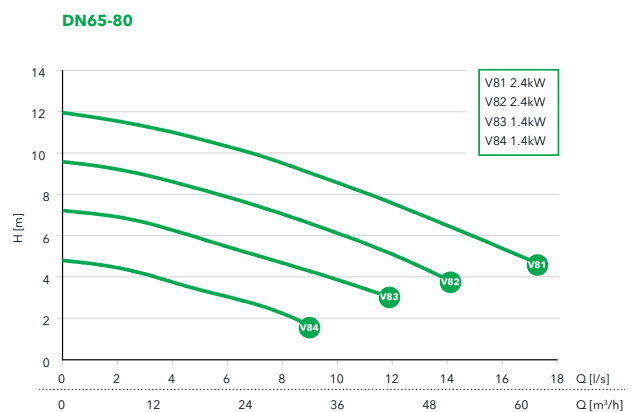
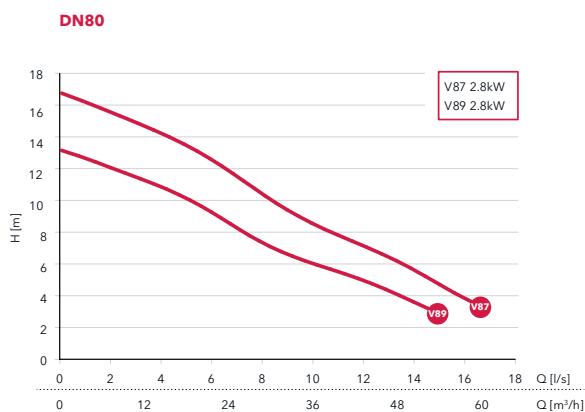
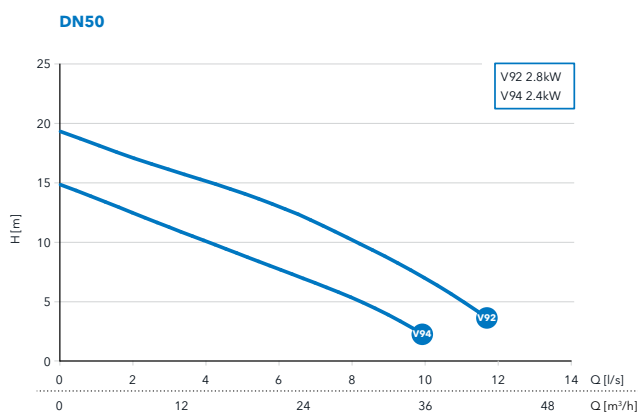
DN	Free-standing	Wet well	Replacement
50	included	1310-50W	included
65	1310-65H (hose), 1310-65T (threaded)	1310-65W	1310-65R
80	1310-80H (hose), 1310-80T (threaded)	1310-80W	1310-80R

* For more information, see page 6.

Steady[®] 1310 Vortex



Performance curves



Selection table

Model	DN	Installation*	Pole	Freq (Hz)	Phase	Leakage detector	Rated Power	Curve no	Voltage	Cable	Order number**
1310H	50	W, T	2	60	1, 3	D	[see chart]	V92, V94	230, 220/380/440	10, 20	1310H-50-.26-...-...-/-
1310M	80	X	2	60	1, 3	D	[see chart]	V87, V89	230, 220/380/440	10, 20	1310M-80X-.26-...-...-/-
1310L	65	X	4	60	1, 3	D	[see chart]	V81, V82, V83, V84	230, 380	10, 20	1310L-65X-.46-...-...-/-

* W=Wet well only. T=Free-standing threaded outlet only. X=Bare pump.

** For information on configuring the right order number, see page 7. Pumps come standard with thermal switches.

Pump Data

Model	1310H/M	1310L
Impeller Type	Vortex	Vortex
Outlet size (mm)	50 65	65
Weight (kg)	46	46
Pole	2	4
Insulation Class	F	F
Starts per hour	15	15
Start method	DOL or optional YD	

Motor Data

	1310H			
Voltage (other voltages optional)	220 380 440	220 380 440	230	230
Phase	3	3	1	1
Rated Power (kW)	2.8	2.4	2.8	2.4
Rated current (A)	10.1 5.9 5.0	8.7 5.0 4.3	19.2	14.3
Full Load Power Factor	0.90 0.87 0.91	0.89 0.84 0.89	0.94	0.96
Starting current (A)	59 37 29	59 37 29	37	37
Connection	D// Y// Dser	D// Y// Dser	-	-

1310M	
220 380 440	230
3	1
2.8	2.8
10.1 5.9 5.0	19.2
0.90 0.87 0.91	0.94
59 37 29	37
D// Y// Dser	-

1310L			
380	380	230	230
3	3	1	1
2.4	1.4	1.5	1.2
5.7	3.9	9.4	7.7
0.85	0.71	0.99	0.99
27	27	37	37
Y	Y	-	-

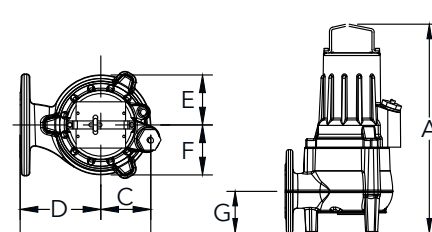
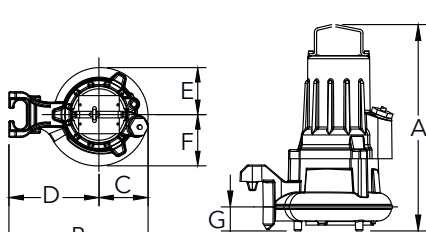
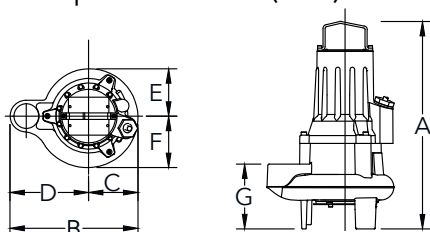
Material Data

