

PRORIL

SEWAGE PUMPS

CUTTER PUMPS

NON-CLOG PUMPS

DRAINAGE PUMPS

GRINDER PUMPS

SINGLE CHANNEL PUMPS

VORTEX SEWAGE PUMPS

VORTEX & AGITATOR PUMPS



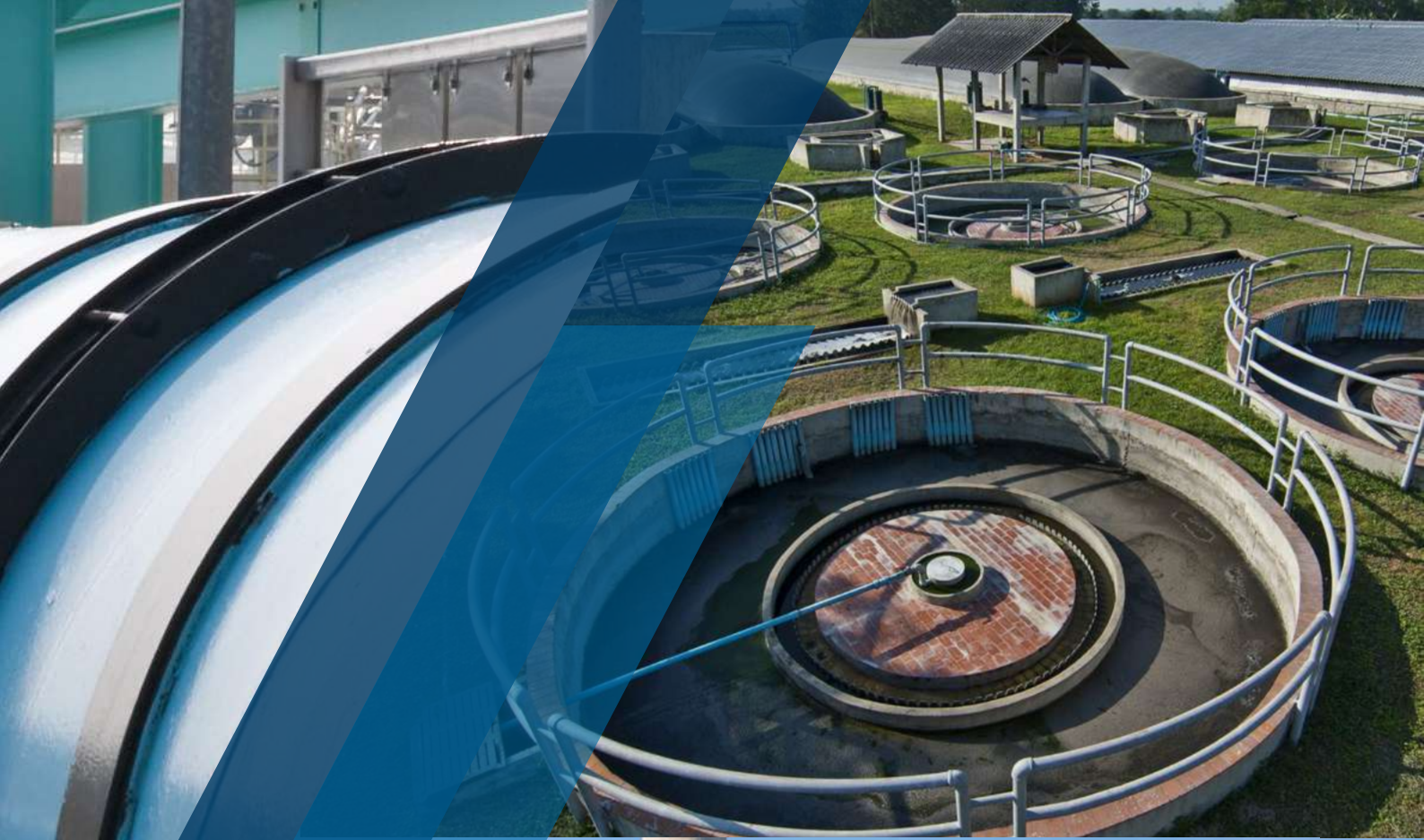
60 Hz



SUBMERSIBLE SEWAGE PUMPS

Robust Design, Real Quality

Designed for excellent performance, low energy consumption, and easy maintenance, PRORIL submersible sewage pumps serve a wide range of sewage transport applications. They are ideal for residential, commercial, industrial sewage transferring, wastewater treatment plant, site drainage, etc.



SEWAGE PUMPS

COMMON FEATURES

1 Watertight Cable Entry

The cable entry employs an anti-wicking block where each conductor is stripped and encapsulated in epoxy. This feature effectively prevents water from penetrating the motor chamber when the cable end is submerged or the cable sheath is damaged.

