APT

2025

WATER PUMP CATALOGUE

The Name You Can Trust

APT International

The Name You Can Trust

About:

With Decades of experience, APT International is a global emerging brand that is determined to lead, with solid experience in Product development, manufacturing, distributing, selling, and servicing world class products. We aspire to become a global brand that is trusted by our customers for our tools, accessories, and equipment.

Believing that to build a great tool you need great materials is the driver of our manufacturing process, and for that we source the absolute best raw materials and components to build the most powerful and efficient tool for our customers to rely on.

We put our customers at the heart of everything we do, and we make sure that our wide range of products is available for them in every market we enter through a strong network of central distribution centers, local distributors, and retailers. Complemented with a vast network of service centers equipped with highly qualified technicians delivering a world class customer service quality to ensure our customers complete satisfaction.

Our Values:

Reliability: Our tools are built to last, for our customers to trust that they will consistently deliver the same quality every time.

Quality: We have a passionate commitment to providing high quality tools that exceed our customers' expectations.

Value for Money: Our advanced production capabilities enable us to offer our customers an unmatched combination of reliability, quality & price.

Innovation: We continuously strive to bring innovative solutions, for our customers to have the tools they need to get the job done.

Customer Focus: Our customers are at the heart of everything we do, we listen to their needs and work to deliver what they desire.

NSFM Jet Pump

Capacity up to 70L/min(4.2m³/h)

Head up to 60m

Liquid Type:Clean water
Typology:Surface
Family:Self-priming

APPLICATION LIMITS

Manometric suction lift up to 9 m
Liquid temperature up to +40℃
Ambient temperature up to +40℃

Household Industry Municipal

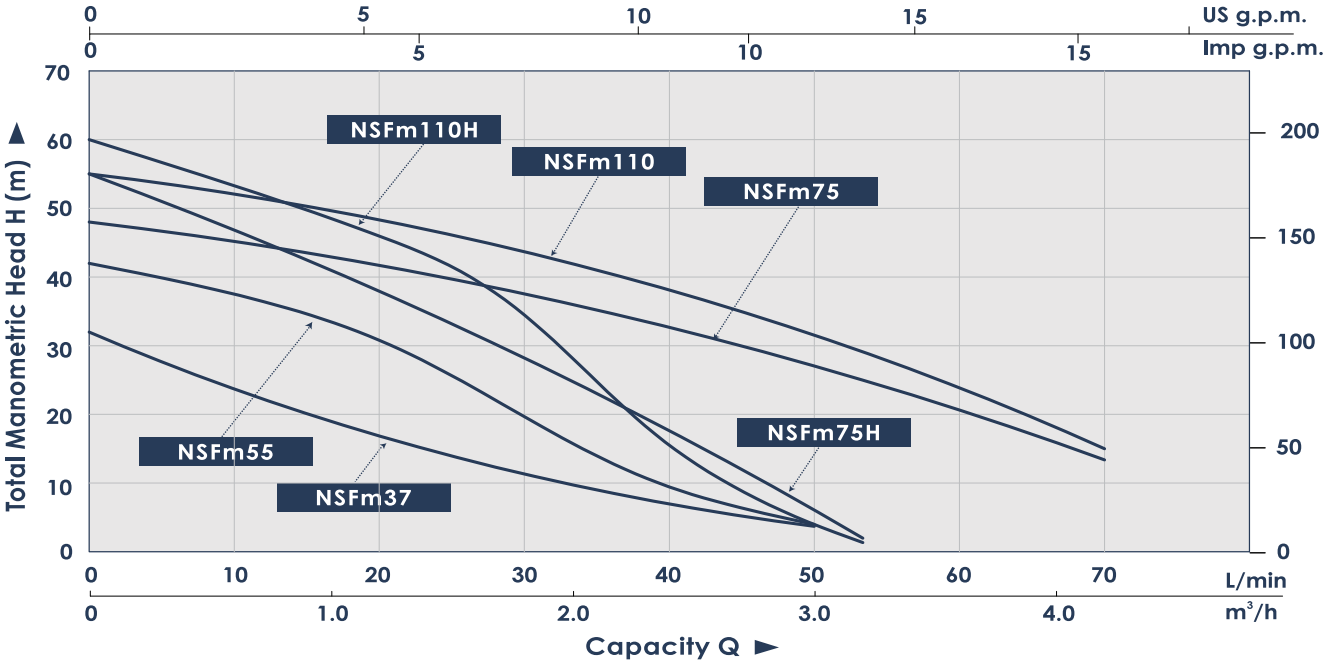
INSTALLATION & USE

They are recommended for pumping clean water without abrasive particles,and liquids that are chemically non aggressive for the materials of which the pump is made.Widely used in well water lifting, garden irrigation,vegetable greenhouse water supply, breeding industry water supply and drainage, pipeline boosting, etc.

CONSTRUCTION

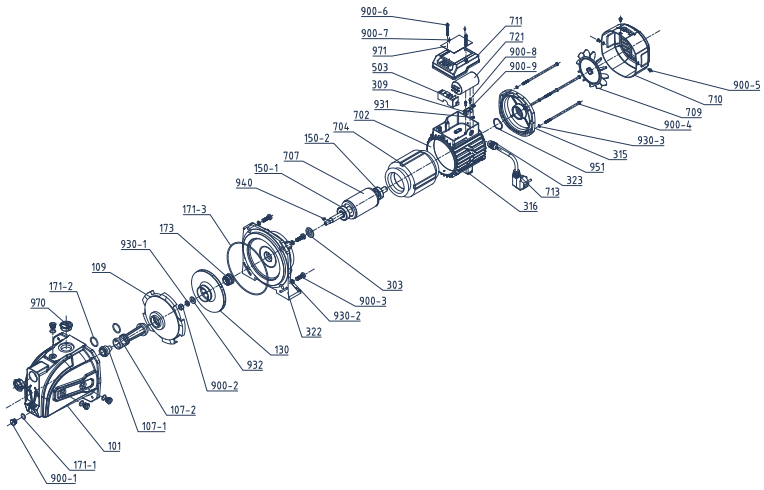
Pump Body:Cast iron.
Impeller: Stainless steel.
Motor Shaft:stainless steel
Mechanical Seal:Ceramic -graphite.
Electric Motor: Single-phase 220-240V/50Hz with condenser and thermal overload protector built into the copper winding.
Insulation:Class F.
Protection:IP 44.

PERFORMANCE



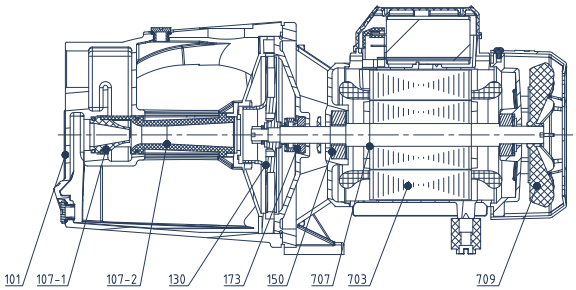
Model	Power		Current	Size	Q(m³/h)	0	0.3	0.9	1.2	1.5	2.4	3.0	3.6	4.2
	KW	HP	A	Inch	Q(L/min)	0	5	15	20	25	40	50	60	70
NSFm37	0.37	0.5	2.7	1"×1"	H(m)	32	25.7	19.3	16.9	14.4	7	-	-	-
NSFm55	0.55	0.75	3.9	1"×1"		42	35.6	32	30.8	28.1	9.5	-	-	-
NSFm75	0.75	1	5.1	1"×1"		48	43	40.7	39.5	37	32	26	23	13.4
NSFm110	1.1	1.5	7	1"×1"		55	49.4	41.8	39	36.5	32.2	30.8	24.3	15
NSFm75H	0.75	1	5.1	1"×1"		55	51.5	43.2	40.4	37.7	15.9	-	-	-
NSFm110H	1.1	1.5	7	1"×1"		60	55.3	49	46	42.6	14.8	4	-	-

DIAGRAM



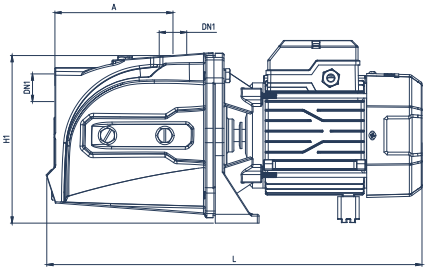
101	Pump body	710	Fan cover
107-1	Injector	711	Terminal box cover
107-2	Nozzle	713	Cable
109	Guide vane	721	Run capacitor
130	Impeller	900-1	Slotted hexagon bolt
150-1	Bearing	900-2	Slotted hexagon nut
150-2	Bearing	900-3	Hexagon headed bolt
171-1	O ring	900-4	Hexagon headed bolt
171-2	O ring	900-5	Phillips pan head screw
171-3	O ring	900-6	Phillips pan head screw
173	Mechanical seal	900-7	Nameplate rivet
303	Water retaining ring	900-8	Phillips pan head screw
309	Cable pressing plate	900-9	Cross recessed pan head screw with washer
315	End cover	930-1	Spring washer
316	Foot	930-2	Spring washer
322	Coupling	930-3	Spring washer
323	Cable gland	931	External tooth lock washer
503	Terminal Block	932	Flat washer
702	Barrel	940	Key
703	Stator core with winding	951	Wave washer
707	Cast aluminum rotor	970	Dust cover
709	Fan	971	Nameplate

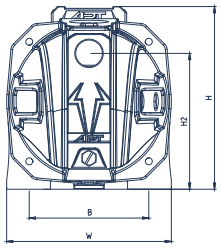
PRODUCT PARAMETERS



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
101	PUMP BODY	Cast iron
107-1	INJECTOR	
107-2	NOZZLE	Plastic PPO
130	IMPELLER	Stainless steel
150	BEARING	6202-2RZ
173	MECHANICAL SEAL	Ceramic - graphite
703	STATOR CORE	Stator core with winding
707	ROTOR	Stainless steel shaft
709	FAN	Plastic PA

PRODUCT DIMENSIONS





Model	DN1	DN2	Dimension(mm)						
			L	W	H	H1	H2	A	B
NSFm37	1"	1"	365	159.5	182.5	164	129.5	102.5	124
NSFm55	1"	1"	428	188	208	189	155	134	138
NSFm75	1"	1"	428	188	208	189	155	134	138
NSFm110	1"	1"	428	188	208	189	155	134	138
NSFm75H	1"	1"	428	188	208	189	155	134	138
NSFm110H	1"	1"	428	188	208	189	155	134	138

NSFM Jet Pump

Capacity up to 160 L/min(9.6m³ /h)

Head up to 85m

Liquid Type:Clean water
Typology:Surface
Family:Self-priming

APPLICATION LIMITS

Manometric suction lift up to 9 m
Liquid temperature up to +40℃
Ambient temperature up to +40℃

Household Industry Municipal

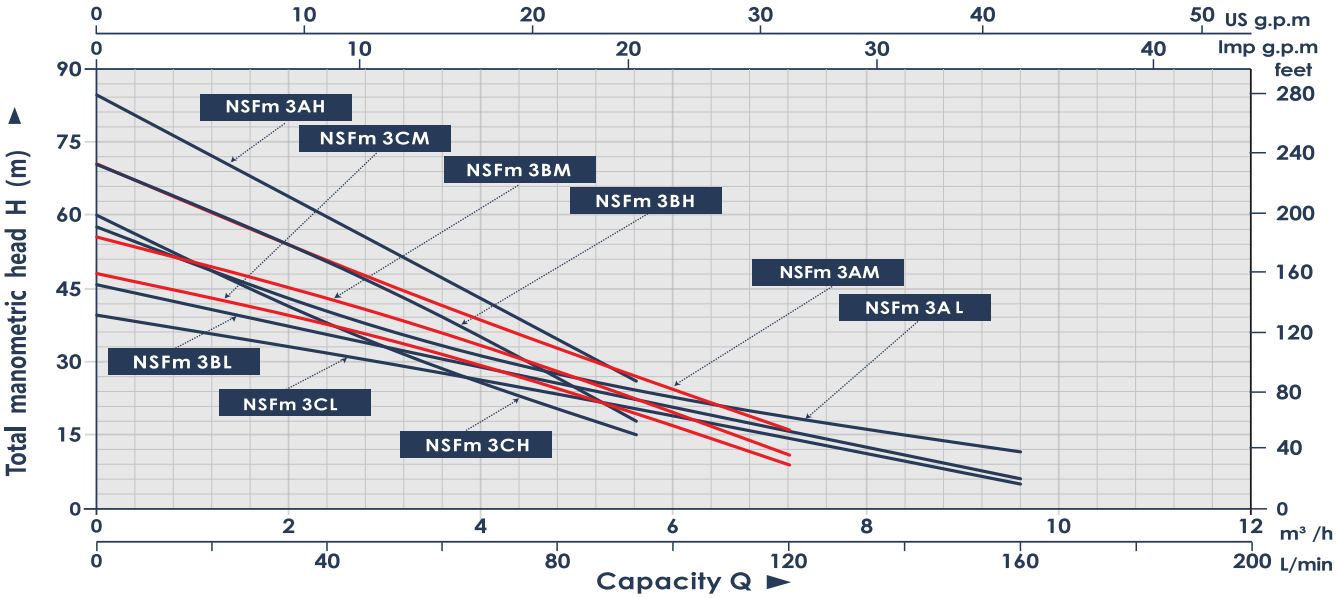
INSTALLATION & USE

They are recommended for pumping clean water without abrasive particles,and liquids that are chemically non aggressive for the materials of which the pump is made.Widely used in well water lifting, garden irrigation,vegetable greenhouse water supply, breeding industry water supply and drainage, pipeline boosting, etc.

CONSTRUCTION

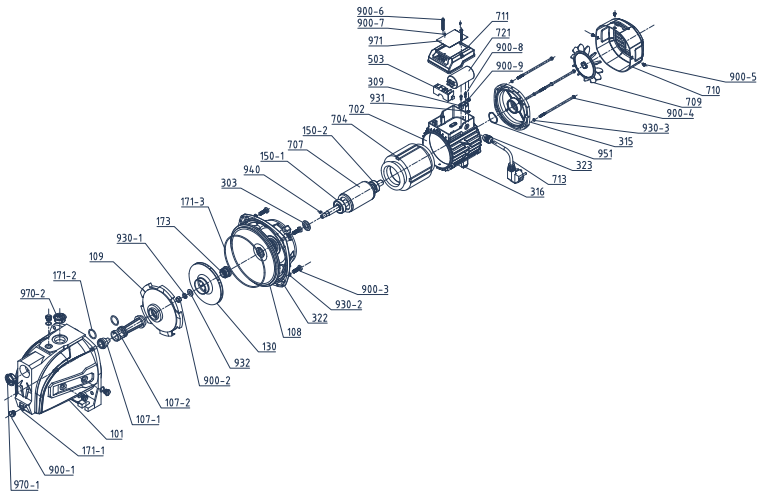
Pump Body:Cast iron.
Impeller: Stainless steel.
Motor Shaft:stainless steel
Mechanical Seal:Ceramic -graphite.
Electric Motor: Single-phase 220-240V/50Hz with condenser and thermal overload protector built into the copper winding.
Insulation:Class F.
Protection:IP 44.

PERFORMANCE



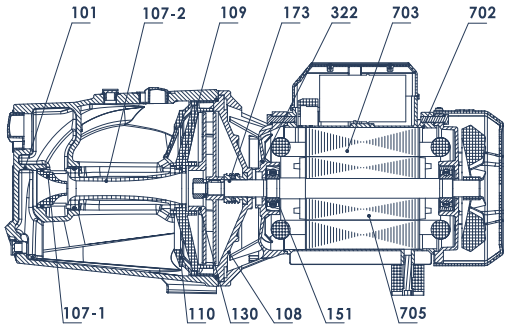
Model	Power		Current	Size	Q(m³/h)	0	0.9	1.8	2.7	3.0	4.2	4.8	5.4	6.6	7.2	7.8	8.4	9.6
	KW	HP	A	Inch	Q(L/min)	0	15	30	45	50	70	80	90	110	120	130	150	160
NSFm3CH	1.1	1.5	7	1 ¼"×1"		60	47.7	39.8	34.5	32.7	29	24	15	-	-	-	-	-
NSFm3BH	1.5	2	9.4	1 ¼"×1"		70	58.7	52	47	45	33	26	18	-	-	-	-	-
NSFm3AH	2.2	3	13.7	1 ¼"×1"		85	71	64	56	53	47	30	26	-	-	-	-	-
NSFm3CM	1.1	1.5	7	1 ¼"×1"		48	44	39.8	36.1	34.8	30.9	28.6	25	19	9	-	-	-
NSFm3BM	1.5	2	9.4	1 ¼"×1"	H(m)	56	50.7	46.4	42	40.5	35.5	32.9	30.4	21.6	11	-	-	-
NSFm3AM	2.2	3	13.7	1 ¼"×1"		70	67	63	54	46	40	36	32	23	16	-	-	-
NSFm3CL	1.1	1.5	7	1 ¼"×1 ¼"		40	37.2	33.7	30.3	29.5	26.6	25.1	23.7	20.7	14	12	10	5
NSFm3BL	1.5	2	9.4	1 ¼"×1 ¼"		46	44	40.6	35.7	33	30	27.5	25.6	22.3	20	16	11	6
NSFm3AL	2.2	3	13.7	1 ¼"×1 ¼"		58	54	50	40	37	34	30	27.5	23	21	18	14	12

DIAGRAM



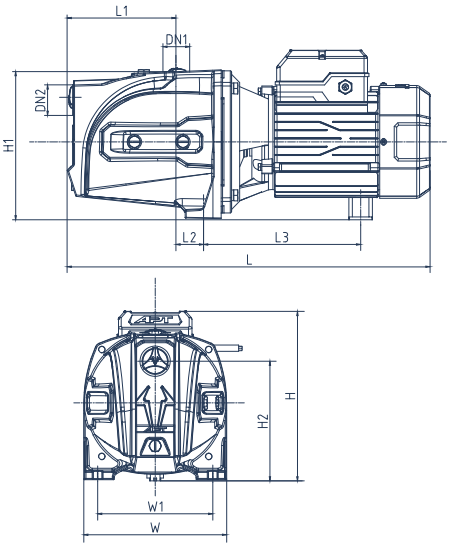
101	Pump body	709	Fan
107-1	Injector	710	Fan cover
107-2	Nozzle	711	Terminal box cover
108	Pump cover	900-1	Slotted hexagon bolt
109	Guide vane	900-2	Slotted hexagon nut
130	Impeller	900-3	Hexagon headed bolt
150-1	Bearing	900-4	Hexagon headed bolt
150-2	Bearing	900-5	Phillips pan head screw
171-1	O ring	900-6	Phillips pan head screw
171-2	O ring	900-7	Nameplate rivet
171-3	O ring	900-8	Phillips pan head screw
173	Mechanical seal	900-9	Crossed round head screw with washer
303	Water retaining ring	930-1	Spring washer
309	Cable pressing plate	930-2	Spring washer
315	End cover	930-3	Spring washer
316	Foot	931	External tooth lock washer
322	Coupling	932	Flat washer
323	Cable gland	940	Key
503	Terminal Block	951	Wave washer
702	Barrel	970-1	Dust cover
703	Stator core with winding	970-2	Dust cover
707	Rotor	971	Nameplate

PRODUCT PARAMETERS



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
101	PUMP BODY	Cast iron
107-1	INJECTOR	
107-2	NOZZLE	Plastic PPO
108	PUMP COVER	Cast iron
109	GUIDR VANE	Plastic PPO
110	GUIDE VANE COVER	Plastic PPO
130	IMPELLER	Stainless steel
151	BEARING	6202-2RZ
173	MECHANICAL SEAL	Ceramic - graphite
322	COUPLING	
702	BARREL	
703	STATOR	Stator core with winding
705	ROTOR	

PRODUCT DIMENSIONS



Model	DN1	DN2	Dimension(mm)								
			L	W	H	L1	L2	L3	W1	H1	H2
NSFm3CH	1"	1"	522	206	244	157	40	227	166	213	170
NSFm3BH	1"	1"	522	206	244	157	40	227	166	213	170
NSFm3AH	1"	1"	522	206	244	157	40	227	166	213	170
NSFm3CM	1"	1"	522	206	244	157	40	227	166	213	170
NSFm3BM	1"	1"	522	206	244	157	40	227	166	213	170
NSFm3AM	1"	1"	522	206	244	157	40	227	166	213	170
NSFm3CL	1"	1"	522	206	244	157	40	227	166	213	170
NSFm3BL	1"	1"	522	206	244	157	40	227	166	213	170
NSFm3AL	1"	1"	522	206	244	157	40	227	166	213	170

GJSM Jet Pump

Capacity up to 67 L/min(4m³/h)

Head up to 55m

Liquid Type:Clean water
Typology:Surface
Family:Self-priming

APPLICATION LIMITS

Manometric suction lift up to 9 m
Liquid temperature up to +40℃
Ambient temperature up to +40℃

Household Industry Municipal

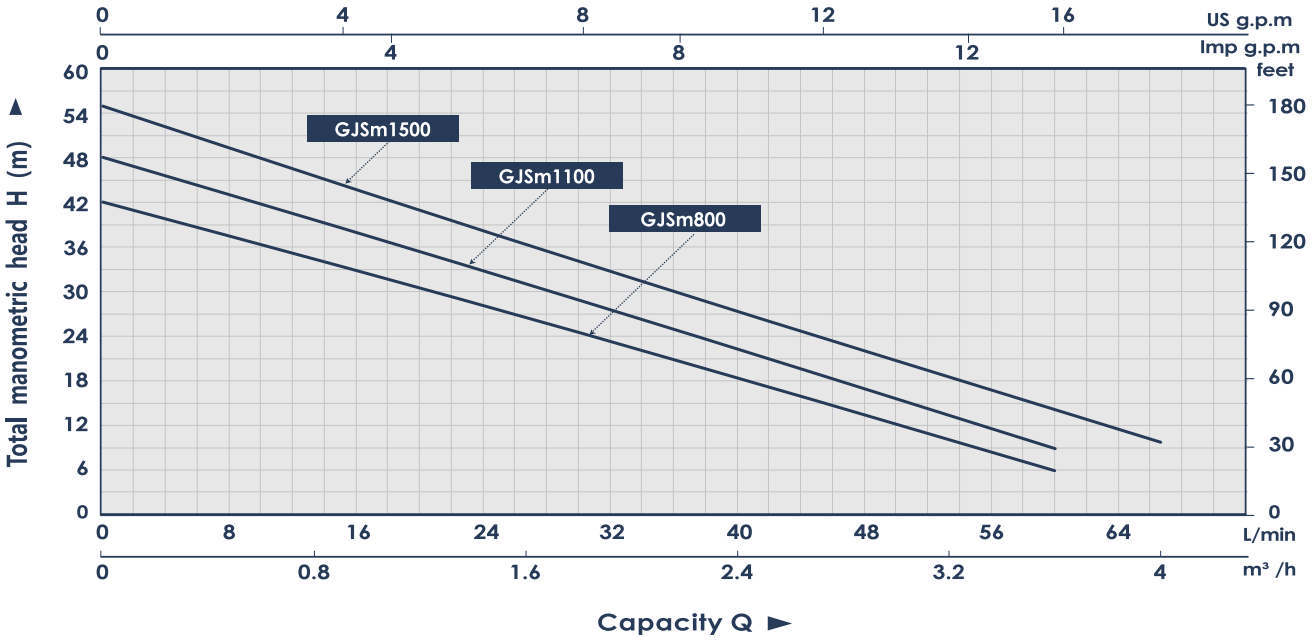
INSTALLATION & USE

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made.As a result of their reliability and the fact that they are easy to use,these pumps are widely used in the domestic place and particular in distributing water in combination with small auutoclaves,for transferring liquids and for the irrigating applications.The pumps should be installed in enclosed enviroment,or at least sheltered from inclement weather.

CONSTRUCTION

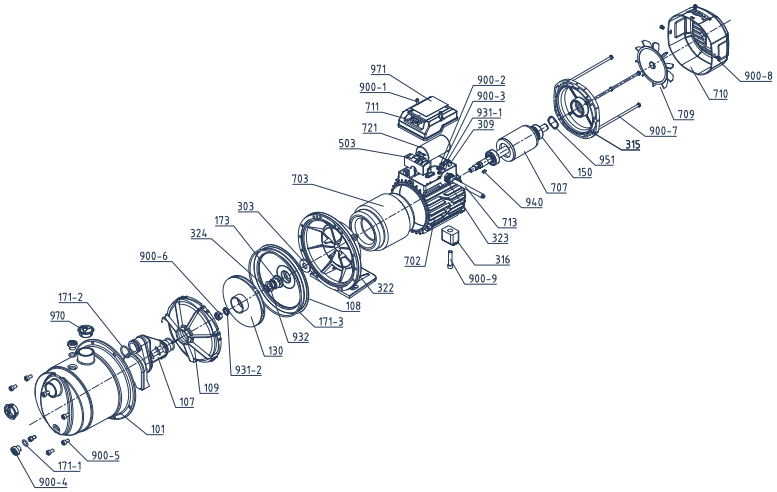
Pump Body: Stainless steel.
Impeller: PPO.
Motor Shaft: 304 stainless steel shaft.
Mechanical Seal: Ceramic - graphite.
Electric Motor: Single-phase 220-240V/50Hz with condenser and thermal overload protector built into the copper winding.
Insulation: Class F.
Protection: IP 44.

