



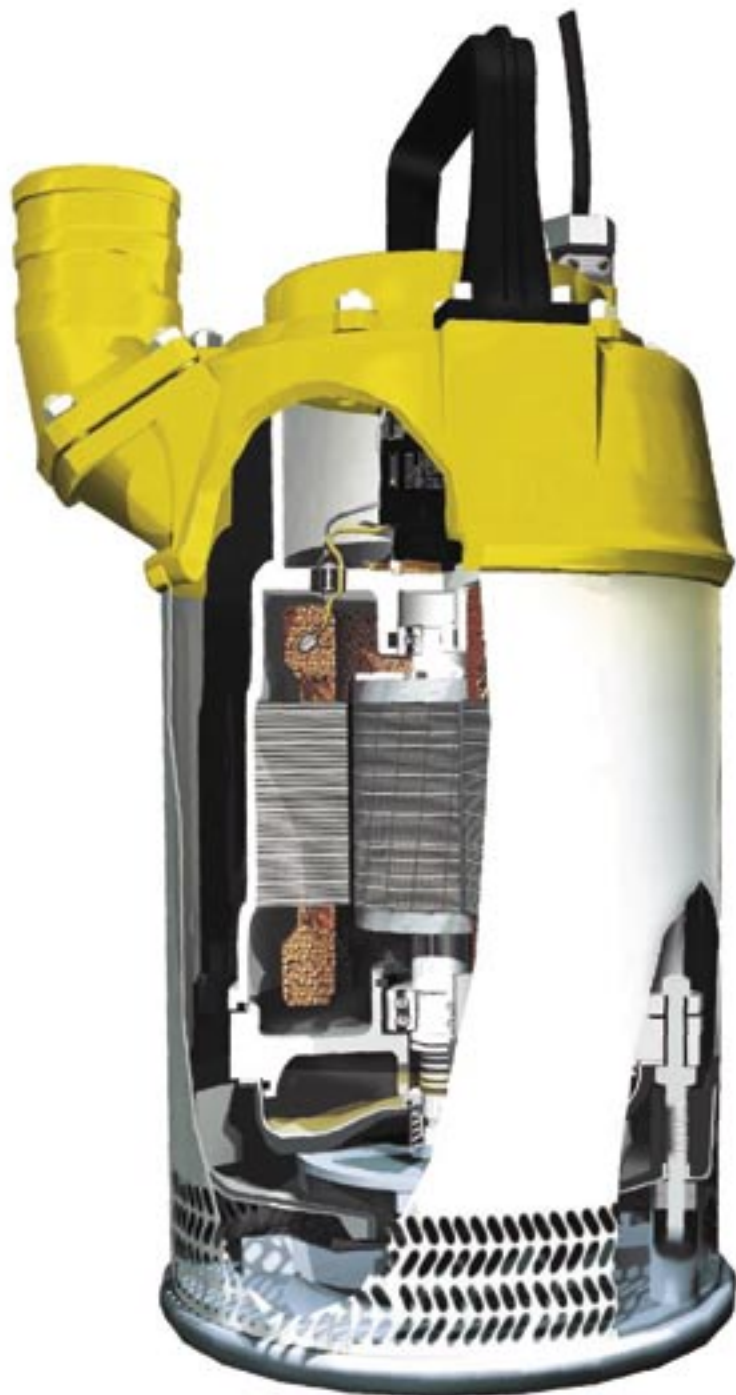
SUBMERSIBLE DRAINAGE PUMPS



AmeriPumps

PUMPEX

PUMPEX P 601 - 3001, PX 12 - 30, PC 1001 - 3001



No suction lift limitations

Pumpex drainage pumps are submersible to 65 ft depth and have no suction lift limitations. This is superior to self-priming pumps due to the fact that the pump is installed in the pit; the pump does not need to be moved with varying water levels, there are no suction hoses, and there are no vacuum priming issues.

High reliability

Double mechanical shaft seal in oil bath (silicon carbide on silicon carbide in the primary seal) for long life. Rigid stainless steel shaft with lower double angular contact ball bearings for vibration-free operation. Large strainer area minimizes the risk of clogging.