2 Motor Protector

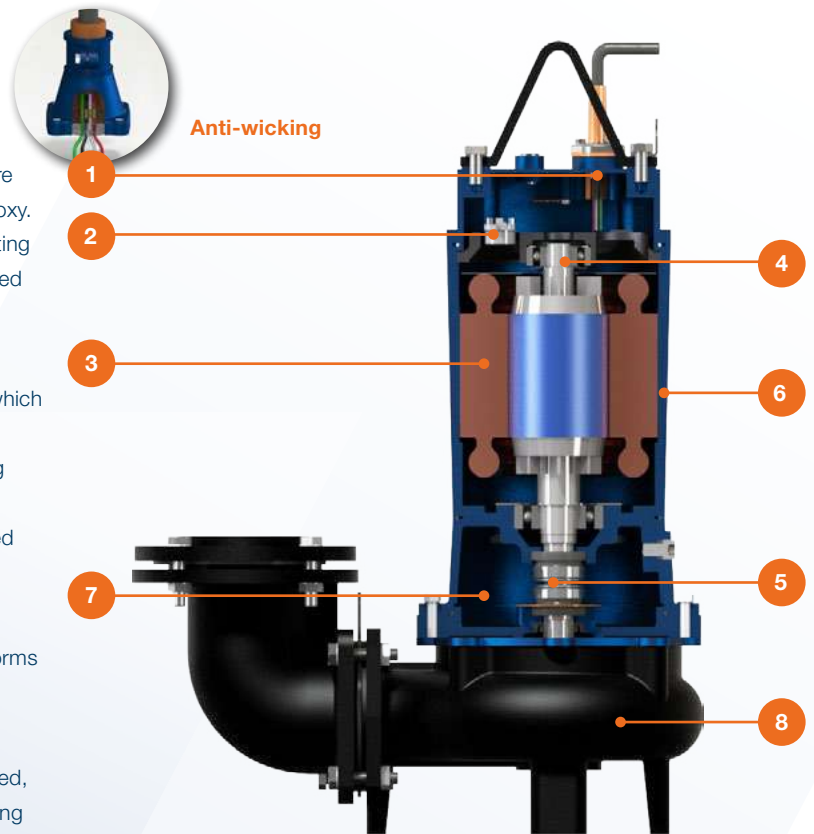
The motor incorporates a motor protection device which protects against overheating and dry-run. Pumps with a capacitor-run or direct-on line starting motor are equipped with a circle thermal protector. Pumps with a start-delta starting motor are equipped with miniature thermal protectors in each phase.

3 Submersible Motor

Air filled motor, housed in a watertight casing, conforms to Class F insulation.

4 C3 Ball Bearings and Hardened SS Shaft

High quality of C3 ball bearings and the well-balanced, hardened stainless steel shaft enhance stability during continuous pumping operations.



The above images are for illustration purposes only, please refer to datasheets for more details.

5 Double Mechanical Seals

Located in the oil chamber, the device is made of quality materials with highly wear-resistant silicon carbide in lower side that provides extra protection against leakage and dry-run.

6 Rugged Cast Iron Design

The whole cast iron pump features a simple, robust structure that provides durability and impact resistance to rough conditions.

7 Food Grade Lubricant

PRORIL adopts eco-friendly lubricant to minimize environmental impacts.

8 Impellers and Volutes

Types of impellers and volutes are varied with pump models, cultivated through years of experience in the pump manufacturing industry.

They include single channel impellers, vortex impellers, semi-open impellers, grinders, and agitators.



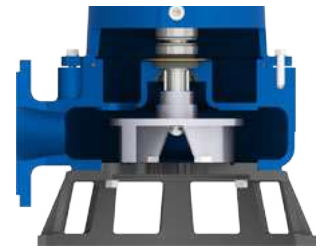
GOCUT SERIES CUTTER PUMPS

Discharge Bore : 50 - 100 mm

Motor : 0.75 ~ 3.7 kW, 2-Pole Motor

Impeller Type : Semi-Open Channel Cutter impeller

Features : Utilizing a cutter mechanism and tungsten carbide alloy to cut fibrous matters and to prevent clogging.



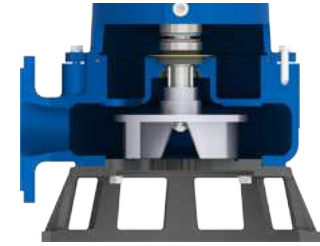
GOFLOW SERIES NON-CLOG PUMPS

Discharge Bore : 50 - 100 mm

Motor : 0.75 ~ 3.7 kW, 2-Pole Motor

Impeller Type : Semi-Open Channel impeller

Features : Wide channel allows solids passing with minimal blockage.



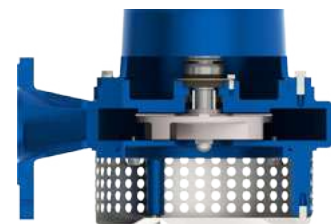
GOSPIN SERIES DRAINAGE PUMPS

Discharge Bore : 50 - 100 mm

Motor : 0.4 ~ 3.7 kW, 2-Pole Motor

Impeller Type : Semi-Open impeller

Features : Offering high performance in various effluent pumping applications.



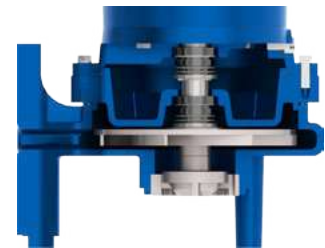
GOBITS SERIES GRINDER PUMPS

Discharge Bore : 32 - 50 mm

Motor : 1.1 ~ 5.5 kW, 2-Pole Motor

Impeller Type : Vortex impeller

Features : Employing a grinding mechanism to prevent clogging, especially ideal for narrow sewer.



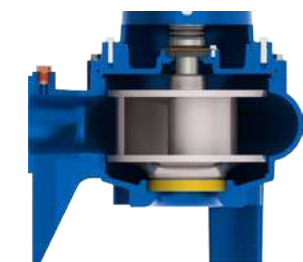
GOMAX SERIES SINGLE CHANNEL PUMPS

Discharge Bore : 80 - 150 mm

Motor : 3.7 ~ 22 kW, 4-Pole Motor

Impeller Type : Single Channel impeller

Features : Passing 76mm diameter solids without clogging.