Impeller	grey cast iron
Pump housing	grey cast iron
Stator housing	grey cast iron
Shaft	stainless steel
Inner mechanical seal	carbon/aluminum oxide
Outer mechanical seal	cemented carbide/aluminum oxide
O-rings	nitrile
Cable sheathing	nitrile

Process Data

Max submergence	20 m (IP68)
Max fluid temp	40 C
pH range of pumped liquid	5.5 - 14

Pump dimensions (mm)



Free-standing 1310H	
A	503
B	310
C	120
D	190
E	115
F	125
G	165

Wet well 1310H	
A	455
B	285
C	119
D	166
E	114
F	124
G	53

X-installation	
1310M	1310L
535	464
259	346
99	146
160	200
106	146
106	146
100	85

Installation kit selection table*

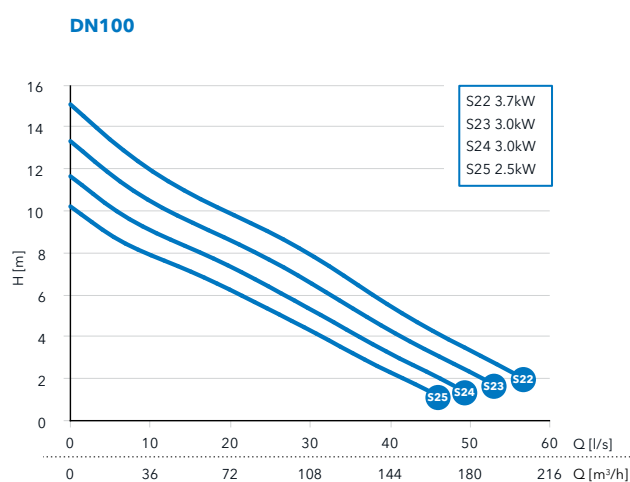
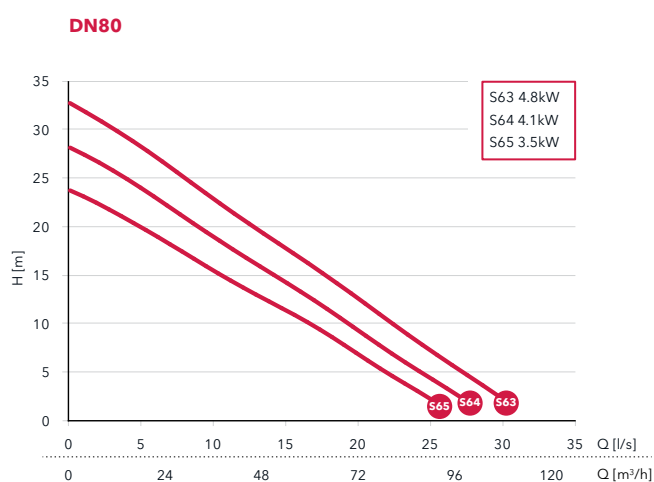
DN	Free-standing	Wet well	Replacement
50	included	1310-50W	Included
65	1310-65H (hose), 1310-65T (threaded)	1310-65W	1310-65R
80	1310-80H (hose), 1310-80T (threaded)	1310-80W	1310-80R

* For more information, see page 6.

Steady® 1315 Non-clog



Performance curves



Selection table

Model	DN	Installation*	Pole	Freq (Hz)	Phase	Leakage detector	Rated Power	Curve no	Voltage	Cable	Order number**
1315S	80	X	2	60	1, 3	D	[see chart]	S63, S64, S65	230, 220/380/440	10, 20	1315S-80X.26-...-...-/-
1315M	100	X	4	60	1, 3	D	[see chart]	S22, S23, S24, S25	230, 220/380/440	10, 20	1315M-100X.46-...-...-/-

* X=Bare pump.

** For information on configuring the right order number, see page 7. Pumps come standard with thermal switches.

Pump Data

Model	1315S	1315M
Impeller Type	Non-clog	Non-clog
Outlet size (mm)	65	100
Weight (kg)	95	95
Pole	2	4
Insulation Class	F	F
Starts per hour	15	15
Start method	DOL or optional YD	

Motor Data

	1315S					
Voltage (other voltages optional)	220 380 440	220 380 440	220 380 440	230	230	
Phase	3	3	3	1	1	
Rated Power (kW)	4.8	4.1	3.5	4.1	3.5	
Rated current (A)	17 10 8.7	15 8.8 7.6	14 7.8 6.8	22	18.5	
Full Load Power Factor	0.86 0.86 0.86	0.83 0.83 0.83	0.79 0.79 0.79	1	1	
Starting current (A)	126 72 63	126 72 63	126 72 63	96	96	
Connection	D// Y// Dser	D// Y// Dser	D// Y// Dser	-	-	

	1315M					
Voltage (other voltages optional)	220 380 440	220 380 440	220 380 440	230	230	
Phase	3	3	3	1	1	
Rated Power (kW)	3.7	3	2.5	3	2.5	
Rated current (A)	14 8.1 7	11 6.6 5.7	9.8 5.7 5	17.1	14.3	
Full Load Power Factor	0.87 0.87 0.87	0.84 0.84 0.84	0.80 0.80 0.80	0.98	0.98	
Starting current (A)	67 36 34	67 36 34	67 36 34	77	77	
Connection	D// Y// Dser	D// Y// Dser	D// Y// Dser	-	-	