Trouble free and safe handling

Pumpex drainage pumps are equipped for immediate use. The low weight, encapsulated motor and no external moving parts makes installation and operation easy and safe.

High wear resistance

Impeller in high chrome alloy steel with a hardness of 60 Rc. Adjustable wear parts covered with oil resistant nitrile rubber to secure a long lifetime with high efficiency. For extreme conditions choose Pumpex exclusive **Enduro Lining™** polyurethane coated wear parts.

Plug-in start with motor protection

Built-in contactor, capacitor (Single Phase) and thermal protectors in the stator windings protects the motor and features an automatic restart function.

High flexibility

The pump can operate in every position, vertical, horizontal or even upside down. The pump can easily be converted between standard, high head or high volume versions.

Corrosion resistant

Outer casing, rotor shaft and hardware are made of stainless steel.

Can run dry

Double outer casing and good heat convection make it possible to run the pump dry or in a snore condition.

Easy service and maintenance

Common philosophy through the complete range with modular design and interchangeable spare parts. (For example identical shaft seals for P 601/P 801, P 1001-P 3001, PX 12/PX 22)

- Easy access to separate sealed electrical junction box.
- Easy to adjust or replace hydraulic wear parts.

Environmentally safe

The oil housing is filled with environmentally safe white oil. Non toxic coatings are used.

1.5 - 2.0 HP

PUMPEX P 601



P 601 W *)
 Rating (HP):
 Voltage (V):
 Full Load (A):

Single Phase
 1.5
 Dual 115/230
 13.0/6.5

P 601 N *)
 Rating (HP):
 Voltage (V):
 Full Load (A):

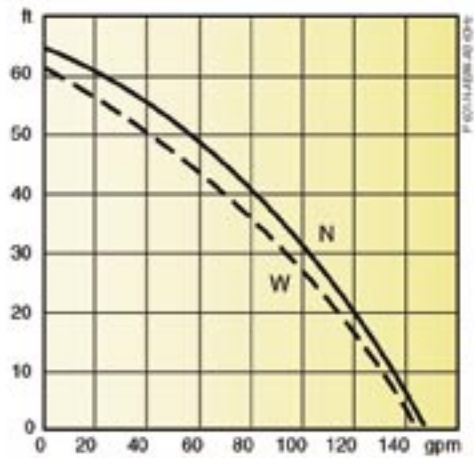
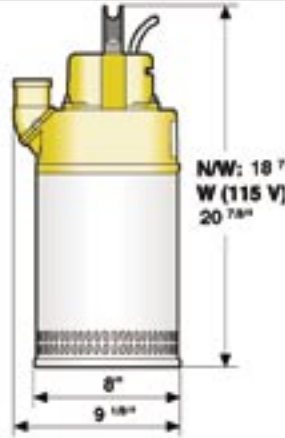
Std. version, Three Phase
 1.5
 Dual 230/460 or 575
 4.4/2.2 or 1.8

Speed:
 Power cable:
 Discharge connection:

3400 rpm
 65 ft
 NPT 2" (standard), 3"
 Plain 1½", 2", 2½", 3"

Weight (excl. cable):
 Strainer size:

35 lb
 1/4" x 5/8"



*) Built in float switch available as option.

PUMPEX P 801



P 801 W *)
 Rating (HP):
 Voltage (V):
 Full Load (A):

Single Phase
 2.0
 230
 8.9

P 801 N *)
 Rating (HP):
 Voltage (V):
 Full Load (A):

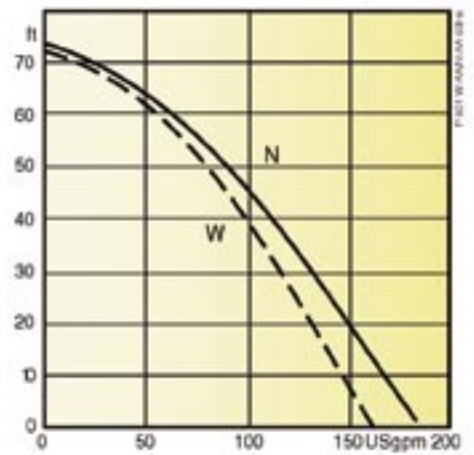
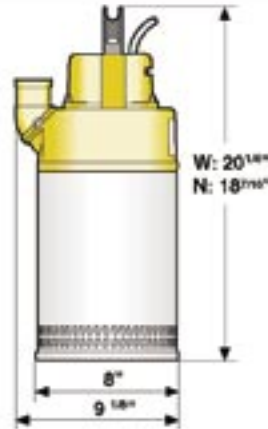
Std. version, Three Phase
 2.0
 Dual 230/460 or 575
 5.4/2.7 or 2.2

