



GOL PUMPSTECHNOLOGY INC

Submersible Drainage Sewage Pumps

INOX 304 and INOX 316



60Hz

GXD submersible Drainage Pumps

General Data/Material

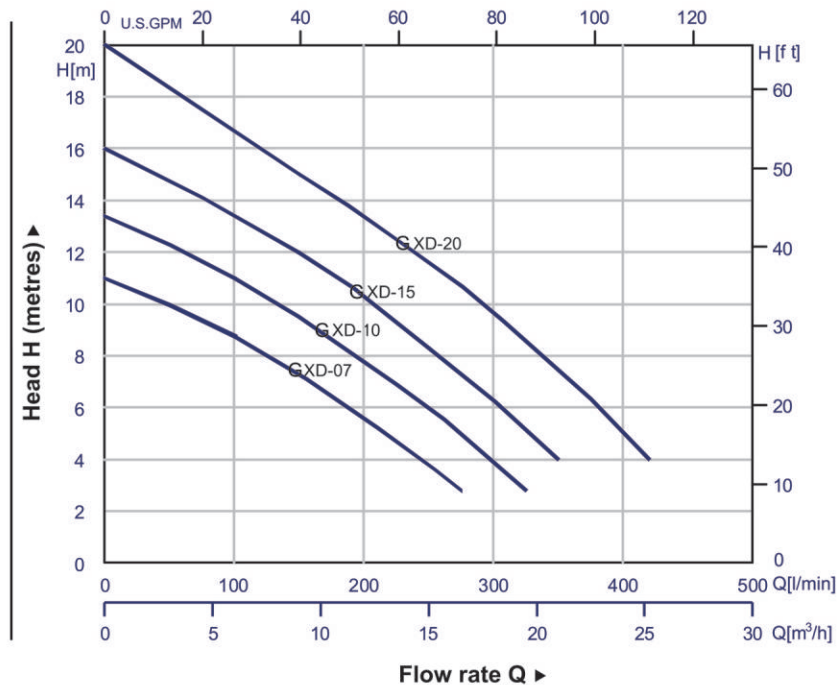
Inox 304 and Inox 316



Operating Conditions	Applications	Emptying of septic tanks and residential sumps.
	Fluid Temperature	0 to 50°C
Motor	Type	Dry Type
	Pole	2-pole
	Insulation	Class F
	Protection	IP68
Pump	Protection Device	Thermal Protector (single phase)
	Impeller	Open Impeller
	Shaft Seal/Material	Double seals
	Bearing	Double-shielded Ball Bearing

Component	Material - inox304	Material - inox316
Cable	H07RN-F	H07RN-F
Handle	AISI 304+Nylon	AISI 316+Nylon
Motor Cover	AISI 304	AISI 316
Motor Casing	AISI 304	AISI 316
Fixing Ring	AISI 304	AISI 316
Pump Body	AISI 304	AISI 316
Mechanical seal	Sic/Sic/NBR	Sic/Sic/NBR
Impeller	AISI 304	AISI 316
Key	AISI 304	AISI 316
Pump Casing	AISI 304	AISI 316
Oil Seal	NBR	NBR
Shaft	AISI 304	AISI 316
V-type Axial Oil Seal	NBR	NBR
Suction flange	AISI 304	AISI 316