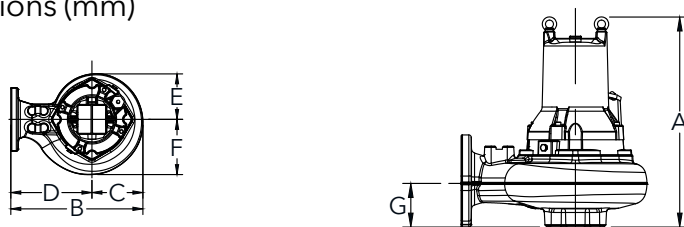
Material Data

Impeller	grey cast iron
Pump housing	grey cast iron
Stator housing	grey cast iron
Shaft	stainless steel
Inner mechanical seal	carbon/aluminum oxide
Outer mechanical seal	cemented carbide/aluminum oxide
O-rings	nitrile
Cable sheathing	nitrile

Process Data

Max submergence	20 m (IP68)
Max fluid temp	40 C
pH range of pumped liquid	5.5 - 14

Pump dimensions (mm)



	1315S	1315M
A	508	524
B	377	464
C	147	179
D	230	285
E	146	161
F	148	194
G	90	109

Installation kit selection table*

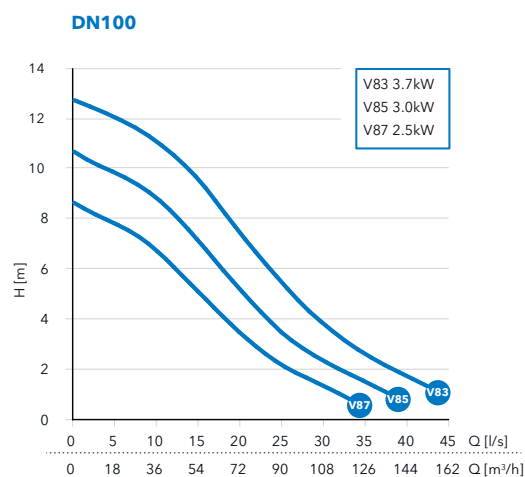
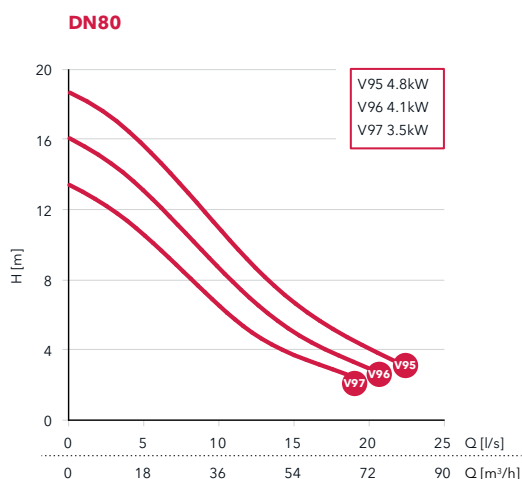
DN	Free-standing	Wet well	Replacement
65	1315-65H (hose), 1315-65T (threaded)	1315-65W	1315-65R
80	1315-80H (hose), 1315-80T (threaded)	1315-80W	1315-80R
100	1315-100H (hose), 1315-100T (threaded)	1315-100W	1315-100R

* For more information, see page 6.

Steady[®] 1315 Vortex



Performance curves



Selection table

Model	DN	Installation*	Pole	Freq (Hz)	Phase	Leakage detector	Rated Power	Curve no	Voltage	Cable	Order number**
1315H	80	X	2	60	1, 3	D	[see chart]	V95, V96, V97	230, 220/380/440	10, 20	1315H-80X-.26-...-...-/-
1315M	100	X	4	60	1, 3	D	[see chart]	V83, V85, V87	230, 220/380/440	10, 20	1315M-100X-.46-...-...-/-

* X=Bare pump.

** For information on configuring the right order number, see page 7. Pumps come standard with thermal switches.

Pump Data

Model	1315H	1315M
Impeller Type	Vortex	Vortex
Outlet size (mm)	80	100
Weight (kg)	95	95
Pole	2	4
Insulation Class	F	F
Starts per hour	15	15
Start method	DOL or optional YD	

Motor Data

	1315H						1315M					
Voltage (other voltages optional)	220 380 440	220 380 440	220 380 440	230	230		220 380 440	220 380 440	220 380 440	230	230	
Phase	3	3	3	1	1		3	3	3	1	1	
Rated Power (kW)	4.8	4.1	3.5	4.1	3.5		3.7	3	2.5	3	2.5	
Rated current (A)	17 10 8.7	15 8.8 7.6	14 7.8 6.8	22	18.5		14 8.1 7	11 6.6 5.7	9.8 5.7 5	17.1	14.3	
Full Load Power Factor	0.86 0.86 0.86	0.83 0.83 0.83	0.79 0.79 0.79	1	1		0.87 0.87 0.87	0.84 0.84 0.84	0.80 0.80 0.80	0.98	0.98	
Starting current (A)	126 72 63	126 72 63	126 72 63	96	96		67 36 34	67 36 34	67 36 34	77	77	
Connection	D// Y// Dser	D// Y// Dser	D// Y// Dser	-	-		D// Y// Dser	D// Y// Dser	D// Y// Dser	-	-	

Material Data

Impeller	grey cast iron
Pump housing	grey cast iron
Stator housing	grey cast iron
Shaft	stainless steel
Inner mechanical seal	carbon/aluminum oxide
Outer mechanical seal	cemented carbide/aluminum oxide
O-rings	nitrile
Cable sheathing	nitrile

Process Data

Max submergence	20 m (IP68)
Max fluid temp	40 C
pH range of pumped liquid	5.5 - 14

Pump dimensions (mm)