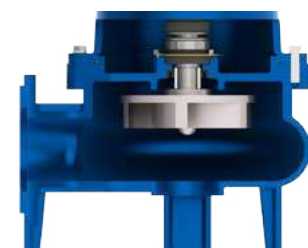
GOVOX SERIES VORTEX PUMPS

Discharge Bore : 50 - 100 mm

Motor : 0.4 ~ 7.5 kW, 2-Pole Motor

Impeller Type : Vortex impeller

Features : A whirling action enables large solids and fibrous matters to be pumped out without obstruction.



GOVOX-S SERIES VORTEX & AGITATOR PUMPS

Discharge Bore : 80 mm

Motor : 2.2 ~ 3.7 kW, 2-Pole Motor

Impeller Type : Vortex impeller

Features : Coupled with an agitator, which significantly and efficiently improves solids handling.



GOCUT SERIES

CUTTER PUMPS

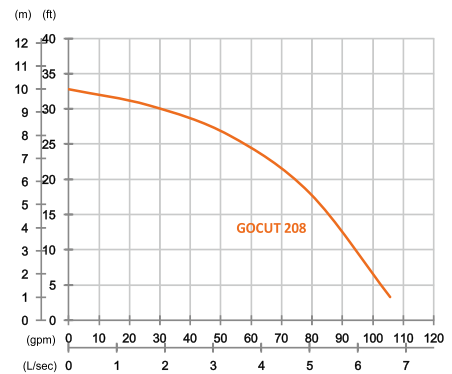
- GOCUT Series pumps are designed for handling raw sewages and various wastewater treatments.
- The cutting mechanism shreds fibrous materials into small pieces to prevent from clogging that would happen on a common pump.
- The cutting mechanism consists of a chopper plate and a tungsten carbide alloy tipped onto each vane of the semi-open channel impeller.
- Guide rail fittings are available on request.

GOCUT

208



GOCUT	208
Outlet	2" (50mm)
Rated Output	1HP (0.75kW)
Shaft Speed	3450 rpm
Solid Passage	1" (26mm)
Height	17.1" (434mm)
Diameter	Ø11.9" (301mm)
Weight	49 lbs (22kg)

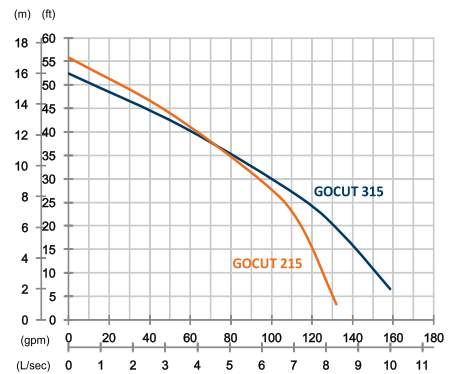


GOCUT

215 315



GOCUT	215	315
Outlet	2" (50mm)	3" (80mm)
Rated Output	2HP (1.5kW)	2HP (1.5kW)
Shaft Speed	3450 rpm	3450 rpm
Solid Passage	1.1" (27mm)	1.1" (27mm)
Height	18.2" (463mm)	18.2" (463mm)
Diameter	Ø11.9" (301mm)	Ø11.9" (301mm)
Weight	60 lbs (27kg)	60 lbs (27kg)

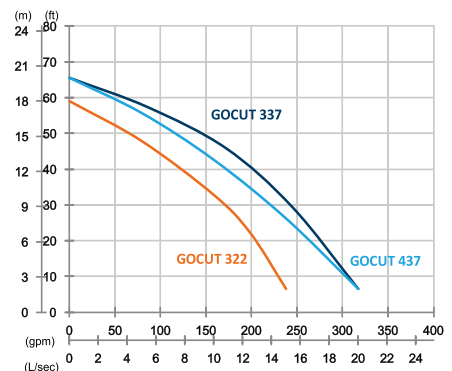


GOCUT

322 337 437



GOCUT	322	337	437
Outlet	3" (80mm)	3" (80mm)	4" (100mm)
Rated Output	3HP (2.2kW)	5HP (3.7kW)	5HP (3.7kW)
Shaft Speed	3450 rpm	3450 rpm	3450 rpm
Solid Passage	1.1" (27mm)	1.5" (37mm)	1.5" (37mm)
Height	25.3" (642mm)	25.3" (642mm)	25.3" (642mm)
Diameter	Ø19" (482mm)	Ø19" (482mm)	Ø19" (482mm)
Weight	121 lbs (55kg)	132 lbs (60kg)	132 lbs (60kg)



GOFLOW SERIES

NON-CLOG PUMPS

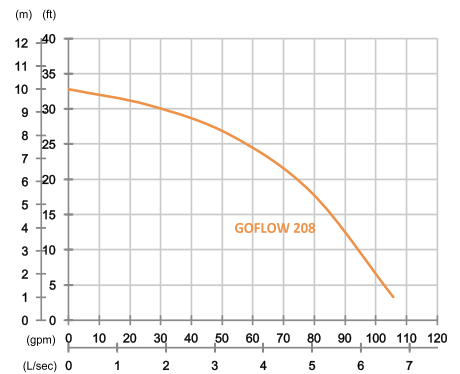
- GOFLOW series pumps are the basic sewage pumps that can handle solids up to 37 mm in diameter without clogging.
- GOFLOW series pumps are equipped with a semi-open channel impeller, a wide channel for the pump to pass solids from inflow to discharge with minimal blockage.
- Guide rail fittings are available on request.