Characteristic curves N= 3450 rpm



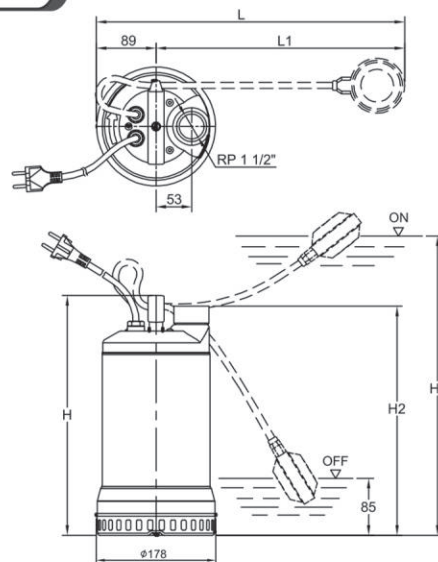
GXD submersible Drainage Pumps

Specifications

Model	Power HP (kW)	Discharge inch	Phase (Voltage)	Standard		Max		Solid Passage mm	Cable M
				Head M	Capacity LPM	Head M	Capacity LPM		
GXD-07	0.75(0.55)	RP 1 1/2"	1 ϕ 220V-230V/3 ϕ 220V-230V/380V-400V	8.7	100	11	275	8	10
GXD-10	1.0(0.75)	RP 1 1/2"	1 ϕ 220V-230V/3 ϕ 220V-230V/380V-400V	11	100	13.4	325	8	10
GXD-15	1.5(1.1)	RP 1 1/2"	1 ϕ 220V-230V/3 ϕ 220V-230V/380V-400V	12	150	16	350	8	10
GXD-20	2.0(1.5)	RP 1 1/2"	3 ϕ 220V-230V/380V-400V	15	150	20	420	8	10

Auto Float Switches are available in Single-phase

Dimensions and Weights



SINGLE-PHASE

Model	Dimension (mm)					
	H	H1	H2	L	L1	N.W. kg
G XD-07	357	437	341	459	370	12
G XD-10	407	497	391	514	425	15
G XD-15	407	497	391	514	425	17

THREE-PHASE

Model	Dimension (mm)		
	H	H2	N.W. kg
G XD-07	357	341	12
G XD-10	357	341	12
G XD-15	407	391	15
G XD-20	407	391	17

GXV submersible Vortex Pumps

General Data/Material

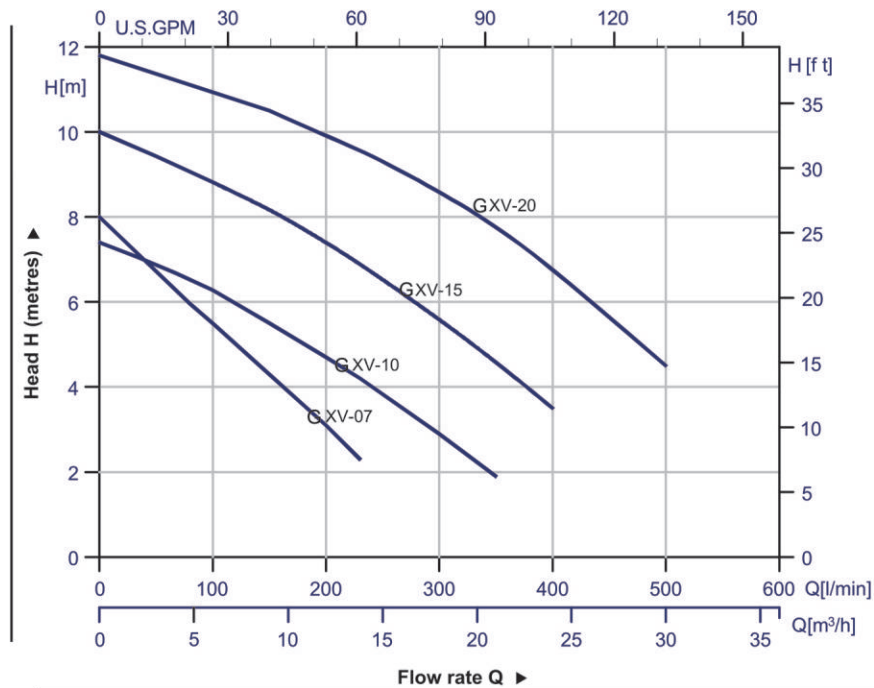
Inox 304 and Inox 316



Operating Conditions	Applications	Emptying of septic tanks and residential sumps.
	Fluid Temperature	0 to 35°C
Motor	Type	Dry Type
	Pole	2-pole
	Insulation	Class F
	Protection	IP68
Pump	Protection Device	Thermal Protector (single phase)
	Impeller	Vortex Impeller
	Shaft Seal/Material	Double seals
	Bearing	Double-shielded Ball Bearing