	1315H	1315M
A	523	573
B	342	367
C	142	142
D	200	225
E	144	148
F	145	147
G	100	120

Installation kit selection table*

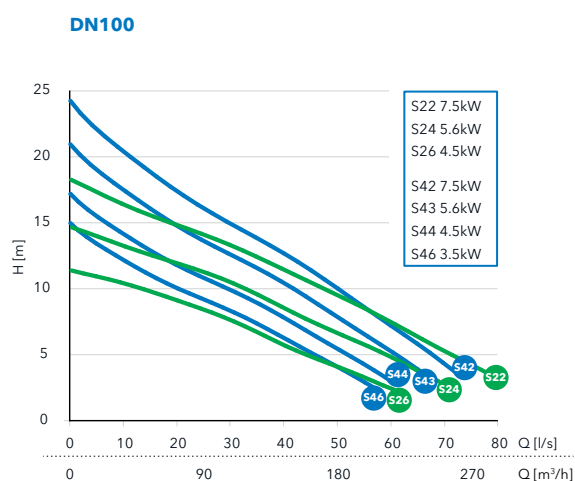
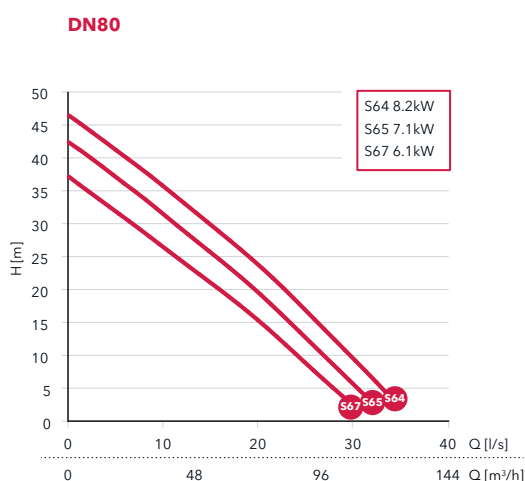
DN	Free-standing	Wet well	Replacement
65	1315-65H (hose), 1315-65T (threaded)	1315-65W	1315-65R
80	1315-80H (hose), 1315-80T (threaded)	1315-80W	1315-80R
100	1315-100H (hose), 1315-100T (threaded)	1315-100W	1315-100R

* For more information, see page 6.

Steady® 1320 Non-clog



Performance curves



Selection table

Model	DN	Installation*	Pole	Freq (Hz)	Phase	Leakage detector	Rated Power	Curve no	Voltage	Cable	Order number**
1320S	80	X	2	60	1, 3	D	[see chart]	S64, S65, S67	230, 220/380/440	10, 20	1320S-80X.26-...-.../-
1320H	100	X	4	60	1, 3	D	[see chart]	S42, S43, S44, S46	230, 220/380/440	10, 20	1320H-100X.46-...-.../-
1320M	100	X	4	60	1, 3	D	[see chart]	S22, S24, S26	230, 220/380/440	10, 20	1320M-100X.46-...-.../-

* X=Bare pump.

** For information on configuring the right order number, see page 7. Pumps come standard with thermal switches.

Pump Data

Model	1320S	1320H	1320M
Impeller Type	Non-clog	Non-clog	Non-clog
Outlet size (mm)	80	100	100
Weight (kg)	130	140	156
Pole	2	4	4
Insulation Class	F	F	F
Starts per hour	15	15	15
Start method	DOL or optional YD		

Motor Data

1320S						
Voltage *	220 380 440	220 380 440	220 380 440	230	230	230
Phase	3	3	3	1	1	1
Rated Power (kW)	8.2	7.1	6.1	7.1	6.1	5.6
Rated current (A)	27 15 13	24 14 12	21 12 10	42	37	34
Full Load Power Factor	0.9 0.91 0.9	0.88 0.89 0.89	0.86 0.87 0.87	0.87	0.85	0.84
Starting current (A)	222 128 111	222 128 111	222 128 111	138	138	138
Connection	D// Y// Dser	D// Y// Dser	D// Y// Dser	-	-	-

* Other voltages optional

1320H/M						
220 380 440	220 380 440	220 380 440	220 380 440	230	230	230
3	3	3	3	1	1	1
7.5	5.6	4.5	3.5	5.6	4.5	3.5
27 16 14	20 12 10	17 9.7 8.4	14 8.1 7.1	35	29	24
0.86 0.87 0.86	0.84 0.84 0.84	0.8 0.81 0.8	0.75 0.75 0.75	0.85	0.83	0.79
121 70 61	121 70 61	121 70 61	121 70 61	107	107	107
D// Y// Dser	D// Y// Dser	D// Y// Dser	D// Y// Dser	-	-	-

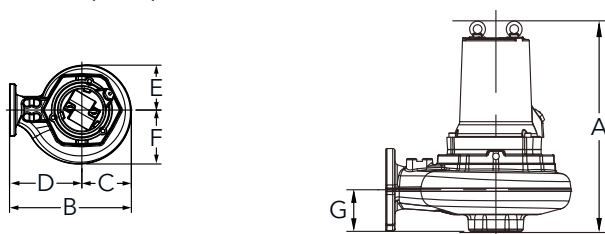
Material Data

Impeller	grey cast iron
Pump housing	grey cast iron
Stator housing	grey cast iron
Shaft	stainless steel
Inner mechanical seal	carbon/cemented carbide
Outer mechanical seal	cemented carbide/cemented carbide
O-rings	nitrile
Cable sheathing	nitrile

Process Data

Max submergence	20 m (IP68)
Max fluid temp	40 C
pH range of pumped liquid	5.5 - 14

Pump dimensions (mm)