Speed:
 Power cable:
 Discharge connection:

3400 rpm
 65 ft
 NPT 2" (standard), 3"
 Plain 1½", 2", 2½", 3"

Weight (excl. cable):
 Strainer size:

W: 40 lb, N: 36 lb
 1/4" x 5/8"



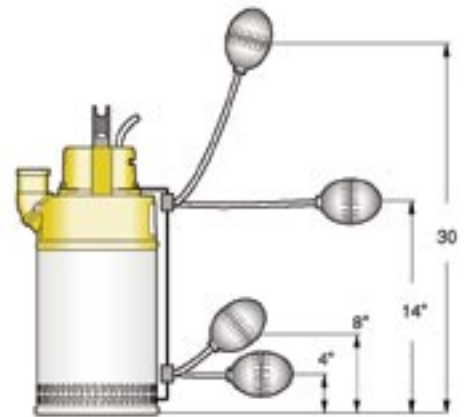
*) Built in float switch available as option.

PUMPEX P 601, P 801

Pump with built in float switch.

P 601 115/230V, P 801 230V single phase and P 601, P 801 230/460V three phase are available with built in float switch when automatic start and stop is required.

A typical installation for automatic level control is in narrow sumps where the level of the sump is changing quickly.



Submersible drainage pumps certified according to EPD®

Environmental Product Declaration

Certified Environmental Product Declaration, EPD, is a new system to present a products environmental impact during its entire life cycle. All the environmental product declarations are based on product specific life cycle analyses, conducted in accordance with the ISO14040-series.

Reduce the Environmental Impact (LCA):

- 1) Select the right size pump for the application.
- 2) Use at optimum efficiency.
- 3) Keep a high degree of efficiency by replacing wear parts.



Environmental Product Declaration
 Certified by SEMKO-DEKRA

2.6 - 15.0 HP

PUMPEX P 1001



P 1001 W

Rating (HP): 2.6
Voltage (V): 230
Full Load (A): 13.4

Single Phase

2.6
230
13.4

P 1001 N

Rating (HP): 3.8
Voltage (V): Dual 230/460 or 575
Full Load (A): 10.4/5.2 or 4.2

Std. version, Three Phase High head, Three Phase

3.8
Dual 230/460 or 575
10.4/5.2 or 4.2
3400 rpm

Speed: 3400 rpm

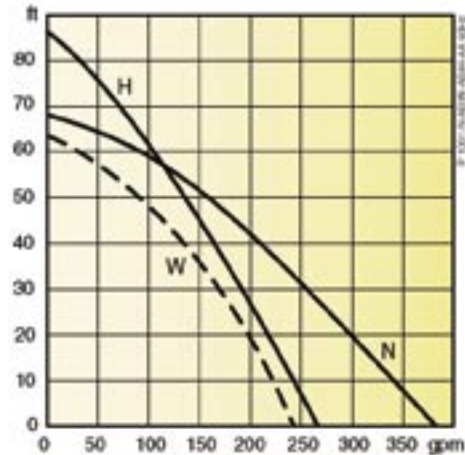
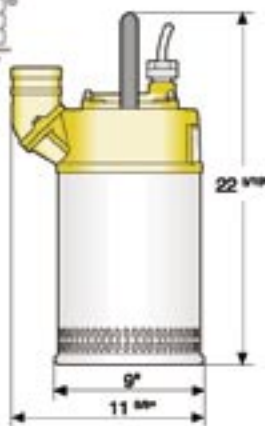
Power cable: 65 ft

Discharge connection: NPT 3" (standard), 4"

Plain 2½", 3", 4"