Component	Material - inox304	Material - inox316
Cable	H07RN-F	H07RN-F
Handle	AISI 304+Nylon	AISI 316+Nylon
Motor Cover	AISI 304	AISI 316
Motor Casing	AISI 304	AISI 316
Fixing Ring	AISI 304	AISI 316
Pump Body	AISI 304	AISI 316
Mechanical seal	Sic/Sic/NBR	Sic/Sic/NBR
Impeller	AISI 304	AISI 316
Key	AISI 304	AISI 316
Pump Casing	AISI 304	AISI 316
Oil Seal	NBR	NBR
Shaft	AISI 304	AISI 316
V-type Axial Oil Seal	NBR	NBR
Suction flange	AISI 304	AISI 316

Characteristic curves N= 3450 rpm



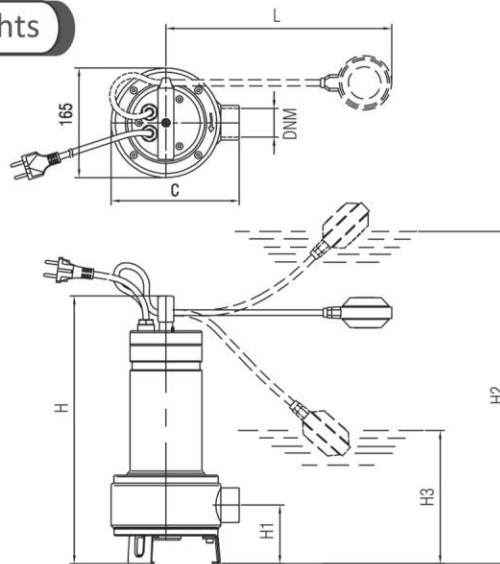
GXV submersible Vortex Pumps

Specifications

Model	Power HP (kW)	Discharge inch	Phase (Voltage)	Standard		Max		Solid Passage mm	Cable M
				Head M	Capacity LPM	Head M	Capacity LPM		
G XV-07	0.75(0.55)	RP1 1/2"	1 ϕ 220V-230V/3 ϕ 220V-230V/380V-400V	5.9	80	8	230	35	5
G XV-10	1.0(0.75)	RP 2"	1 ϕ 220V-230V/3 ϕ 220V-230V/380V-400V	6.3	100	7.4	350	50	10
G XV-15	1.5(1.1)	RP 2"	1 ϕ 220V-230V/3 ϕ 220V-230V/380V-400V	8.8	100	10	400	50	10
G XV-20	2.0(1.5)	RP 2"	3 ϕ 220V-230V/380V-400V	10.5	150	11.8	500	50	10

Auto Float Switches are available in Single-phase

Dimensions and Weights



SINGLE-PHASE

Model	Dimension (mm)							
	H	H1	H2	H3	L	C	DNM	N.W. kg
G XV-07	403	88	483	185	350	193	RP1 1/2"	11
G XV-10	486	111.5	566	268	350	198	RP 2"	14
G XV-15	486	111.5	566	268	350	198	RP 2"	15

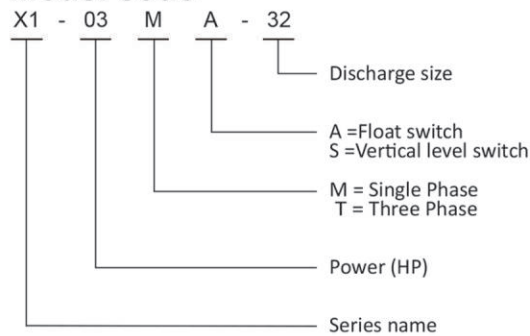
THREE-PHASE

Model	Dimension (mm)				
	H	H1	C	DNM	N.W. kg
G XV-07	403	88	193	RP1 1/2"	11
G XV-10	436	111.5	198	RP 2"	12
G XV-15	486	111.5	198	RP 2"	14
G XV-20	486	111.5	198	RP 2"	15

Inox 304 and Inox 316



Model code



Feature

Stainless Steel Series electric submersible drainage pumps
 Compact design with Top Discharge Outlet reduces space usage for installation in small manholes, for use in domestic, installations and small featured works.
 Two different types of lever sensors:

- Mechanical activated float switch with cable extender (A)
- Vertical Mechanical activated Float Switch with casement (S)

Top discharged cools and removes heat from the motor through the outlet. It allows these pumps to be used even when only partially submerged. Every model undergoes hydrostatic testing for leakage from the casing and mechanical seals.