	1320S	1320H	1320M
A	570	592	618
B	425	523	523
C	165	213	213
D	260	310	310
E	151	194	180
F	172	232	214
G	90	117	124

Installation kit selection table*

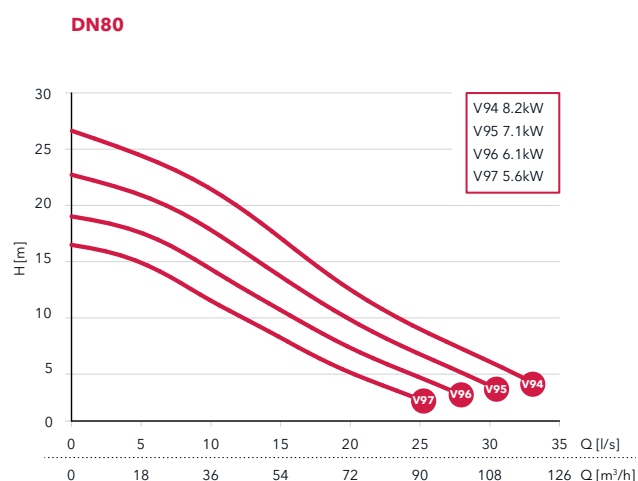
DN	Free-standing	Wet well	Replacement
80	1320-80H (hose), 1320-80T (threaded)	1320-80W	1320-80R
100	1320-100H (hose), 1320-100T (threaded)	1320-100W	1320-100R

* For more information, see page 6.

Steady[®] 1320 Vortex



Performance curves



Selection table

Model	DN	Installation*	Pole	Freq (Hz)	Phase	Leakage detector	Rated Power	Curve no	Voltage	Cable	Order number**
1320H	80	X	2	60	1, 3	D	[see chart]	V94, V95, V96, V97	230, 220/380/440	10, 20	1320H-80X-.26-...-...-/-
1320M	100	X	4	60	1, 3	D	[see chart]	V83, V84, V85	230, 220/380/440	10, 20	1320M-100X-.46-...-...-/-

* X=Bare pump.

** For information on configuring the right order number, see page 7. Pumps come standard with thermal switches.

Pump Data

Model	1320H	1320M
Impeller Type	Vortex	Vortex
Outlet size (mm)	80	100
Weight (kg)	140	156
Pole	2	4
Insulation Class	F	F
Starts per hour	15	15
Start method	DOL or optional YD	

Motor Data

1320H									1320M						
Voltage *	220 380 440	220 380 440	220 380 440	220 380 440	230	230	230		220 380 440	220 380 440	220 380 440	230	230	230	
Phase	3	3	3	3	1	1	1		3	3	3	1	1	1	
Rated Power (kW)	8.2	7.1	6.1	5.6	7.1	6.1	5.6		7.5	5.6	4.5	5.6	4.5	3.5	
Rated current (A)	27 15 13	24 14 12	21 12 10	20 12 10	42	37	34		27 16 14	20 12 10	17 9.7 8.4	35	29	24	
Full Load Power Factor	0.9 0.91 0.9	0.88 0.89 0.89	0.86 0.87 0.87	0.84 0.84 0.84	0.87	0.85	0.84		0.86 0.87 0.86	0.84 0.84 0.84	0.8 0.81 0.8	0.85	0.83	0.79	
Starting current (A)	222 128 111	222 128 111	222 128 111	121 70 61	138	138	138		121 70 61	121 70 61	121 70 61	107	107	107	
Connection	D// Y// Dser	D// Y// Dser	D// Y// Dser	D// Y// Dser	-	-	-		D// Y// Dser	D// Y// Dser	D// Y// Dser	-	-	-	

* Other voltages optional

Material Data

Impeller	grey cast iron
Pump housing	grey cast iron
Stator housing	grey cast iron
Shaft	stainless steel
Inner mechanical seal	carbon/cemented carbide
Outer mechanical seal	cemented carbide/cemented carbide
O-rings	nitrile
Cable sheathing	nitrile

Process Data

Max submergence	20 m (IP68)
Max fluid temp	40 C
pH range of pumped liquid	5.5 - 14

Pump dimensions (mm)



	1320H	1320M
A	610	674
B	375	419
C	165	174
D	210	245
E	154	166
F	154	167
G	100	123

Installation kit selection table*

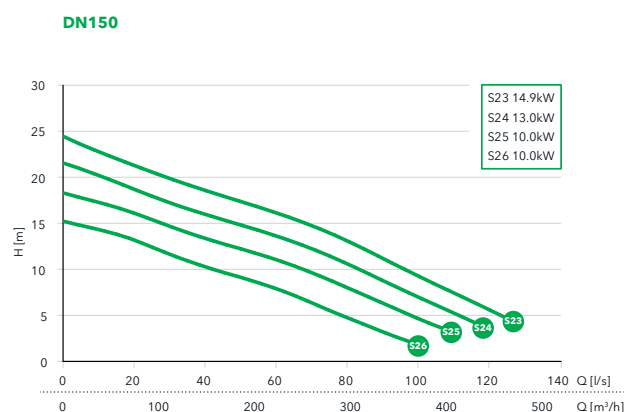
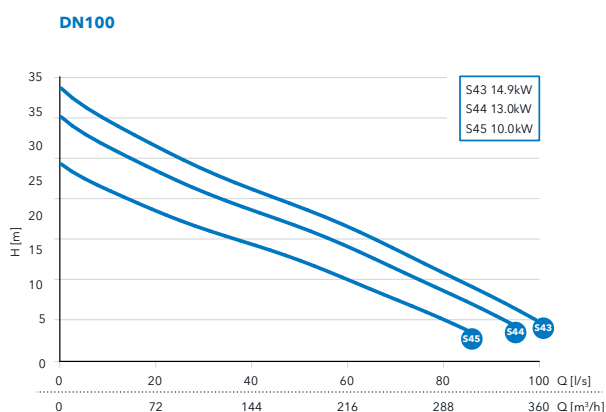
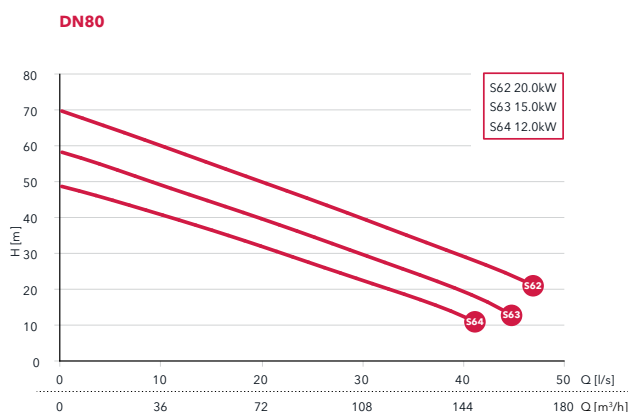
DN	Free-standing	Wet well	Replacement
80	1320-80H (hose), 1320-80T (threaded)	1320-80W	1320-80R
100	1320-100H (hose), 1320-100T (threaded)	1320-100W	1320-100R

