



# Pure performance

STEADY™ 1300 SERIES

***Steady***<sup>™</sup>  
a **xylem** brand

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# Available

EASY TO SELECT, QUICK DELIVERY, THE RIGHT PUMP FOR YOUR NEEDS

# Outstanding Value

**EFFICIENT, POWERFUL**

# Reliable

**SOLIDS HANDLING, CONTINUOUS RUNNING**

# Readily available pure performance pumps

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

Combining performance and quality in a convenient, economic package, the Steady 1300 series ensures the smooth running and profitability of your operation. Which is why Steady is the ideal pump for sewage and surface wastewater within municipal applications.

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

The Steady 1300 series is based on technology developed and tested in tough environments throughout the world. 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 Outstanding Value 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 an air-filled 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 life-time. Additionally, the pumps can handle 15 starts per hour without problem.

These pumps are available as standard with ANSI flanges for simple installation. Permanent kits are available.

## Application areas

### **Municipal:**

- Domestic sewage pumping stations
- Wastewater pumping stations
- Retention basins
- Storm water pumping stations



# Tough to beat

## **Robust**

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

## **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.

## **Environmentally friendly**

Cooling system is designed to use the surrounding media to cool the pump, rather than environmentally hazardous fluids.

## **Safe and straightforward**

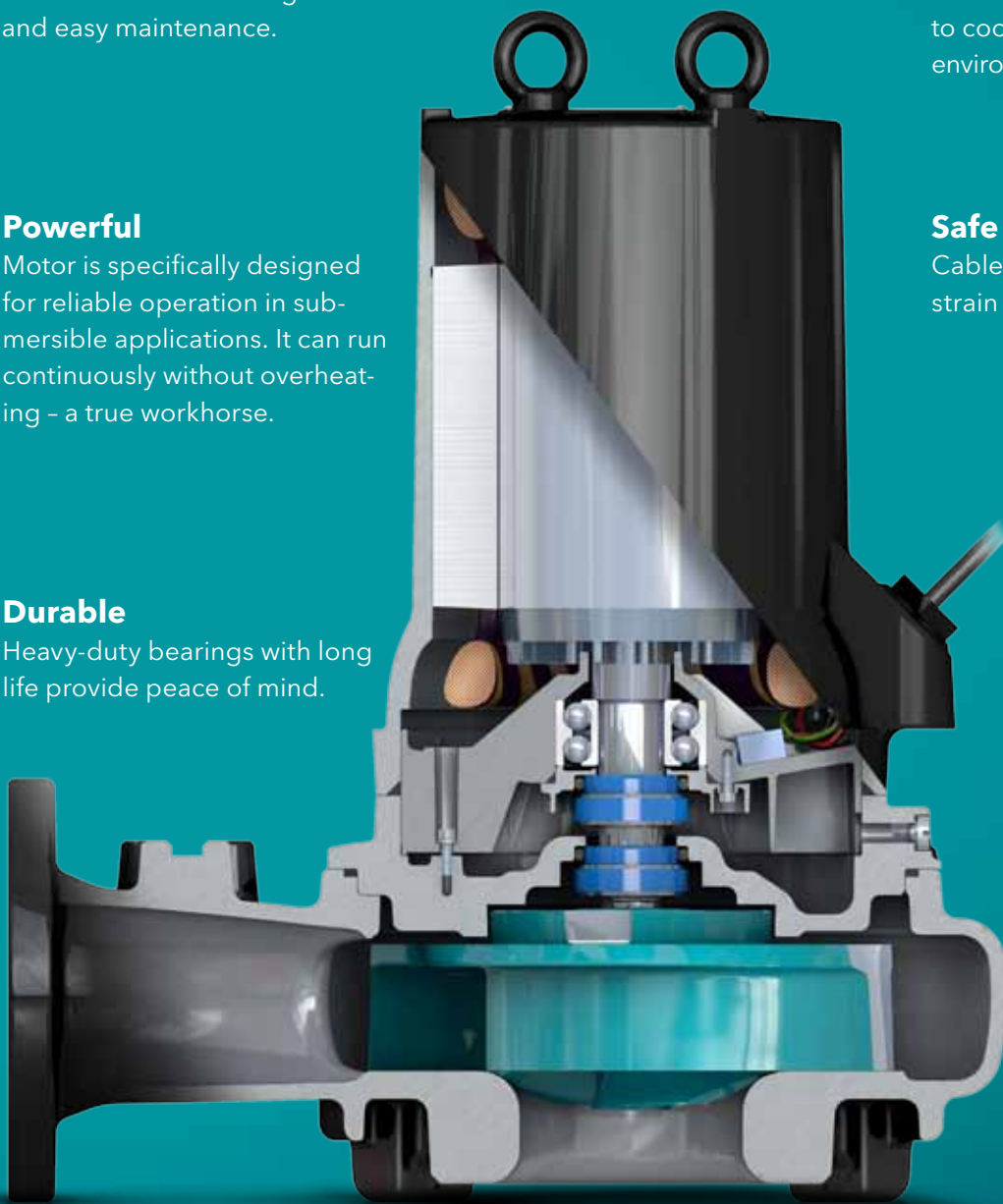
Cable entry prevents both cable strain and leakage.