PERFORMANCE



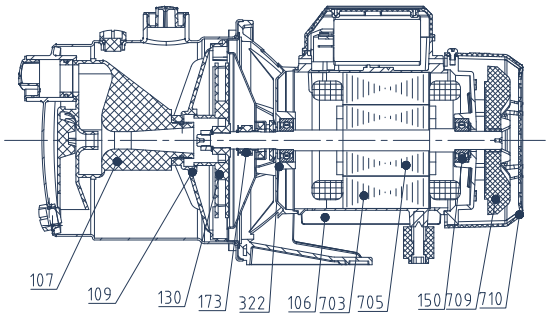
Model	Power		Current	Size	Q(m³/h)	0	0.3	0.6	0.9	1.2	1.8	2.1	3.0	3.6	4
	KW	HP	A	Inch	Q(L/min)	0	5	10	15	20	30	35	50	60	67
GJSm800	0.8	1.1	42	1"×1"	H(m)	42	40	36.3	34	30.5	26.1	24.2	15.1	6	-
GJSm1100	1.1	1.5	48	1"×1"		48	43.1	40.2	37.2	35	30	27.2	15	9	-
GJSm1500	1.5	2	55	1"×1"		55	50.4	47.2	44	40.7	35.4	33.3	27.3	16	10

DIAGRAM



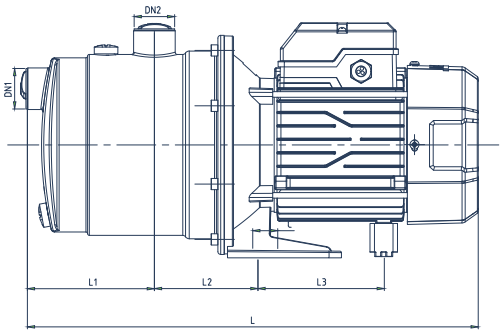
101	Pump body	711	Terminal box cover
107	Injector	713	Cable
108	Pump cover	721	Run capacitor
109	Guide vane	900-1	Phillips pan head screw
130	Impeller	900-2	Screw
150	Bearing	900-3	Phillips pan head screw
171-1	O ring	900-4	Vent cock
171-2	O ring	900-5	Hexagon socket head cap screw
171-3	O ring	900-6	Lock nut
173	Mechanical seal	900-7	Hexagon headed bolt
303	Water retaining ring	900-8	Screw
309	Cable pressing plate	900-9	Crossed round head screw with washer
315	End cover	930-1	Spring washer
316	Foot	930-2	Spring washer
322	Coupling	930-3	Spring washer
323	Cable gland	931-1	External tooth lock washer
324	Snap Spring	931-2	External tooth lock washer
503	Terminal Block	932	Flat washer
702	Barrel	940	Key
703	Stator core with winding	951	Wave washer
707	Rotor	970	Dust cover
709	Fan	971	Nameplate
710	Fan cover		

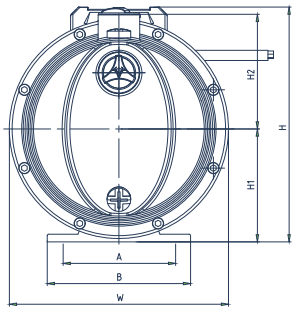
PRODUCT PARAMETERS



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
106	PUMP CASING	Cast iron
107	EJECTOR	Imported engineering plastics
109	GUIDR VANE	Imported engineering plastics
130	IMPELLER	Plastic PPO
150	BEARING	6202-2RZ
173	MECHANICAL SEAL	Ceramic - graphite
322	COUPLING	Cast iron
703	STATOR	Stator core with winding
707	ROTOR	
709	FAN	Plastic
710	FAN COVER	Plastics ABS

PRODUCT DIMENSIONS





Model	DN1	DN2	Dimension(mm)										
			L	W	H	H1	H2	L1	L2	L3	A	B	C
GJSm800	1"	1"	403	195	209	100.5	102	113	92	112.5	95	127.5	21
GJSm1100	1"	1"	403	195	209	100.5	102	113	92	112.5	95	127.5	21
GJSm1500	1"	1"	403	195	209	100.5	102	113	92	112.5	95	127.5	21

JSPM Jet Pump

Capacity up to 60 L/min(3.6m³/h)

Head up to 48m

Liquid Type:Clean water
Typology:Surface
Family:Self-priming

APPLICATION LIMITS

Manometric suction lift up to 9 m
Liquid temperature up to +40℃
Ambient temperature up to +40℃

Household Industry Municipal

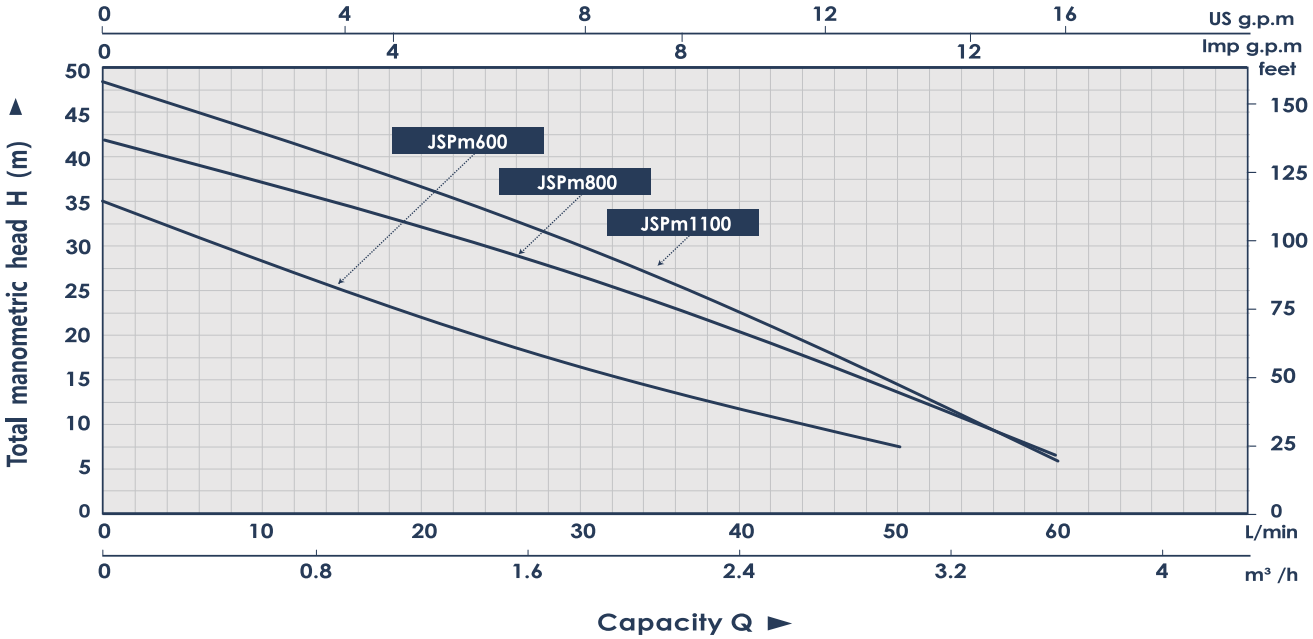
INSTALLATION & USE

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made.As a result of their reliability and the fact that they are easy to use,these pumps are widely used in the domestic place and particular in distributing water in combination with small auutoclaves,for transferring liquids and for the irrigating applications.The pumps should be installed in enclosed enviroment,or at least sheltered from inclement weather.

CONSTRUCTION

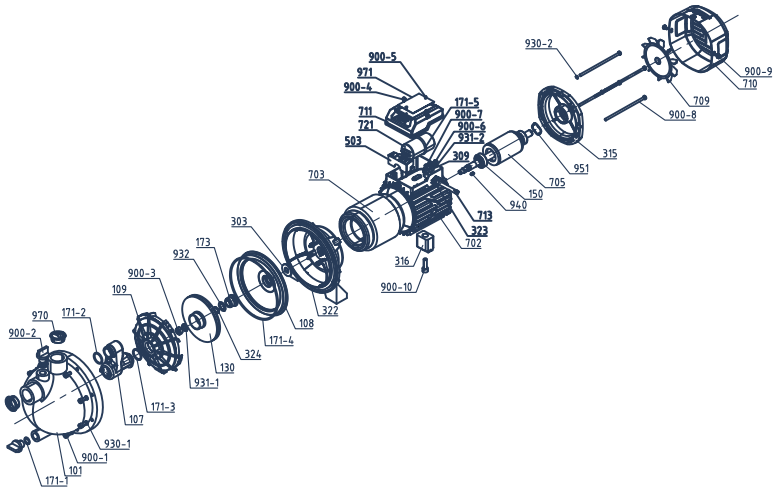
Pump Body: PPO.
Impeller: PPO.
Motor Shaft: 304 stainless steel shaft.
Mechanical Seal: Ceramic - graphite.
Insulation: Class F.
Protection: IP 44.

PERFORMANCE



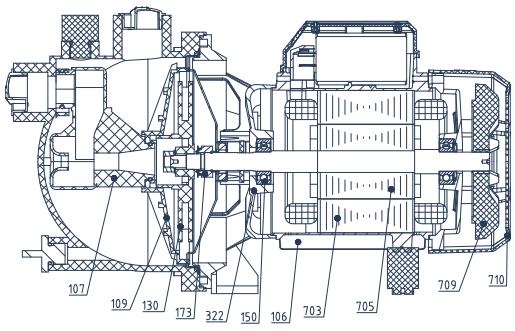
Model	Power		Current	Size	Q(m³/h)	0	0.3	0.6	0.9	1.2	1.8	2.1	2.4	3	3.6
	KW	HP	A	Inch	Q(L/min)	0	5	10	15	20	30	35	40	50	60
JSPm600	0.6	0.8	4.2	1"×1"	H(m)	35	31.4	27.9	24.5	21.7	16.7	14.6	13.3	7.5	-
JSPm800	0.8	1.1	5.5	1"×1"		42	38.5	34.5	32.1	30	26.5	24.8	23.3	18.5	6.6
JSPm1100	1.1	1.5	7	1"×1"		48	43	38.5	37	34.8	29.9	28	26	16	5.8

DIAGRAM



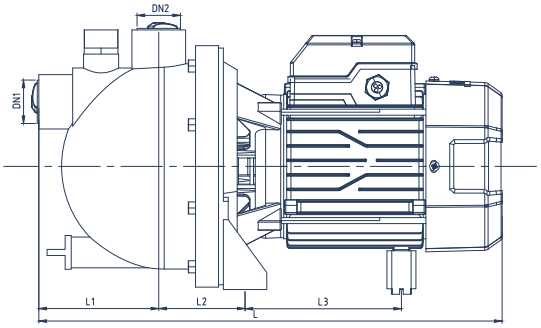
101	Pump body	710	Fan cover
107	Injector	711	Terminal box cover
108	Pump cover	713	Cable
109	Guide vane	721	Run capacitor
130	Impeller	900-1	Hexagon socket head cap screw
150	Bearing	900-2	Vent cock
171-1	O ring	900-3	Lock nut
171-2	O ring	900-4	Phillips pan head screw
171-3	O ring	900-5	Nameplate rivet
171-4	O ring	900-6	Screw
171-5	O ring	900-7	Phillips pan head screw
173	Mechanical seal	900-8	Hexagon headed bolt
303	Water retaining ring	900-9	Screw
309	Cable pressing plate	900-10	Hexagon socket head cap screw
315	End cover	930-1	Spring washer
316	Foot	930-2	Spring washer
322	Coupling	931-1	External tooth lock washer
323	Cable gland	931-2	External tooth lock washer
503	Terminal Block	932	Flat washer
702	Barrel	940	Key
703	Stator core with winding	951	Wave washer
707	Rotor	970	Dust cover
709	Fan	971	Nameplate

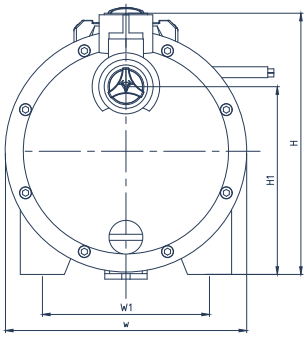
PRODUCT PARAMETERS



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
106	PUMP CASING	Cast iron
107	EJECTOR	Plastic PPO
109	GUIDR VANE	Plastic PPO
130	IMPELLER	Plastic PPO
150	BEARING	C&U bearing
173	MECHANICAL SEAL	Graphite - Ceramic
322	COUPLING	Cast iron
703	STATOR	Stator core with winding
707	ROTOR	Stainless steel
709	FAN	Plastic
710	FAN COVER	Plastics ABS

PRODUCT DIMENSIONS





Model	DN1	DN2	Dimension(mm)							
			L	W	H	H1	L1	L2	L3	W1
JSPm600	1"	1"	355	163	175	125	85	85	105	130
JSPm800	1"	1"	400	200	215	165	100	75	130	140
JSPm1100	1"	1"	400	200	215	165	100	75	130	140

QB Peripheral Pump

Capacity up to 83 L/min(5m³ /h)

Head up to 78m

Liquid Type:Clean water
Applications:Water supply systems, pressure systems,irrigation pumps
Typology:Surface
Family:Peripheral

APPLICATION LIMITS

Manometric suction lift up to 8 m
Liquid temperature up to +40℃
Ambient temperature up to +40℃

Household Industry Municipal

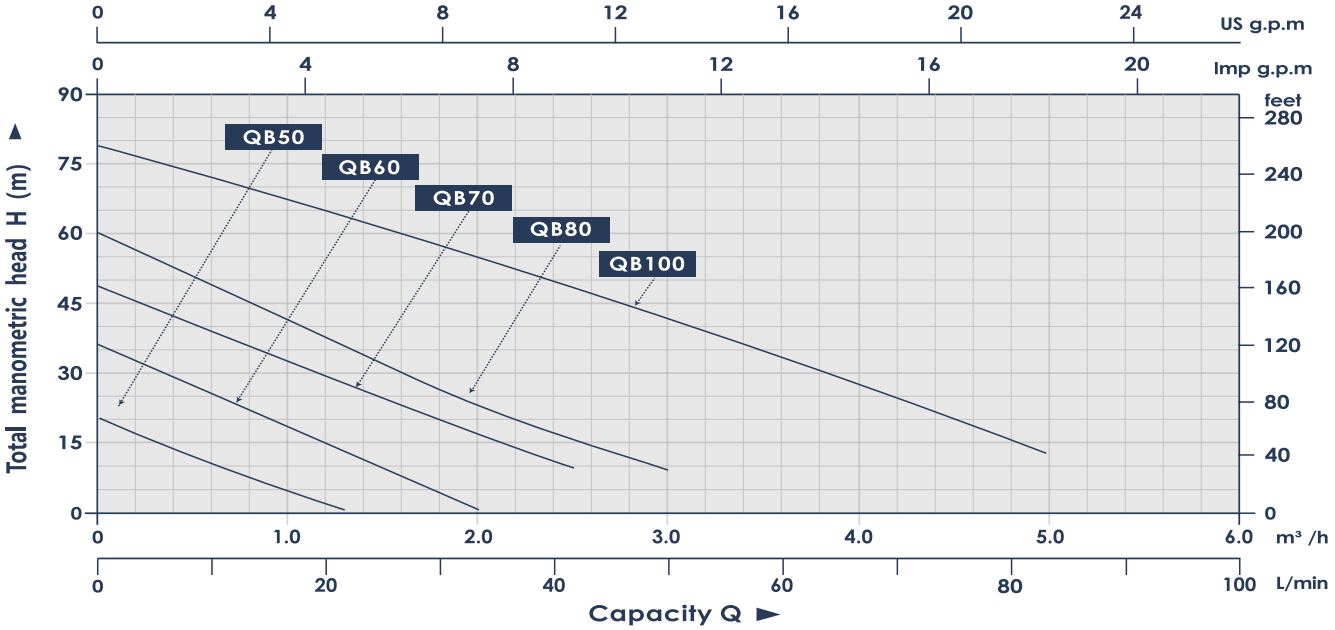
INSTALLATION & USE

They are recommended for pumping clean water without abrasive particles,and liquids that are chemically non aggressive for the materials of which the pump is made.As a result of their reliability and the fact that they are easy to use and are economical,these pumps are suitable for domestic use and in particular for distribution water in combination with small pressure sets and for the irrigation of gardens and allotments.The pumps should be installed in enclosed enviroment,or at least sheltered from inclement weather.

CONSTRUCTION

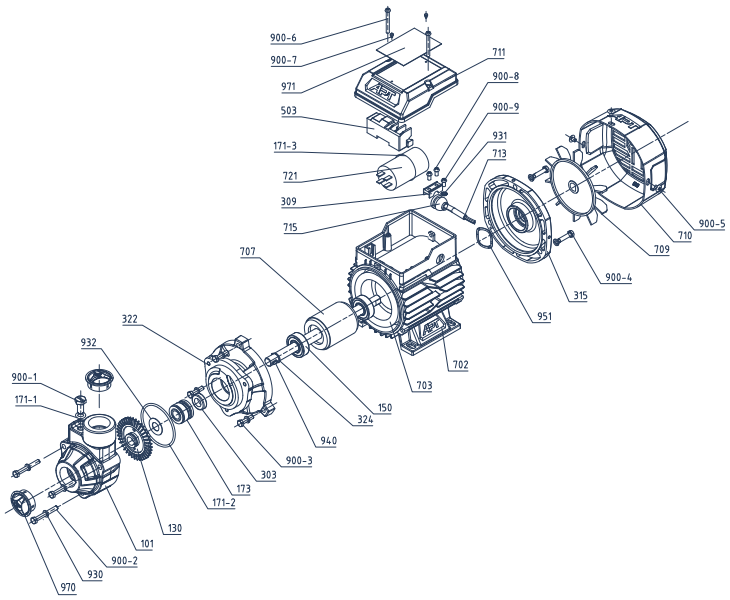
Pump Body:Cast iron.
Impeller:Brass,with radial peripheral vanes.
Motor Shaft:stainless steel
Mechanical Seal:Ceramic-graphite.
Electric Motor: Single-phase 220-240V/50Hz with condenser and thermal overload protector built into the copper winding.
Insulation:Class F.
Protection:IP 44.

PERFORMANCE



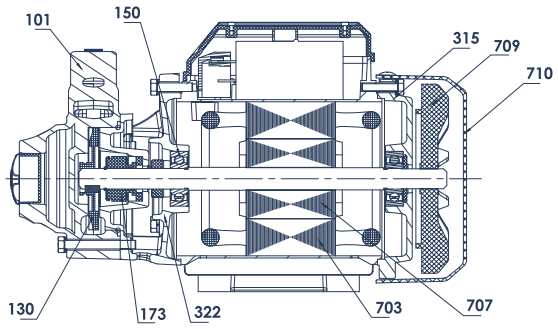
Model	Power		Current	Size	Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2	2.4	3	3.6	4.2	4.8
	KW	HP	A	Inch	Q(L/min)	0	5	10	15	20	25	30	33	40	50	60	70	80
QB50	0.125	0.17	1	1"×1"		20	15.7	10.7	6.7	1.8	-	-	-	-	-	-	-	-
QB60	0.37	0.5	2.7	1"×1"		36	30.7	24.8	19.3	14.8	8.5	2.5	-	-	-	-	-	-
QB70	0.55	0.75	3.9	1"×1"	H(m)	48	46	40.7	34.9	29.6	24.4	19.7	15.2	11	-	-	-	-
QB80	0.75	1	5.1	1"×1"		60	55.7	50.2	44.1	37	28.7	26.7	23.8	19.3	9.7	-	-	-
QB100	1.5	2	9.4	1"×1"		78	76	73.5	71.1	66.9	62.4	57.8	53.3	49.2	40.7	31.7	22.9	16.1

DIAGRAM



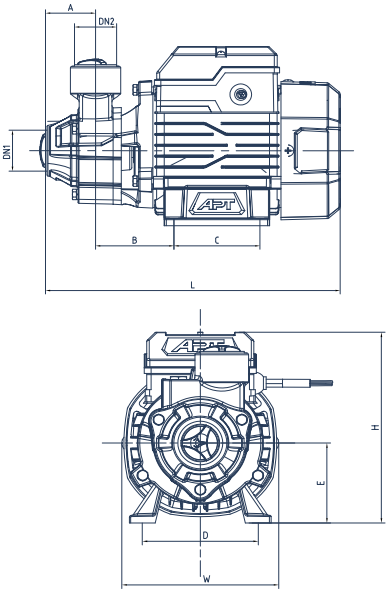
101	Pump body	713	Cable
130	Impeller	715	Cable sheath
150	Bearing	721	Run capacitor
171-1	O ring	900-1	Hexagon headed bolt
171-2	O ring	900-2	Hexagon headed bolt
171-3	O ring	900-3	Hexagon headed bolt
173	Mechanical Seal	900-4	Hexagon headed bolt
303	Water Retaining Ring	900-5	Phillips pan head screw
309	Cable pressing plate	900-6	Phillips pan head screw
315	End cover	900-7	Nameplate rivet
322	Connector	900-8	Phillips pan head screw
324	Snap Spring	900-9	Crossed round head screw with washer
503	Terminal block	930	Spring Washer
702	Barrel	931	External tooth lock washer
703	Stator core with winding	932	Flat Washer
707	Cast aluminum rotor	940	key
709	Fan	951	Wave washer
710	Fan cover	970	Dust cover
711	Terminal box	971	Nameplate

PRODUCT PARAMETERS



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
101	PUMP BODY	Cast iron
130	IMPELLER	Brass
150	BEARING	6201-2RZ
173	MECHANICAL SEAL	Ceramic - graphite
315	END COVER	Cast iron
322	COUPLING	Cast iron
703	STATOR CORE	Stator core with winding
707	ROTOR	Cast aluminum rotor
709	FAN	Plastics
710	FAN COVER	Plastics ABS

PRODUCT DIMENSIONS



Model	DN1	DN2	Dimension(mm)							
			L	W	H	A	B	C	D	E
QB50	1"	1"	224.5	130	158.8	40	59	55	103.5	65
QB60	1"	1"	250	126	157	41.5	67	73.5	92	66
QB70	1"	1"	283	149.5	182.5	47.5	67.5	90.5	112.5	74
QB80	1"	1"	283	149.5	182.5	47.5	67.5	90.5	112.5	74
QB100	1"	1"	336	174	213.5	57	86	100	124.5	85

CPM Centrifugal Pump

Capacity up to 133 L/min(8m³/h)

Head up to 48m

APPLICATION LIMITS

Maximum operating depth 7m below water level

Liquid temperature+40℃

Ambient temperature up to+40℃

Household Industry Municipal

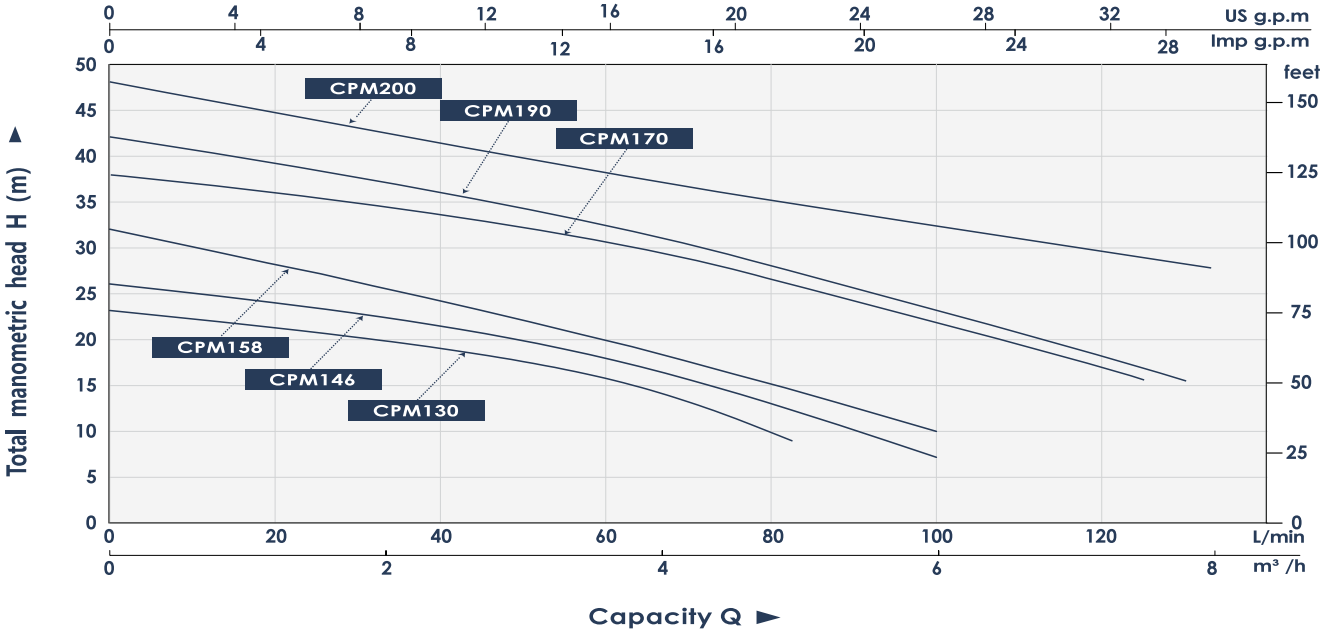
INSTALLATION & USE

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. As a result of their reliability and the fact that they are easy to use, these pumps are widely used in domestic and civil applications such as the distribution of water in combination with small and medium sized pressure sets, for transferring liquids and for the irrigation of gardens and allotments. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

CONSTRUCTION

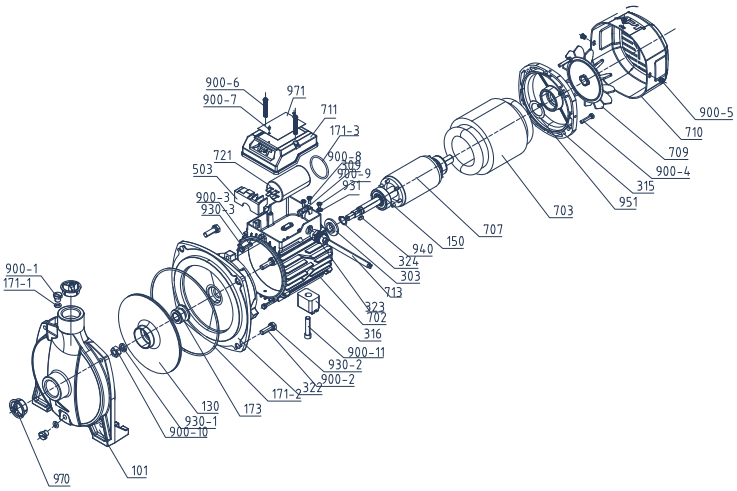
Pump Body: Cast iron
Impeller: stainless steel
Motor Shaft: 304 stainless steel shaft
Mechanical Seal: Ceramic - graphite
Electric Motor: Cpm:Single-phase 220-240V/50Hz with condenser and thermal overload protector built into the copper winding.
Insulation:Class F.
Protection: IP 44.

PERFORMANCE



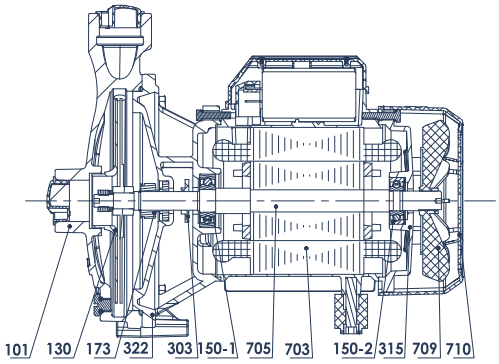
Model	Power		Current	Size	Q(m³/h)	0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8
	KW	HP	A	Inch	Q(L/min)	0	15	30	45	60	75	90	105	120	133
CPm130	0.37	0.5	3	1"×1"	H(m)	23	21.9	20.5	18.6	15.8	11.7	-	-	-	-
CPm146	0.55	0.75	4.5	1"×1"		26	23.4	21.8	20	17.8	14.4	10	-	-	-
CPm158	0.75	1	6.4	1"×1"		32	25.7	24.5	22.6	19.8	16.8	12.6	-	-	-
CPm170	1.1	1.5	8.2	1¼"×1"		38	36	34	32.3	30.6	27.1	23.8	21.6	16.9	-
CPm190	1.5	2	10.9	1"×1"		42	38.7	36.4	34.2	32.5	29.7	25.2	22.6	18.2	-
CPm200	2.2	3	14	1"×1"		48	46	43.5	40.7	38.1	36.3	34.6	33	30.6	27.9

DIAGRAM



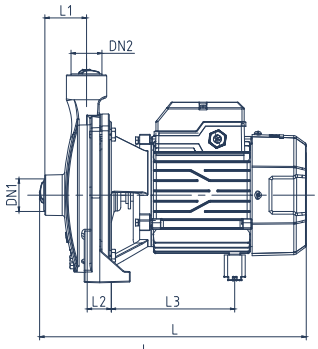
101	Pump body
130	Impeller
150	Bearing
171-1	O ring
171-2	O ring
171-3	O ring
173	Mechanical seal
303	Water retaining ring
309	Cable pressing plate
315	End cover
316	Foot
322	Coupling
323	Cable gland
324	Circlip
503	Terminal Block
702	Barrel
703	Stator core with winding
707	Rotor
709	Fan
710	Fan cover
711	Terminal box
713	Cable
721	Run capacitor
900-1	Vent cock
900-2	Hexagon headed bolt
900-3	Hexagon headed bolt
900-4	Hexagon headed bolt
900-5	Phillips pan head screw
900-6	Phillips pan head screw
900-7	Nameplate rivet
900-8	Phillips pan head screw
900-9	Cross recessed round head screw with washer
900-10	Slotted hexagon nut
900-11	Hexagon socket head cap screw
930-1	Spring washer
930-2	Spring washer
930-3	Spring washer
931	External tooth Lock washer
940	Key
951	Wave washer
970	Dust cover
971	Nameplate

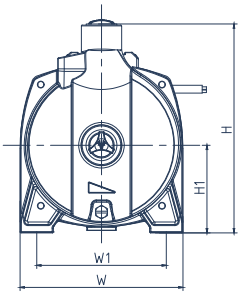
PRODUCT PARAMETERS



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
101	PUMP BODY	Cast iron
130	IMPELLER	Stainless steel
150-1	BEARING	6202-2RZ
150-2	BEARING	6202-2RZ
173	MECHANICAL SEAL	Ceramic - graphite
303	WATER RETAINING RING	Rubber
315	END COVER	Cast iron
322	COUPLING	Cast iron
703	STATOR	Stator core with winding
705	ROTOR	
709	FAN	Plastic PP
710	FAN COVER	Plastic ABS

PRODUCT DIMENSIONS





Model	DN1	DN2	Dimension(mm)							
			L	W	H	L1	L2	L3	W1	W2
CPm130	1"	1"	269	161	217	45	35	114	125	87
CPm146	1"	1"	312	175	231	48.5	36	131	140	100
CPm158	1"	1"	312	190	248	48.5	40.5	132.5	151	103
CPm170	1.25"	1"	359	205	274	50.5	38	169	164	119
CPm190	1"	1"	355	229	296	50.5	41	155	187	126
CPm200	1"	1"	418	229	282	50.5	41	184	187	117

2CPM Centrifugal Pump

Capacity up to 233 L/min(14m³/h)

Head up to 61.6m

APPLICATION LIMITS

Manometric suction lift up to 7 m
Liquid temperature+40℃
Ambient temperature up to+40℃

Household Industry Municipal

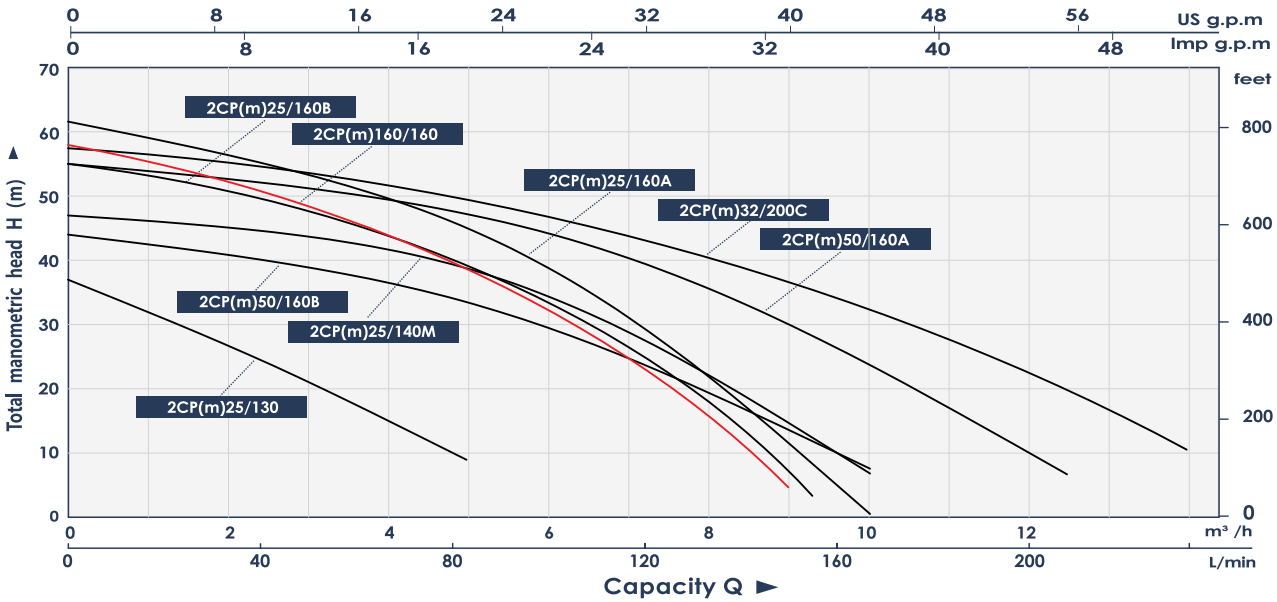
INSTALLATION & USE

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. As a result of their reliability and the fact that they are easy to use, these pumps are widely used in domestic and civil applications such as the distribution of water in combination with small and medium sized pressure sets, for transferring liquids and for the irrrigation of gardens and allotments. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

CONSTRUCTION

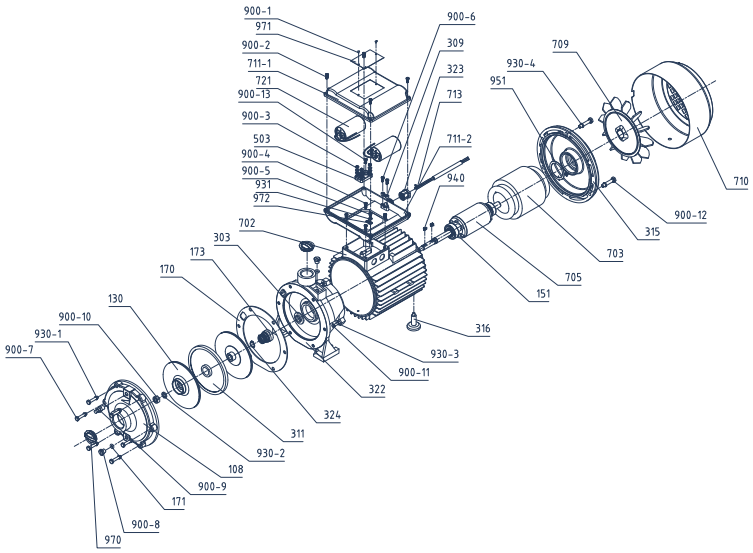
Pump Body: Cast iron
Impeller: Brass with centrifugal radial flow type.
Motor Shaft: 304 stainless steel shaft.
Mechanical Seal: Ceramic - graphite.
Electric Motor: 2CPm:Single-phase 220-240V/50Hz with condenser and thermal overload protector built into the copper winding.2CP:three-phase 380-415V/50Hz.
Insulation: Class F.
Protection: IP 44.