GOFLOW

208



GOFLOW	208
Outlet	2" (50mm)
Rated Output	1HP (0.75kW)
Shaft Speed	3450 rpm
Solid Passage	1" (26mm)
Height	17.1" (434mm)
Diameter	Ø11.9" (301mm)
Weight	49 lbs (22kg)

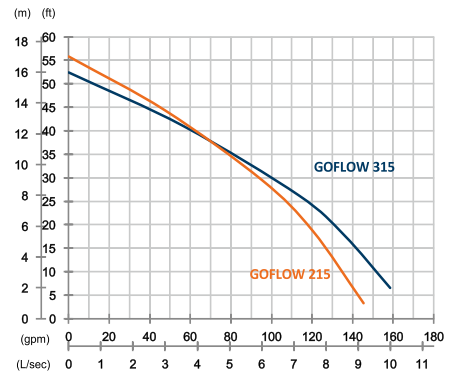


GOFLOW

215 315



GOFLOW	215	315
Outlet	2" (50mm)	3" (80mm)
Rated Output	2HP (1.5kW)	2HP (1.5kW)
Shaft Speed	3450 rpm	3450 rpm
Solid Passage	1"(25mm)	1"(25mm)
Height	18.2" (463mm)	18.2" (463mm)
Diameter	Ø11.9" (301mm)	Ø11.9" (301mm)
Weight	60 lbs (27kg)	60 lbs (27kg)

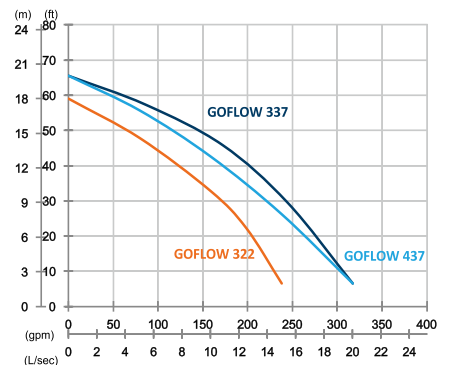


GOFLOW

322 337 437



GOFLOW	322	337	437
Outlet	3" (80mm)	3" (80mm)	4" (100mm)
Rated Output	3HP (2.2kW)	5HP (3.7kW)	5HP (3.7kW)
Shaft Speed	3450 rpm	3450 rpm	3450 rpm
Solid Passage	1" (27mm)	1.5" (37mm)	1.5" (37mm)
Height	25.3" (642mm)	25.3" (642mm)	25.3" (642mm)
Diameter	Ø19" (482mm)	Ø19" (482mm)	Ø19" (482mm)
Weight	121 lbs (55kg)	132 lbs (60kg)	132 lbs (60kg)



GOSPIN SERIES

DRAINAGE PUMPS

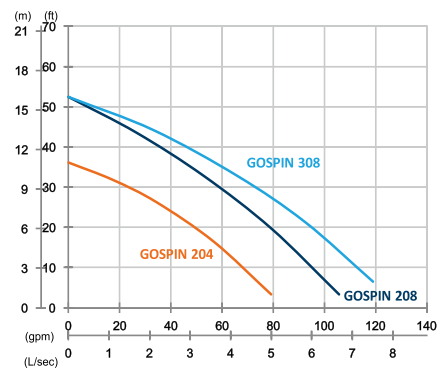
- The GOSPIN series pumps offer top quality and high performance in various effluent pumping applications.
- Stainless steel strainer filters oversized solids and prevent from clogging.
- Guide rail fittings are available on request.

GOSPIN

204 208 308



GOSPIN	204	208	308
Outlet	2" (50mm)	2" (50mm)	3" (80mm)
Rated Output	0.5HP (0.4kW)	1HP (0.75kW)	1HP (0.75kW)
Shaft Speed	3450 rpm	3450 rpm	3450 rpm
Solid Passage	0.2" (5.5mm)	0.2" (5.5mm)	0.2" (5.5mm)
Height	14.8" (376mm)	17.2" (438mm)	17.2" (438mm)
Diameter	Ø9.6" (245mm)	Ø10.5" (267mm)	Ø11.1" (281mm)
Weight	35 lbs (16kg)	46 lbs (21kg)	46 lbs (21kg)

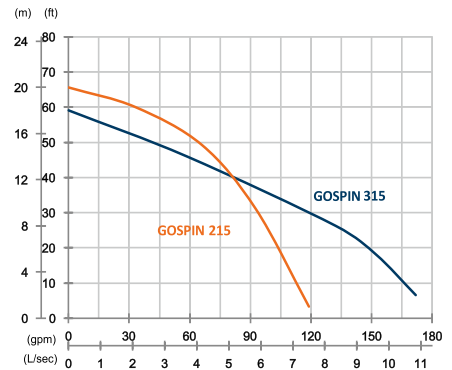


GOSPIN

215 315



GOSPIN	215	315
Outlet	2" (50mm)	3" (80mm)
Rated Output	2HP (1.5kW)	2HP (1.5kW)
Shaft Speed	3450 rpm	3450 rpm
Solid Passage	0.3" (7mm)	0.3" (7mm)
Height	17.4" (441mm)	17.4" (441mm)
Diameter	Ø12" (305mm)	Ø12" (305mm)
Weight	51 lbs (23kg)	51 lbs (23kg)