## **Smooth**

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

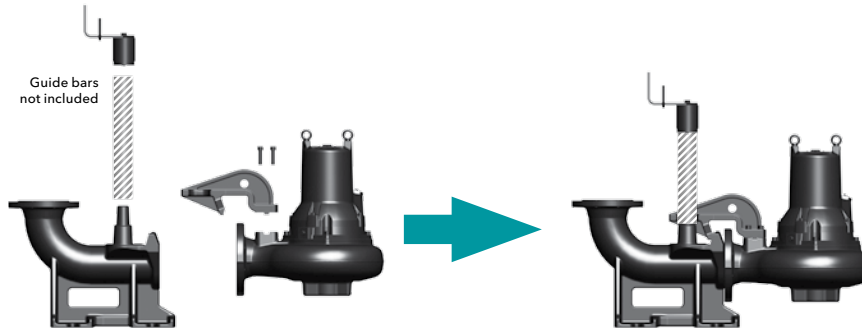
## **Flexible**

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 basic pump and order the right kit depending on your desired installation method.

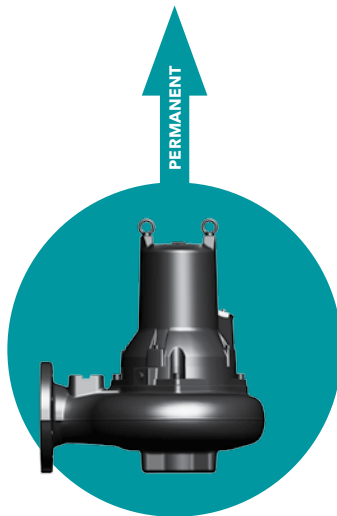


## Wet-well kit

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

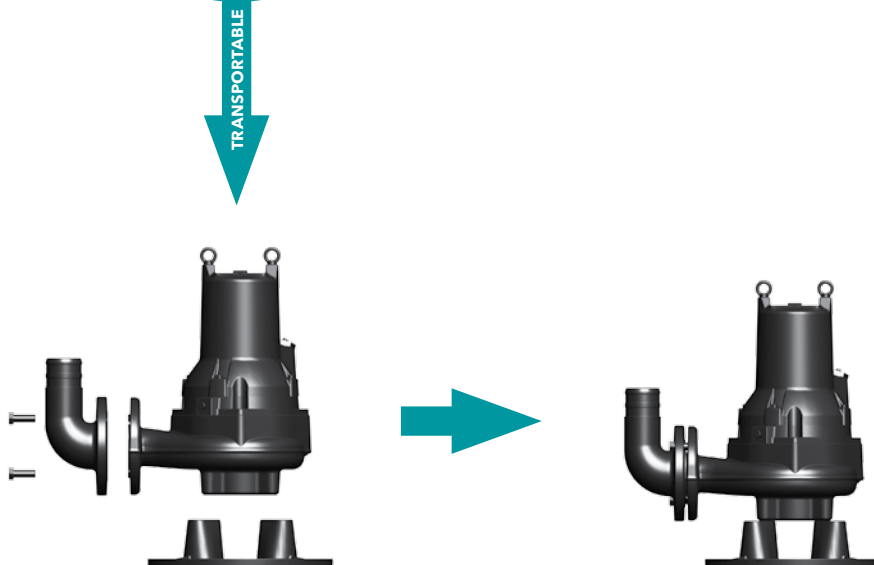


## Replacement kit

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 the 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, inch)      Pole      Frequency (5=50, 6=60) Phase

1320M-4X.463.---.---/-

Selected model      A      B      C      D

The image shows a product page for the Steady 1320 Non-clog pump. It includes a photograph of the pump, performance curves, pump dimensions, and several selection tables. Four callouts highlight key selection points: A (Installation code), B (Curve ID), C (Voltage), and D (Cable length).