PERFORMANCE



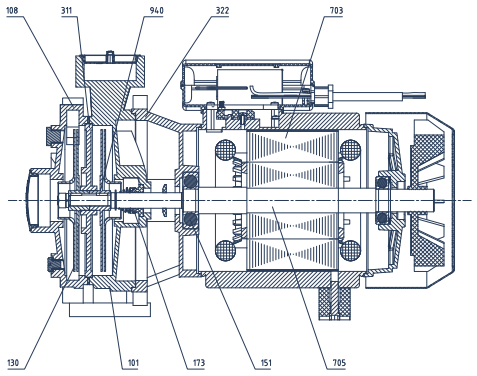
Model	Power		Current(A)		Size	Q(m³/h)	0	2.4	3	4.2	4.8	6	6.6	8.4	9.6	10.8	12	13.2
	KW	HP	1~	3~	Inch	Q(L/min)	0	40	50	70	80	100	110	140	160	180	200	220
2CP(m)25/130	0.75	1	5.5	1.8	1¼"×1"	H(m)	37	24.5	22.1	11.3	10	-	-	-	-	-	-	-
2CP(m)25/140M	1.1	1.5	7.8	3.8	1½"×1"		47	44.2	43.3	41.5	39.4	33.3	30	16.9	10	-	-	-
2CP(m)160/160	1.5	2	11.4	4	1¼"×1"		58	50.3	47.9	43.2	39.7	30.4	26.1	11.6	-	-	-	-
2CP(m)25/160B	1.5	2	10.5	3.8	1¼"×1"		55	50	47	43	40	33.3	29.3	14	-	-	-	-
2CP(m)25/160A	2.2	3	14	5.7	1¼"×1"		61.6	57	53	48	46	42	36.9	21.5	4.5	-	-	-
2CP(m)32/200C	3	4	17.1	6	1½"×1¼"		57.5	54	53	51	49.5	46.8	44.9	40.5	35.5	30.5	24	15.5
2CP(m)50/160B	1.5	2	9	3.9	2"×2"		44	40	37.7	35.3	34.1	29.4	26.9	17	10	-	-	-
2CP(m)50/160A	2.2	3	13.2	5.9	2"×2"		55	52.5	51.5	49.1	47.5	44.2	41.4	34	23.9	20	10	-

DIAGRAM



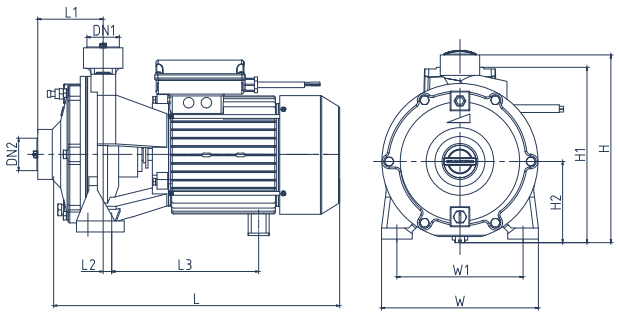
108	Pump cover
130	Impeller
151	Deep groove ball bearings
171	O ring
173	Mechanical seal
303	Water retaining ring
309	Cable pressing plate
311	Baffle
315	End cover
316	Foot
322	Coupling
323	Cable gland
324	Circlip
503	Terminal
702	Barrel
703	Stator core with winding
705	Rotor
709	Fan
710	Fan cover
711-1	Terminal box cover
711-2	Terminal box lower Cover
713	Cable
721	Capacitor
900-1	Nameplate rivet
900-2	Phillips pan head screw
900-3	Slotted hexagon nut
900-4	Phillips pan head screw
900-5	Screw
900-6	Phillips pan head screw
900-7	Hexagon headed bolt
900-8	Slotted cylinder head screw
900-9	Vent cock
900-10	Slotted hexagon nut
900-11	Slotted cylinder head screw
900-12	Slotted cylinder head screw
900-13	Phillips pan head screw
930-1	Spring washer
930-2	Spring washer
930-3	Spring washer
930-4	Spring washer
931	External tooth Lock washer
940	Key
951	Wave washer
970	Dust cover
971	Nameplate
972	Ground sign

PRODUCT PARAMETERS



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
101	PUMP BODY	Cast iron
108	PUMP COVER	Cast iron
130	IMPELLER	Double impeller, brass
151	BEARING	Deep groove ball bearings
173	MECHANICAL SEAL	Ceramic/Graphite/Nitrile rubber
311	BAFFLE	Cast iron
322	COUPLING	Cast iron
703	STATOR CORE	Stator core with winding
705	ROTOR	Stainless steel
940	KEY	Stainless steel

PRODUCT DIMENSIONS

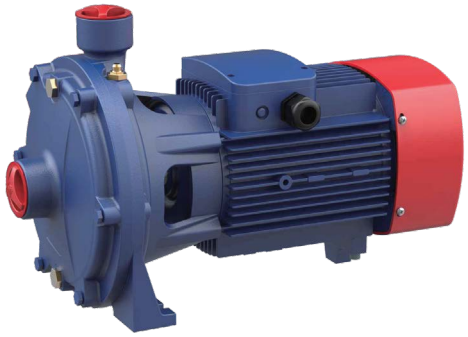


Model	DN1	DN2	Dimension(mm)								
			L	W	H	L1	L2	L3	W1	H1	H2
2CP(m)25/130	1"	1.25"	335	185	225	72	15	158	150	205	85
2CP(m)25/140M	1"	1.5"	420	225	265	90	25	195	180	260	110
2CP(m)160/160	1"	1.25"	420	225	265	90	25	195	180	260	110
2CP(m)25/160B	1"	1.5"	420	225	265	90	25	195	180	260	110
2CP(m)25/160A	1"	1.5"	450	240	290	100	40	205	190	270	120
2CP(m)32/200C	1.25"	1.5"	480	255	320	105	35	213	222	290	135
2CP(m)50/160B	2"	2"	445	225	285	85	65	215	150	270	125
2CP(m)50/160A	2"	2"	430	225	285	85	65	230	150	270	125

2CP Centrifugal Pump

Capacity up to 350 L/min(21m³/h)

Head up to 84 m



APPLICATION LIMITS

Manometric suction lift up to 7 m
Liquid temperature+40℃
Ambient temperature up to+40℃

Household Industry Municipal

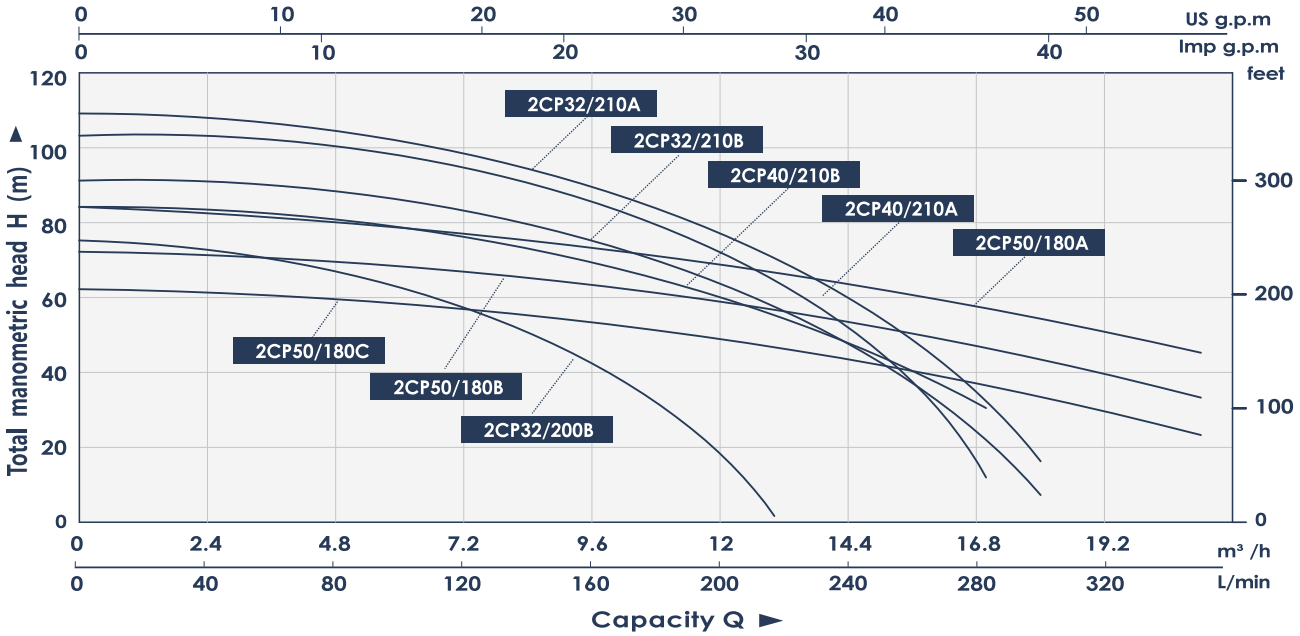
INSTALLATION & USE

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. As a result of their reliability and the fact that they are easy to use, these pumps are widely used in domestic and civil applications such as the distribution of water in combination with small and medium sized pressure sets, for transferring liquids and for the irrrigation of gardens and allotments. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

CONSTRUCTION

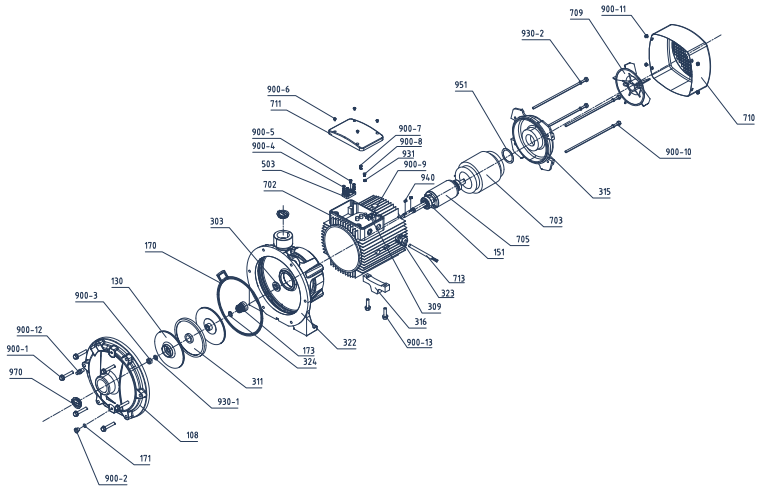
Pump Body: Cast iron
Impeller: Brass with centrifugal radial flow type.
Motor Shaft: 304 stainless steel shaft.
Mechanical Seal: Ceramic - graphite.
Electric Motor: 2CP:three-phase 380-415V/50Hz with condenser and thermal overload protector built into the copper winding.
Insulation: Class F.
Protection: IP 44.

PERFORMANCE



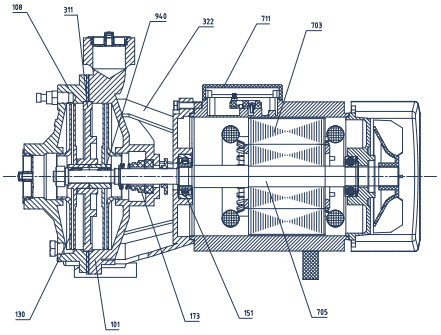
Model	Power		Current	Size	Q(m³/h)	0	4.8	5.4	6	6.6	7.2	8.4	9.6	10.8	12	15	18	21
	KW	HP	A	Inch	Q(L/min)	0	80	90	100	110	120	140	160	180	200	250	300	350
2CP32/200B	4	5.5	9.3	1½"×1 ¼"	H(m)	75	66	64	62.5	60.5	58	52	43	34	17	-	-	-
2CP32/210B	5.5	7.5	13.7	2"×1 ¼"		91	88	87	86.5	86	83	81	79	75	70	56	7	-
2CP32/210A	7.5	10	17.3	2"×1 ¼"		109	102.5	102	101	100	99	97	93	90	85	63	16	-
2CP40/210B	5.5	7.5	14	2"×1½"		84	81	80	79	78	76	75	72	68	64	44	-	-
2CP40/210A	7.5	10	17.3	2"×1½"		103	99	98	96	95	94.5	91.5	88	82	73	45	-	-
2CP50/180C	4	5.5	9.9	2"×2"		62	59	58	57	56	55	55	50	48	44	36	31	23
2CP50/180B	5.5	7.5	14.2	2"×2"		72	69	68	67	66	65	65	60	58	54	46	41	33
2CP50/180A	7.5	10	17.3	2"×2"		84	81	80	79	78	76	75	72	72	66	58	53	45

DIAGRAM



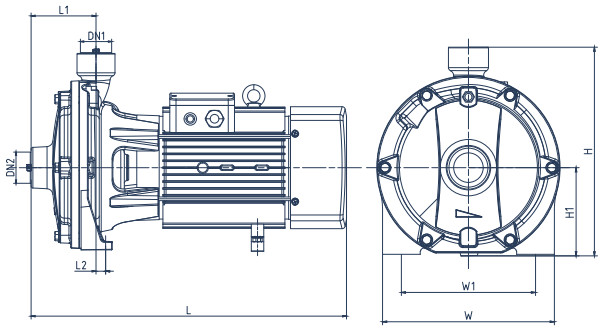
108	Pump cover
130	Impeller
151	Deep groove ball bearings
170	Gasket
171	O ring
173	Mechanical seal
303	Water retaining ring
309	Cable pressing plate
311	Baffle
315	End cover
316	Foot
322	Coupling
323	Cable gland
324	Circlip
503	Terminal
702	Barrel
703	Stator core with winding
705	Rotor
709	Fan
710	Fan cover
711	Terminal box cover
713	Cable
900-1	Hexagon flange bolt
900-2	Slotted cylinder head screw
900-3	Slotted hexagon nut
900-4	Slotted hexagon nut
900-5	Phillips pan head screw
900-6	Phillips pan head screw
900-7	Phillips pan head screw
900-8	Screw
900-9	Phillips pan head screw
900-10	Hexagon headed bolt
900-11	Screw
900-12	Vent cock
900-13	Hexagon flange bolt
930-1	Spring washer
930-2	Spring washer
931	External tooth Lock washer
940	Key
951	Wave washer
970	Dust cover

PRODUCT PARAMETERS



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
101	PUMP BODY	Cast iron
108	PUMP COVER	Cast iron
130	IMPELLER	Double impeller, brass
151	BEARING	Deep groove ball bearings
173	MECHANICAL SEAL	Ceramic/Graphite/Nitrile rubber
311	BAFFLE	Cast iron
322	COUPLING	Cast iron
703	STATOR CORE	Stator core with winding
705	ROTOR	Stainless steel
940	KEY	Stainless steel

PRODUCT DIMENSIONS



Model	DN1	DN2	Dimension(mm)						
			L	W	H	L1	L2	W1	H1
2CP32/200B	1.25"	1.5"	503	280	317	103	16	205	317
2CP32/210B	1.25"	2"	565	300	352	108	16	215	352
2CP32/210A	1.25"	2"	565	300	352	108	16	215	352
2CP40/210B	1.5"	2"	565	300	352	108	16	215	352
2CP40/210A	1.5"	2"	565	300	352	108	16	215	352
2CP50/180C	2"	2"	565	300	352	108	16	215	352
2CP50/180B	2"	2"	565	300	352	108	16	215	352
2CP50/180A	2"	2"	565	300	352	108	16	215	352

2CP Centrifugal Pump

Capacity up to 567 L/min(34m³/h)

Head up to 160m

APPLICATION LIMITS

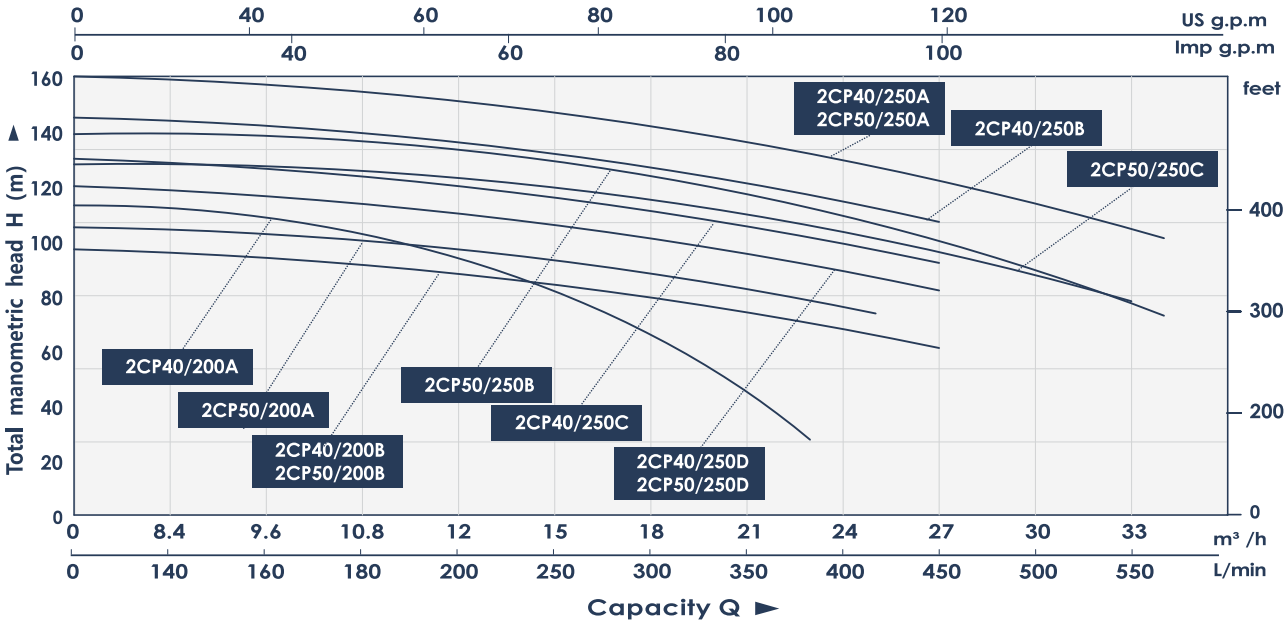
Manometric suction lift up to 7 m

Liquid temperature+40℃

Ambient temperature up to+40℃

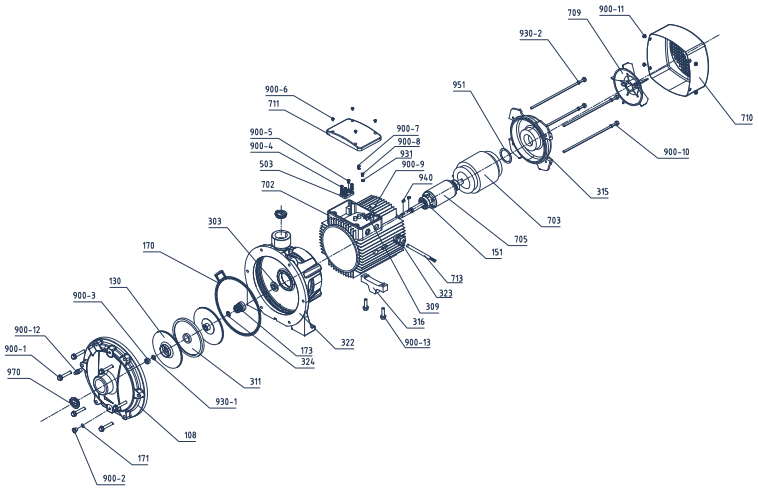
Household Industry Municipal

PERFORMANCE



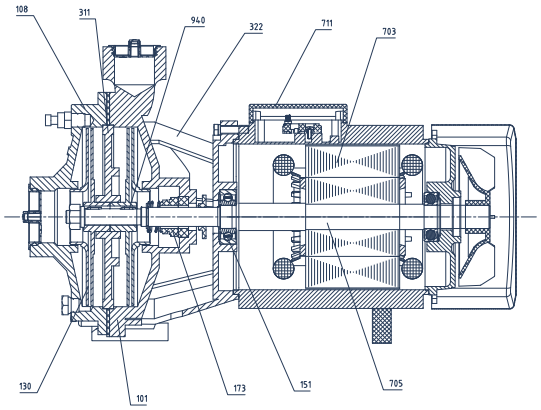
Model	Power		Current	Size	Q(m³/h)	0	8.4	9.6	10.8	12	15	18	21	24	27
	KW	HP	A	Inch	Q(L/min)	0	140	160	180	200	250	300	350	400	450
2CP40/200B	9.2	12.5	20	2"×1½"		97	91.5	91	90	88	85	80	74	68	61
2CP40/200A	11	15	23.9	2"×1½"		113	109	107	105	103	93	82	45	-	-
2CP50/200B	9.2	12.5	20	2"×2"		97	91.5	91	90	88	85	80	74	68	61
2CP50/200A	11	15	23.3	2"×2"		105	100	99	98	97	93	88	83	76	-
2CP40/250D	13	17.5	28.2	2"×1½"		120	114	113	112	110	107	103	98	91	82
2CP40/250C	15	20	36	2"×1½"	H(m)	130	124	123	122	120	117	113	108	102	92
2CP40/250B	18.5	25	40.1	2"×1½"		145	139	138	137	136	131	126	121	114	107
2CP40/250A	22	30	47.7	2"×1½"		160	155	153	152	151	146	141	135	130	122
2CP50/250D	13	17.5	28.2	2"×2"		120	114	113	112	110	107	103	98	91	82
2CP50/250C	15	20	37.5	2"×2"		128	127	125	124	123	122	117	112	108	96
2CP50/250B	18.5	25	42.4	2"×2"		139	138	137	136	135	133	129	123	113	100
2CP50/250A	22	30	51.8	2"×2"		160	155	153	152	151	146	141	135	130	122

DIAGRAM



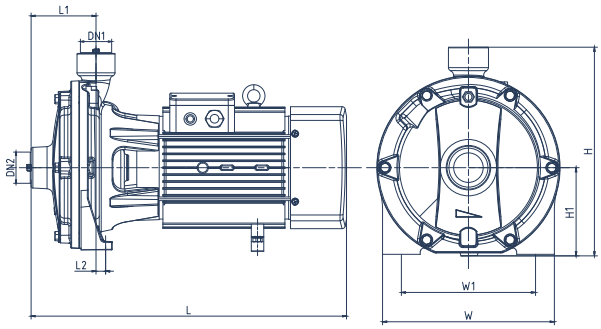
108	Pump cover
130	Impeller
151	Deep groove ball bearings
170	Gasket
171	O ring
173	Mechanical seal
303	Water retaining ring
309	Cable pressing plate
311	Baffle
315	End cover
316	Foot
322	Coupling
323	Cable gland
324	Circlip
503	Terminal
702	Barrel
703	Stator core with winding
705	Rotor
709	Fan
710	Fan cover
711	Terminal box cover
713	Cable
900-1	Hexagon flange bolt
900-2	Slotted cylinder head screw
900-3	Slotted hexagon nut
900-4	Slotted hexagon nut
900-5	Phillips pan head screw
900-6	Phillips pan head screw
900-7	Phillips pan head screw
900-8	Screw
900-9	Phillips pan head screw
900-10	Hexagon headed bolt
900-11	Screw
900-12	Vent cock
900-13	Hexagon flange bolt
930-1	Spring washer
930-2	Spring washer
931	External tooth Lock washer
940	Key
951	Wave washer
970	Dust cover

PRODUCT PARAMETERS



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
101	PUMP BODY	Cast iron
108	PUMP COVER	Cast iron
130	IMPELLER	Double impeller, brass
151	BEARING	Deep groove ball bearings
173	MECHANICAL SEAL	Ceramic/Graphite/Nitrile rubber
311	BAFFLE	Cast iron
322	COUPLING	Cast iron
703	STATOR CORE	Stator core with winding
705	ROTOR	Stainless steel
940	KEY	Stainless steel

PRODUCT DIMENSIONS



Model	DN1	DN2	Dimension(mm)						
			L	W	H	L1	L2	W1	H1
2CP40/200B	1.5"	2"	615	304	355	119	11	215	150
2CP40/200A	1.5"	2"	615	304	355	119	11	215	150
2CP50/200B	2"	2"	615	304	355	119	11	215	150
2CP50/200A	2"	2"	615	304	355	119	11	215	150
2CP40/250D	1.5"	2"	740	357	407	124	17	270	170
2CP40/250C	1.5"	2"	740	357	407	124	17	270	170
2CP40/250B	1.5"	2"	740	357	407	124	17	270	170
2CP40/250A	1.5"	2"	740	357	407	124	17	270	170
2CP50/250D	2"	2"	740	357	407	124	17	270	170
2CP50/250C	2"	2"	740	357	407	124	17	270	170
2CP50/250B	2"	2"	740	357	407	124	17	270	170
2CP50/250A	2"	2"	740	357	407	124	17	270	170

GHFM Centrifugal Pump

Capacity up to 500 L/min(30 m^3/h)

Head up to 20 m

APPLICATION LIMITS

Manometric suction lift up to 7 m
Liquid temperature+40℃
Ambient temperature up to+40℃

Household Industry Municipal

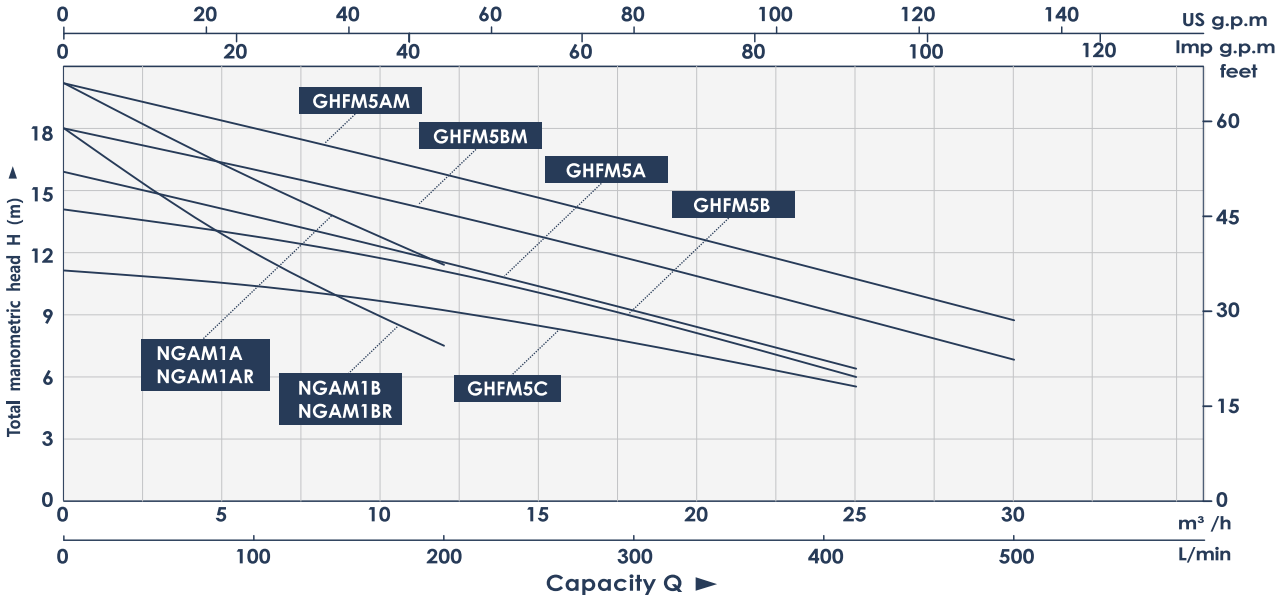
INSTALLATION & USE

The GHFm serials, from the points of view of both performance and mechanical dimensions,has been expressly designed for use in the civil, agricultural and industrial eld. Due to the high yields reched and the possibility of continuous duty, it is recommended to use for irrigation with following and sprinkling water, drawing water from lakes, rivers, wells and etc. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

CONSTRUCTION

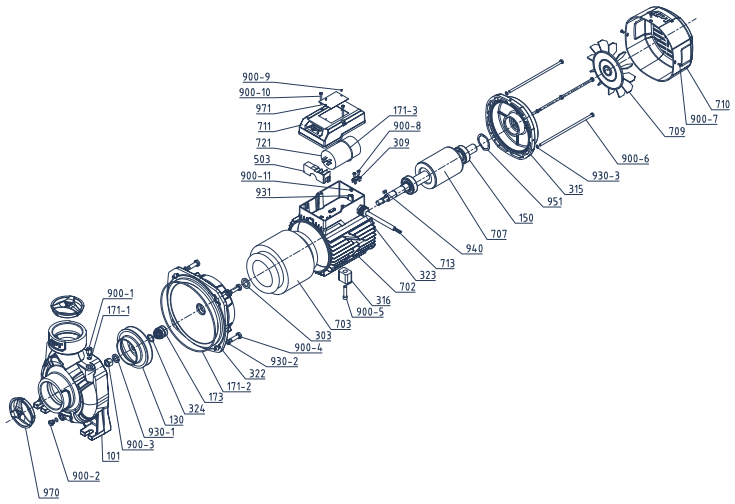
Pump Body: Cast iron
Impeller: Brass with centrifugal radial flow type.
Motor Shaft: 304 stainless steel shaft.
Mechanical Seal: Ceramic - graphite.
Electric Motor: GHFm:Single-phase 220-240V/50Hz with condenser and thermal overload protector built into the copper winding.GHF:three-phase 380/400V-50Hz.
Insulation: Class F.
Protection: IP 44.