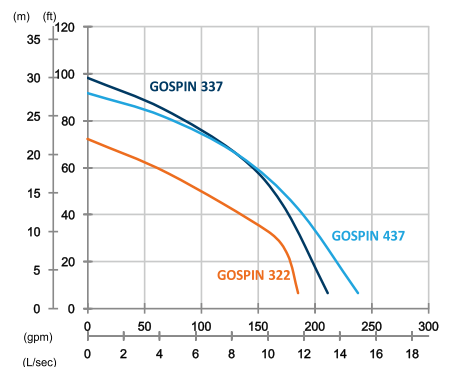


GOSPIN

322 337 437



GOSPIN	322	337	437
Outlet	3" (80mm)	3" (80mm)	4" (100mm)
Rated Output	3HP (2.2kW)	5HP (3.7kW)	5HP (3.7kW)
Shaft Speed	3450 rpm	3450 rpm	3450 rpm
Solid Passage	0.4" (9mm)	0.4" (9mm)	0.4" (9mm)
Height	24.1" (613mm)	24.1" (613mm)	24.1" (613mm)
Diameter	Ø20.6" (522mm)	Ø20.6" (522mm)	Ø20.6" (522mm)
Weight	112 lbs (51kg)	123 lbs (56kg)	123 lbs (56kg)



GOBITS SERIES

GRINDER PUMPS

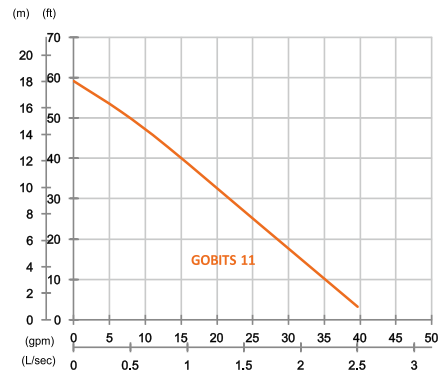
- Designed for high head, GOBITS series pumps effectively grind and transfer solids under high pressure from one place to a higher place or distant place.
- GOBITS series pumps employ a grinding mechanism in the suction inlet to grind fibers, plastic bags, rubber goods, garbage, etc. into small particles before discharging the waste.
- The grinding devices are made of high chrome steel, with the hardness of HRC 55, achieving excellent wear resistance.
- Guide rail fittings are available on request.

GOBITS

11



GOBITS	11
Outlet	1.25" (32mm)
Rated Output	1.5HP (1.1kW)
Shaft Speed	3450 rpm
Height	20.5" (520mm)
Diameter	Ø9.9" (251mm)
Weight	60 lbs (27kg)

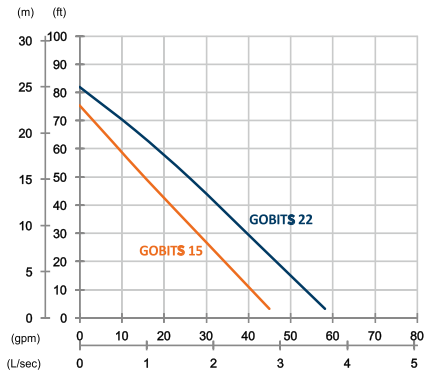


GOBITS

15 22



GOBITS	15	22
Outlet	1.25" (32mm)	2" (50mm)
Rated Output	2HP (1.5kW)	3HP (2.2kW)
Shaft Speed	3450 rpm	3450 rpm
Height	23" (583mm)	23" (583mm)
Diameter	Ø12.4" (314mm)	Ø12.4" (316mm)
Weight	77 lbs (35kg)	77 lbs (35kg)

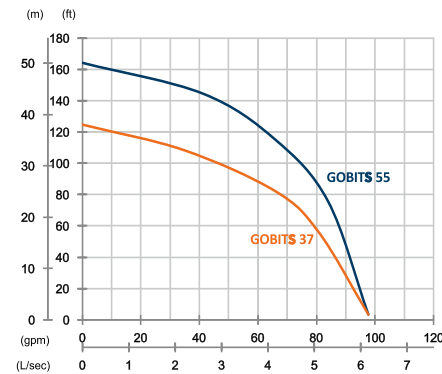


GOBITS

37 55



GOBITS	37	55
Outlet	2" (50mm)	2" (50mm)
Rated Output	5HP (3.7kW)	7.5HP (5.5kW)
Shaft Speed	3450 rpm	3450 rpm
Height	25" (634mm)	25" (634mm)
Diameter	Ø11.2" (285mm)	Ø11.2" (285mm)
Weight	121 lbs (55kg)	134 lbs (61kg)



GOMAX SERIES

SINGLE CHANNEL PUMPS

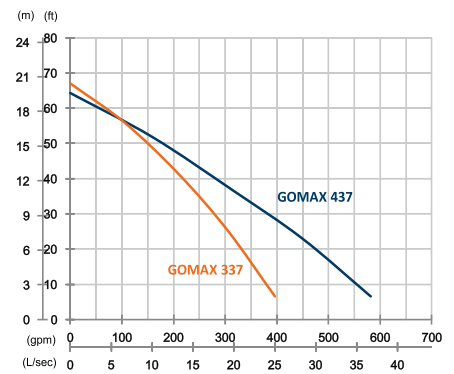
- Designed for passing 76mm diameter solids without clogging, GOMAX series employ a single-channel enclosed impeller to efficiently and reliably transfer raw sewage.
- GOMAX series featured high efficiency, non-clogging, long life, and energy saving.
- The design of air release valve in pump casing prevents air lock.
- GOMAX series are suitable for commercial and industrial wastewater applications.
- Guide rail fittings are available on request.