**Steady 1320 Non-clog**

**Performance curves**

**Pump dimensions (mm)**

**Selection table**

Model	Outlet dimension (mm)	Outlet dimension (inch)	Current (A)	Voltage (V)	Cable length (m)
1320M	40	1.5	875, 1315	230, 400	70, 150
1320M	50	2	985, 1485	230, 400	70, 150
1320M	60	2.5	1095, 1595	230, 400	70, 150

**Installation kit selection table\***

Kit	Free-standing	Wall wall
1320	Included	1320-MSP
1320M	Included	1320-MSP

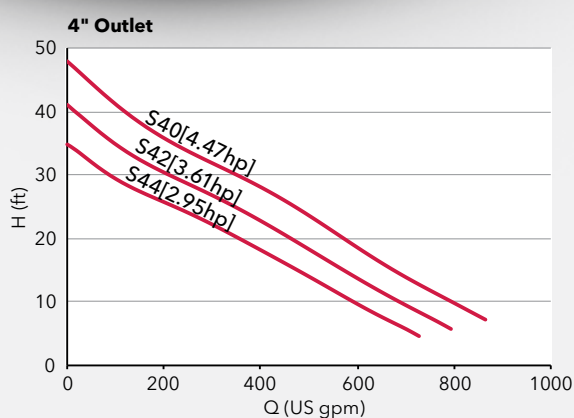
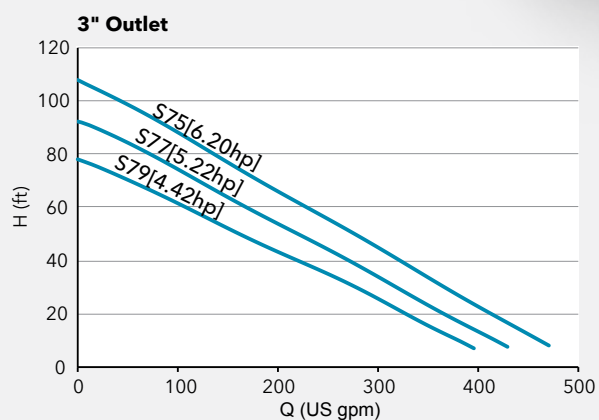
3

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™ 1315 Non-clog



Performance curves



Selection table\*

Model	Outl (in)	Installation	Pole	Freq (Hz)	Phase	Max shaft Power	Curve ID	Voltage	Cable (ft)	Order number*
1315S	3	X	2	60	1	[see chart]	S77, S79	208, 230	50	1315S-3X.261.---/50
1315S	3	X	2	60	3	[see chart]	S75, S77, S79	200, 230, 460	50	1315S-3X.263.---/50
1315M	4	X	4	60	1	[see chart]	S42, S44	208, 230	50	1315M-4X.461.---/50
1315M	4	X	4	60	3	[see chart]	S40, S42, S44	200, 230, 460	50	1315M-4X.463.---/50

\* For information on configuring the right order number, see page 7



## Pump data

Model	1315S	1315M
Impeller type	Non-clog	Non-clog
Outlet size (inch)	3	4
Weight (lbs), with stand	210, 241	265
Pole	2	4
Insulation Class	F	F
Starts per hour	15	15

## Motor data

Voltage	208 V	230 V	200 V	230 V	460 V
Phase	1   1	1   1	3   3	3   3	3   3
Model	1315S   1315M	1315S   1315M	1315S   1315M	1315S   1315M	1315S   1315M
Starting amps (A)	105   83	96   77	127   83	109   67	54   34
Full load (A)	24   19	22   17	18   16	16   14	8.0   6.9
Cable	4G2.5+2x1.5	4G2.5+2x1.5	4G2.5+2x1.5	4G2.5+2x1.5	4G2.5+2x1.5
Connection	-	-	D	Y//	YSER
Starting method	DOL	DOL	DOL or YD	DOL	DOL

## Material data

Impeller	grey cast iron ASTM A48 No. 30B
Pump housing	grey cast iron ASTM A48 No. 30B
Stator housing	grey cast iron ASTM A48 No. 30B
Shaft	stainless steel AISI420
Inner mechanical seal	carbon/aluminum oxide
Outer mechanical seal	tungsten carbide/aluminum oxide
O-rings	nitrile
Cable sheathing	nitrile