PERFORMANCE



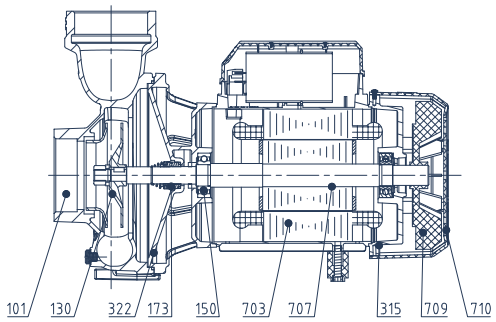
Model	Power		Current	Size	Q(m³/h)	0	3	6	9	12	15	18	21	24	26	30
	KW	HP	A	Inch	Q(L/min)	0	50	100	150	200	250	300	350	400	433	500
NGAm1B	0.55	0.75	3.9	1½"×1½"		18	13.4	11.9	9.9	7.5	-	-	-	-	-	-
NGAm1A	0.75	1	5.1	1½"×1½"		20	17.8	15.7	14	11.2	-	-	-	-	-	-
NGAm1BR	0.55	0.75	3.9	1 ¼"×1 ¼"		18	13.4	11.9	9.9	7.5	-	-	-	-	-	-
NGAm1AR	0.75	1	5.1	1 ¼"×1 ¼"		20	17.8	15.7	14	11.2	-	-	-	-	-	-
GHFm5C	0.55	0.75	3.9	2"×2"	H(m)	11	10.5	10.4	10.2	10	9.3	8.3	7.2	5.8	-	-
GHFm5B	0.75	1	5.1	2"×2"		14	12.6	12.4	12.1	11.5	10.6	9.1	8	6.6	-	-
GHFm5A	1.1	1.5	5.2	2"×2"		16	14.2	12.8	12.7	12.1	11.1	9.5	8.4	7	-	-
GHFm5BM	1.1	1.5	7	2"×2"		18	16.7	15	14.9	14.5	13.9	13	11.6	9.8	8.6	7.1
GHFm5AM	1.5	2	9.4	2"×2"		20	18.4	17	16.9	16.4	15.8	14.5	13.1	11.2	10.1	8.7

DIAGRAM



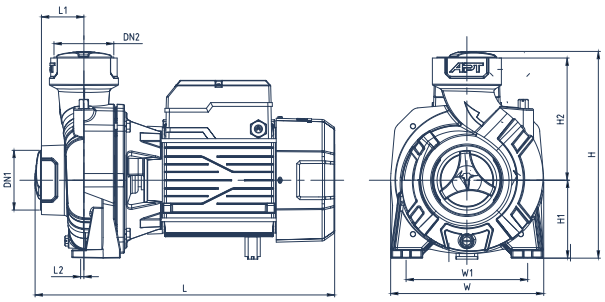
101	Pump body
130	Impeller
150	Bearing
171-1	O ring
171-2	O ring
171-3	O ring
173	Mechanical seal
303	Water retaining ring
309	Cable pressing plate
315	End cover
316	Foot
322	Coupling
323	Cable gland
324	Circlip
503	Terminal Block
702	Barrel
703	Stator core with winding
707	Cast aluminum rotor
709	Fan
710	Fan cover
711	Terminal box cover
713	Cable
721	Run capacitor
900-1	Water-filled screw
900-2	Water-filled screw
900-3	Slotted hexagon nut
900-4	Hexagon headed bolt
900-5	Hexagon socket head cap screw
900-6	Hexagon headed bolt
900-7	Phillips pan head screw
900-8	Phillips pan head screw
900-9	Nameplate rivet
900-10	Phillips pan head screw
900-11	Phillips pan head screw
930-1	Spring washer
930-2	Spring washer
930-3	Spring washer
931	External tooth lock washer
940	Key
951	Wave washer
970	Dust cover
971	Nameplate

PRODUCT PARAMETERS



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
101	PUMP BODY	Cast iron
130	IMPELLER	Brass
150	BEARING	Deep groove ball bearings
173	MECHANICAL SEAL	Ceramic - Graphite
315	END COVER	Aluminum
322	COUPLING	Aluminum
703	STATOR CORE WITH WINDING	Steel strip stator / cold rolled stator
707	ROTOR	Cast aluminium rotor
709	FAN	Plastic
710	FAN COVER	Plastic

PRODUCT DIMENSIONS



Model	DN1	DN2	Dimension(mm)							
			L	W	H	H1	H2	L1	L2	W1
NGAm1B	1½"	1½"	312.5	192	237	99	136	40	45	155
NGAm1A	1½"	1½"	312.5	192	237	99	136	40	45	155
NGAm1BR	1¼"	1¼"	312.5	192	237	99	136	40	45	155
NGAm1AR	1¼"	1¼"	312.5	192	237	99	136	40	45	155
GHFm5C	2"	2"	340.6	192	242	99	134	49	15	152
GHFm5B	2"	2"	340.6	192	242	99	134	49	15	152
GHFm5A	2"	2"	340.6	192	242	99	134	49	15	152
GHFm5BM	2"	2"	394.5	206.5	269	112	150	57.5	5.2	155.5
GHFm5AM	2"	2"	394.5	206.5	269	112	150	57.5	5.2	155.5

GHFM Centrifugal Pump

Capacity up to 1250 L/min(75m³/h)

Head up to 20 m

APPLICATION LIMITS

Manometric suction lift up to 7 m
Liquid temperature+40℃
Ambient temperature up to+40℃

Household Industry Municipal

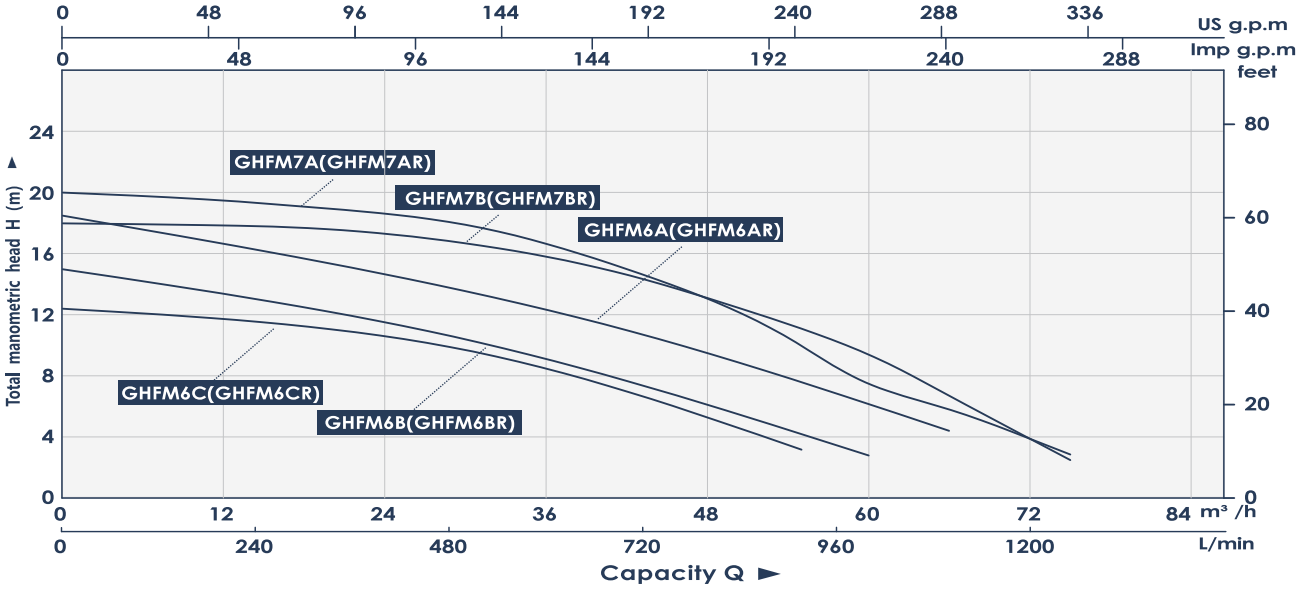
INSTALLATION & USE

The GHFm serials, from the points of view of both performance and mechanical dimensions,has been expressly designed for use in the civil, agricultural and industrial eld. Due to the high yields reched and the possibility of continuous duty, it is recommended to use for irrigation with following and sprinkling water, drawing water from lakes, rivers, wells and etc. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

CONSTRUCTION

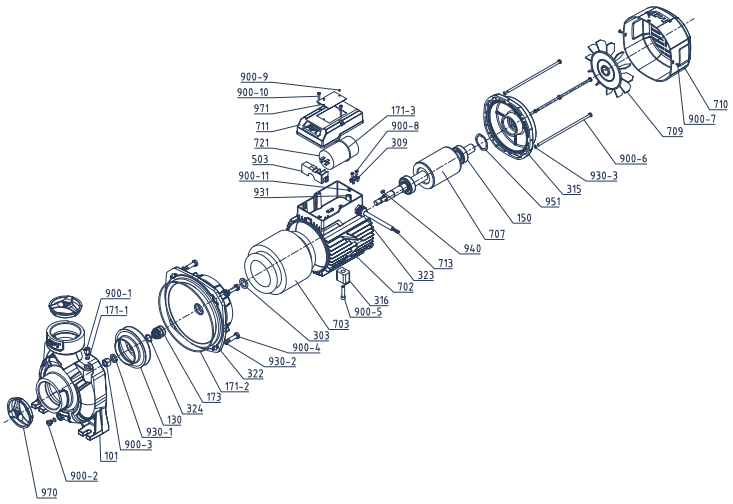
Pump Body: Cast iron
Impeller: Brass with centrifugal radial flow type.
Motor Shaft: 304 stainless steel shaft.
Mechanical Seal: Ceramic - graphite.
Electric Motor: GHFm:Single-phase 220-240V/50Hz with condenser and thermal overload protector built into the copper winding.GHF:three-phase 380/400V-50Hz.
Insulation: Class F.
Protection: IP 44.

PERFORMANCE



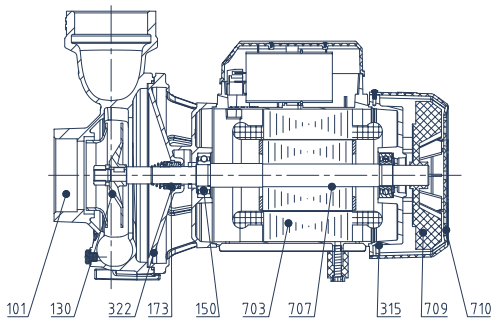
Model	Power		Current	Size	Q(m³/h)	0	12	18	30	42	48	54	60	66	72
	KW	HP	A	Inch	Q(L/min)	0	200	300	500	700	800	900	1000	1100	1200
GHFm6C	1.1	1.5	7	3"×3"		12.1	11.6	11.2	9.7	7.2	5.6	3.5	-	-	-
GHFm6B	1.5	2	9.4	3"×3"		15	13.8	12.6	10.4	7.7	6.1	4.4	2.8	-	-
GHFm6A	2.2	3	11.7	3"×3"		18.5	16.2	15	13.6	11	9	7.2	6.2	4.4	-
GHFm6CR	1.1	1.5	7	4"×4"		12.1	11.6	11.2	9.7	7.2	5.6	3.5	-	-	-
GHFm6BR	1.5	2	9.4	4"×4"	H(m)	15	13.8	12.6	10.4	7.7	6.1	4.4	2.8	-	-
GHFm6AR	2.2	3	11.6	4"×4"		18.5	16.2	15	13.6	11	9	7.2	6.2	4.4	-
GHFm7B	3	4	12.6	3"×3"		18	17.9	17.8	16.7	14.7	13.1	11.4	9.4	6.7	3.9
GHFm7A	4	5.5	16.6	3"×3"		20	19.5	19.1	17.9	15	13	10.5	7.5	5.8	3.9
GHFm7BR	3	4	12.7	4"×4"		18	17.9	17.8	16.7	14.7	13.1	11.4	9.4	6.7	3.9
GHFm7AR	4	5.5	14.3	4"×4"		20	19.5	19.1	17.9	15	13	10.5	7.5	5.8	3.9

DIAGRAM



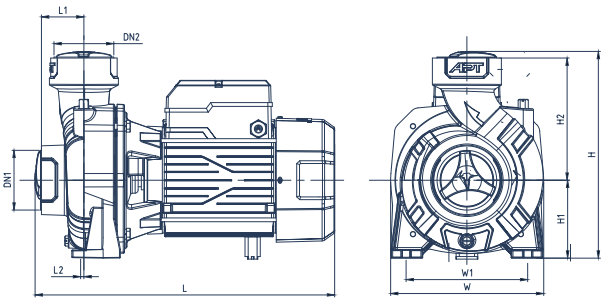
101	Pump body
130	Impeller
150	Bearing
171-1	O ring
171-2	O ring
171-3	O ring
173	Mechanical seal
303	Water retaining ring
309	Cable pressing plate
315	End cover
316	Foot
322	Coupling
323	Cable gland
324	Circlip
503	Terminal Block
702	Barrel
703	Stator core with winding
707	Rotor
709	Fan
710	Fan cover
711	Terminal box cover
713	Cable
721	Run capacitor
900-1	Water-filled screw
900-2	Water-filled screw
900-3	Slotted hexagon nut
900-4	Hexagon headed bolt
900-5	Hexagon socket head cap screw
900-6	Hexagon headed bolt
900-7	Phillips pan head screw
900-8	Phillips pan head screw
900-9	Nameplate rivet
900-10	Phillips pan head screw
900-11	Phillips pan head screw
930-1	Spring washer
930-2	Spring washer
930-3	Spring washer
931	External tooth lock washer
940	Key
951	Wave washer
970	Dust cover
971	Nameplate

PRODUCT PARAMETERS



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
101	PUMP BODY	Cast iron
130	IMPELLER	Brass
150	BEARING	Deep groove ball bearings
173	MECHANICAL SEAL	Ceramic - Graphite
315	END COVER	Aluminum
322	COUPLING	Aluminum
703	STATOR CORE WITH WINDING	Steel strip stator / cold rolled stator
707	ROTOR	
709	FAN	Plastic
710	FAN COVER	Plastic

PRODUCT DIMENSIONS

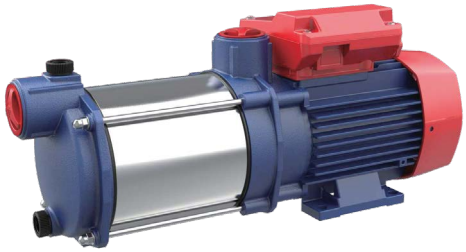


Model	DN1	DN2	Dimension(mm)							
			L	W	H	H1	H2	L1	L2	W1
GHFm6C	2"	2"	470.5	240.7	324.5	122.5	192	66.7	1	191
GHFm6B	2"	2"	470.5	240.7	324.5	122.5	192	66.7	1	191
GHFm6A	3"	3"	470.5	240.7	324.5	122.5	192	66.7	1	191
GHFm6CR	4"	4"	373	207	260	109.5	141	50	9.5	163
GHFm6BR	4"	4"	373	207	260	109.5	141	50	9.5	163
GHFm6AR	3"	3"	460	230	313	123.5	180	61	14	184
GHFm7B	3"	3"	460	230	313	123.5	180	61	14	184
GHFm7A	3"	3"	460	230	313	123.5	180	61	14	184
GHFm7BR	4"	4"	460	230	313	123.5	180	61	14	184
GHFm7AR	4"	4"	460	230	313	123.5	180	61	14	184

2-5CPm60S Centrifugal Pump

Capacity up to 70 L/min(4.2m³/h)

Head up to 50 m



APPLICATION LIMITS

Manometric suction lift up to 7 m
Liquid temperature+40℃
Ambient temperature up to+40℃

Household Industry Municipal

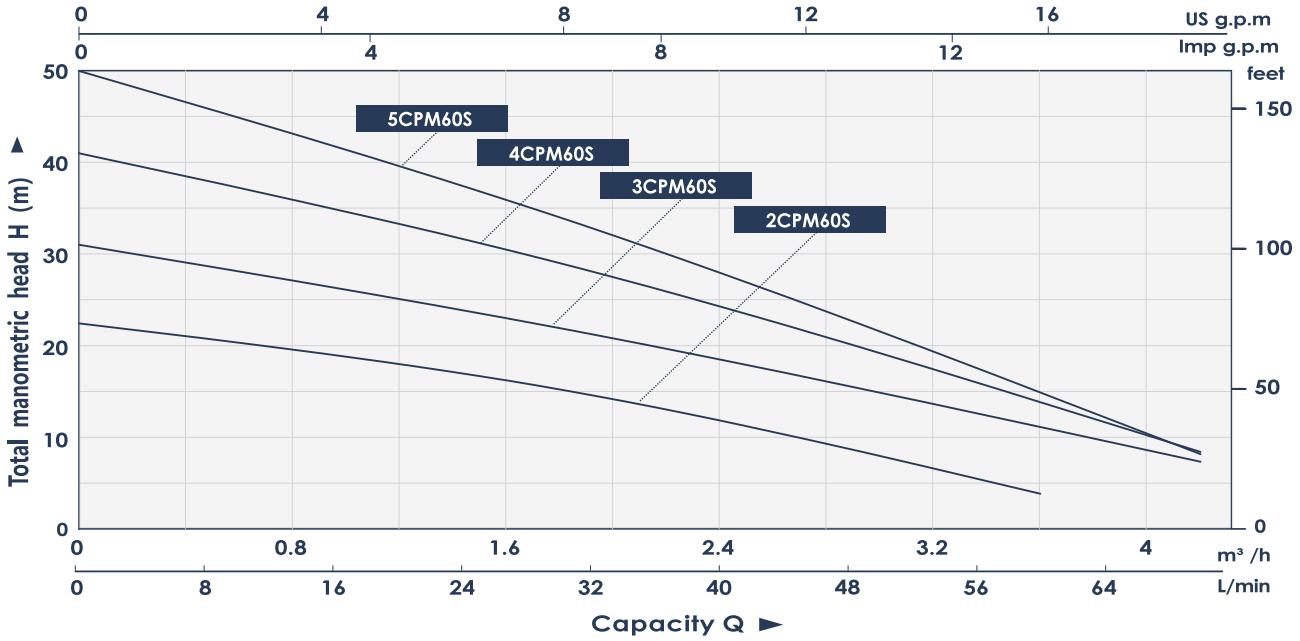
INSTALLATION & USE

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made.As a result of their reliability and the fact that they are easy to use,these pumps are widely used in the domestic place and particular in distributing water in combination with small and medium auutoclaves,for transferring liquids and for the irrrigation of gardens and allotments.The pumps should be installed in enclosed enviroment,or at least sheltered from inclement weather.

CONSTRUCTION

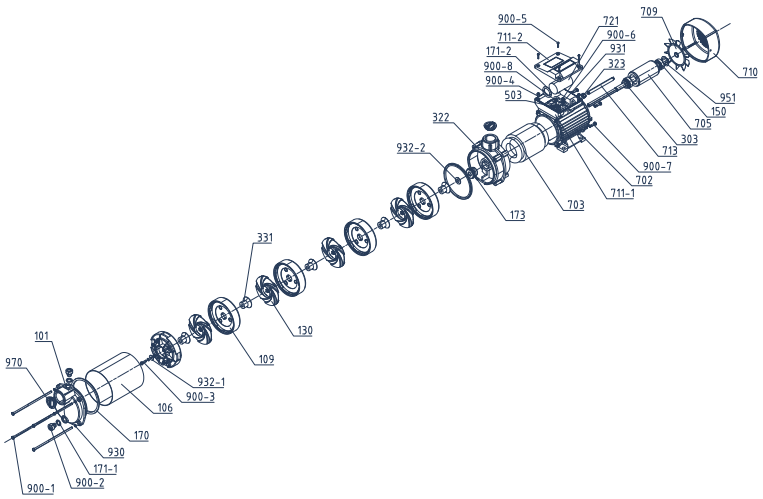
Pump Body: Stainless steel.
Impeller: Stainless steel
Motor Shaft: Stainless steel shaft.
Mechanical Seal: Ceramic - graphite.
Electric Motor: 2-5CPm:Single-phase 220-240V/50Hz with condenser and thermal overload protector built into the copper winding. 3-5CP:- three-phase 380-415V/50Hz.
Insulation: Class F.
Protection: IP 44.

PERFORMANCE



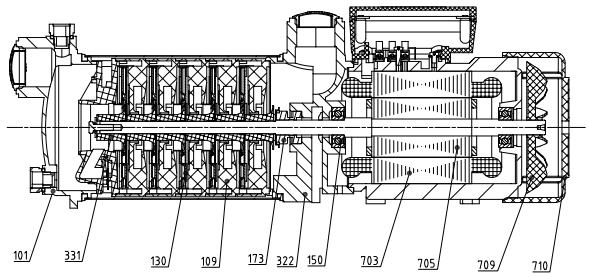
Model	Power		Current(A)		Size	Q(m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	3.9
	KW	HP	1~	3~	Inch	Q(L/min)	0	10	20	30	40	50	60	65
2CPm60S	0.24	0.33	1.8	-	1"×1"	H(m)	22.4	20.3	17.8	15.2	12.7	9	3.8	-
3CP(m)60S	0.37	0.5	2.7	1	1"×1"		31	27.9	24.9	21.9	18.6	15.2	11.3	9.2
4CP(m)60S	0.55	0.75	3.9	1.3	1"×1"		41	37.1	33.1	29	24.7	19.8	14.2	11.1
5CP(m)60S	0.75	1	5.1	1.8	1"×1"		50	45	39.4	34	28.3	21.8	15.3	11.5

DIAGRAM



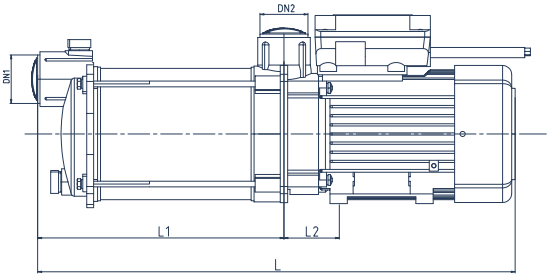
101	Pump body	721	Run capacitor
106	Pump casing	900-1	Hexagon headed bolt
109	Guide vane	900-2	Vent cock
130	Impeller	900-3	Hexagon headed bolt
150	Bearing	900-4	Phillips pan head screw
170	Gasket	900-5	Phillips pan head tapping screw
171-1	O ring	900-6	Phillips pan head screw
171-2	O ring	900-7	Phillips pan head screw
173	Mechanical seal	900-8	Phillips pan head screw
303	Water retaining ring	930	Spring washer
322	Coupling	931	External tooth lock washer
323	Cable gland	932-1	Flat washer
331	Impeller pressing sleeve	932-2	Flat washer
503	Terminal	951	Wave washer
702	Motor case	970	Dust cover
703	Stator core with winding		
705	Rotor		
709	Fan		
710	Fan cover		
711-1	Wiring box holder		
711-2	Terminal box cover		
713	Cable		

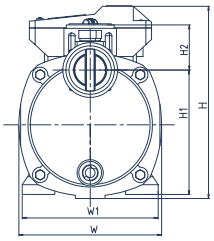
PRODUCT PARAMETERS



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
101	PUMP BODY	Cast iron
109	GUIDE VANE	PPO
130	IMPELLER	Stainless steel
150	BEARING	6201-2RZ
173	MECHANICAL SEAL	Ceramic-Graphite
322	COUPLING	Cast iron
331	IMPELLER PRESSURE SEELVE	Plastic ABS
703	STATOR CORE	Stator core with winding
705	ROTOR	Cast aluminum rator
709	FAN	Pllastic PP
710	FAN COVER	Plastic ABS

PRODUCT DIMENSIONS



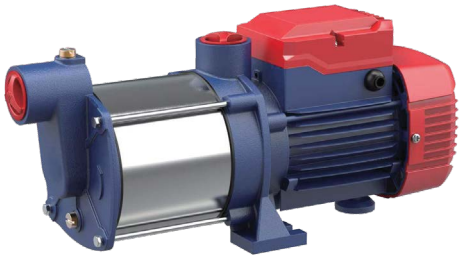


Model	DN1	DN2	Dimension(mm)							
			L	W	H	L1	L2	W1	H1	H2
2CPm60S	1"	1"	370	125	168	167.5	48.5	119	109	39.5
3CP(m)60S	1"	1"	394	125	168	191.5	48.5	119	109	39.5
4CP(m)60S	1"	1"	418	125	168	215.5	48.5	119	109	39.5
5CP(m)60S	1"	1"	442	125	168	239.5	48.5	119	109	39.5

1-5CPm100S Centrifugal Pump

Capacity up to 100 L/min(6 m^3/h)

Head up to 50 m



APPLICATION LIMITS

Manometric suction lift up to 7 m
Liquid temperature+40℃
Ambient temperature up to+40℃

Household Industry Municipal

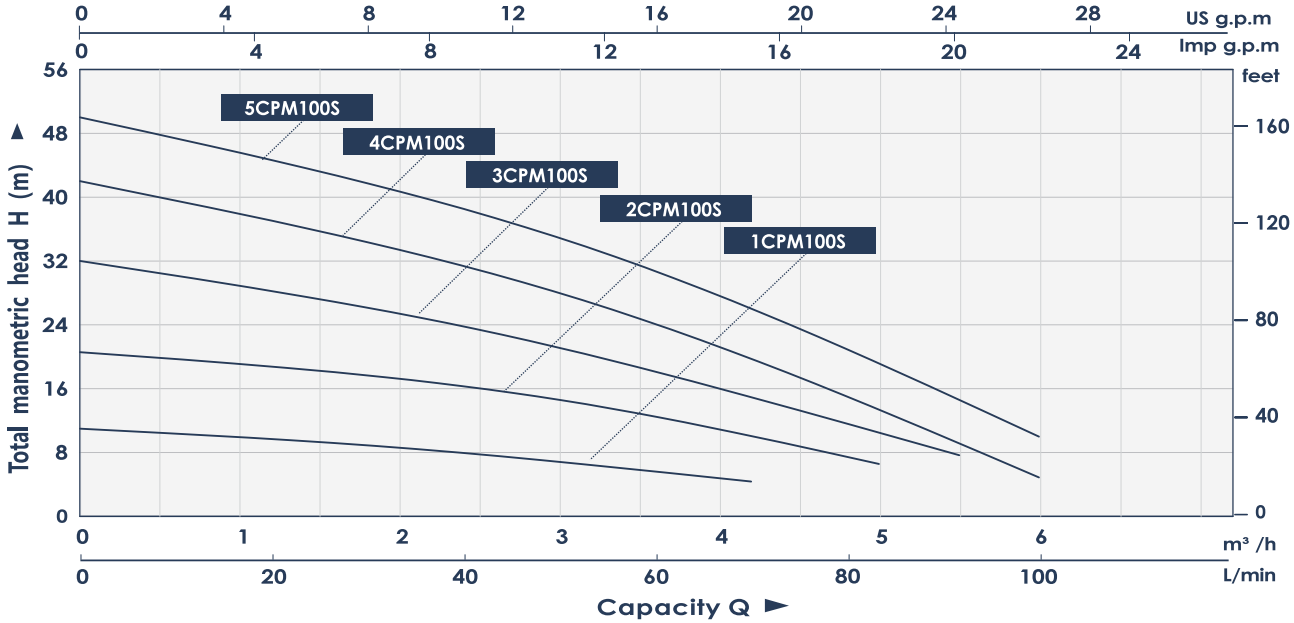
INSTALLATION & USE

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made.As a result of their reliability and the fact that they are easy to use,these pumps are widely used in the domestic place and particular in distributing water in combination with small and medium auutoclaves,for transferring liquids and for the irrrigation of gardens and allotments.The pumps should be installed in enclosed enviroment,or at least sheltered from inclement weather.

