



GP

Submersible Pump

Capacity up to 267 L/min (16 m³ /h)

Head up to 12 m

APPLICATION LIMITS

Maximum operating depth 5m below water level

Liquid temperature +35°C

Ambient temperature up to +40°C



INSTALLATION & USE

Completely constructed in anti-corrosive materials.

Majorly used for emptying pits and cisterns for gardening.

Suitable for clean water and liquids that does not contain abrasive particles.

As a result of the design solutions which were adopted such as the complete cooling of the motor and the shaft with double seal these pumps are easy and reliable.

CONSTRUCTION

Pump Body: Plastic.

Impeller: Plastic.

Motor Shaft: stainless steel

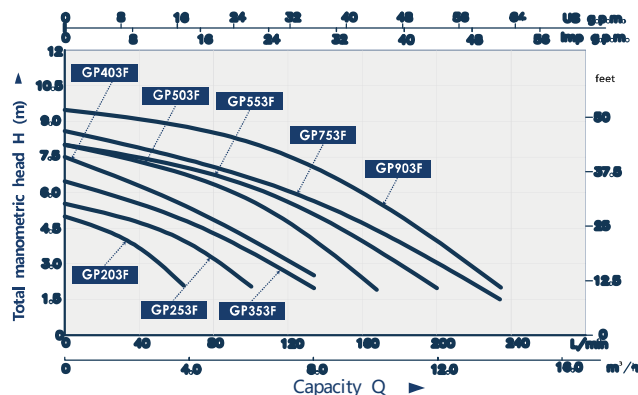
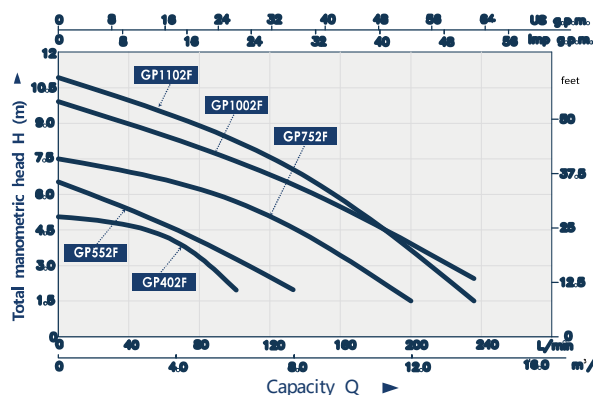
Mechanical Seal: Ceramic-graphite.

Electric Motor: Single-phase with condenser and thermal overload protector built into the copper winding.

Insulation: Class B.