GOMAX

337 437



GOMAX	337	437
Outlet	3" (80mm)	4" (100mm)
Rated Output	5HP (3.7kW)	5HP (3.7kW)
Shaft Speed	1750 rpm	1750 rpm
Solid Passage	3" (76mm)	3" (76mm)
Height	29.5" (750mm)	29.5" (750mm)
Diameter	Ø22.8" (580mm)	Ø23.2" (589mm)
Weight	207 lbs (94kg)	214 lbs (97kg)

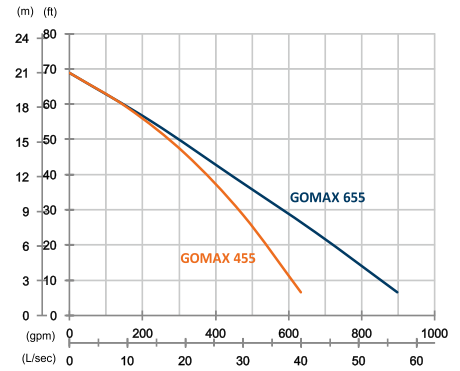


GOMAX

455 655



GOMAX	455	655
Outlet	4" (100mm)	6" (150mm)
Rated Output	7.5HP (5.5kW)	7.5HP (5.5kW)
Shaft Speed	1750 rpm	1750 rpm
Solid Passage	3" (76mm)	3" (76mm)
Height	33" (838mm)	33" (838mm)
Diameter	Ø27.3" (693mm)	Ø29.6" (752mm)
Weight	291 lbs (132kg)	304 lbs (138kg)

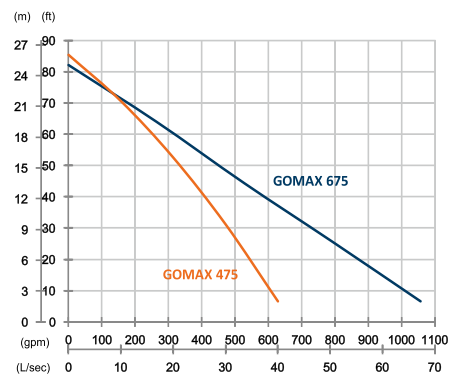


GOMAX

475 675



GOMAX	475	675
Outlet	4" (100mm)	6" (150mm)
Rated Output	10HP (7.5kW)	10HP (7.5kW)
Shaft Speed	1750 rpm	1750 rpm
Solid Passage	3" (76mm)	3" (76mm)
Height	33" (838mm)	33" (838mm)
Diameter	Ø27.3" (693mm)	Ø29.6" (752mm)
Weight	313 lbs (142kg)	326 lbs (148kg)



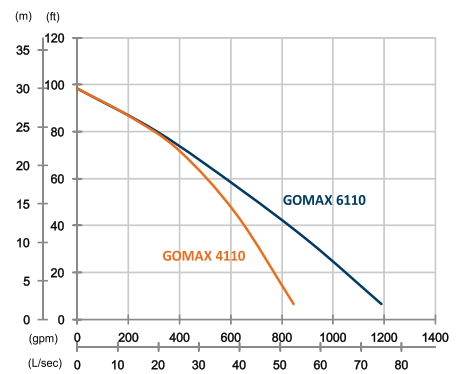


GOMAX

4110 6110



GOMAX	4110	6110
Outlet	4" (100mm)	6" (150mm)
Rated Output	15HP (11kW)	15HP (11kW)
Shaft Speed	1750 rpm	1750 rpm
Solid Passage	3" (76mm)	3" (76mm)
Height	32.7" (830mm)	32.7" (830mm)
Diameter	Ø29.6" (753mm)	Ø32" (813mm)
Weight	368 lbs (167kg)	386 lbs (175kg)

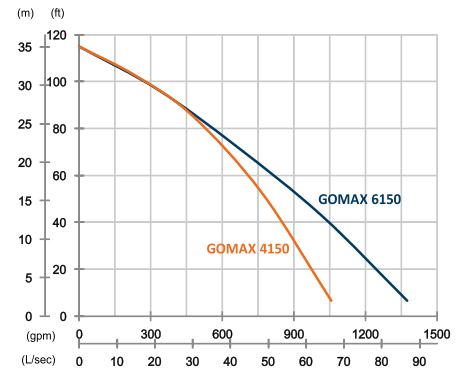


GOMAX

4150 6150



GOMAX	4150	6150
Outlet	4" (100mm)	6" (150mm)
Rated Output	20HP (15kW)	20HP (15kW)
Shaft Speed	1750 rpm	1750 rpm
Solid Passage	3" (76mm)	3" (76mm)
Height	32.7" (830mm)	32.7" (830mm)
Diameter	Ø29.6" (753mm)	Ø32" (813mm)
Weight	392 lbs (178kg)	410 lbs (186kg)

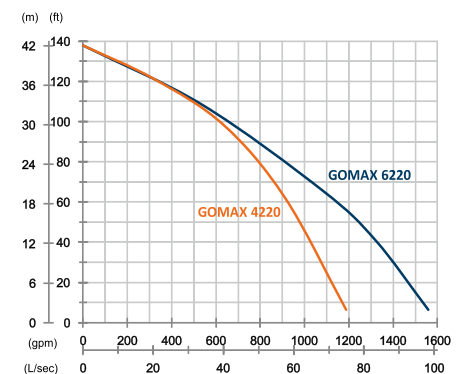


GOMAX

4220 6220



GOMAX	4220	6220
Outlet	4" (100mm)	6" (150mm)
Rated Output	30HP (22kW)	30HP (22kW)
Shaft Speed	1750 rpm	1750 rpm
Solid Passage	3" (76mm)	3" (76mm)
Height	39.6" (1007mm)	39.6" (1007mm)
Diameter	Ø31.8" (808mm)	Ø34.1" (867mm)
Weight	564 lbs (256kg)	578 lbs (262kg)