* For more information, see page 6.

Steady® 1325 Non-clog



Performance curves



Selection table

Model	DN	Installation*	Pole	Freq (Hz)	Phase	Leakage detector	Rated Power	Curve no	Voltage	Cable	Order number**
1325S	80	X	2	60	3	D	[see chart]	S62, S63, S64	220/380/440	10, 20	1325S-80X.263-...-/-
1325H	100	X	4	60	3	D	[see chart]	S43, S44, S45	220/380/440	10, 20	1325H-100X.463-...-/-
1325M	150	X	4	60	3	D	[see chart]	S23, S24, S25, S26	220/380/440	10, 20	1325M-150X.463-...-/-

* X=Bare pump.

** For information on configuring the right order number, see page 7. Pumps come standard with thermal switches.

Pump Data

Model	1325S	1325H	1325M
Impeller Type	Non-clog	Non-clog	Non-clog
Outlet size (mm)	80	100	150
Weight (kg)	170	180	190
Pole	2	4	4
Insulation Class	F	F	F
Starts per hour	15	15	15
Start method	DOL or optional YD		

Motor Data

1325S				1325H/M		
Voltage (other voltages optional)	220 380 440	220 380 440	220 380 440	220 380 440	220 380 440	220 380 440
Phase	3	3	3	3	3	3
Rated Power (kW)	20	15	12	15	13	10
Rated current (A)	63 36 31	46 27 23	38 22 19	53 30 26	46 27 23	37 21 19
Full Load Power Factor	0.94 0.94 0.94	0.92 0.92 0.92	0.90 0.90 0.90	0.85 0.85 0.85	0.83 0.84 0.83	0.79 0.79 0.79
Starting current (A)	410 236 205	410 236 205	410 236 205	305 174 152	305 174 152	305 174 152
Connection	D// Y// Dser	D// Y// Dser	D// Y// Dser	D// Y// Dser	D// Y// Dser	D// Y// Dser

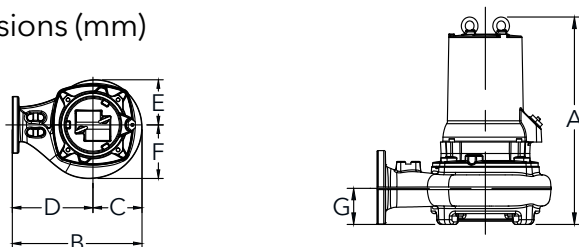
Material Data

Impeller	grey cast iron
Pump housing	grey cast iron
Stator housing	grey cast iron
Shaft	stainless steel
Inner mechanical seal	carbon/cemented carbide
Outer mechanical seal	cemented carbide/cemented carbide
O-rings	nitrile
Cable sheathing	nitrile

Process Data

Max submergence	20 m (IP68)
Max fluid temp	40 C
pH range of pumped liquid	5,5 - 14

Pump dimensions (mm)