Protection: IP X8

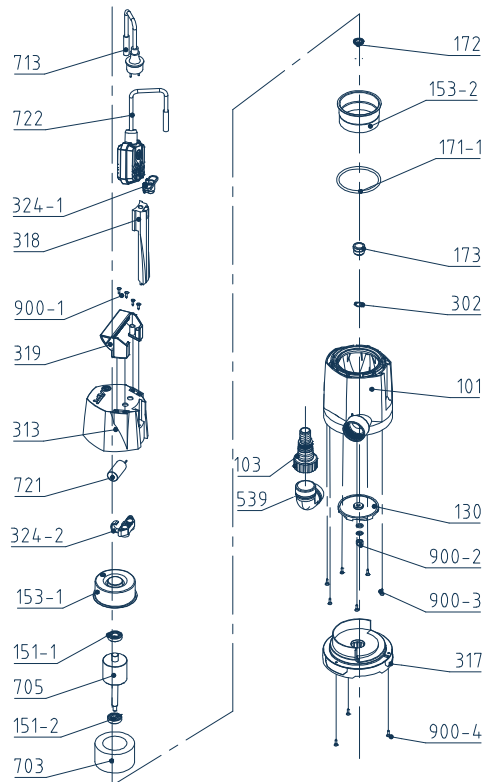
PERFORMANCE



Model	Power		Max Head	Max Flow	Size	Q(m ³ /h)	H(m)							
	KW	HP					0	2	4	6	8	10	12	14
			M	m ³ /H	Inch	Q(L/min)	0	33	67	100	133	167	200	233
GP402F	0.4	0.55	5	8	1" / 1 1/4" / 1 1/2"	H(m)	5	4.2	3.8	2	-	-	-	-
GP552F	0.55	0.75	6.5	11	1" / 1 1/4" / 1 1/2"		6.5	5.8	4.5	4.5	2	-	-	-
GP752F	0.75	1	7.5	13	1" / 1 1/4" / 1 1/2"		7.5	7	6.6	5.7	5	3.4	1.5	-
GP1002F	0.9	1.2	10	15	1" / 1 1/4" / 1 1/2"		10	8.7	8	7.2	6.5	5.8	5	2.6
GP1102F	1.1	1.5	12	16	1" / 1 1/4" / 1 1/2"		11	10.5	9.5	8.5	7.2	6	4	1.5
GP203F	0.2	0.26	5	4	1" / 1 1/4" / 1 1/2"		5	4	2	-	-	-	-	-
GP253F	0.25	0.34	5.5	6	1" / 1 1/4" / 1 1/2"		5.5	5	4	2	-	-	-	-
GP353F	0.35	0.47	6.5	9	1" / 1 1/4" / 1 1/2"		6.5	5.7	4.7	2.5	2	-	-	-
GP403F	0.4	0.55	7.5	9	1" / 1 1/4" / 1 1/2"		7.5	6.5	5.4	4	2.5	-	-	-
GP503F	0.5	0.7	8	11	1" / 1 1/4" / 1 1/2"		8	7.3	6.6	5.8	4.5	2	-	-
GP553F	0.55	0.75	8	13	1" / 1 1/4" / 1 1/2"		8	7.3	6.8	6.1	4.8	3	2	-
GP753F	0.75	1	9	14	1" / 1 1/4" / 1 1/2"		8.5	8.1	7.7	6.8	5.8	4.8	3	1.5
GP903F	0.9	1.2	9.5	15	1" / 1 1/4" / 1 1/2"		9.5	9.2	8.7	8	7.2	6	4.8	2

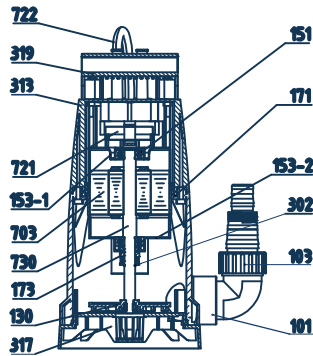
Submersible Pumps

DIAGRAM



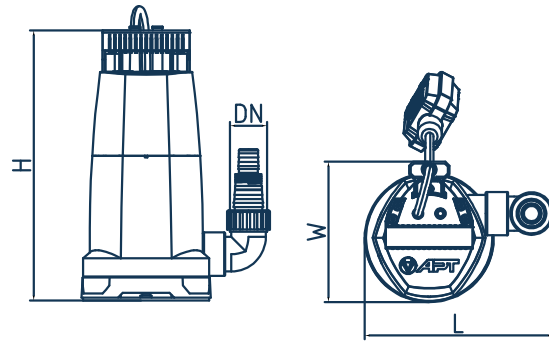
- 101** Pump body
- 103** Outlet
- 130** Impeller
- 151-1** Deep groove ball bearings
- 151-2** Deep groove ball bearings
- 153-1** Upper bearing seat
- 153-2** Upper bearing seat
- 171-1** O ring
- 172** Skeleton oil seal
- 173** Mechanical seal
- 302** Retaining ring
- 313** Top cover
- 317** Base
- 318** Switch side cover
- 319** Handle
- 324-1** Cable clamp
- 324-2** Capacitor clamp
- 539** Elbow
- 703** Stator core with winding
- 705** Rotor
- 713** Cable
- 721** Capacitor
- 722** Level switch
- 900-1** Phillips pan head tapping screw
- 900-2** Slotted hexagon nut
- 900-3** Phillips pan head tapping screw
- 900-4** Phillips pan head tapping screw

Product parameters



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
101	Pump body	Plastic PP
103	Outlet	Plastic PP
130	Impeller	Plastic PA+GF20
151	Bearing	6201
153-1	Upper bearing seat	Carbon steel
153-2	Lower bearing seat	Carbon steel
171	O-ring	Rubber NBR
173	MECHANICAL SEAL	Ceramic - graphite
302	Retaining ring	Stainless steel
313	Top cover	Plastic PP
317	Base	Plastic PP
318	Float switch	Water pump level protector
319	Handle	Plastic PP
703	Stator	Stator core with winding
721	Capacitor	Electronic device
730	Rotor	Stainless steel

product dimensions



Model	DN1	L(mm)	W(mm)	H(mm)
GP402F	1" / 1 1/4" / 1 1/2"	234	175	367
GP552F	1" / 1 1/4" / 1 1/2"	234	175	367
GP752F	1" / 1 1/4" / 1 1/2"	234	175	367
GP1002F	1" / 1 1/4" / 1 1/2"	234	175	367
GP1102F	1" / 1 1/4" / 1 1/2"	234	175	367
GP203F	1" / 1 1/4" / 1 1/2"	234	175	336
GP253F	1" / 1 1/4" / 1 1/2"	234	175	336
GP353F	1" / 1 1/4" / 1 1/2"	234	175	336
GP403F	1" / 1 1/4" / 1 1/2"	234	175	336
GP503F	1" / 1 1/4" / 1 1/2"	234	175	336
GP553F	1" / 1 1/4" / 1 1/2"	234	175	336
GP753F	1" / 1 1/4" / 1 1/2"	234	175	336
GP903F	1" / 1 1/4" / 1 1/2"	234	175	336