GOVOX SERIES

VORTEX SEWAGE PUMPS

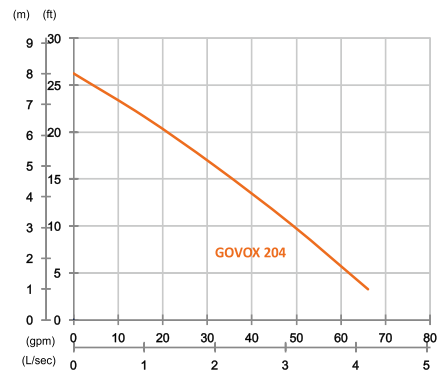
- GOVOX series features its vortex impeller coupled with a wide pump casing. The rotation of the impeller produces a whirling, centrifugal action between the impeller and pump casing. The action enables large solids and fibrous matters to be pumped out without obstruction, leading to less impeller wear and longer pump life.
- Guide rail fittings are available on request.

GOVOX

204



GOVOX	204
Outlet	2" (50mm)
Rated Output	0.5HP (0.4kW)
Shaft Speed	3450 rpm
Solid Passage	1.3" (32mm)
Height	15.6" (395mm)
Diameter	Ø9.6" (243mm)
Weight	31 lbs (14kg)

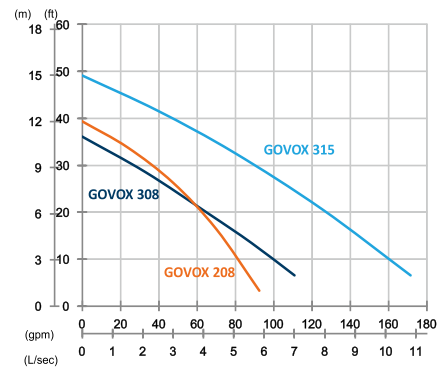


GOVOX

208 308 315



GOVOX	208	308	315
Outlet	2" (50mm)	3" (80mm)	3" (80mm)
Rated Output	1HP (0.75kW)	1HP (0.75kW)	2HP (1.5kW)
Shaft Speed	3450 rpm	3450 rpm	3450 rpm
Solid Passage	1.5" (37mm)	1.5" (37mm)	2" (50mm)
Height	18.6" (473mm)	18.6" (473mm)	19.7" (501mm)
Diameter	Ø9.6" (243mm)	Ø10.1" (257mm)	Ø11.9" (302mm)
Weight	44 lbs (20kg)	44 lbs (20kg)	53 lbs (24kg)

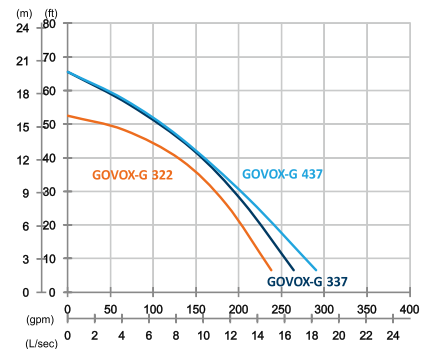


GOVOX-G

322 337 437



GOVOX-G	322	337	437
Outlet	3" (80mm)	3" (80mm)	4" (100mm)
Rated Output	3HP (2.2kW)	5HP (3.7kW)	5HP (3.7kW)
Shaft Speed	3450 rpm	3450 rpm	3450 rpm
Solid Passage	1.9" (47mm)	2" (52mm)	2" (52mm)
Height	25.3" (643mm)	25.3" (643mm)	25.3" (643mm)
Diameter	Ø18.3" (464mm)	Ø18.3" (464mm)	Ø18.3" (464mm)
Weight	132 lbs (60kg)	141 lbs (64kg)	141 lbs (64kg)

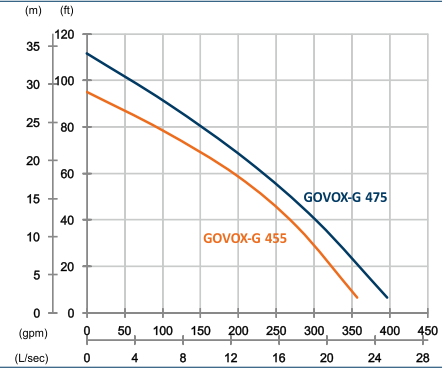


GOVOX-G

455 475



GOVOX-G	455	475
Outlet	4" (100mm)	4" (100mm)
Rated Output	7.5HP (5.5Kw)	10HP (7.5Kw)
Shaft Speed	3450 rpm	3450 rpm
Solid Passage	2" (52mm)	2" (52mm)
Height	25.4" (695mm)	28.2" (717mm)
Diameter	Ø18.3"(464mm)	Ø18.3"(464mm)
Weight	161 lbs(73kg)	165 lbs(75kg)

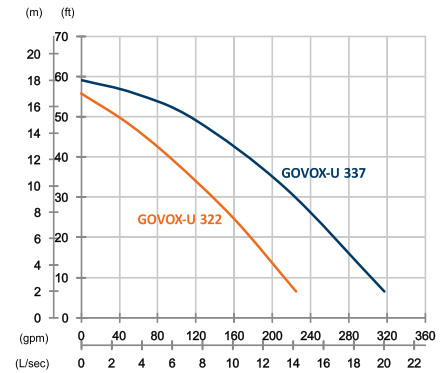


GOVOX-U

322 337



GOVOX-U	322	337
Outlet	3" (80mm)	3" (80mm)
Rated Output	3HP (2.2Kw)	5HP (3.7Kw)
Shaft Speed	3450 rpm	3450 rpm
Solid Passage	2.2" (55mm)	2.2" (55mm)
Height	26" (660mm)	28" (717mm)
Diameter	Ø14.4" (366mm)	Ø14.8" (376mm)
Weight	88 lbs (40kg)	108 lbs (49kg)