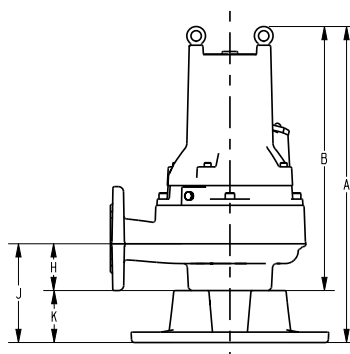
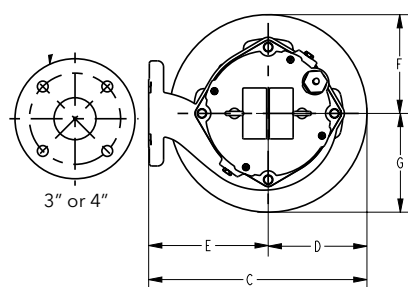
## Process data

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

## Power cable data

Cable type (mm <sup>2</sup> )	4G2.5 + 2x1.5
Diameter (inch)	0.71
Weight (lb/ft)	0.29

## Pump dimensions (inch)



	1315S	1310M
A	23.94	23.07
B	20.00	19.13
C	16.54	16.54
D	7.48	7.48
E	9.06	9.06

	1310S	1310M
F	7.48	7.48
G	7.48	7.48
H	3.54	3.54
J	7.48	7.48
K	3.94	3.94

## Installation kit selection table\*

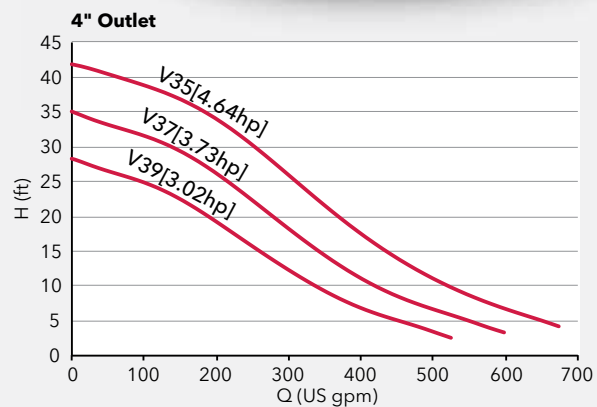
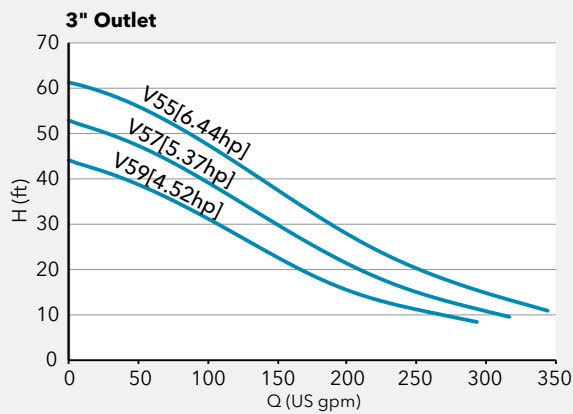
Outlet	Free-standing	Wet well	Replacement
3	1315-3S	1315-3P	1315-3R
4	1315-4S	1315-4P	1315-4R

\* For more information, see page 6

# Steady™ 1315 Vortex



Performance curves



Selection table\*

Model	Outl (in)	Installation	Pole	Freq (Hz)	Phase	Max shaft Power	Curve ID	Voltage	Cable (ft)	Order number*
1315H	3	X	2	60	1	[see chart]	V57, V59	208, 230	50	1315H-3X.261.---/50
1315H	3	X	2	60	3	[see chart]	V55, V57, V59	200, 230, 460	50	1315H-3X.263.---/50
1315M	4	X	4	60	1	[see chart]	V37, V39	208, 230	50	1315M-4X.461.---/50
1315M	4	X	4	60	3	[see chart]	V35, V37, V39	200, 230, 460	50	1315M-4X.463.---/50

\* For information on configuring the right order number, see page 7

## Pump data

Model	1315H	1315M
Impeller type	Vortex	Vortex
Outlet size (inch)	3	4
Weight (lbs), with stand	188, 219	210, 239
Pole	2	4
Insulation Class	F	F
Starts per hour	15	15

## Motor data

Voltage	208 V	230 V	200 V	230 V	460 V
Phase	1   1	1   1	3   3	3   3	3   3
Model	1315H   1315M	1315H   1315M	1315H   1315M	1315H   1315M	1315H   1315M
Starting amps (A)	105   83	96   77	127   83	109   67	54   34
Full load (A)	24   19	22   17	18   16	16   14	8.0   6.9
Cable	4G2.5+2x1.5	4G2.5+2x1.5	4G2.5+2x1.5	4G2.5+2x1.5	4G2.5+2x1.5
Connection	-	-	D	Y//	YSER
Starting method	DOL	DOL	DOL or YD	DOL	DOL