Weight (excl. cable): 60 lb

Strainer size: 5/16" x 11/16"



^{*)}Enduro Lining™ available as option (N+H)

PUMPEX P 1501



P 1501 N

Rating (HP): 6.0
Voltage (V): Dual 230/460 or 575
Full Load (A): 14.4/7.2 or 5.8

Std. version, Three Phase High head, Three Phase

6.0
Dual 230/460 or 575
14.4/7.2 or 5.8
3400 rpm

Speed: 3400 rpm

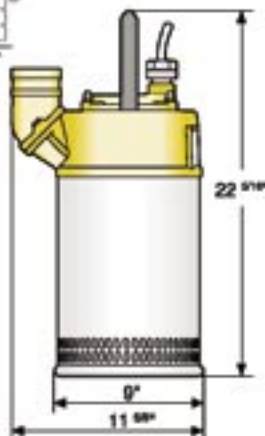
Power cable: 65 ft

Discharge connection: NPT 3" (standard), 4"

Plain 2½", 3", 4"

Weight (excl. cable): 79 lb

Strainer size: 5/16" x 11/16"



^{*)}Enduro Lining™ available as option (N+H)

PUMPEX P 2001



P 2001 N, [WN]

P 2001 H, [WH]

P 2001 V

Rating (HP): 9.0 [5.6]
Voltage (V): Dual 230/460 or 575 [230]
Full Load (A): 22.0/11.0 or 8.8 [25.0]

Std. version, Three Phase [1-]

High head, Three Phase [1-]

Low head, Three Phase

9.0 [5.6]
Dual 230/460 or 575 [230]
22.0/11.0 or 8.8 [25.0]
3400 rpm

Speed: 3400 rpm

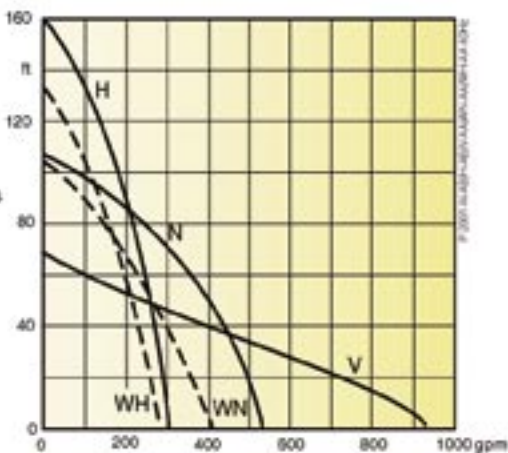
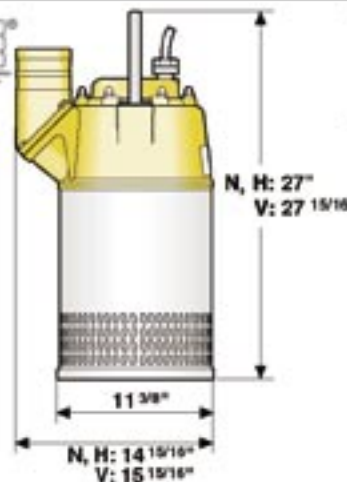
Power cable: 65 ft

Discharge connection: NPT 3" (std H), 4" (std N), 6" (std V)

Plain 3", 4", 6"

Weight (excl. cable): 110 lb

Strainer size: 5/16" x 11/16"



Bottom plate on P 2001V:



^{*)}Enduro Lining™ available as option (N+H)

PUMPEX P 3001



P 3001 N

P 3001 H

P 3001 V

Rating (HP): 15.0
Voltage (V): Dual 230/460 or 575
Full Load (A): 34.0/17.0 or 13.5