	1325S	1325H	1325M
A	650	667	663
B	505	531	550
C	175	201	220
D	330	330	330
E	175	185	187
F	175	220	259
G	82	110	137

Installation kit selection table*

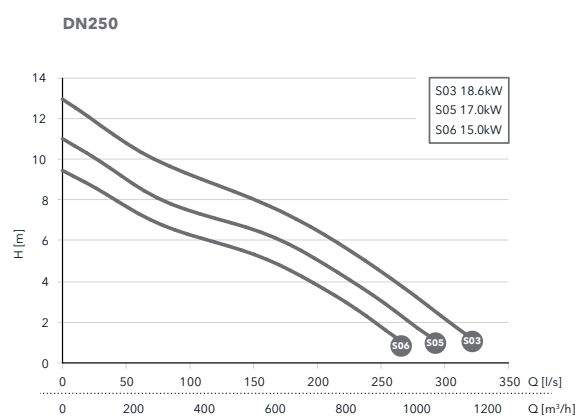
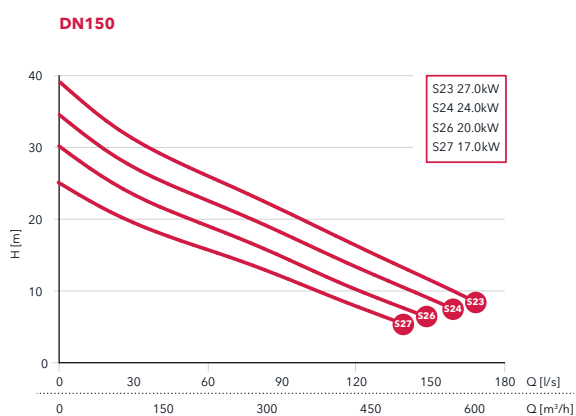
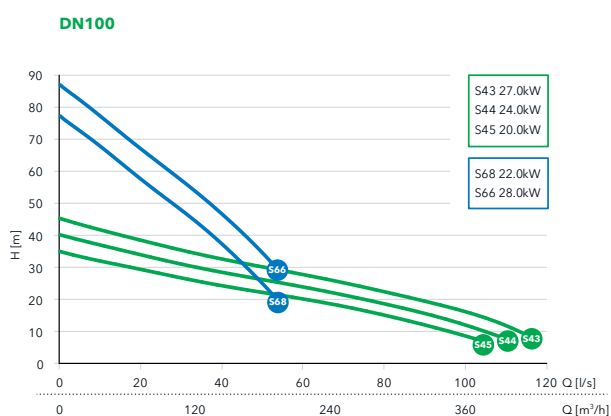
DN	Free-standing	Wet well	Replacement
80	13205-80H (hose), 1325-80T (threaded)	1325-80W	1325-80R
100	1325-100H (hose), 1325-100T (threaded)	1325-100W	1325-100R
150	1325-150H (hose), 1325-150T (threaded)	1325-150W	1325-150R

* For more information, see page 6.

Steady® 1330 Non-clog



Performance curves



Selection table

Model	DN	Installation*	Pole	Freq (Hz)	Phase	Leakage detector	Rated Power	Curve no	Voltage	Cable	Order number**
1330S	100	X	4	60	3	D	[see chart]	S66, S68	380	10, 20	1330S-100X.463-...-/-
1330H	100	X	4	60	3	D	[see chart]	S43, S44, S45	380	10, 20	1330H-100X.463-...-/-
1330M	150	X	4	60	3	D	[see chart]	S23, S24, S26, S27	380	10, 20	1330M-150X.463-...-/-
1330L	250	X	6	60	3	D	[see chart]	S03, S05, S06	380	10, 20	1330L-250X.663-...-/-

* X=Bare pump.

** For information on configuring the right order number, see page 7. Pumps come standard with thermal switches.

Pump Data

Model	1330S	1330H/M	1330L
Impeller Type	Non-clog	Non-clog	Non-clog
Outlet size (mm)	100	150	250
Weight (kg)	300	314	420
Pole	2	4	6
Insulation Class	F	F	F
Starts per hour	15	15	15
Start method	DOL or optional YD		

Motor Data

	1330H/M			
Voltage (other voltages optional)	380	380	380	380
Phase	3	3	3	3
Rated Power (kW)	27	24	20	17
Rated current (A)	51	45	38	33
Full Load Power Factor	0.9	0.9	0.88	0.86
Starting current (A)	305	305	305	305
Connection	D	D	D	D

	1330L		
Voltage (other voltages optional)	380	380	380
Phase	3	3	3
Rated Power (kW)	18.6	17	15
Rated current (A)	38	35	31
Full Load Power Factor	0.86	0.85	0.83
Starting current (A)	213	213	213
Connection	D	D	D

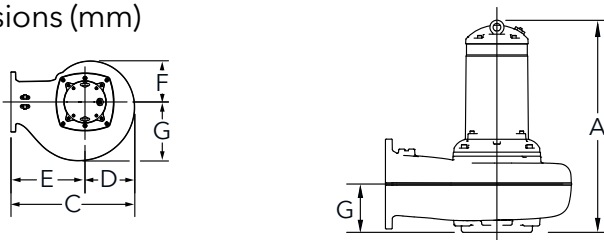
Material Data

Impeller	grey cast iron
Pump housing	grey cast iron
Stator housing	grey cast iron
Shaft	stainless steel
Inner mechanical seal	cemented carbide/cemented carbide
Outer mechanical seal	cemented carbide/cemented carbide
O-rings	nitrile
Cable sheathing	nitrile

Process Data

Max submergence	20 m (IP68)
Max fluid temp	40 C
pH range of pumped liquid	5,5 - 14

Pump dimensions (mm)



	1330S	1330H/M	1330L
A	813	845	952
B	596	633	837
C	236	253	337
D	360	380	500
E	220	224	278
F	255	284	399
G	115	137	217

Installation kit selection table*

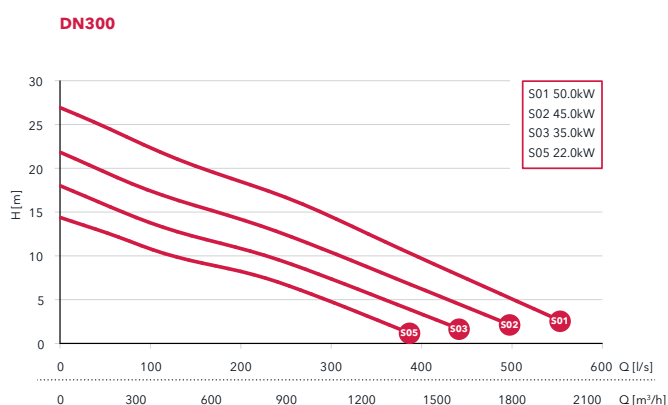
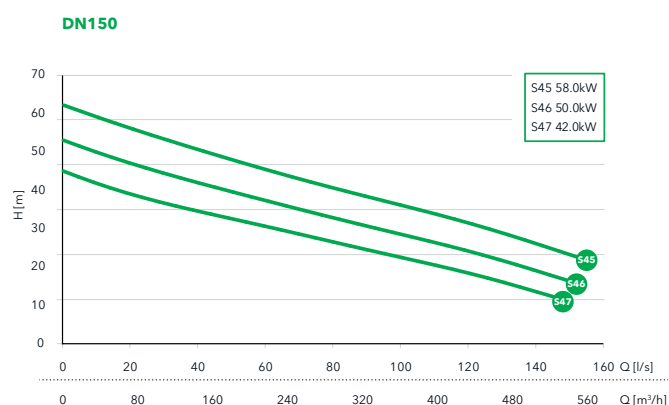
DN	Wet well	Replacement
100	1330-100W	1330-100R
150	1330-150W	1330-150R
250	1330-250W	1330-250R

* For more information, see page 6.