CONSTRUCTION

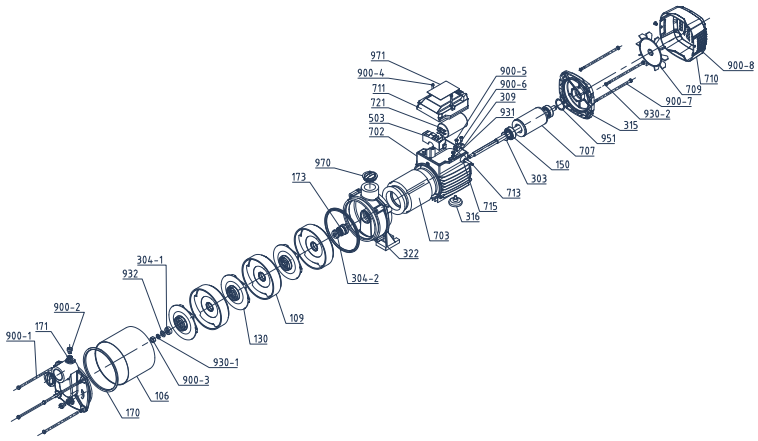
Pump Body: Stainless steel.
Impeller: PPO
Motor Shaft: Stainless steel shaft.
Mechanical Seal: Ceramic - graphite.
Electric Motor: 2-5CPm:Single-phase 220-240V/50Hz with condenser and thermal overload protector built into the copper winding.
Insulation: Class F.
Protection: IP 44.

PERFORMANCE



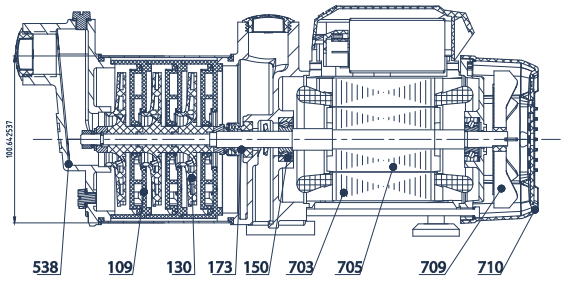
Model	Power		Current	Size	Q(m^3/h)	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	6
	KW	HP	A	Inch	Q(L/min)	0	8.3	16.7	25	33.3	41.7	50	58.3	66.7	75	83.3	60
1CPm100S	0.25	0.34	1.9	1"×1"		11	10.4	9.8	9.3	8.6	7.8	7	6	4.8	-	-	-
2CPm100S	0.37	0.5	2.7	1"×1"		20.6	19.9	19.2	18.2	17	15.8	14.3	12.7	10.8	8.6	6.6	-
3CPm100S	0.6	0.8	4.2	1"×1"	H(m)	32	30.4	28.8	27.1	25.4	23.4	21.5	19.1	16.6	13.6	10.5	-
4CPm100S	0.75	1	5.1	1"×1"		42	39.7	37.9	35.9	33.2	30.5	28	25.2	21.6	17.6	13.5	4.9
5CPm100S	0.9	1.2	6.2	1"×1"		50	48.4	46	43.5	41.1	38.1	34.9	31.2	26.8	22.3	17.3	10

DIAGRAM



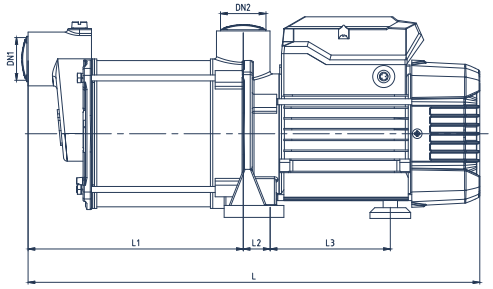
106	Pump casing	715	Cable sheath
109	Guide vane	721	Run capacitor
130	Impeller	900-1	Hexagon headed bolt
150	Bearing	900-2	Slotted Cylinder Head Screw
170	Gasket	900-3	Slotted hexagon nut
171	O ring	900-4	Phillips pan head screw
173	Mechanical seal	900-5	Phillips pan head screw
303	Water retaining ring	900-6	Screw
304-1	Shaft sleeve	900-7	Hexagon headed bolt
304-2	Shaft sleeve	900-8	Phillips pan head screw
309	Cable pressing plate	930-1	Spring washer
315	End cover	930-2	Spring washer
316	Foot	931	External tooth lock washer
322	Coupling	932	Flat washer
503	Terminal Block	951	Wave washer
702	Motor case	970	Dust cover
703	Stator core with winding	971	Nameplate
707	Cast aluminum rotor		
709	Fan		
710	Fan cover		
711	Terminal box		
713	Cable		

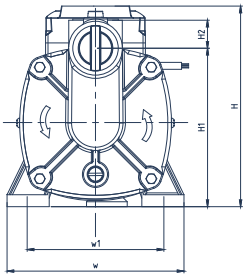
PRODUCT PARAMETERS



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
109	GUIDE VANE	PPO
130	IMPELLER	PPO
150	BEARING	C & U
173	MECHANICAL SEAL	Ceramic-Graphite
538	WATER INLET JOINT	Cast iron
703	STATOR CORE	Stator core with winding
705	ROTOR	Cast aluminum rator
709	FAN	Pllastic
710	FAN COVER	Cast iron

PRODUCT DIMENSIONS



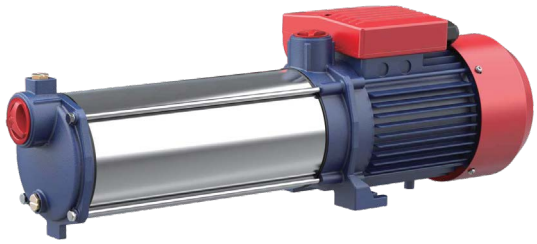


Model	DN1	DN2	Dimension(mm)								
			L	W	H	L1	L2	L3	W1	H1	H2
1CP(m)100S	1"	1"	326	148	167.8	128	24	99	115	132.5	23.5
2CP(m)100S	1"	1"	352	148	167.8	154	24	99	115	132.5	23.5
3CP(m)100S	1"	1"	378	148	167.8	180	24	99	115	132.5	23.5
4CP(m)100S	1"	1"	419	148	167.8	206	24	114	115	132.5	23.5
5CP(m)100S	1"	1"	445	148	167.8	232	24	114	115	132.5	23.5

2-8CPm120S Centrifugal Pump

Capacity up to 120 L/min(7.2 m^3/h)

Head up to 100 m



APPLICATION LIMITS

Manometric suction lift up to 7 m
Liquid temperature+40℃
Ambient temperature up to+40℃

Household Industry Municipal

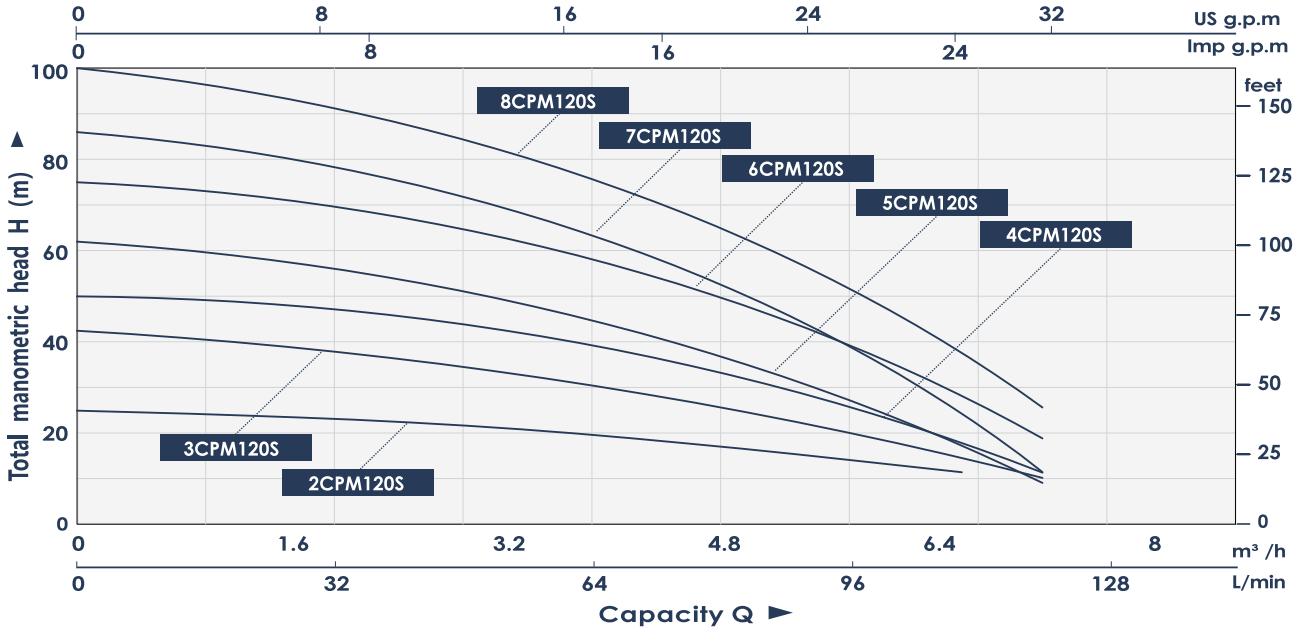
INSTALLATION & USE

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made.As a result of their reliability and the fact that they are easy to use,these pumps are widely used in the domestic place and particular in distributing water in combination with small and medium auutoclaves,for transferring liquids and for the irrrigation of gardens and allotments.The pumps should be installed in enclosed enviroment,or at least sheltered from inclement weather.

CONSTRUCTION

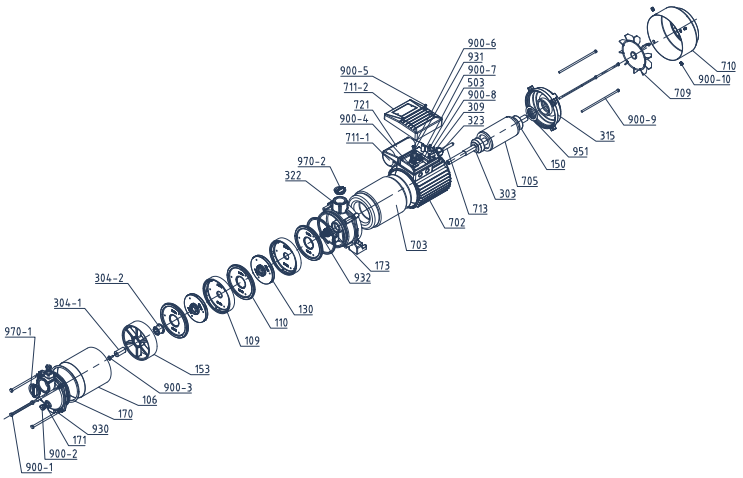
Pump Body: Stainless steel.
Impeller: PPO
Motor Shaft: Stainless steel shaft.
Mechanical Seal: Ceramic - graphite.
Electric Motor: 2-5CPm:Single-phase 220-240V/50Hz with condenser and thermal overload protector built into the copper winding.
Insulation: Class F.
Protection: IP 44.

PERFORMANCE



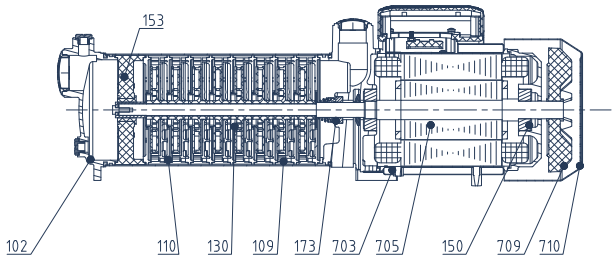
Model	Power		Current	Size	Q(m³/h)	0	0.5	1	1.5	2	2.5	3	3.5
	KW	HP	A	Inch	Q(L/min)	0	8.3	16.7	25	33.3	41.7	50	58.3
2CPm120S	0.55	0.75	4.7	1¼"×1"		25	24.5	23.6	22	19.8	16.3	14.1	11.5
3CPm120S	0.75	1	5.9	1¼"×1"		42.5	38.3	37.5	34.1	29.9	24.8	19.3	14.6
4CPm120S	0.95	1.3	6.5	1¼"×1"		50	48.8	46.7	43.4	37.5	31.2	23.7	17.9
5CPm120S	1.1	1.5	7	1¼"×1"	H(m)	62	60.5	57.4	50.4	42.5	35.7	25.3	17.3
6CPm120S	1.35	1.8	9.1	1¼"×1"		75	73	70.4	64	57.3	44.9	36.8	28.2
7CPm120S	1.5	2	10	1¼"×1"		86	83.5	80	70.9	56.5	47	33.3	24.3
8CPm120S	1.75	2.4	11.8	1¼"×1"		100	94	89.8	83.4	73.8	61.5	47.3	37.6

DIAGRAM



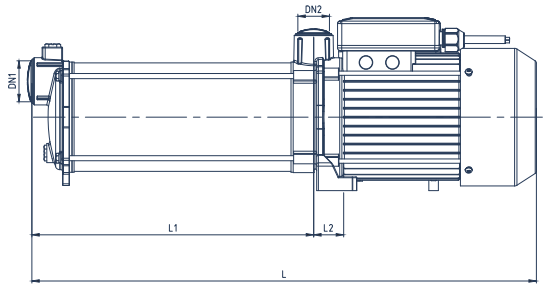
106	Pump casing	711-1	Wiring box holder
109	Guide vane	711-2	Terminal box cover
110	Guide vane cover	713	Cable
130	Impeller	721	Run capacitor
150	Bearing	900-1	Hexagon headed bolt
153	Bracket	900-2	Vent cock
170	Gasket	900-3	Hexagon headed bolt
171	O ring	900-4	Phillips pan head screw
173	Mechanical seal	900-5	Phillips pan head tapping screw
303	Water retaining ring	900-6	Phillips pan head screw
304-1	Shaft sleeve	900-7	Slotted hexagon nut
304-2	Shaft sleeve	900-8	Phillips pan head tapping screw
309	Cable pressing plate	900-9	Hexagon headed bolt
315	End cover	900-10	Phillips pan head screw
322	Coupling	930	Spring washer
323	Cable gland	931	External tooth lock washer
503	Terminal	932	Flat washer
702	Motor case	951	Wave washer
703	Stator core with winding	970-1	Dust cover
705	Rotor	970-2	Dust cover
709	Fan		
710	Fan cover		

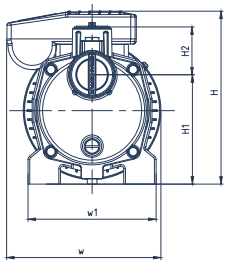
PRODUCT PARAMETERS



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
102	CASING	Cast iron
109	GUIDE VANE	PPO
110	GUIDE VANE COVER	PPO
130	IMPELLER	PPO
150	BEARING	C & U
153	BRACKET	Cast iron
173	MECHANICAL SEAL	Ceramic-Graphite
703	STATOR CORE	Stator core with winding
705	ROTOR	Cast aluminum rator
709	FAN	Pllastic
710	FAN COVER	Stainless steel

PRODUCT DIMENSIONS





Model	DN1	DN2	Dimension(mm)							
			L	W	H	L1	L2	W1	H1	H2
2CP(m)120S	1.25"	1"	447	180	202.5	186	39.5	150	128	56
3CP(m)120S	1.25"	1"	471	180	202.5	210	39.5	150	128	56
4CP(m)120S	1.25"	1"	495	180	202.5	234	39.5	150	128	56
5CP(m)120S	1.25"	1"	519	180	202.5	258	39.5	150	128	56
6CP(m)120S	1.25"	1"	543	180	202.5	282	39.5	150	128	56
7CP(m)120S	1.25"	1"	567	180	202.5	306	39.5	150	128	56
8CP(m)120S	1.25"	1"	591	180	202.5	330	39.5	150	128	56

PW Self-priming Pump

Capacity up to 57 L/min(3.4 m^3/h)

Head up to 50 m

APPLICATION LIMITS

Manometric suction lift up to 8 m
Liquid temperature up to +90℃
Ambient temperature up to +40℃
Max pressure up to 5 bar

Household Industry Municipal

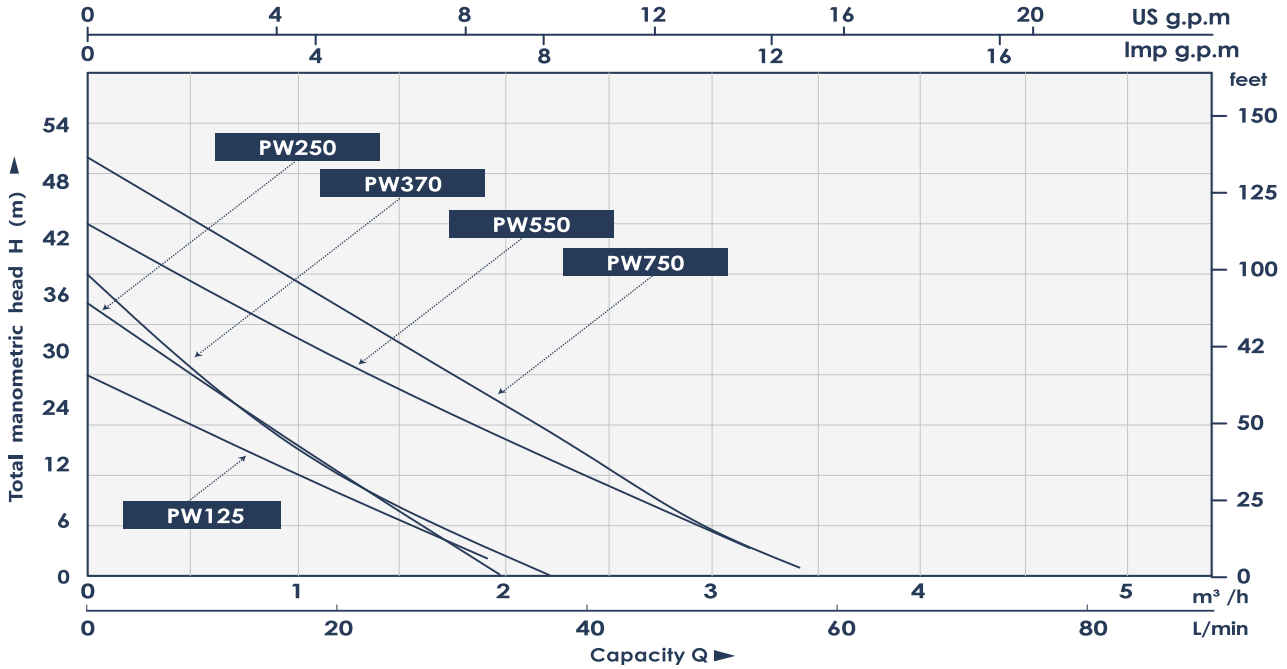
INSTALLATION & USE

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. As a result of their reliability, compact, economy and the fact that they are easy to use, they are widely used in domestic water, automatic boosting, water tower supply, well water lifting, solar hot water boosting. The pump also have a simple pressure switch control automatically. The pumps should be installed in enclosed enviroment, or at least sheltered from inclement weather.

CONSTRUCTION

Pump Body: Cast iron.
Impeller: Brass.
Motor Shaft: Stainless steel shaft.
Motor:Single phase.
Insulation: Class F.
Protection: IP 44.

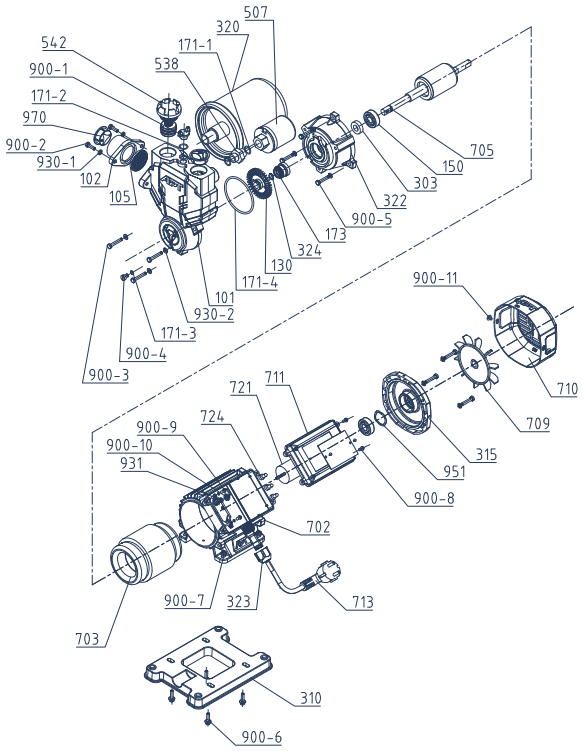
PERFORMANCE



Model	Power		Current	Size	Q(m^3/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	3
	KW	HP	A	Inch	Q(L/min)	0	5	10	15	20	25	30	35	40	50
PW125	0.125	0.17	1	1"×1"		24	22	16.6	12.3	10	6.1	3.5	-	-	-
PW250	0.25	0.34	1.9	1"×1"		32.7	27.7	23.9	17.4	12.4	7.5	3.1	-	-	-
PW370	0.37	0.5	2.7	1"×1"	H(m)	36	29.9	23.2	17.7	12.3	8.2	3.7	1.5	-	-
PW550	0.55	0.75	3.9	1"×1"		42	36	32.4	29.7	26	22.4	19.4	16.4	13	5.4
PW750	0.75	1	5.1	1"×1"		50	46	42	37.5	32.3	28.2	23.4	19.3	14.7	5.6

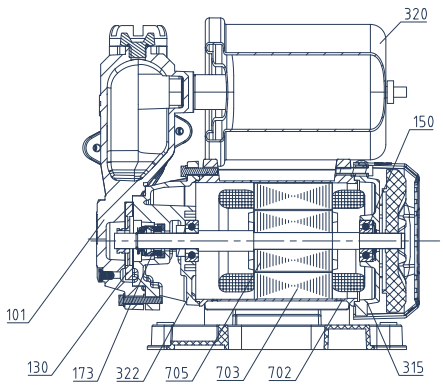
Self-priming Pump

DIAGRAM



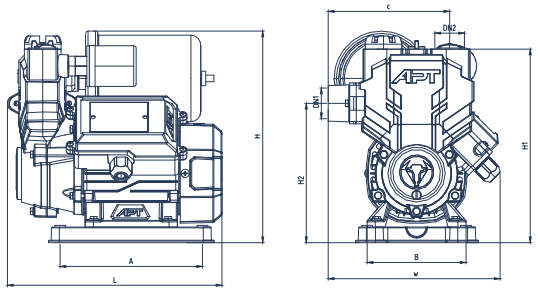
101	Pump body
102	Water inlet joint
105	Filter
130	Impeller
150	Bearing
171-1	O ring
171-2	O ring
171-3	O ring
171-4	O ring
173	Mechanical seal
303	Water retaining ring
310	Base plate
315	End cover
320	Pressure tank
322	Coupling
323	Cable gland
324	Circlip
507	Pressure switch
538	Joint
542	Check valve
702	Pump casing
703	Stator core with winding
705	Rotor
709	Fan
710	Fan cover
711	Terminal box
713	Cable
721	Run capacitor
724	Terminal cap
900-1	Vent cock
900-2	Hexagon headed bolt
900-3	Hexagon headed bolt
900-4	Slotted Cylinder Head Screw
900-5	Hexagon headed bolt
900-6	Hexagon flange bolt
900-7	Hexagonal flange nut
900-8	Phillips pan head tapping screw
900-9	Phillips pan head screw
900-10	Phillips pan head screw
900-11	Phillips pan head screw
930-1	Spring washer
930-2	Spring washer
931	External tooth lock washer
951	Wave washer
970	Dust cover

PRODUCT PARAMETERS

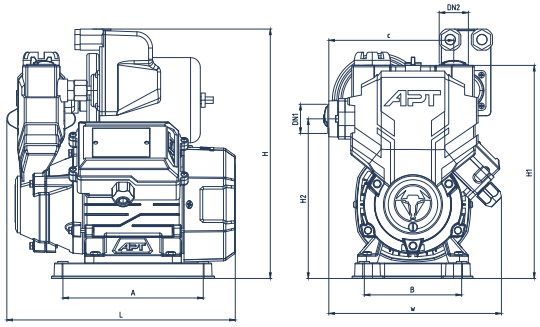


POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
101	PUMP BODY	Cast iron
130	IMPELLER	Brass
150	BEARING	Deep groove ball bearings
173	MECHANICAL SEAL	Ceramic- graphite
315	END COVER	Cast iron
320	PRESSURE TANK	PRESSURE TANK
322	COUPLING	Cast iron
702	PUMP CASING	Aluminium
703	STATOR	Stator core with winding
705	ROTOR	

PRODUCT DIMENSIONS



Model	Dimension(mm)								DN1	DN2
	L	W	H	H1	H2	A	B	C		
PW125	261	210	257	235	170	173	120	148	1"	1"
PW250	261	210	257	235	170	173	120	148	1"	1"
PW370	261	210	257	235	170	173	120	148	1"	1"



Model	Dimension(mm)								DN1	DN2
	L	W	H	H1	H2	A	B	C		
PW550	277	213	307.5	263	197	173	120	154	1"	1"
PW750	277	213	307.5	263	197	173	120	154	1"	1"

GEB Circulation pump

Capacity up to 175 L/min(10.5 m^3/h)

Head up to 12 m

Constant speed mode - three speed
Constant pressure mode
Proportional pressure mode
Automatic mode
Low noise
No leakage
Energy efficiency:Class A
Communication interface: optional with PWM control

Household | floor heating | Hot water

INSTALLATION & USE

GEB25/32 are shielded pumps, used in single pipe system, double pipe system, floor heating water circulation system, etc., with PWM control optional, and with the advantages of high comfort, low noise, low energy consumption, etc.