## Material data

Impeller	grey cast iron ASTM A48 No. 30B
Pump housing	grey cast iron ASTM A48 No. 30B
Stator housing	grey cast iron ASTM A48 No. 30B
Shaft	stainless steel AISI 420
Inner mechanical seal	carbon/aluminum oxide
Outer mechanical seal	tungsten carbide/aluminum oxide
O-rings	nitrile
Cable sheathing	nitrile

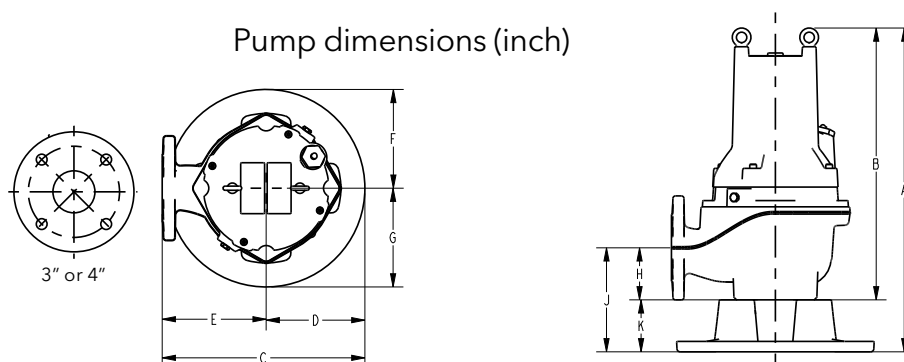
## Process data

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

## Power cable data

Cable type (mm <sup>2</sup> )	4G2.5 + 2x1.5
Diameter (inch)	0.71
Weight (lb/ft)	0.29

Pump dimensions (inch)



	1315H	1315M
A	24.53	24.53
B	20.59	20.59
C	15.35	15.35
D	7.48	7.48
E	7.87	7.87

	1315H	1315M
F	7.48	7.48
G	7.48	7.48
H	3.94	3.94
J	7.87	7.87
K	3.94	3.94

## Installation kit selection table\*

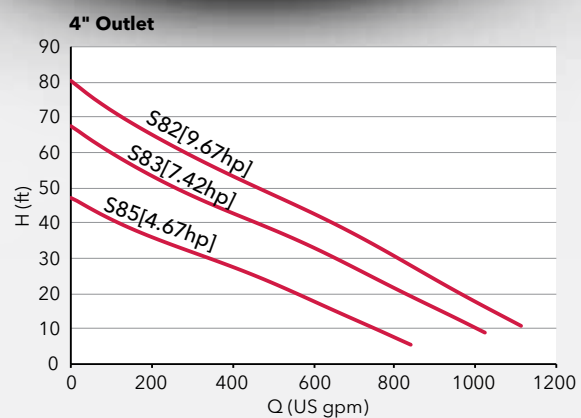
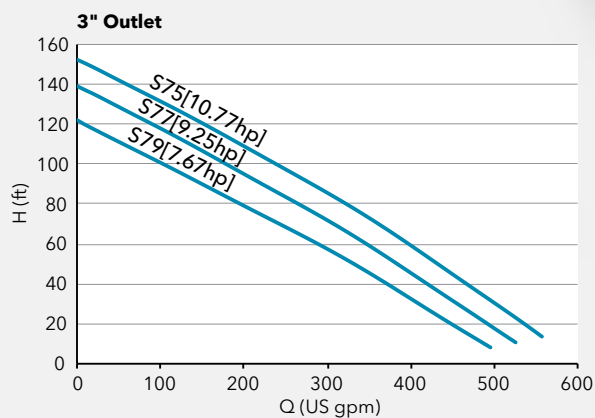
Outlet	Free-standing	Wet well	Replacement
3	1315-3S	1315-3P	1315-3R
4	1315-4S	1315-4P	1315-4R

\* For more information, see page 6

# Steady™ 1320 Non-clog



Performance curves



Selection table\*

Model	Outl (in)	Installation	Pole	Freq (Hz)	Phase	Max shaft Power	Curve ID	Voltage	Cable (ft)	Order number*
1320S	3	X	2	60	1	[see chart]	S77, S79	208, 230	50	1320S-3X.261.----/50
1320S	3	X	2	60	3	[see chart]	S75, S77, S79	200, 230, 460	50	1320S-3X.263.----/50
1320H	4	X	4	60	1	[see chart]	S83, S85	208, 230	50	1320H-4X.461.----/50
1320H	4	X	4	60	3	[see chart]	S82, S83, S85	200, 230, 460	50	1320H-4X.463.----/50