Std. version, Three Phase

High head, Three Phase

High volume, Three Phase

15.0
Dual 230/460 or 575
34.0/17.0 or 13.5
3400 rpm

Speed: 3400 rpm

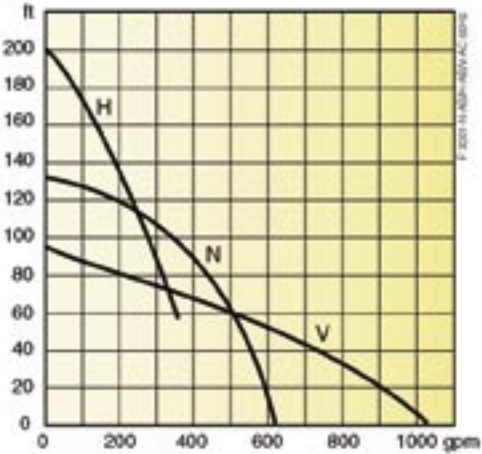
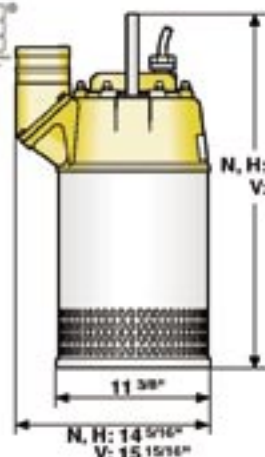
Power cable: 65 ft

Discharge connection: NPT 3" (std H), 4" (std N), 6" (std V)

Plain 3", 4", 6"

Weight (excl. cable): 154 lb

Strainer size: 5/16" x 11/16"



Bottom plate on P 3001V:



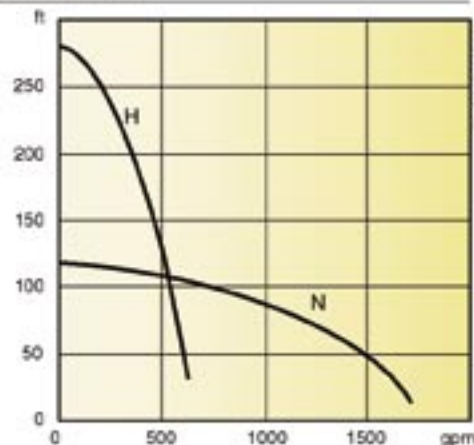
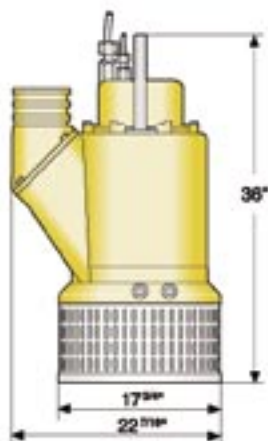
^{*)}Enduro Lining™ available as option (N+H)

34.0 - 94.0 HP and Slimline 3.8 HP

PUMPEX PX 12

ENDURO LINING^{*)}

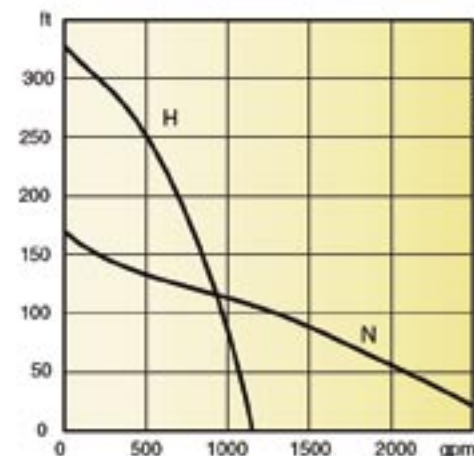
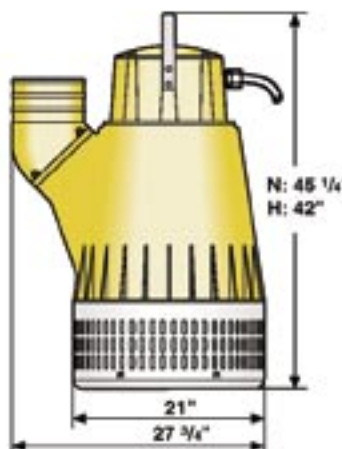
PX 12 N
PX 12 H
 Rating (HP): 34.0
 Voltage (V): Dual 230/460 or 575
 Full Load (A): 82.0/41.0 or 38.0
 Speed: 3500 rpm
 Power cable: 65 ft
 Discharge connection: NPT 4" (std H), 6" (std N), 8" Plain 4", 6", 8"
 Weight (excl. cable): 342 lb
 Strainer size: 5/16" x 1 5/16"