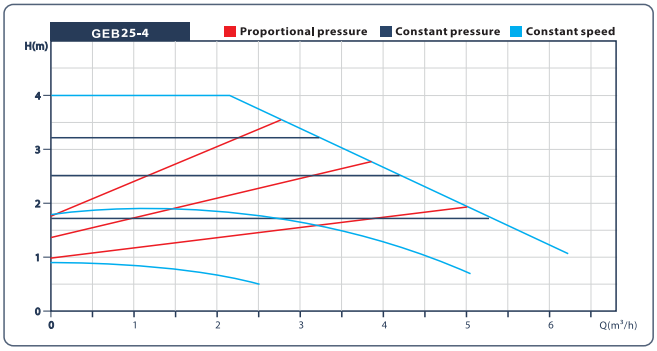
APPLICATION LIMITS

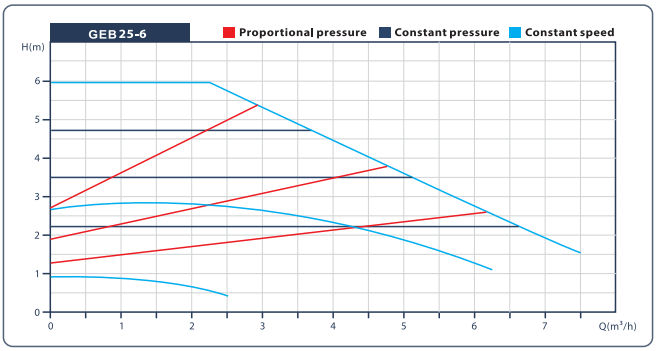
Liquid temperature:+2℃~+110℃
Maximum ambient temperature: +40℃
Maximum system pressure: 10 bar
Protection level:IP44
Pumped liquid characteristics:clean,free from solids and mineral oils,non-toxic,chemically neutral,close to the characteristics of water.
Installation:the motor shaft must be kept in horizontal direction
PH:6.5 to 8.5

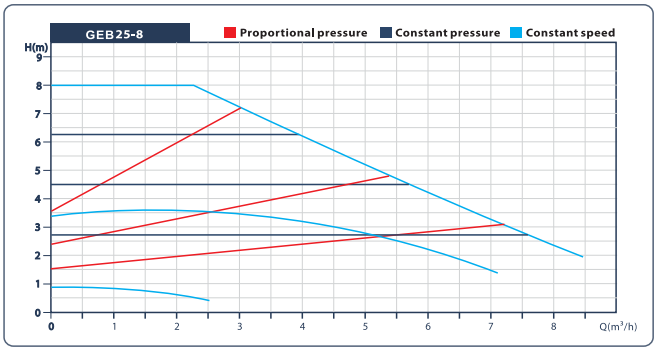
PERFORMANCE

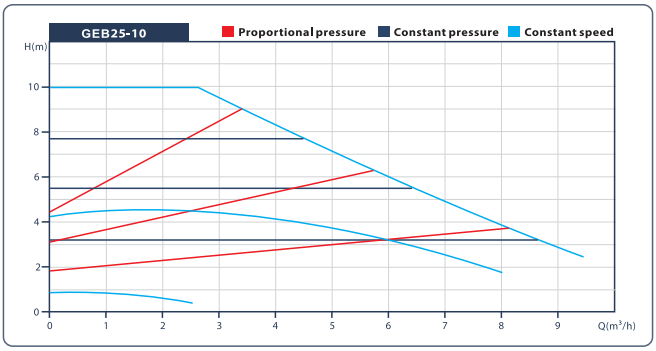
Model	Rated voltage(V)	Power frequency	Input power	Max. Current	Max. Flow (m^3/h)	Max. head (m)	Max. perssure	Port-to-port l. [mm]	G.W (kg)	N.W (kg)	Outer box L × W × H(mm)
GEB25-4-180(N)	1 x 230 V	50 / 60 Hz	9~60W	0.23A	6.2	4	10 bar	180	4	3.2	260×190×140
	1 x 115 V	60Hz		0.77A							
GEB25-6-180(N)	1 x 230 V	50 / 60 Hz	9~105W	0.41A	7.5	6	10 bar	180	4	3.2	260×190×140
	1 x 115 V	60Hz		1.35A							
GEB25-8-180(N)	1 x 230 V	50 / 60 Hz	9~150W	0.58A	8.5	8	10 bar	180	4	3.2	260×190×140
	1 x 115 V	60Hz		1.89A							
GEB25-10-180(N)	1 x 230 V	50 / 60 Hz	9~200W	0.78A	9.4	10	10 bar	180	4	3.2	260×190×140
	1 x 115 V	60Hz		2.52A							
GEB25-12-180(N)	1 x 230 V	50 / 60 Hz	9~220W	0.86A	9.7	12	10 bar	180	4	3.2	260×190×140
	1 x 115 V	60Hz		2.77A							
GEB32-4-180(N)	1 x 230 V	50 / 60 Hz	9~78W	0.30 A	7.7	4	10 bar	180	4.4	3.3	260×190×140
	1 x 115 V	60Hz		0.99 A							
GEB32-6-180(N)	1 x 230 V	50 / 60 Hz	9~120W	0.46A	9.1	6	10 bar	180	4.4	3.3	260×190×140
	1 x 115 V	60Hz		1.53A							
GEB32-8-180(N)	1 x 230 V	50 / 60 Hz	9~168W	0.65A	10.1	8	10 bar	180	4.4	3.3	260×190×140
	1 x 115 V	60Hz		2.13A							
GEB32-10-180(N)	1 x 230 V	50 / 60 Hz	9~200W	0.76A	10.5	10	10 bar	180	4.4	3.3	260×190×140
	1 x 115 V	60Hz		2.51A							
GEB32-12-180(N)	1 x 230 V	50 / 60 Hz	9~220W	0.84A	9.7	12	10 bar	180	4.4	3.3	260×190×140
	1 x 115 V	60Hz		2.76A							
GEB32-4-220F(N)	1 x 230 V	50 / 60 Hz	9~78W	0.30A	7.7	4	10 bar	220	7.3	6.9	235×150×232
	1 x 115 V	60Hz		0.99 A							
GEB32-6-220F(N)	1 x 230 V	50 / 60 Hz	9~120W	0.46A	9.1	6	10 bar	220	7.3	6.9	235×150×232
	1 x 115 V	60Hz		1.53A							
GEB32-8-220F(N)	1 x 230 V	50 / 60 Hz	9~168W	0.65A	10.1	8	10 bar	220	7.3	6.9	235×150×232
	1 x 115 V	60Hz		2.13A							
GEB32-10-220F(N)	1 x 230 V	50 / 60 Hz	9~200W	0.79A	10.5	10	10 bar	220	7.3	6.9	235×150×232
	1 x 115 V	60Hz		2.51A							

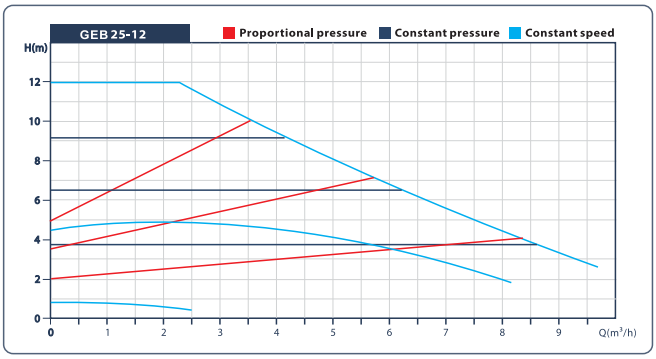
PERFORMANCE

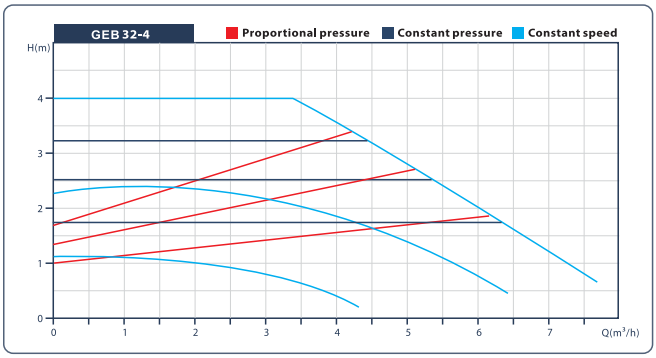


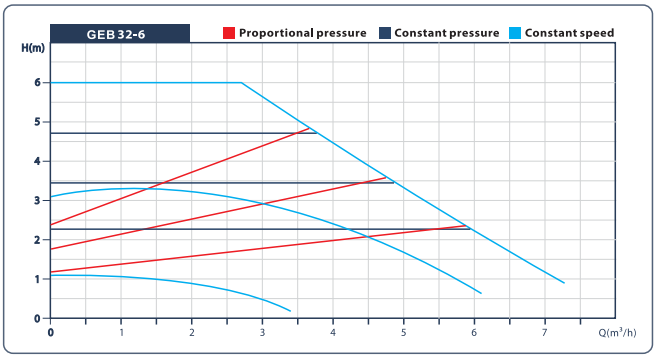


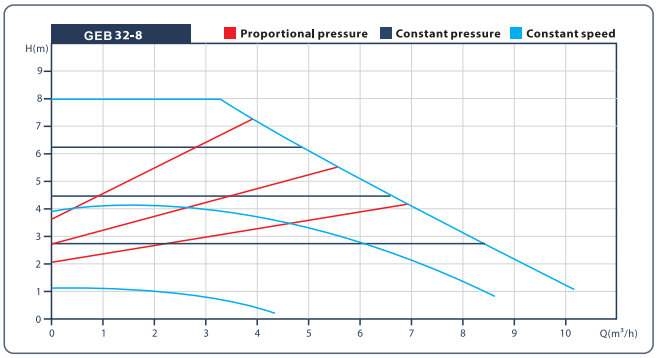


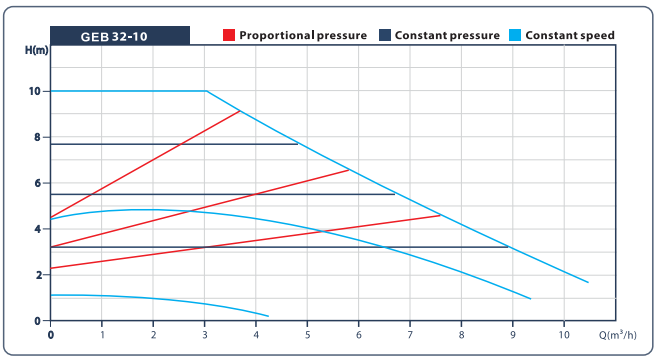


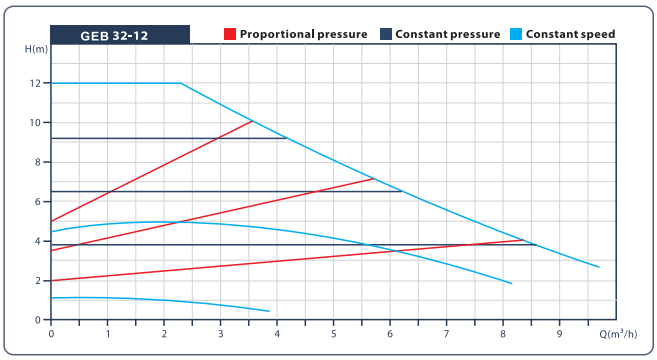






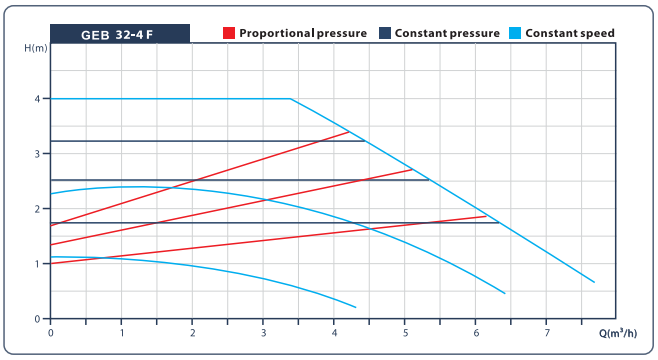


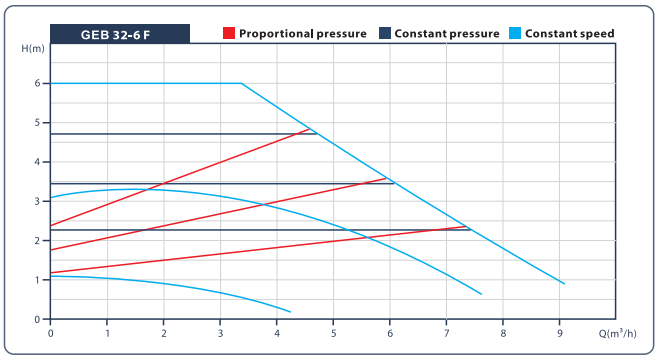


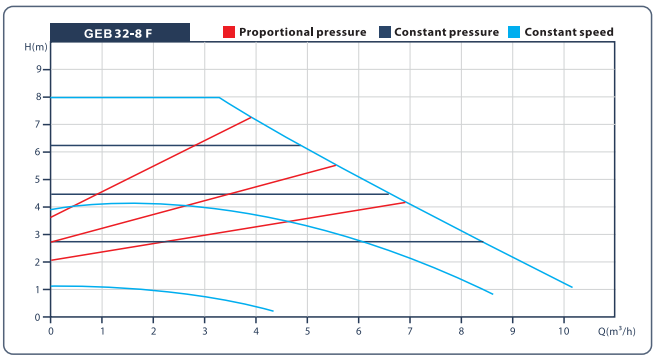


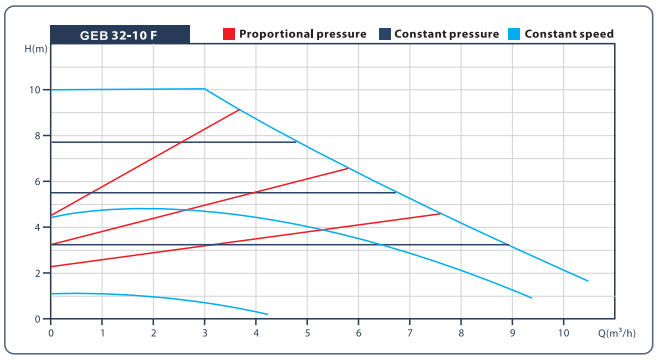
GEB Circulation pump

PERFORMANCE



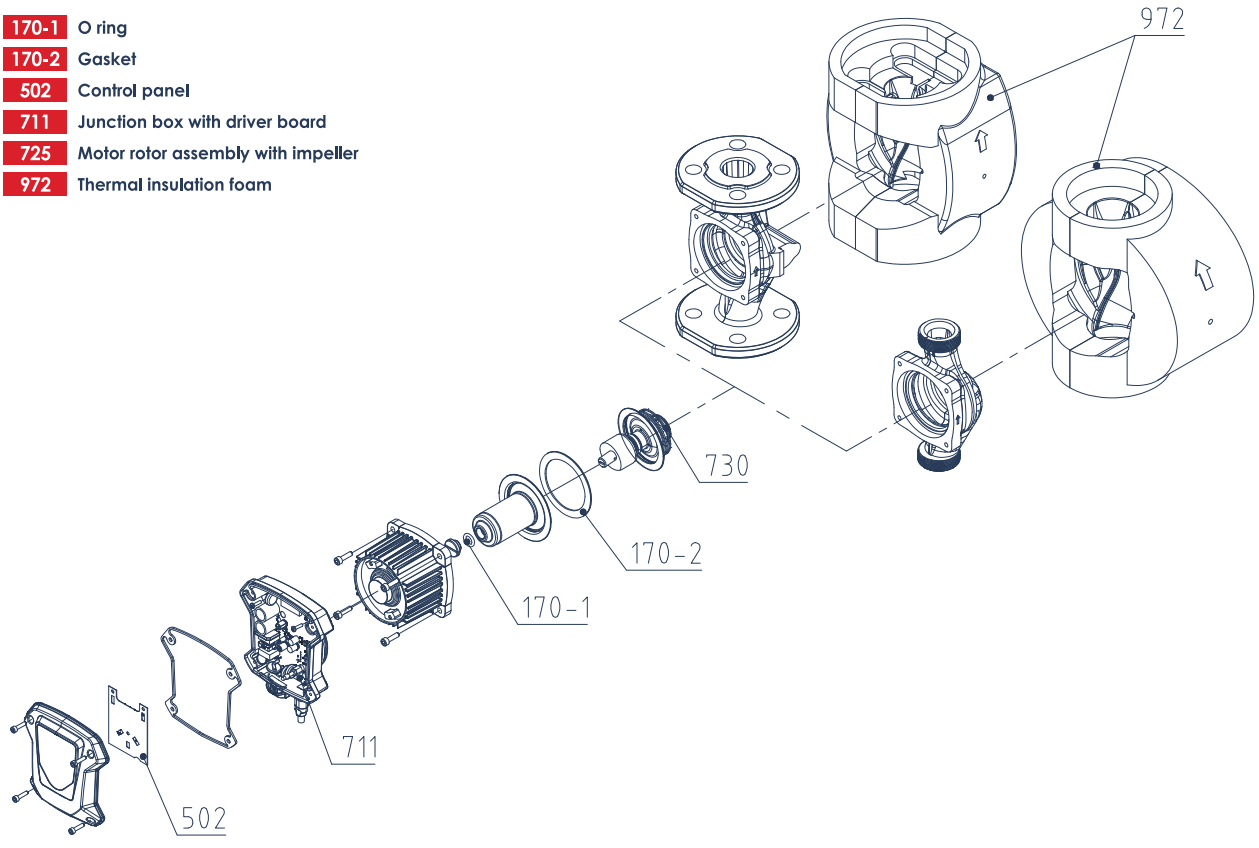




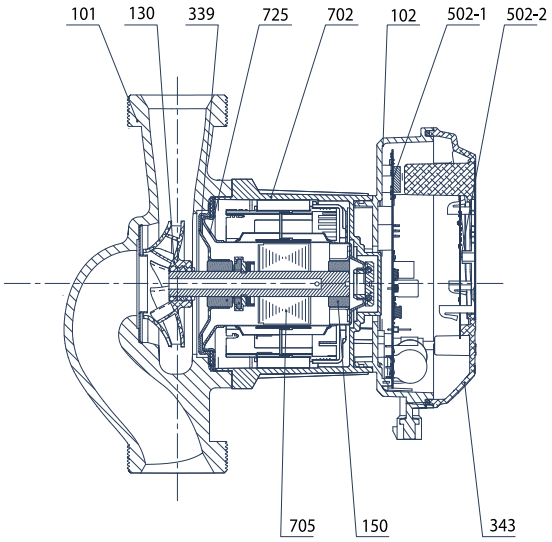


DIAGRAM

170-1	O ring
170-2	Gasket
502	Control panel
711	Junction box with driver board
725	Motor rotor assembly with impeller
972	Thermal insulation foam

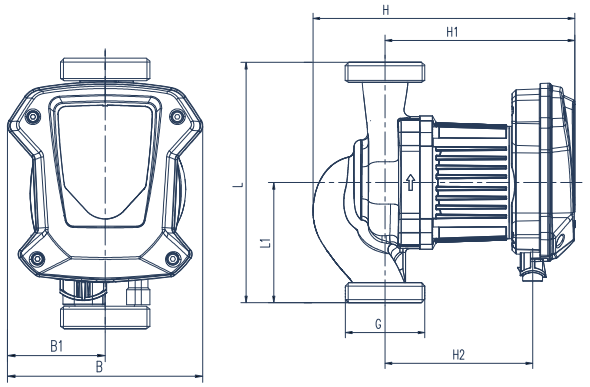


PRODUCT PARAMETERS

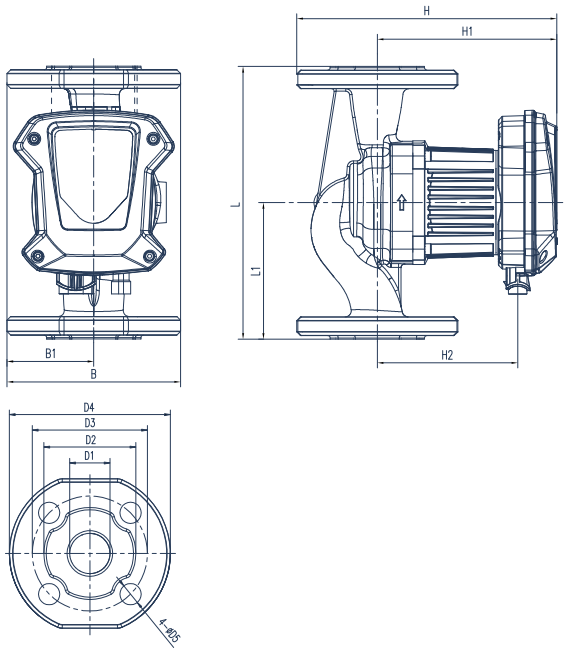


POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
101	PUMP BODY	Cast iron surface electrophoresis treatment, exterior painting treatment
102	CASING	Plastic spray outside
130	IMPELLER	Plastic spray outsHydraulic model, equipped with PES engineering plastic impelleride
150	BEARING	Brown ceramic
339	STAINLESS STEEL COVER	Ceramic- graphite
343	MASK	Using high-strength plastic, surface skin texture treatment, secondary vulcanization treatment of sealant, beautiful and fashionable appearance
502-1	DRIVE BOARD	Electronic device
502-2	CONTROL PANEL	Electronic device
702	MOTOR CASE	Aluminum alloy barrel, the surface is treated with black electrophoresis.
705	ROTOR	Brown ceramic
725	SHIELD SLEEVE	Stainless steel material, the inner wall is mirror-finished

PRODUCT DIMENSIONS



Model	Pump body material		Dimension(mm)							
	Cast iron	Stainless steel	L1	L2	B	B1	H	H1	H2	G
GEB25-4-180(N)	●	●	180	90	130	65	196	142	110.5	1.5"
GEB25-6-180(N)	●	●	180	90	130	65	196	142	110.5	1.5"
GEB25-8-180(N)	●	●	180	90	130	65	196	142	110.5	1.5"
GEB25-10-180(N)	●	●	180	90	130	65	196	142	110.5	1.5"
GEB25-12-180(N)	●	●	180	90	130	65	196	142	110.5	1.5"
GEB32-4-180(N)	●	●	180	90	130	65	196	142	110.5	2"
GEB32-6-180(N)	●	●	180	90	130	65	196	142	110.5	2"
GEB32-8-180(N)	●	●	180	90	130	65	196	142	110.5	2"
GEB32-10-180(N)	●	●	180	90	130	65	196	142	110.5	2"
GEB32-12-180(N)	●	●	180	90	130	65	196	142	110.5	2"



Model	Pump body material		Dimension(mm)										
	Cast iron	Stainless steel	L	L1	B	B1	H	H1	H2	D1	D2	D3	D4	D5
GEB32-4-220F(N)	●	●	220	110	140	70	210	145	113	32	80	100	140	19
GEB32-6-220F(N)	●	●	220	110	140	70	210	145	113	32	80	100	140	19
GEB32-8-220F(N)	●	●	220	110	140	70	210	145	113	32	80	100	140	19
GEB32-10-220F(N)	●	●	220	110	140	70	210	145	113	32	80	100	140	19

UPS Circulation pump

Capacity up to 160 L/min(9.6 m^3/h)

Head up to 15 m

Canned moto
Low noise
No leakage

Household | Floor heating | Hot water

INSTALLATION & USE

UPS pumps are designed for circulation of liquids in heat-ing and air-conditioning systems. Pumps with brass or stainless steel housings are also suitable for using in hot-water service systems. Examples of typical applica-tions are mix water underfloor heating system, air energy hot water circulation system, solar hot water circulation system, etc.

APPLICATION LIMITS

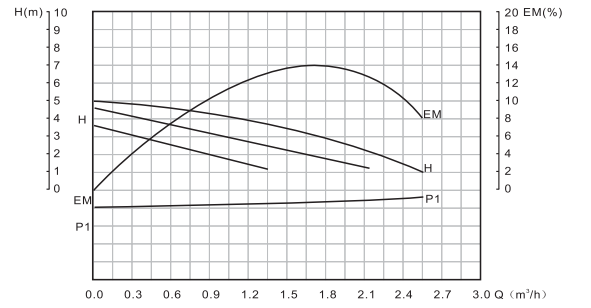
Liquid temperature:+2℃~+110℃
Maximum ambient temperature: +40℃
Maximum system pressure: 10 bar
Protection level:IP44
Insulation class:F
Pumped liquid characteristics:clean,free from solids and mineral oil,non-toxic,chemically neutral,close to the characteristics of water.
Installation:the motor shaft must be kept in horizontal direction
PH:6.5 to 8.5

PERFORMANCE

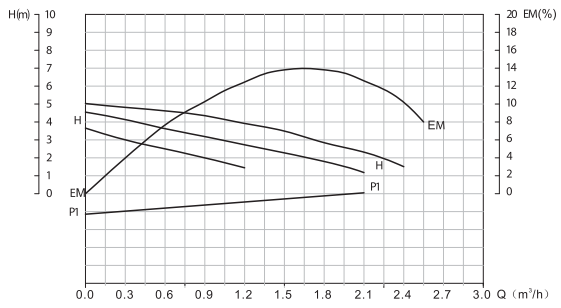
Model	Voltage	Power	Material of pump body		Max.flow	Max.head	Current	Wight
	V/Hz	W	Cast iron	Brass	m^3/h	m	A	kg
UPS15-4-130(U)	220V/50Hz	38/53/72	•	•	0.8/1.7/2.3	3/4/4.5	0.17/0.24/0.33	2.5
UPS15-5-130(U)	220V/50Hz	46/67/81	•	•	1.2/2.1/2.7	3/4/5	0.21/0.30/0.37	2.5
UPS15-6-130(U)	220V/50Hz	46/67/93	•	•	1.2/2.0/2.6	3/5/6	0.21/0.3/0.42	2.4
UPS20-4-130	220V/50Hz	38/53/72	•		0.8/1.7/2.3	3/4/4.5	0.17/0.24/0.33	2.4
UPS20-5-130	220V/50Hz	46/67/81	•		1.2/2.1/2.7	3/4/5	0.21/0.30/0.37	2.4
UPS20-6-130	220V/50Hz	46/67/93	•		1.3/2.3/3.3	3/5/6	0.21/0.30/0.42	2.6
UPS25-4-130(U)	220V/50Hz	38/53/72	•	•	1.3/2.1/2.9	3/4/4.5	0.17/0.24/0.33	2.5
UPS25-5-130(U)	220V/50Hz	46/67/81	•	•	1.2/2.4/3.1	3/4/5	0.21/0.30/0.37	2.8
UPS25-6-130(U)	220V/50Hz	46/67/93	•	•	1.3/2.3/3.3	3/5/6	0.21/0.3/0.42	2.8
UPS25-7-130(U)	220V/50Hz	66/95/122	•	•	2.4/3.5/4.3	4.5/6/6.5	0.31/0.44/0.56	2.7
UPS32-4-130	220V/50Hz	38/53/72	•		1.3/2.3/3.4	3/4/4.5	0.17/0.24/0.33	2.6
UPS32-5-130	220V/50Hz	46/67/81	•		1.4/2.5/3.8	3/4/5	0.21/0.30/0.37	2.8
UPS32-6-130	220V/50Hz	46/67/93	•		1.6/2.9/3.9	3/5/6	0.21/0.3/0.42	2.8
UPS25-4-180(U)	220V/50Hz	38/53/72	•	•	1.3/2.3/3.4	3/4/4.5	0.31/0.44/0.56	2.6
UPS25-5-180(U)	220V/50Hz	46/67/81	•	•	1.2/2.4/3.7	3/4/5	0.17/0.24/0.33	2.8
UPS25-6-180(U)	220V/50Hz	46/67/93	•	•	1.6/2.9/3.9	3/5/6	0.21/0.3/0.42	2.8
UPS25-7-180(U)	220V/50Hz	66/95/122	•	•	2.4/3.5/4.3	4.5/6/6.5	0.21/0.3/0.42	2.7
UPS32-4-180	220V/50Hz	38/53/72	•		1.3/2.3/3.4	3/4/4.5	0.17/0.24/0.33	2.6
UPS32-5-180	220V/50Hz	46/67/81	•		1.4/2.5/3.8	3/4/5	0.21/0.3/0.42	2.6
UPS32-6-180	220V/50Hz	46/67/93	•		1.6/2.9/3.9	3/5/6	0.21/0.3/0.42	3.2
UPS32-7-180	220V/50Hz	67/93/135	•		2.2/3.4/4.2	4.5/6.5/7	0.21/0.3/0.42	3.2
UPS25-8-180(U)	220V/50Hz	145/170/182	•	•	2.7/5.7/6.9	6.5/7.5/8	0.66/0.77/0.83	4.8
UPS32-8-180	220V/50Hz	150/210/270	•		2.5/6.2/9.6	6.5/7.5/8	0.68/0.96/1.23	5.2
UPS20-12-180(U)	220V/50Hz	145/220/245	•	•	1.3/1.9/3.1	7/11/12	0.66/1.0/1.11	4.4
UPS25-12-180	220V/50Hz	145/220/245	•		1.3/2.2/3.7	7/11/12	0.66/1.0/1.11	4.5
UPS25-15-180	220V/50Hz	150/210/270	•		1.7/2.8/4.1	10/13/15	0.68/0.96/1.23	5.1