\* For information on configuring the right order number, see page 7

## Pump data

Model	1320S	1320H
Impeller type	Non-clog	Non-clog
Outlet size (inch)	3	4
Weight (lbs), with stand	309, 331	335
Pole	2	4
Insulation Class	F	F
Starts per hour	15	15

## Motor data

Voltage	208 V	230 V	200 V	230 V	460 V
Phase	1   1	1   1	3   3	3   3	3   3
Model	1320S   1320H	1320S   1320M	1320S   1320H	1320S   1320H	1320S   1320H
Starting amps (A)	169   123	138   107	250   157	224   136	112   68
Full load (A)	50   37	42   35	30   31	26   27	13   13
Cable	4G10+S(2x0.5)	4G10+S(2x0.5)	4G4+2x1.5	4G4+2x1.5	4G4+2x1.5
Connection	-	-	D	Y//	YSER
Starting method	DOL	DOL	DOL	DOL	DOL

## Material data

Impeller	grey cast iron ASTM A48 No. 30B
Pump housing	grey cast iron ASTM A48 No. 30B
Stator housing	grey cast iron ASTM A48 No. 30B
Shaft	stainless steel AISI 420
Inner mechanical seal	carbon/tungsten carbide
Outer mechanical seal	tungsten carbide/tungsten carbide
O-rings	nitrile
Cable sheathing	nitrile

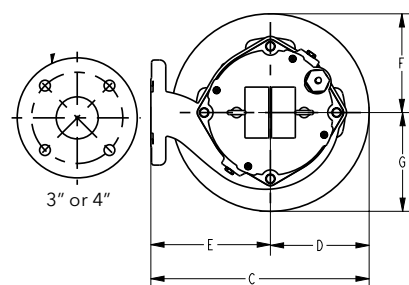
## Process data

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

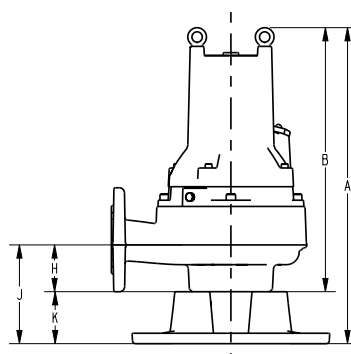
## Power cable data

Cable type (mm <sup>2</sup> )	4G10+S(2x0.5)	4G4+2x1.5
Diameter (inch)	1.03	0.87
Weight (lb/ft)	0.57	0.43

## Pump dimensions (inch)



	1320S	1320H
A	26.38	27.24
B	22.22	23.31
C	17.72	20.59
D	7.48	8.39
E	10.24	12.2



	1320S	1320H
F	7.48	7.64
G	7.48	9.13
H	3.54	4.61
J	7.48	8.54
K	3.94	3.94

## Installation kit selection table\*

Outlet	Free-standing	Wet well	Replacement
3	1320-3S	1320-3P	1320-3R
4	1320-4S	1320-4P	1320-4R

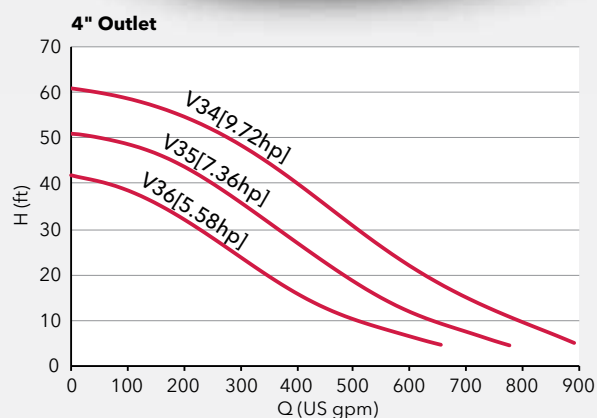
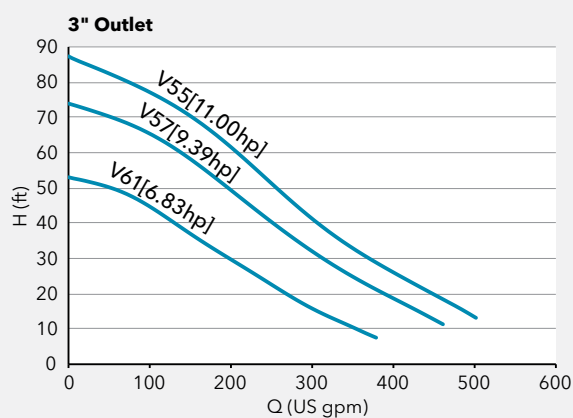
\* For more information, see page 6