Application

- Domestic drainage
- Grey water drainage.
- Koi pond
- Light waste water discharge.
- Hydro-sanitary
- Emergencies flooding pumping in homes
- Fountain and landscape
- Drainage pumping.
- Livestocks

Operation Conditions

- Liquid Temperature: up to 50°C (122°F)
- MAX.depth: 5M

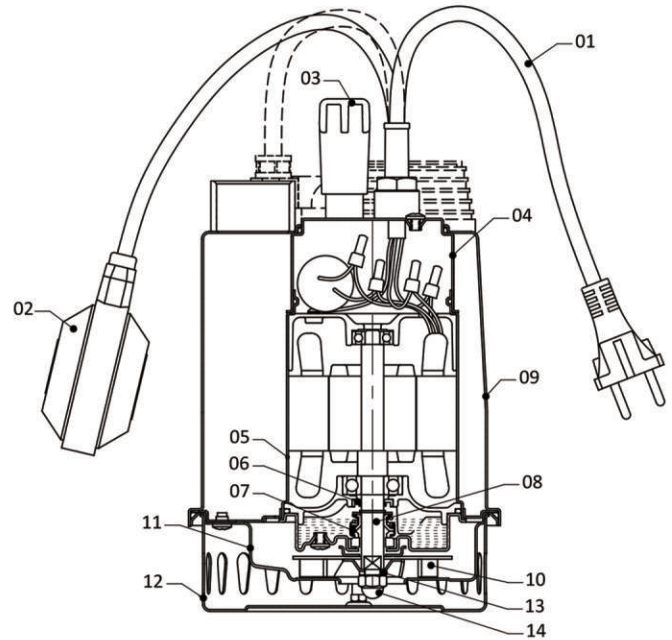
Motor

- Motor Type: 2 POLE, dry type
- Frequency: 60Hz
- Insulation Class: F class (155°C)
- Nominal Speed: 3450 rpm

Pump

- Enclosure Protection Class: IP 68
- Protector: thermal protection, built-in (single phase)
- Insulation Class: F class (155°C)
- Bearing: double sealed with steel cage
- Mechanical seal: unbalance single mechanical seal bath in oil with spring type oil seal