PERFORMANCE

UPS15-4



UPS20-4



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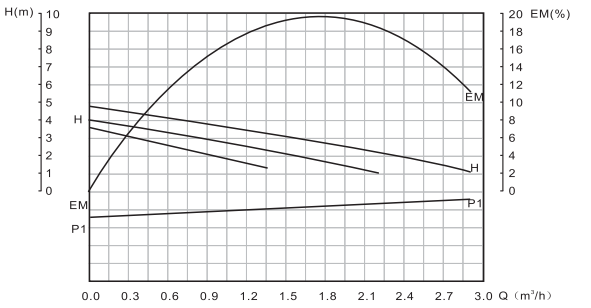

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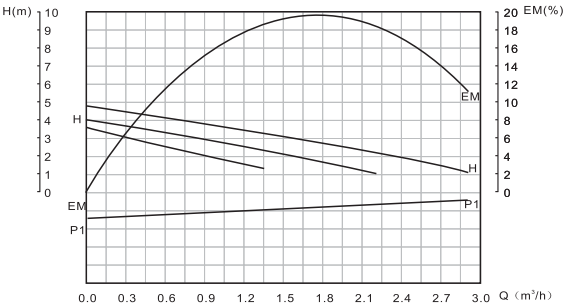

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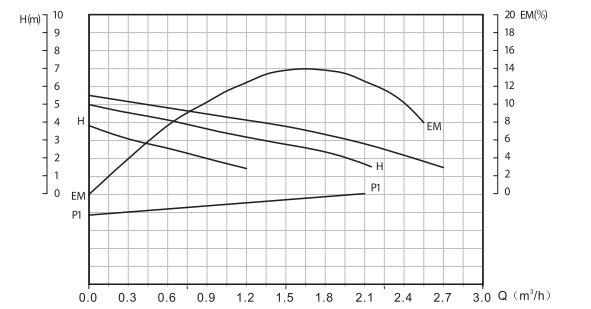

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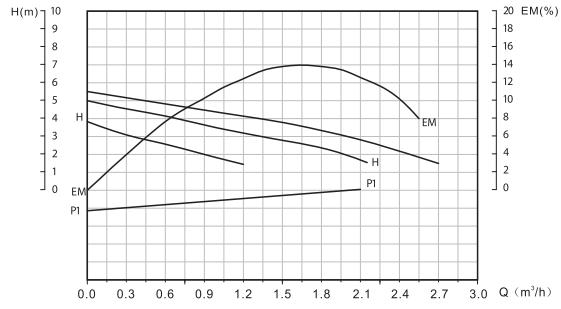

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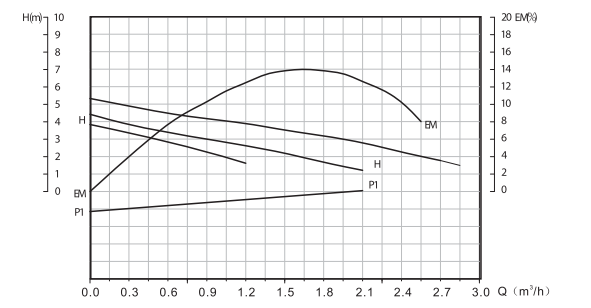

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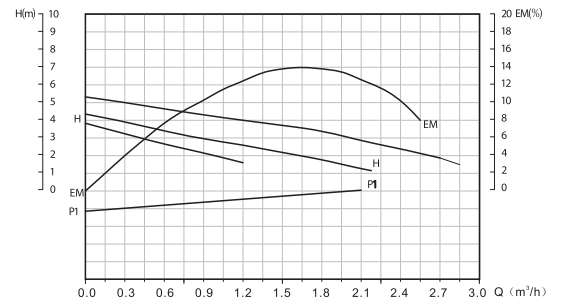
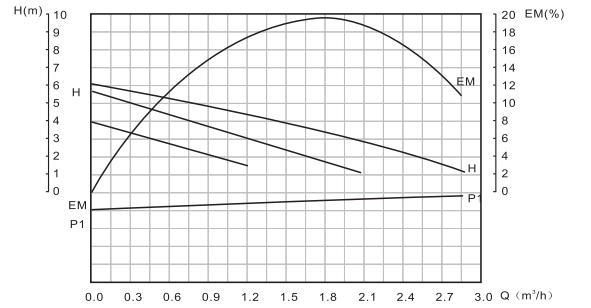


UPS15-6



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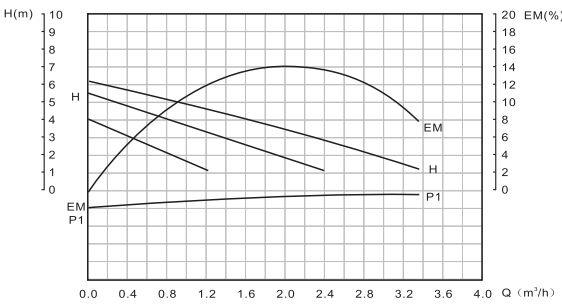
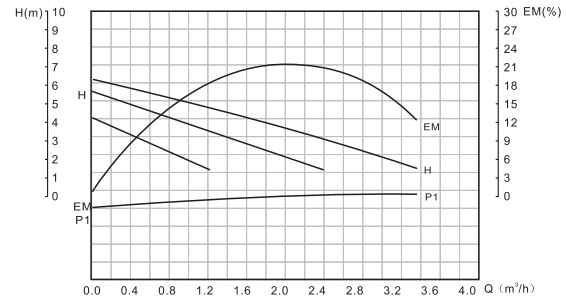
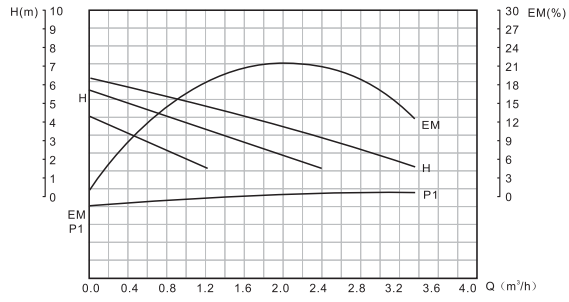


PERFORMANCE

UPS25-6



UPS32-6



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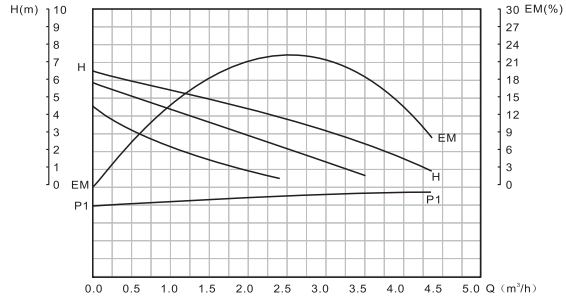

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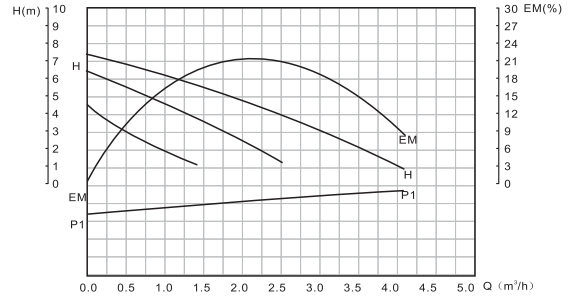

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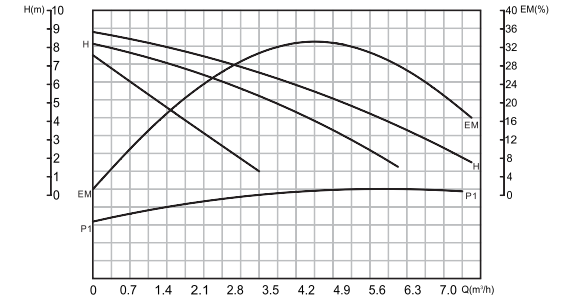
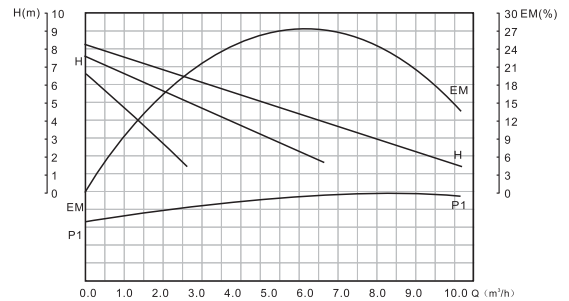
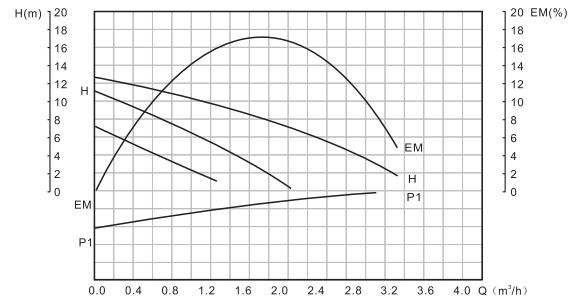


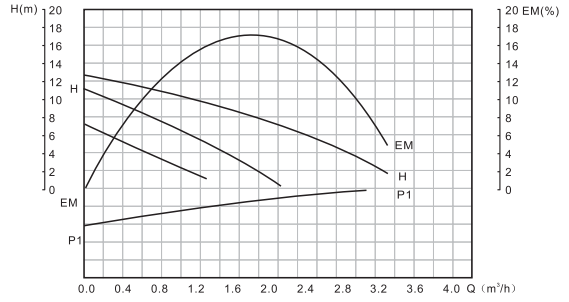
UPS32-8



UPS20-12



UPS25-12



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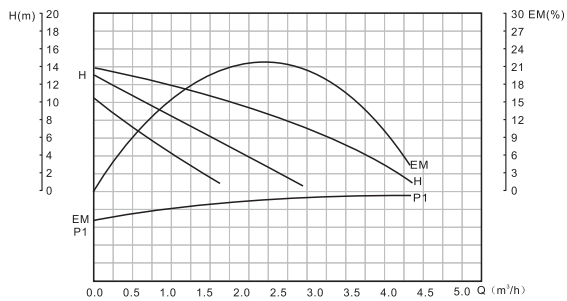
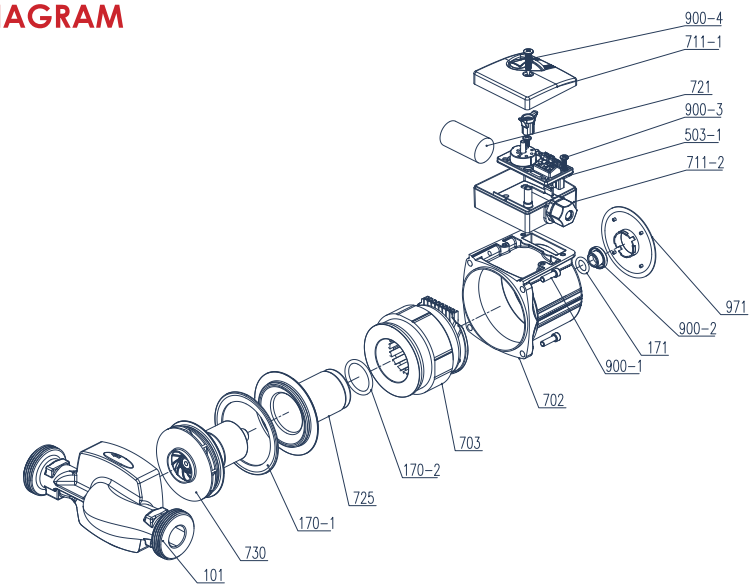


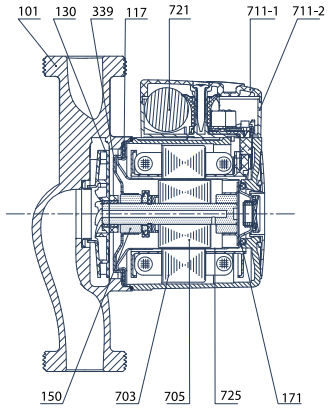
Circulation pump

DIAGRAM



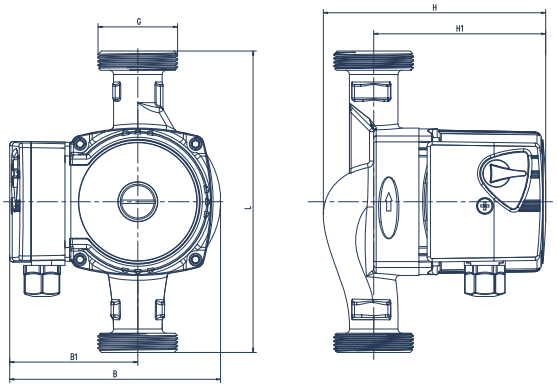
101	Pump body
170-1	Gasket
170-2	Gasket
171	O ring
503-1	terminal plate
702	Motor case
703	Stator assembly
711-1	Terminal box cover
711-2	Wiring box holder
721	Capacitor
725	Shield sleeve
730	Rotor assembly
900-1	Hexagon socket head cap screw
900-2	Vent cock
900-3	Phillips pan head screw
900-4	Phillips pan head tapping screw
971	Nameplate

PRODUCT PARAMETERS



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
101	PUMP BODY	Cast iron / Brass
117	GASKET	EPDM heat resistant rubber parts
130	IMPELLER	PES engineering plastic
150	BEARING	Brown Ceramic
171	O RING	EPDM heat resistant rubber parts
339	STAINLESS STEEL COVER	Stainless steel material
703	STATOR	FULL COPPER WIRE
705	ROTOR	Brown Ceramic
711-1	TERMINAL BOX COVER	Black plastic
711-2	TERMINAL BOX SEAT	Black plastic
721	CAPACITOR	Electronic device
725	SHIELD SLEEVE	Stainless steel

PRODUCT DIMENSIONS



Model	Dimention(mm)					
	L	B	B1	H	H1	G
UPS15-4-130(U)	130	127	76	133	103	1"
UPS15-5-130(U)	130	127	76	133	103	1"
UPS15-6-130(U)	130	127	76	133	103	1"
UPS20-4-130	130	127	76	133	103	1¼"
UPS20-5-130	130	127	76	133	103	1¼"
UPS20-6-130	130	127	76	133	103	1¼"
UPS25-4-130(U)	130	127	76	133	103	1½"
UPS25-5-130(U)	130	127	76	133	103	1½"
UPS25-6-130(U)	130	127	76	133	103	1½"
UPS25-7-130(U)	130	127	76	133	103	1½"
UPS32-4-130	130	127	76	133	103	2"
UPS32-5-130	130	127	76	133	103	2"
UPS32-6-130	130	127	76	133	103	2"
UPS25-4-180(U)	180	127	76	133	103	1½"
UPS25-5-180(U)	180	127	76	133	103	1½"
UPS25-6-180(U)	180	127	76	133	103	1½"
UPS25-7-180(U)	180	127	76	133	103	1½"
UPS32-4-180	180	127	76	133	103	2"
UPS32-5-180	180	127	76	133	103	2"
UPS32-6-180	180	127	76	133	103	2"
UPS32-7-180	180	123	76	145	103	2"
UPS25-8-180(U)	180	135	85	158	135	1½"
UPS32-8-180	180	137	85	172	135	2"
UPS20-12-180(U)	180	150	85	152	135	1“
UPS25-12-180	180	150	85	160	135	1½"
UPS25-15-180	180	149	85	160	135	1½"

GF(m) Standard Centrifugal Pump

Capacity up to 4000 L/min(240 m^3/h)

Head up to 151m

APPLICATION LIMITS

Manometric suction lift up to 7 m
Liquid temperature between -40 ~ 120℃
Ambient temperature up to + 40℃
Max. withstand pressure 16 bar

Industry Municipal

INSTALLATION & USE

They are recommended for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. This series can be used to supply and move water in cooling, heating, circulating and conditioning systems, as well as re ghting, irrigation, civil, industrial and agricultural applications. The realisation according to standard EN733- DIN24255 ensure that the dimensions comply with those standards. The constructive from allows the pump body moved without disconnecting it from the pipes. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

CONSTRUCTION

Pump Body: Cast iron
Impeller: cast iron / "*" Stainless steel
Motor Shaft: Stainless steel.
Mechanical Seal: Ceramic- graphite.
Electric Motor: Single- phase 230V- 50Hz with condenser and thermal overload protector built into the copper winding; Three-phase 380/ 400V50Hz.
Insulation: Class F.
Protection: IP 55.

PERFORMANCE

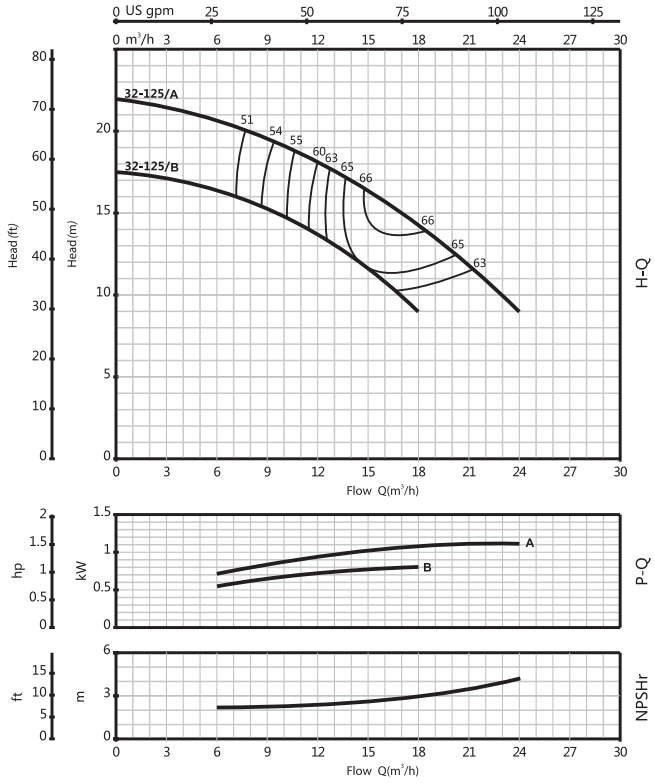
Model	Power	Max.flow	Max.head	Size	Speed	Current(A)	
	(kW)	(m^3/h)	(m)	(mm)	(rpm)	1~	3~
GF32(m)-125B*	0.75	18	17.5	50*32	2900	1.8	5.15
GF32(m)-125A*	1.1	24	22	50*32	2900	2.5	7
GF32(m)-160C*	1.5	18	25.4	50*32	2900	2.9	9.44
GF32(m)-160B*	2.2	24	31	50*32	2900	4.7	13.4
GF32(m)-160A*	3	27	35	50*32	2900	5.6	18
GF32-200D*	3	27	44.2	50*32	2900	5.8	/
GF32-200C*	4	27	54.5	50*32	2900	6.9	/
GF32-200B*	5.5	24	53	50*32	2900	9.2	/
GF32-200A*	7.5	24	61	50*32	2900	12.8	/
GF32-250C*	9.2	24	75	50*32	2900	16	/
GF32-250B*	11	24	90	50*32	2900	19.3	/
GF32-250A*	15	24	97	50*32	2900	26.8	/
GF40(m)-125C	1.1	36	14.7	65*40	2900	2.5	7
GF40(m)-125B	1.5	42	18.1	65*40	2900	3	9.44
GF40(m)-125A	2.2	48	24.5	65*40	2900	4.7	13.4
GF40(m)-160B	3	42	31.8	65*40	2900	6.4	18
GF40-160A	4	48	38	65*40	2900	6.9	/
GF40-200B*	5.5	42	46	65*40	2900	9.4	/
GF40-200A*	7.5	48	57	65*40	2900	13	/

PERFORMANCE

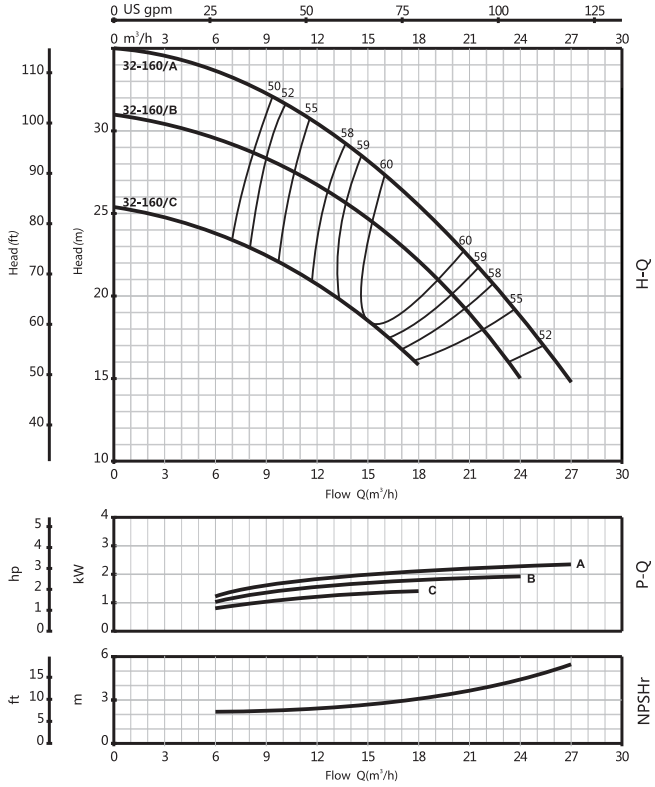
Model	Power	Max.flow	Max.head	Size	Speed	Current(A)	
	(kW)	(m^3/h)	(m)	(mm)	(rpm)	1~	3~
GF40-250D	9.2	48	64	65*40	2900	15.5	/
GF40-250C	11	48	72	65*40	2900	18.8	/
GF40-250B	15	48	84.5	65*40	2900	27.3	/
GF40-250A	18.5	48	90	65*40	2900	30.7	/
GF50(m)-125C	2.2	72	17	65*50	2900	4.7	13.4
GF50(m)-125B	3	72	20	65*50	2900	6.4	18
GF50-125A	4	84	24	65*50	2900	7	/
GF50-160C	4	84	28	65*50	2900	7.5	/
GF50-160B	5.5	84	32	65*50	2900	9.4	/
GF50-160A	7.5	90	40	65*50	2900	13	/
GF50-200C	9.2	84	50.5	65*50	2900	16.5	/
GF50-200B	11	90	57.5	65*50	2900	19	/
GF50-200A	15	90	62	65*50	2900	27.4	/
GF50-250C	15	84	68.5	65*50	2900	27	/
GF50-250B	18.5	90	79	65*50	2900	31.5	/
GF50-250A	22	90	89.5	65*50	2900	38	/
GF65-125C	4	90	19	80*65	2900	7.5	/
GF65-125B	5.5	108	23	80*65	2900	9.3	/
GF65-125A	7.5	120	27	80*65	2900	12.5	/
GF65-160C	9.2	120	33	80*65	2900	16	/
GF65-160B	11	120	36	80*65	2900	18.5	/
GF65-160A	15	138	42	80*65	2900	27.4	/
GF65-200C	15	120	45	80*65	2900	27	/
GF65-200B	18.5	120	52	80*65	2900	30.8	/
GF65-200A	22	138	59	80*65	2900	37.8	/
GF65-250C	22	120	64.8	80*65	2900	39.5	/
GF65-250B	30	138	80	80*65	2900	53	/
GF65-250A	37	138	92	80*65	2900	69.8	/
GF65-315D	45	144	102.	80x65	2900	83.9	/
GF65-315C	55	180	122	80*65	2900	103	/
GF65-315B	75	210	141	80x65	2900	140	/
GF65-315A	90	210	151	80x65	2900	167	/
GF80-125C	4	120	17	100*80	2900	8.2	/
GF80-125B	5.5	138	21	100*80	2900	9.5	/
GF80-125A	7.5	138	26	100*80	2900	13	/
GF80-160D	11	180	28	100*80	2900	19	/
GF80-160C	15	210	34	100*80	2900	27.4	/
GF80-160B	18.5	210	39	100*80	2900	31	/
GF80-160A	22	210	44	100*80	2900	38	/
GF80-200B	22	210	48	100*80	2900	38	/
GF80-200A	30	210	60	100*80	2900	53	/
GF80-250C	37	210	71.5	100*80	2900	65	/
GF80-250B	45	210	88	100*80	2900	77	/
GF80-250A	55	210	94.5	100*80	2900	103	/
GF80-315D	45	210	85	100x80	2900	83.9	/
GF80-315C	55	210	98	100x80	2900	103	/
GF80-315B	75	240	124	100x80	2900	126	/
GF80-315A	90	240	144	100x80	2900	167	/

PERFORMANCE

32-125



32-160



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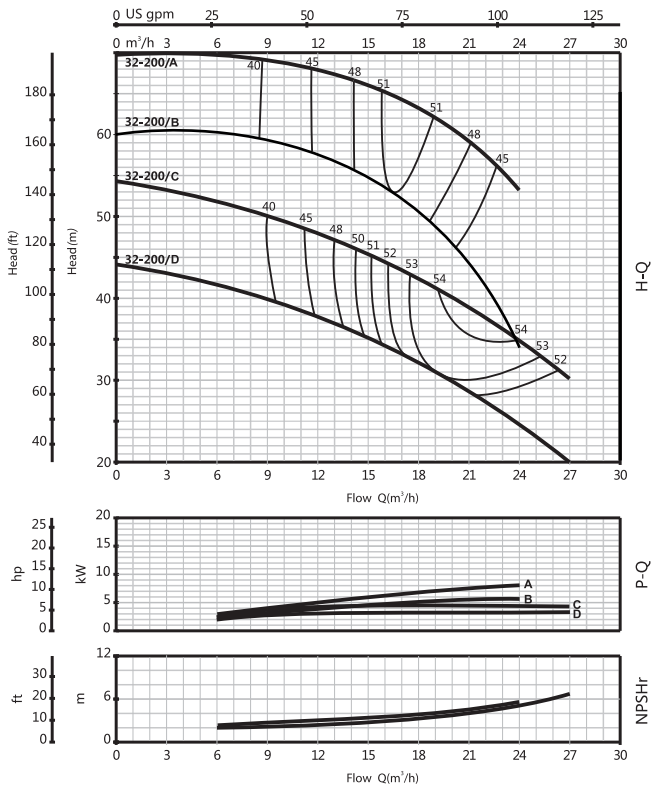

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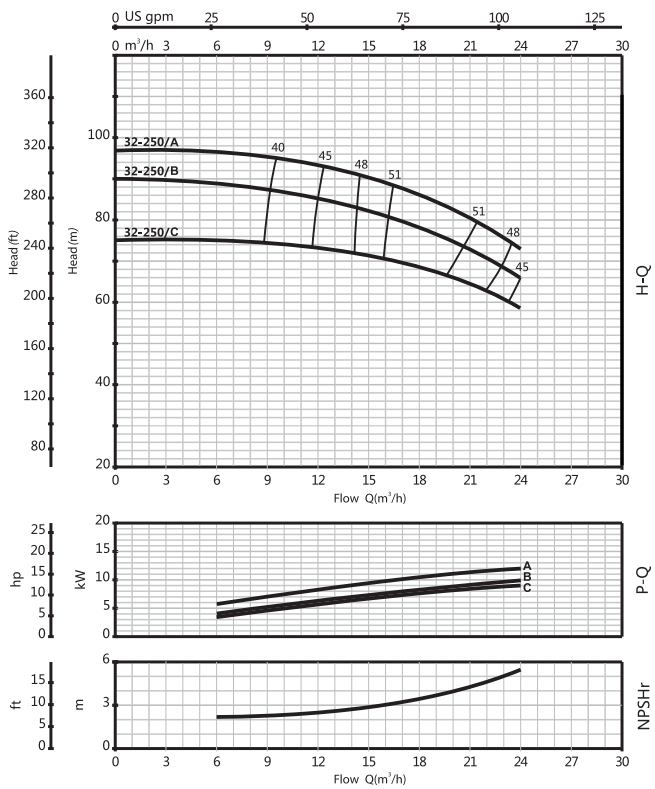
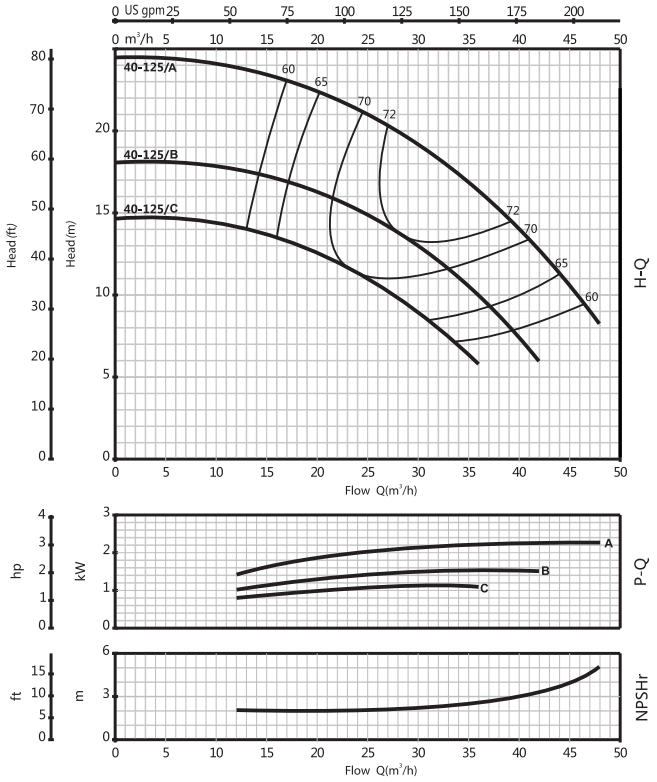