# Steady™ 1320 Vortex



## Performance curves



## Selection table\*

Model	Outl (in)	Installation	Pole	Freq (Hz)	Phase	Max shaft Power	Curve ID	Voltage	Cable (ft)	Order number*
1320H	3	X	2	60	1	[see chart]	V57, V61	208, 230	50	1320H-3X.261.----/50
1320H	3	X	2	60	3	[see chart]	V55, V57, V61	200, 230, 460	50	1320H-3X.263.----/50
1320M	4	X	4	60	1	[see chart]	V35, V36	208, 230	50	1320M-4X.461.----/50
1320M	4	X	4	60	3	[see chart]	V34, V35, V36	200, 230, 460	50	1320M-4X.463.----/50

\* For information on configuring the right order number, see page 7

## Pump data

Model	1320H	1320M
Impeller type	Vortex	Vortex
Outlet size (inch)	3	4
Weight (lbs), with stand	287, 316	309, 338
Pole	2	4
Insulation Class	F	F
Starts per hour	15	15

## Motor data

Voltage	208 V	230 V	200 V	230 V	460 V
Phase	1   1	1   1	3   3	3   3	3   3
Model	1320H   1320M	1320H   1320M	1320H   1320M	1320H   1320M	1320H   1320M
Starting amps (A)	169   123	138   107	250   157	224   136	112   68
Full load (A)	50   37	42   35	30   31	26   27	13   13
Cable	4G10+S(2x0.5)	4G10+S(2x0.5)	4G4+2x1.5	4G4+2x1.5	4G4+2x1.5
Connection	-	-	D	D   Y//	YSER
Starting method	DOL	DOL	DOL	DOL	DOL

## Material data

Impeller	grey cast iron ASTM A48 No. 30B
Pump housing	grey cast iron ASTM A48 No. 30B
Stator housing	grey cast iron ASTM A48 No. 30B
Shaft	stainless steel AISI 420
Inner mechanical seal	carbon/tungsten carbide
Outer mechanical seal	tungsten carbide/tungsten carbide
O-rings	nitrile
Cable sheathing	nitrile

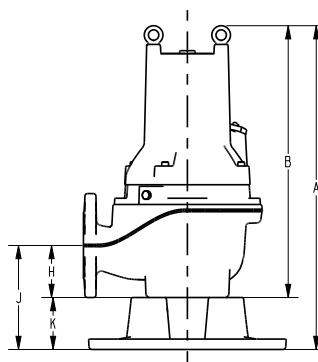
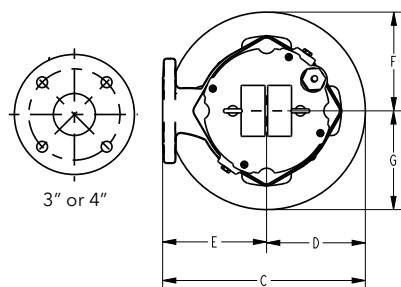
## Process data

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

## Power cable data

Cable type (mm <sup>2</sup> )	4G10+S(2x0.5)	4G4+2x1.5
Diameter (inch)	1.03	0.87
Weight (lb/ft)	0.57	0.43

## Pump dimensions (inches)



	1320H	1320M
A	27.95	30.47
B	24.02	26.54
C	15.75	17.13
D	7.48	7.48
E	8.27	9.65

	1320H	1320M
F	7.48	7.48
G	7.48	7.48
H	3.94	4.84
J	7.87	8.78
K	3.94	3.94

## Installation kit selection table\*

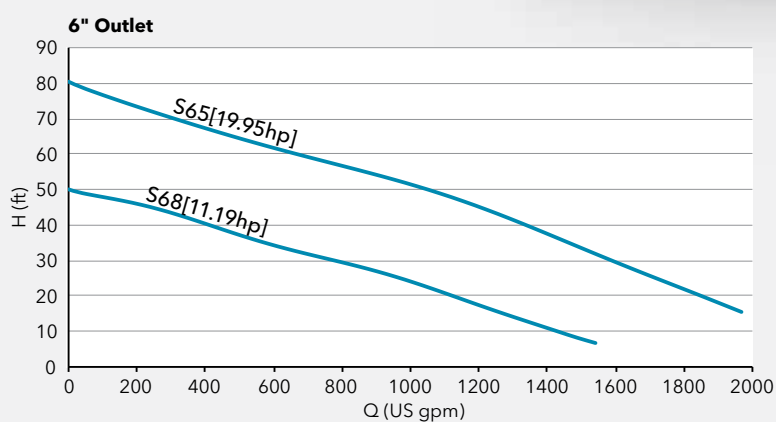
Outlet	Free-standing	Wet well	Replacement
3	1320-3S	1320-3P	1320-3R
4	1320-4S	1320-4P	1320-4R