^{*)} Enduro Lining™ available as option (H)

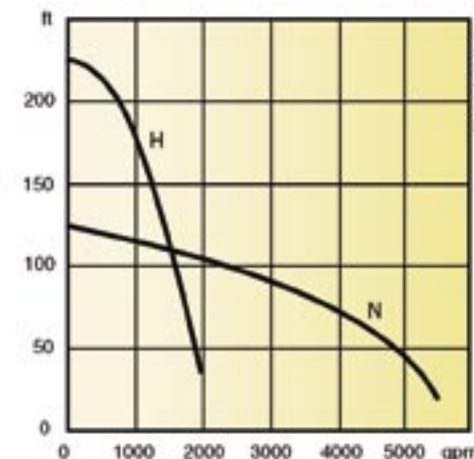
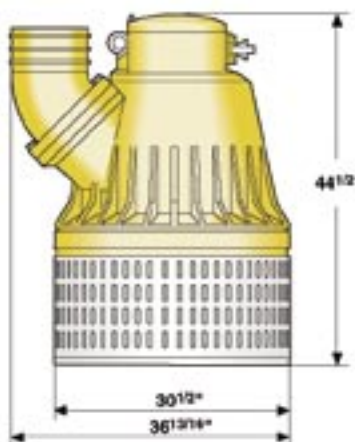
PUMPEX PX 22

PX 22 N
PX 22 H
 Rating (HP): 55.0
 Voltage (V): Dual 230/460 or 575
 Full Load (A): 132.0/66.0 or 53.0
 Speed: 3450 rpm
 Power cable: 65 ft
 Discharge connection: NPT 4" (std H), 6", 8" (std N) Plain 4", 6", 8"
 Weight (excl. cable): 595 lb
 Strainer size: 5/16" x 1 5/16"



PUMPEX PX 30

PX 30 N
PX 30 H
 Rating (HP): 94.0
 Voltage (V): Dual 230/460 or 575
 Full Load (A): 226.0/113.0 or 91.0
 Speed: 1730 rpm
 Power cable: 65 ft
 Discharge connection: NPT 6" (std H), 8" (std N), 10" Plain 6", 8", 10"
 Weight (excl. cable): 1157 lb
 Strainer size: 1/2" x 2 3/8"

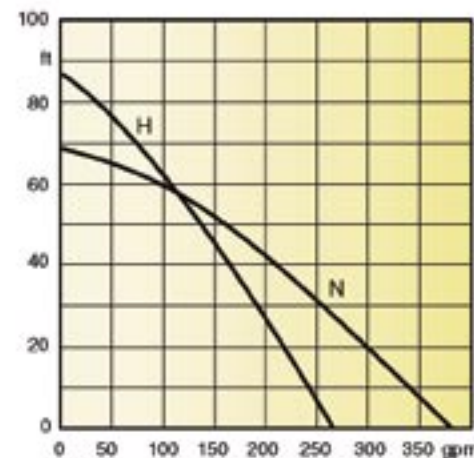
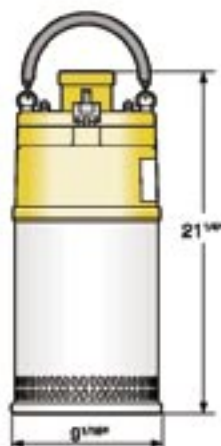


Slimline

PUMPEX PC 1001

ENDURO LINING^{*)}

PC 1001 N
PC 1001 H
 Rating (HP): 3.8
 Voltage (V): Dual 230/460 or 575
 Full Load (A): 10.4/5.2 or 4.2
 Speed: 3400 rpm
 Power cable: 65 ft
 Discharge connection: NPT 3"
 Weight (excl. cable): 60 lb
 Strainer size: 5/16" x 11/16"