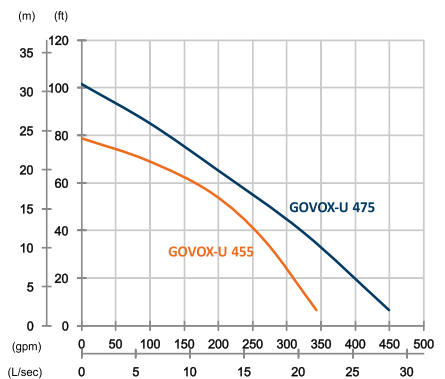


GOVOX-U

455 475



GOVOX-U	455	475
Outlet	4" (100mm)	4" (100mm)
Rated Output	7.5HP (5.5Kw)	10HP (7.5Kw)
Shaft Speed	3450 rpm	3450 rpm
Solid Passage	2.2" (55mm)	2.2" (55mm)
Height	28.3" (720mm)	29.7" (754mm)
Diameter	Ø14.8"(376mm)	Ø15.3"(389mm)
Weight	132 lbs(60kg)	148 lbs(67kg)



GOVOX-S SERIES

VORTEX & AGITATOR PUMPS

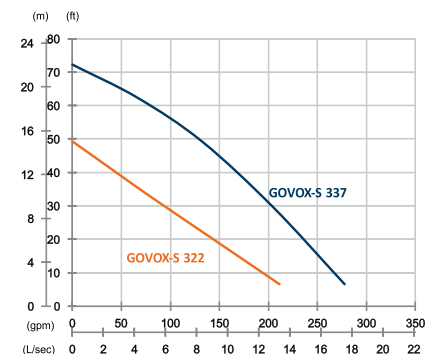
- GOVOX-S series pumps are equipped with an agitator, which forcibly agitates the fluid for easy and efficient transmission of sludge, sand, mud, and debris.
- The agitator prevents air lock that tends to take place on vortex pumps.

GOVOX-S

322 337



GOVOX-S	322	337
Outlet	3" (80mm)	3" (80mm)
Rated Output	3HP (2.2Kw)	5HP (3.7Kw)
Shaft Speed	3450 rpm	3450 rpm
Solid Passage	0.5" (13mm)	0.5" (13mm)
Height	26" (660mm)	28.2" (718mm)
Diameter	Ø14.7"(373mm)	Ø15.1"(383mm)
Weight	95 lbs(43kg)	117 lbs(53kg)



GUIDE RAIL FITTING SYSTEMS

The guide rail fitting system connects the pump to and from the piping simply just by lowering and elevating the pump. The mechanism allows easy maintenance and inspection without the need to enter the sump.

Pump models used in combination with the guide rail fitting system can be identified by the following index and reference.



Guide Rail Type	Applicable Models
GRL-02	GOBITS 11/15/22
	GOSPIN 204/208
	GOVOX 204/208
	X-VOX 208/215
GRL-03	GOSPIN 308
	GOVOX 308
GRL-02F	GOCUT 208/215
	GOFLOW 208/215
	GOSPIN 215
GRL-03F	GOCUT 315
	GOFLOW 315
	GOSPIN 315
	GOVOX 315
GRF-03	GOCUT 322/337
	GOFLOW 322/337
	GOSPIN 322/337
	GOVOX-G 322/337
GRF-04	GOCUT 437
	GOFLOW 437
	GOSPIN 437
	GOVOX-G 437/455/475
GRG-02	GOBITS 37/55
GRN-03	GOMAX 337/437
	GOMAX 455/655/475/675
GRN-04	GOMAX 475/675
	GOMAX 4110/6110
	GOMAX 4150/6150
	GOMAX 4220/6220

PRORIL

PRORIL was established in 1979, starting from a small motor factory where it has transformed itself into a global size submersible pump manufacturer. Its perseverance and dedication of making high quality products and maintaining a strong working etiquette are mere images of the founder's belief and philosophy that contribute to the success of PRORIL.

With decades of experiences, PRORIL specializes in submersible pump manufacturing service, and continues investing in the fluid dynamics design, motor efficiency enhancement, and R&D of various metal alloys. The integration of upstream and downstream suppliers has completed the manufacturing chain that PRORIL proudly offers to its customers. PRORIL goes through stringent quality procedures where its quality management system conforms to the global standards.

Up to now, PRORIL had recognized by various international awards by the persistence of product quality and continuous improvement according to market demand. Through the recognition of the awards, PRORIL is more determined to provide better services and products to customers.

Today, PRORIL has developed a complete product line that covers dewatering pumps, sewage pumps, slurry pumps, and others. They are applicable in general drainage, construction, industrial sites, wastewater treatment, sludge removal, and so on. Furthermore, PRORIL's professional R&D team continuously improves the product performance to meet various needs in tough dewatering applications.

The success of PRORIL has been based on unyielding commitment and attitude to technical excellence and unparalleled dedication to customer service. Honesty and integrity have further contributed to a worldwide collaboration and connection to a long-term sustainable relationship with all our customers. In future, PRORIL will continue to excel and serve every PRORIL's customer with our professionalism, enthusiasm, and trust.



MORE PRODUCTS



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