\* For more information, see page 6

# Steady™ 1325 Non-clog



Performance curves



Selection table\*

Model	Outl (in)	Installation	Pole	Freq (Hz)	Phase	Max shaft Power	Curve ID	Voltage	Cable (ft)	Order number*
1325M <span style="color: #0070C0;">●</span>	6	X	4	60	3	[see chart]	S65, S68	200, 230, 460	50	1325M-6X.463.----/50

\* For information on configuring the right order number, see page 7

## Pump data

Model	1325M
Impeller type	Non-clog
Outlet size (inch)	6
Weight (lbs), with stand	440, 471
Pole	2
Insulation Class	F
Starts per hour	15

## Motor data

Voltage	200 V	230 V	460 V
Phase	3	3	3
Model	1325M	1325M	1325M
Starting amps (A)	330	296	148
Full load (A)	59	52	26
Cable	4G10+S(2x0.5)	4G10+S(2x0.5)	4G10+S(2x0.5)
Connection	D	Y//	YSER
Starting method	DOL	DOL	DOL

## Material data

Impeller	grey cast iron ASTM A48 No. 30B
Pump housing	grey cast iron ASTM A48 No. 30B
Stator housing	grey cast iron ASTM A48 No. 30B
Shaft	stainless steel AISI 420
Inner mechanical seal	carbon/aluminum oxide
Outer mechanical seal	tungsten carbide/aluminum oxide
O-rings	nitrile
Cable sheathing	nitrile

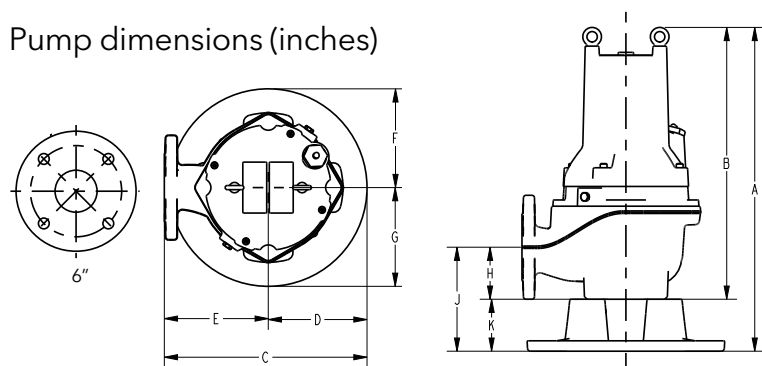
## Process data

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

## Power cable data

Cable type (mm <sup>2</sup> )	4G10+S(2x0.5)
Diameter (inch)	1.03
Weight (lb/ft)	0.57

## Pump dimensions (inches)



	1325M
A	29.49
B	25.94
C	21.65
D	8.66
E	12.99

	1325M
F	7.48
G	10.2
H	5.39
J	8.94
K	3.94

## Installation kit selection table\*

Outlet	Free-standing	Wet well	Replacement
4	1325-4S	1325-4P	1325-4R
6	1325-6S	1325-6P	1325-6R

\* For more information, see page 6

# Maintenance & repair

Prolong the lifetime of your Steady pump by utilizing our maintenance and repair kits. We have packaged everything you need into kits, making it even easier for you to overhaul the motor, replace a cable or impeller.



## **Steady cable kit**

The cable and cable entry are crucial components to keep the motor running and free of water. The Steady cable kit provides all parts needed to replace a cable and make the job as easy as possible.

Kit contents:

- Cable
- Cable sleeve unit
- Cable end-splice and lug



## **Steady motor kit**

The Steady Motor kit contains all the critical parts needed to perform an overhaul of the motor.

Kit contents:

- Bearings
- Mechanical seals
- O-rings



## **Steady impeller kit**

It is important that the impeller is in good condition to ensure reliability and good performance. The Steady impeller kit contains all parts needed to replace an impeller, including the adjustable sleeve, making it easy to mount the impeller in the optimal position.

Kit contents:

- Impeller
- Impeller sleeve/ key
- Screw and washer





# Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're 12,000 people unified in a common purpose: creating innovative solutions to meet our world's water needs. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories and farms. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise, backed by a legacy of innovation.

For more information on how Xylem can help you, go to [www.xyleminc.com](http://www.xyleminc.com)

## ***Steady***



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