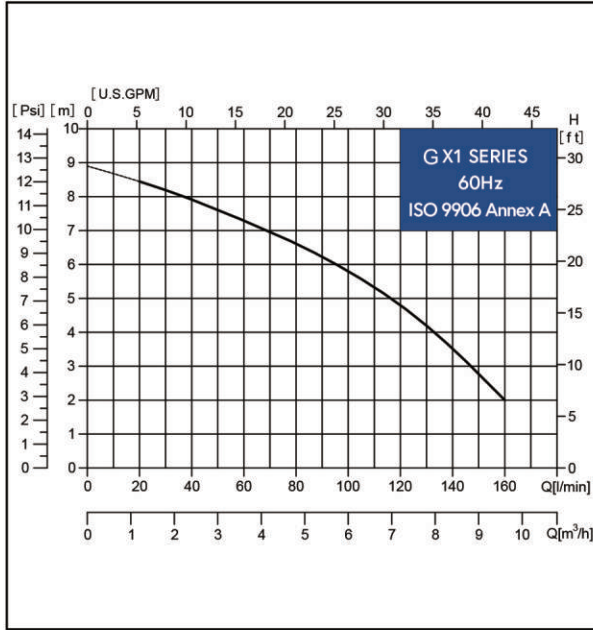
Inox 304 and Inox 316



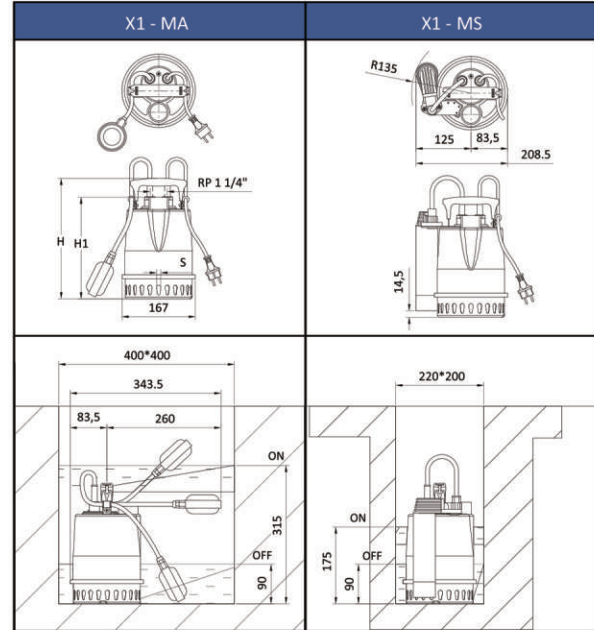
Suction Device

No.	Component	Material
1	Cable	H05RN-F
2	Float switch	Plastic
3	Handle	NY66+G30
4	Motor cover	AISI 304
5	Motor housing	AISI 304
6	Oil Seal	NBR
7	Mechanical seal	Carbon Graphite Ceramic / NBR/ 304
8	Shaft	AISI 410
9	Pump housing	AISI 304
10	Impeller	AISI 304
11	Pump casing	AISI 304
12	Strainer	AISI 304
13	Spring washer	AISI 304
14	Hex Domed Nuts	AISI 304

GX1 submersible Drainage Pumps



Q=Capacity						
l/min	0	20	40	80	120	160
m ³ /h	0	1.2	2.4	4.8	7.2	9.6
H=Total manometric head						
meters	8.7	8.3	7.7	6.5	4.6	2.1



Model	Dimensions			Pallet dimension L x W x H (cm)	Units/ Pallet
	H	H1	S		
GX1-03M-32	274	231	10	110 x 110 x 210	144
GX1-03MA-32					
GX1-03MS-32					
GX1-03T-32					

Specifications

Model	Phase	Voltage	Power		Head Rated	Head Max.	Flow Rated		Flow Max.		Ampere	Connection	Solid Passage	Weight(Kg)
	∅	V	HP	kW	M	M	L/min	m ³ /h	L/min	m ³ /h	FLA (A)	Outlet	(mm)	Cable 10M
GX1-03M-32	1	110	0.33	0.25	6	8.7	90	5.4	160	9.6	4.6-4.0	1-1/4"	10	5.4
GX1-03MA-32														5.6
GX1-03MS-32														5.8

* Optional: Minimum suction devices are available by request.

Model	Phase	Voltage	Power		Head Rated	Head Max.	Flow Rated		Flow Max.		Ampere	Connection	Solid Passage	Weight(Kg)
	∅	V	HP	kW	M	M	L/min	m ³ /h	L/min	m ³ /h	FLA (A)	Outlet	(mm)	Cable 10M
GX1-03M-32	1	220	0.33	0.25	6	8.7	90	5.4	160	9.6	2.1/2.0	1-1/4"	10	5.4
GX1-03MA-32														5.6
GX1-03MS-32														5.8

* Optional: Minimum suction devices are available by request.

Model	Phase	Voltage	Power		Head Rated	Head Max.	Flow Rated		Flow Max.		Ampere	Connection	Solid Passage	Weight(Kg)
	∅	V	HP	kW	M	M	L/min	m ³ /h	L/min	m ³ /h	FLA (A)	Outlet	(mm)	Cable 10M
GX1-03T-32	3	220	0.33	0.25	6	8.7	90	5.4	160	9.6	1.4/1.3	1-1/4"	10	5.3

* Optional: Minimum suction devices are available by request.

Model	Phase	Voltage	Power		Head Rated	Head Max.	Flow Rated		Flow Max.		Ampere	Connection	Solid Passage	Weight(Kg)
	∅	V	HP	kW	M	M	L/min	m ³ /h	L/min	m ³ /h	FLA(A)	Outlet	(mm)	Cable 10M
GX1-03T-32	3	460	0.33	0.25	6	8.7	90	5.4	160	9.6	0.8/0.7	1-1/4"	10	5.3

* Optional: Minimum suction devices are available by request.



G.P.T.CO

GOL PUMPS TECHNOLOGY INC



6520 NW 77 ct

MIAMI , FL 33166

PH : +1(786) 615 8984

+1(786) 452 9775

Fax : +1(786) 615 7043

www.golpumps.com

Info@golpumps.com