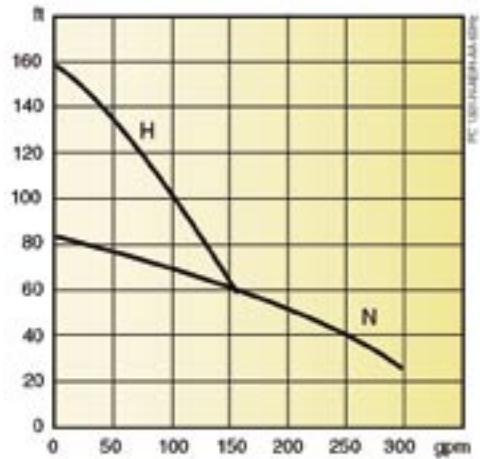


^{*)} Enduro Lining™ available as option (N+H)

Slimline 6.0 - 15.0 HP

PUMPEX PC 1301

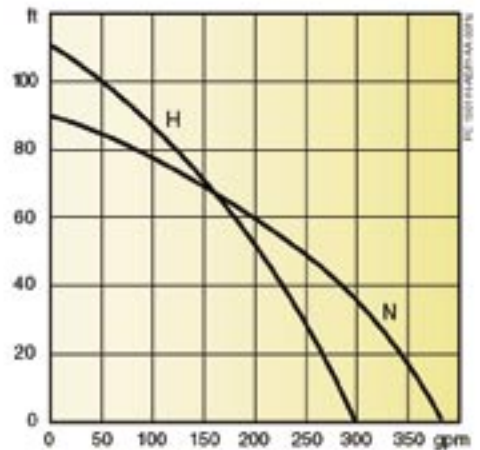
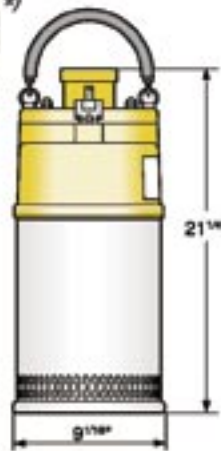
PC 1301 N	Std. version, Three Phase
PC 1301 H	High head, Three Phase
Rating (HP):	6.0
Voltage (V):	Dual 230/460 or 575
Full Load (A):	16.0/8.0 or 6.4
Speed:	3400 rpm
Power cable:	65 ft
Discharge connection:	NPT 2" (std H), 3" (std N) Plain 2", 3"
Weight (excl. cable):	68 lb
Strainer size:	5/16" x 1 5/16"



PUMPEX PC 1501

ENDURO LINING

PC 1501 N	Std. version, Three Phase
PC 1501 H	High head, Three Phase
Rating (HP):	6.0
Voltage (V):	Dual 230/460 or 575
Full Load (A):	14.4/7.2 or 5.8
Speed:	3400 rpm
Power cable:	65 ft
Discharge connection:	NPT 3"
Weight (excl. cable):	79 lb
Strainer size:	5/16" x 1 1/16"

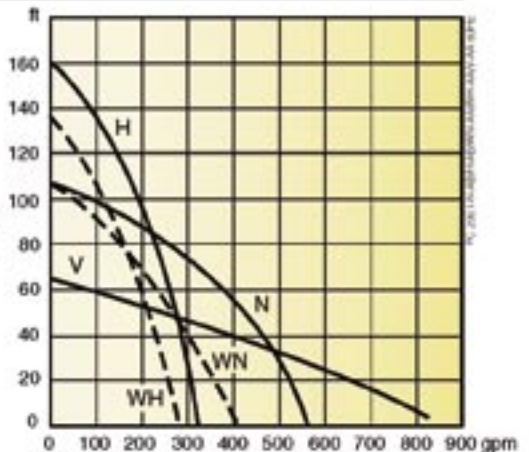


¹Enduro Lining™ available as option (N+H)

PUMPEX PC 2001

ENDURO LINING

P 2001 N, [WN]	Std. version, 3- [1-]
P 2001 H, [WH]	High head, 3- [1-]
P 2001 V	Low head, 3-
Rating (HP):	9.0 [5.6]
Voltage (V):	Dual 230/460 or 575 [230]
Full Load (A):	22.0/11.0 or 8.8 [25]
Speed:	3400 rpm [3310]
Power cable:	65 ft
Discharge connection:	NPT 3" (std H), 4" (std N, V)
Weight (excl. cable):	110 lb
Strainer size:	5/16" x 1 1/16"



Bottom plate on PC 2001V:

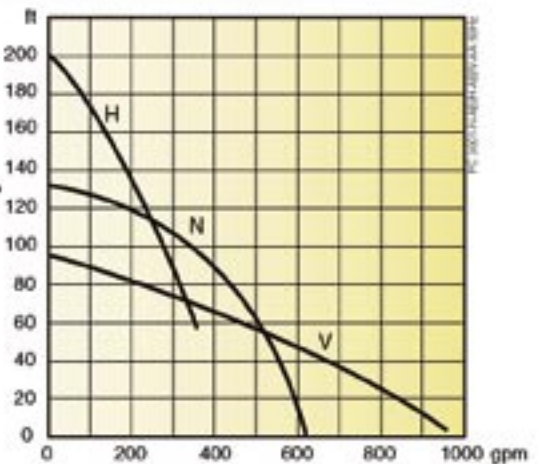


¹Enduro Lining™ available as option (N+H)

PUMPEX PC 3001

ENDURO LINING

PC 3001 N	Std. version, Three Phase
PC 3001 H	High head, Three Phase
PC 3001 V	Low head, Three Phase
Rating (HP):	15.0
Voltage (V):	Dual 230/460 or 575
Full Load (A):	34.0/17.0 or 13.5
Speed:	3400 rpm
Power cable:	65 ft
Discharge connection:	NPT 3" (std H), 4" (std N, V)
Weight (excl. cable):	154 lb
Strainer size:	5/16" x 1 1/16"



Bottom plate on PC 3001V:



¹Enduro Lining™ available as option (N+H)

OPTIONS AND ACCESSORIES

Starter box with float switch



When a start and stop level is required, this can be provided with starter box and float switch.

For separate D.O.L or Star-Delta starter box consult Pumpex.

SoftDrive™

SoftDrive™ is available built in on P 2001, P 3001 and PX 12. The Pumpex SoftDrive™ concept reduces starting current dramatically, providing a smooth operation for both the power net and pump equipment.

Eliminates water hammering effects when the pump is stopped, allowing the pump to smoothly ramp down. Intelligent protection built into the pump, ensuring correct impeller rotation, motor protection and main power check at start up.



Hose, couplings, clamp

Flexible reinforced discharge hose is available with inner diameter 1", 1 1/2", 2", 2 1/2", 3", 4", 6", 8".

Hose clamp and couplings for flexible hose are available with same diameter.



Electronic motor supervision

FSV 82, electronic motor protector. The motor protector prevents the pump from starting in the wrong direction of rotation.

This protection device will also trip the pump in event of phase failure. The FSV 82 features protection against automatic restart in event that the pump has tripped due to over heating.



Zinc anodes

The pumps can be equipped with zinc anodes for protection of the aluminum parts against galvanic corrosion, e.g. when pumping saline or brackish water.

The zinc anodes are fitted on the bottom plate and the main cover of the pump.



Series connection

Series connections are available for all drainage pumps. The series connections have a center inlet for hose connection.



Bottom suction adapter

On pump types P 601, P 801 and P 1001 the standard bottom plate may be replaced by a bottom suction adapter. A basement floor or a tank can be pumped practically dry with this adapter.

Surface protection coating

Pumpex offers an environmentally friendly surface protection where casted parts are coated with a 3-layer surface coating for high corrosion resistance.

For extreme conditions zinc anodes can be added to the 3-layer surface protection coating.



Heavy duty seal

All Pumpex P/PC 1001- 3001 and SP20-80 can be fitted with a "Heavy Duty" primary seal as an option. The maintenance period can be prolonged dramatically when the pump is used under extreme conditions to handle special medias.

The Heavy Duty seal has a totally encapsulated rotating part.



Polyurethane

Pumpex offers **Enduro Lining™**, a solution where the diffusers and wear discs are coated with polyurethane. Pumpex impellers are designed with a full upper shroud, which improves the wear resistance of the impeller and eliminates the need of polyurethane on the oil casing cover.

Polyurethane coated wear parts are mainly used in extremely abrasive applications such as mining.



Polyurethane coated diffusers and wear discs are available as an option on P/PC 1001-1501, P/PC 2001-3001 and on PX 12.



AmeriPumps
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