Steady® 1335 Non-clog



Performance curves



Selection table

Model	DN	Installation*	Pole	Freq (Hz)	Phase	Leakage detector	Rated Power	Curve no	Voltage	Cable	Order number**
1335H	150	X	4	60	3	D	[see chart]	S45, S46, S47	380	10, 20	1335H-150X.463-...-/-
1335L	300	X	6	60	3	D	[see chart]	S01, S02, S03, S05	380	10, 20	1335L-300X.663-...-/-

* X=Bare pump.

** For information on configuring the right order number, see page 7. Pumps come standard with thermal switches.

Pump Data

Model	1335H	1335L
Impeller Type	Non-clog	Non-clog
Outlet size (mm)	150	300
Weight (kg)	580	760
Pole	4	6
Insulation Class	F	F
Starts per hour	15	15
Start method	DOL or optional YD	

Motor Data

	1335H/M		
Voltage (other voltages optional)	380	380	380
Phase	3	3	3
Rated Power (kW)	58	50	42
Rated current (A)	105	90	76
Full Load Power Factor	0.92	0.92	0.91
Starting current (A)	550	550	550
Connection	D	D	D

	1335L		
	380	380	380
	3	3	3
	50	45	35
	98	89	72
	0.86	0.84	0.81
	550	550	550
	D	D	D

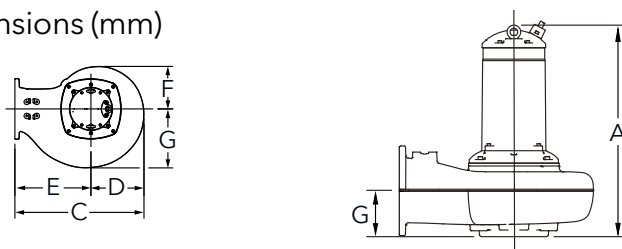
Material Data

Impeller	grey cast iron
Pump housing	grey cast iron
Stator housing	grey cast iron
Shaft	stainless steel
Inner mechanical seal	cemented carbide/cemented carbide
Outer mechanical seal	cemented carbide/cemented carbide
O-rings	nitrile
Cable sheathing	nitrile

Process Data

Max submergence	20 m (IP68)
Max fluid temp	40 C
pH range of pumped liquid	5,5 - 14

Pump dimensions (mm)



	1335H	1335L
A	988	1108
B	733	1018
C	283	418
D	450	600
E	263	335
F	306	465
G	150	243

Installation kit selection table*

DN	Wet well	Replacement
150	1335-150W	1335-150R
200	1335-200W	1335-200R
300	1335-300W	1335-300R

* For more information, see page 6.

Right pump for your needs



Steady 1305 Non-clog

- Maximum flow 13 l/s
- Maximum pressure 14 m
- Motor Rating 0.85 - 1.3 kW
- Outlet 50 mm
- Weight 30 kg



Steady 1305 Vortex

- Maximum flow 10 l/s
- Maximum pressure 8 m
- Motor Rating 0.75 - 1.2 kW
- Outlet 50 mm
- Weight 30 kg



Steady 1310 Non-clog

- Maximum flow 18 l/s
- Maximum pressure 27 m
- Motor Rating 1.8 - 2.8 kW
- Outlet 50 - 80 mm
- Weight 46 kg



Steady 1310 Vortex

- Maximum flow 17 l/s
- Maximum pressure 19 m
- Motor Rating 1.2 - 2.8 kW
- Outlet 50 - 80 mm
- Weight 46 kg



Steady 1315 Non-clog

- Maximum flow 55 l/s
- Maximum pressure 32 m
- Motor Rating 2.5 - 4.8 kW
- Outlet 80 - 100 mm
- Weight 95 kg



Steady 1315 Vortex

- Maximum flow 42 l/s
- Maximum pressure 18 m
- Motor Rating 2.5 - 4.8 kW
- Outlet 80 - 100 mm
- Weight 95 kg



Steady 1320 Non-clog

- Maximum flow 77 l/s
- Maximum pressure 46 m
- Motor Rating 3.5 - 8.2 kW
- Outlet 80 - 100 mm
- Weight 130 - 156 kg



Steady 1320 Vortex

- Maximum flow 57 l/s
- Maximum pressure 26 m
- Motor Rating 3.5 - 8.2 kW
- Outlet 80 - 100 mm
- Weight 140 - 156 kg



Steady 1325 Non-clog

- Maximum flow 124 l/s
- Maximum pressure 48 m
- Motor Rating 10 - 20 kW
- Outlet 80 - 150 mm
- Weight 170 - 190 kg



Steady 1330 Non-clog

- Maximum flow 263 l/s
- Maximum pressure 35 m
- Motor Rating 15 - 27 kW
- Outlet 100 - 250 mm
- Weight 300 - 420 kg



Steady 1335 Non-clog

- Maximum flow 542 l/s
- Maximum pressure 62 m
- Motor Rating 22 - 58 kW
- Outlet 150 - 300 mm
- Weight 580 - 760 kg



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