PERFORMANCE

40-125



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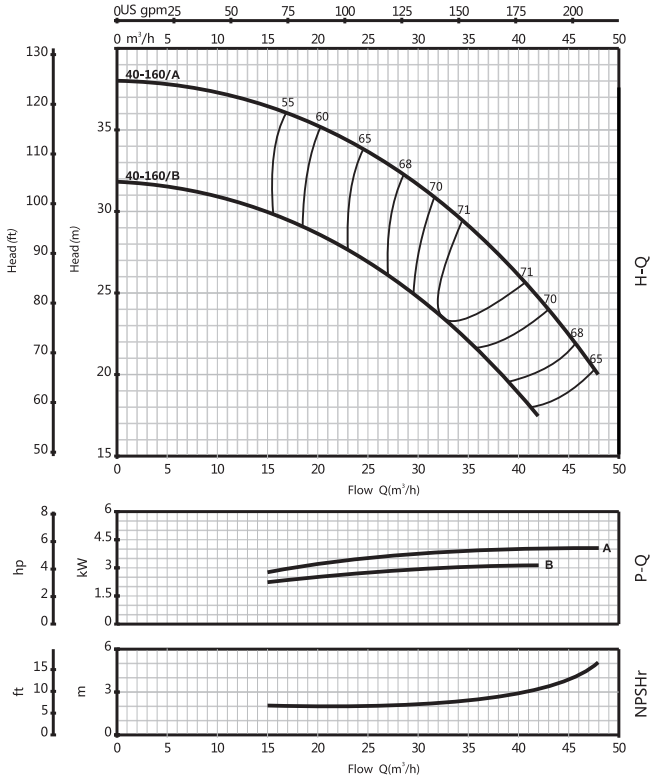

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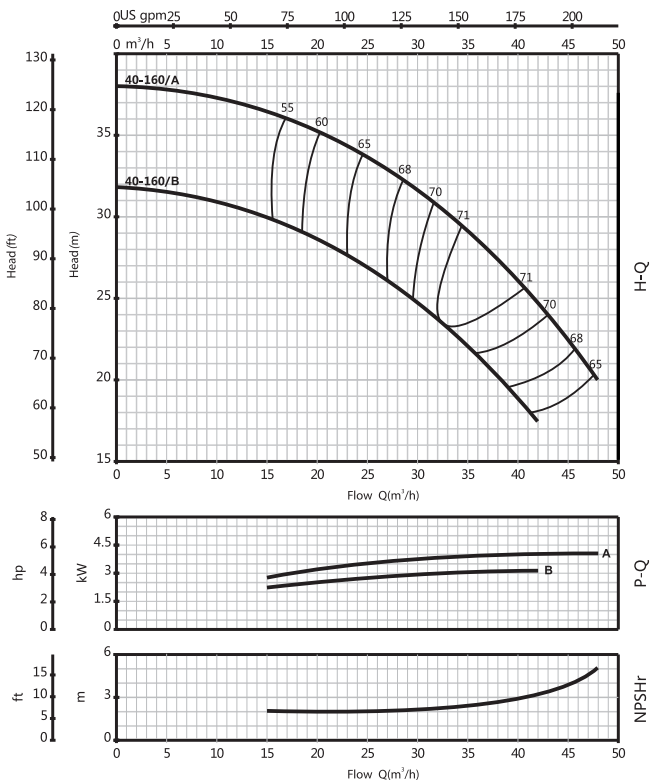

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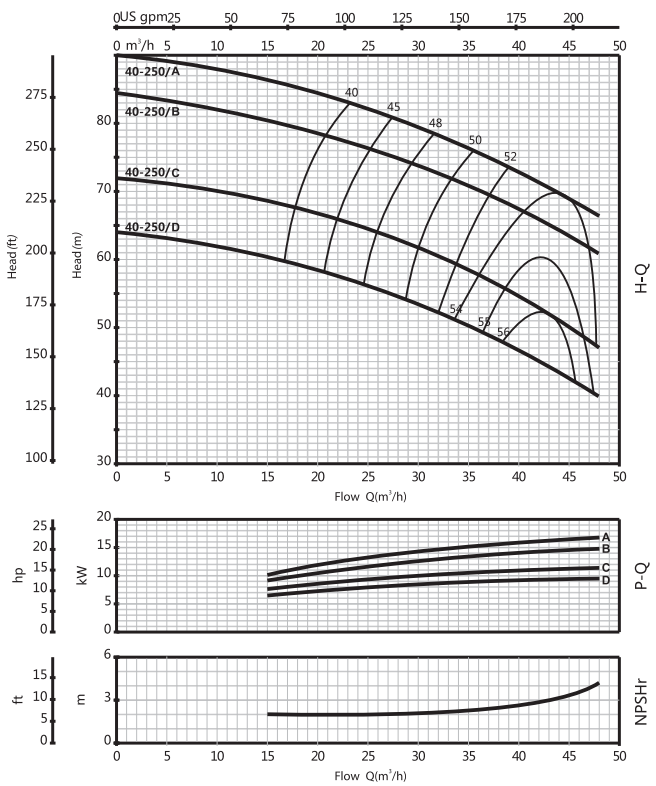
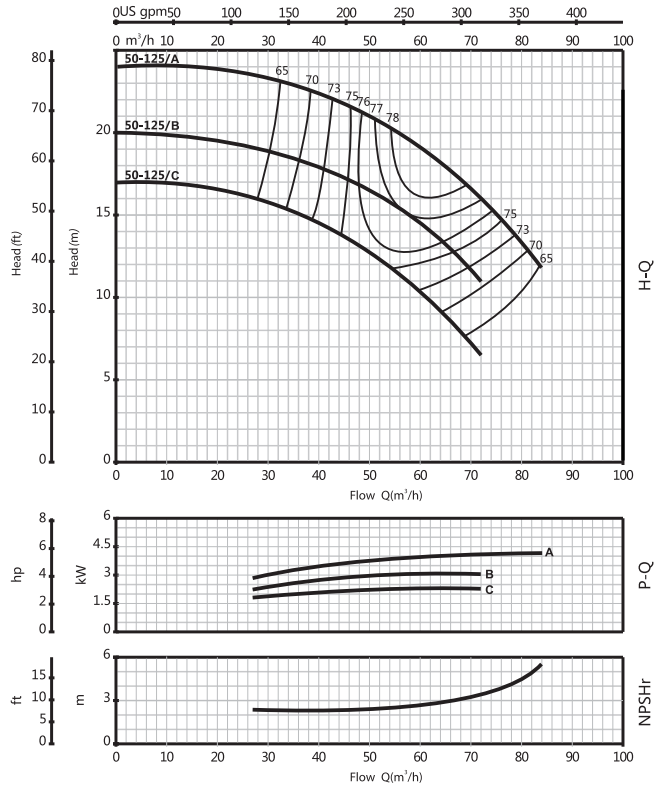


PERFORMANCE

50-125



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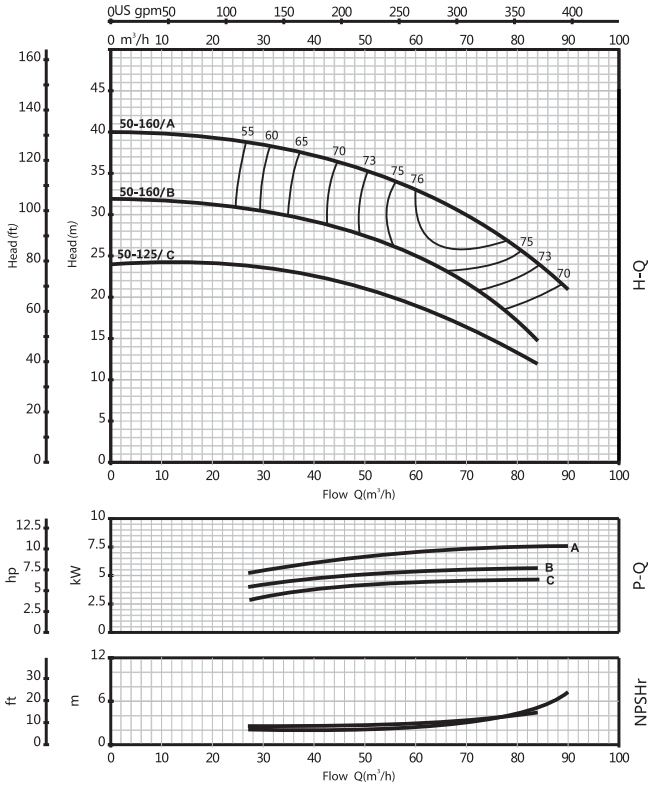
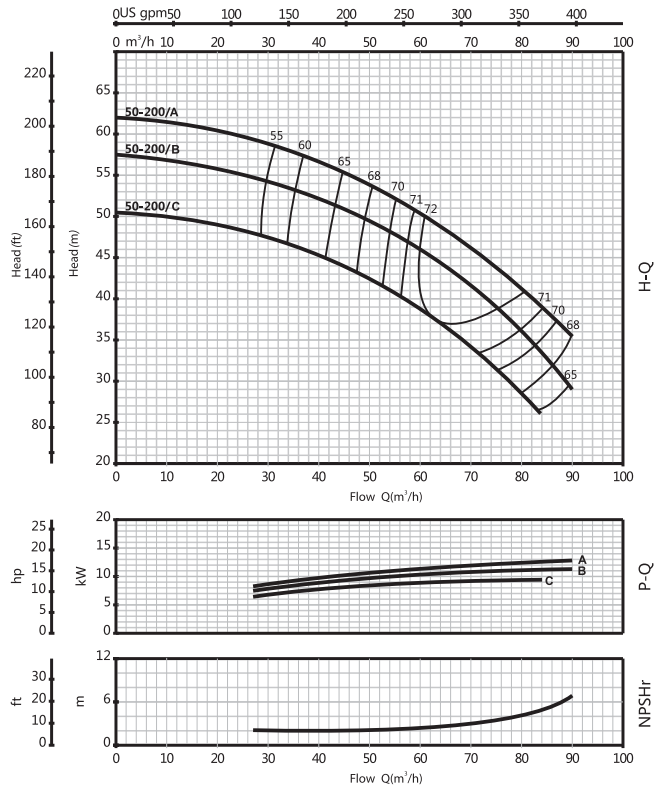
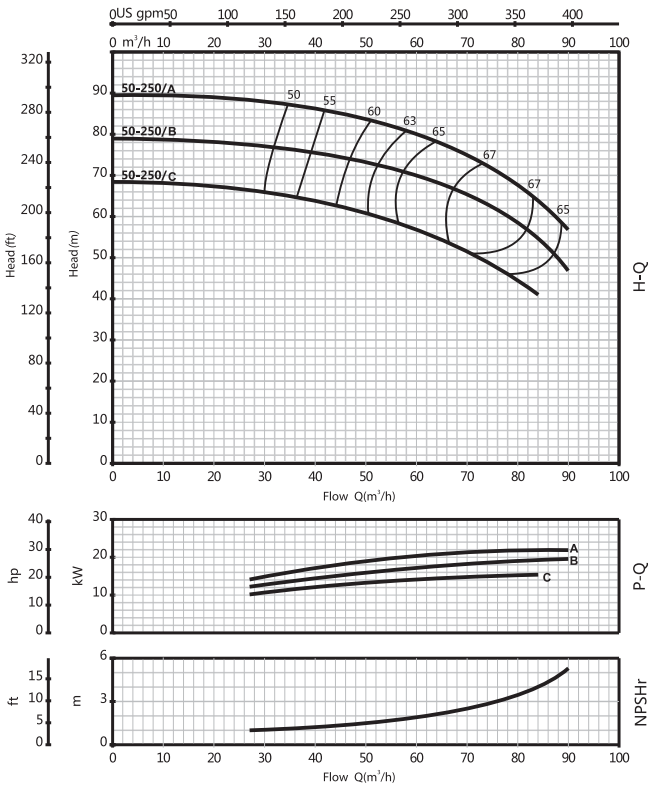


50-200

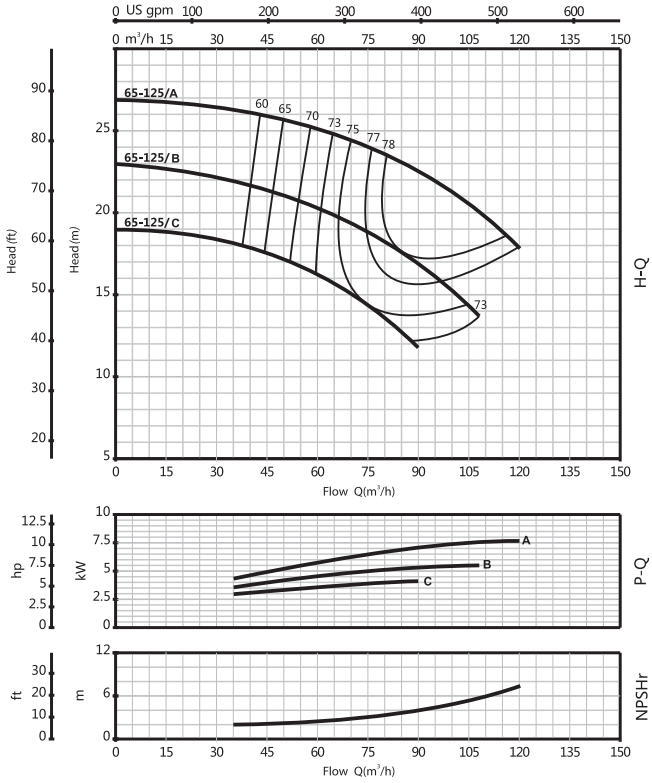


50-250

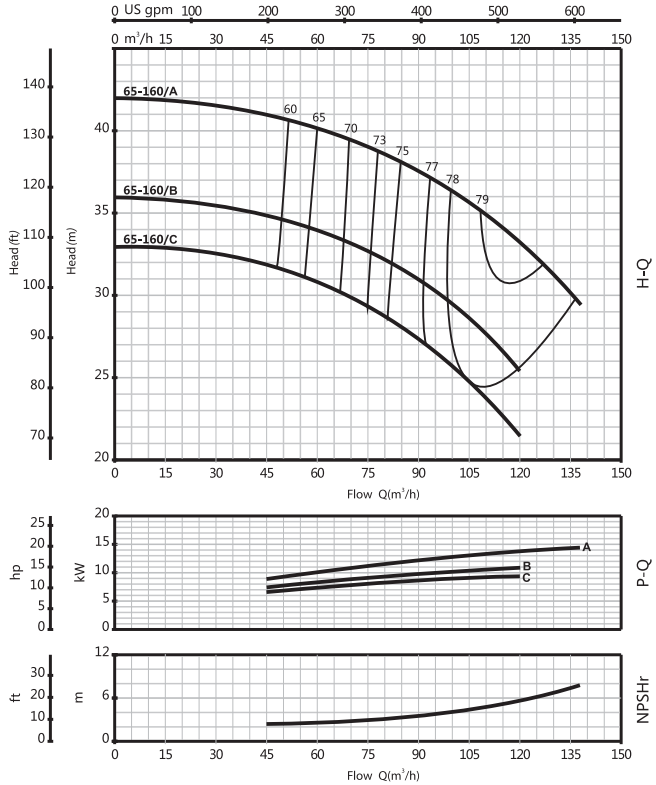


PERFORMANCE

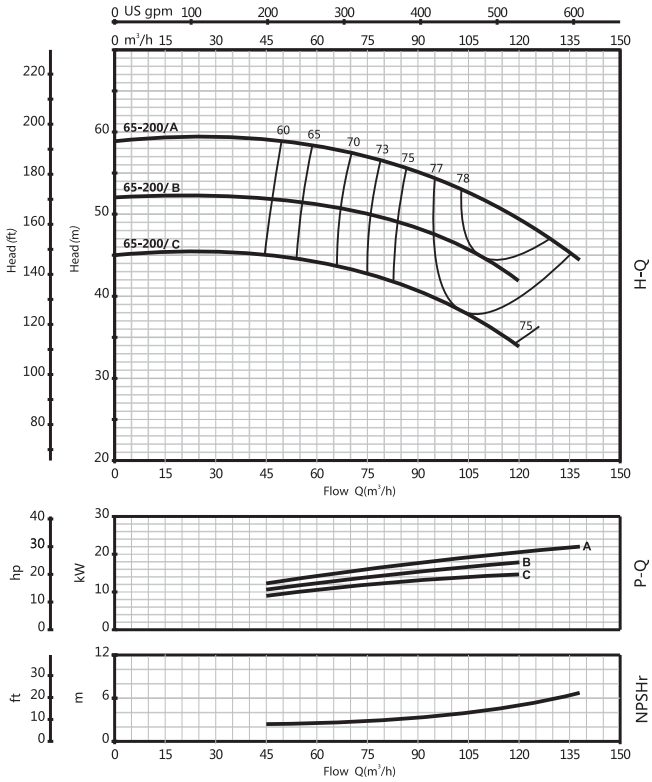
65-125



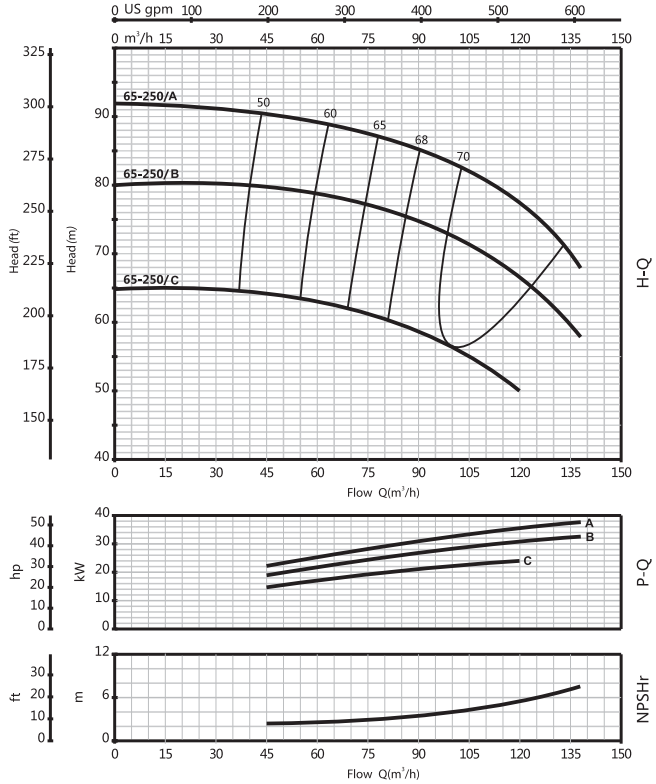
65-160



65-200

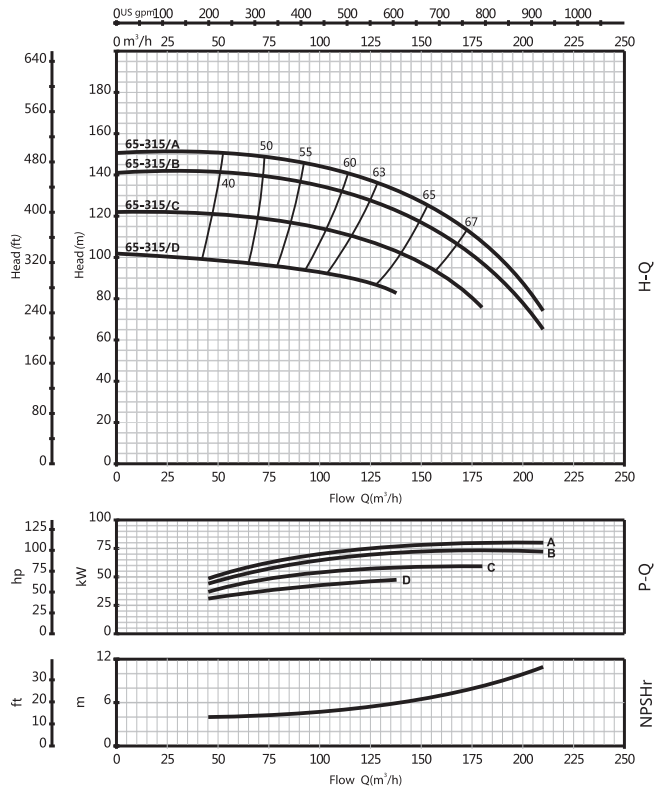


65-250

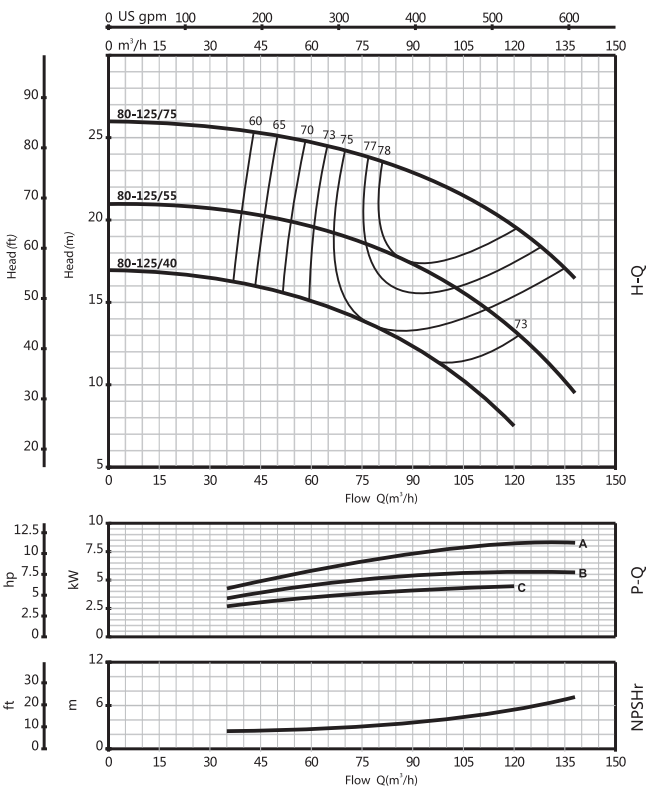


PERFORMANCE

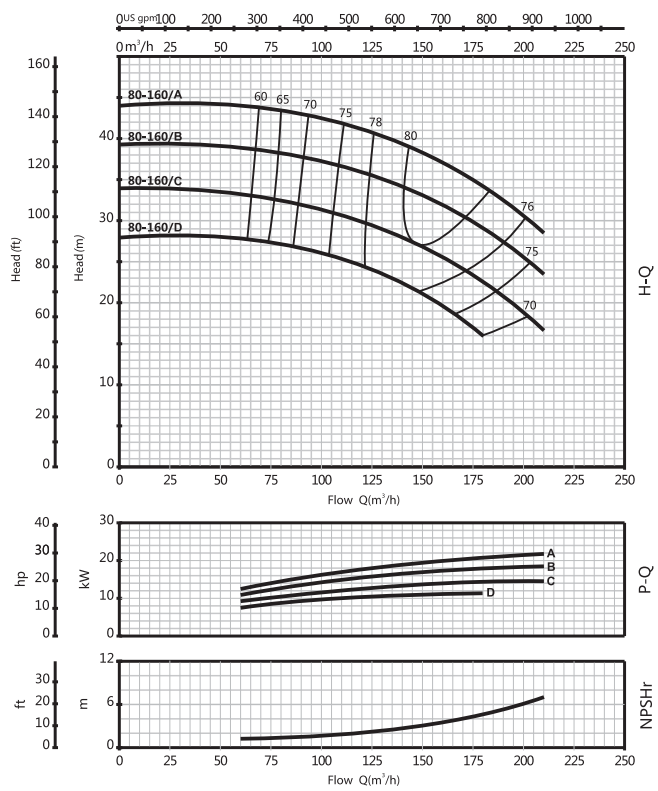
65-315



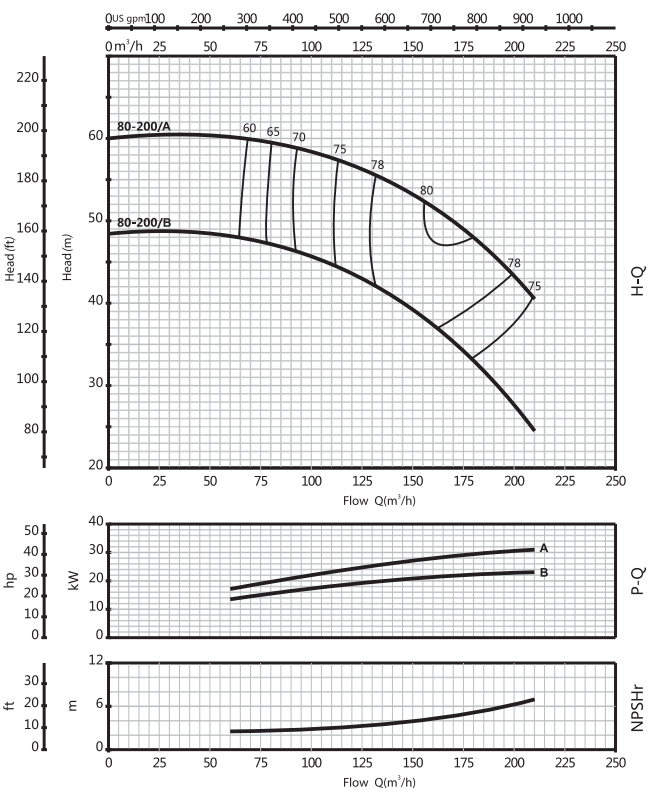
80-125



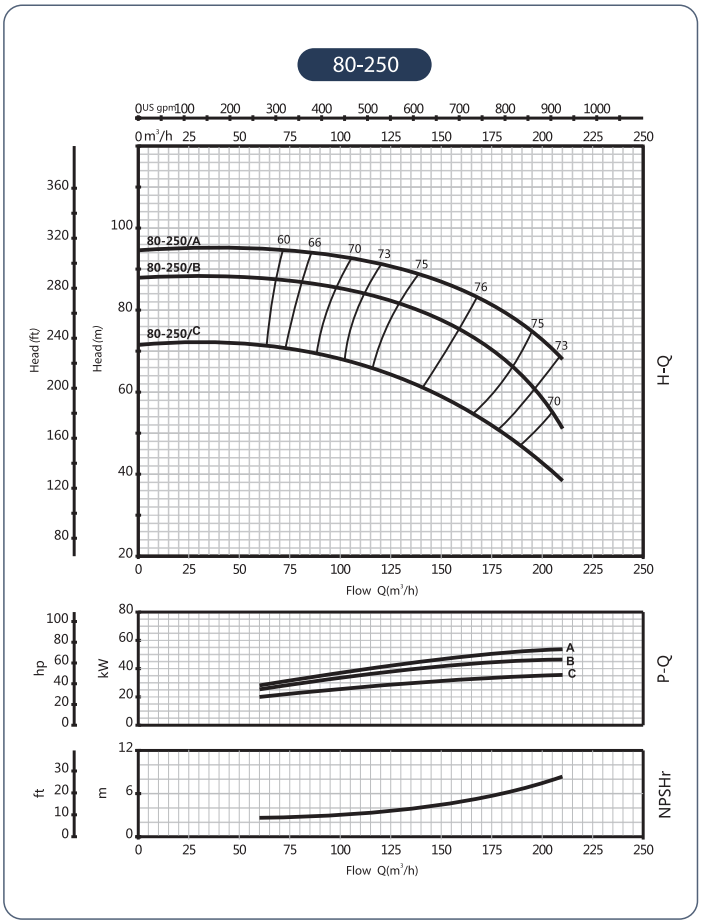
80-160

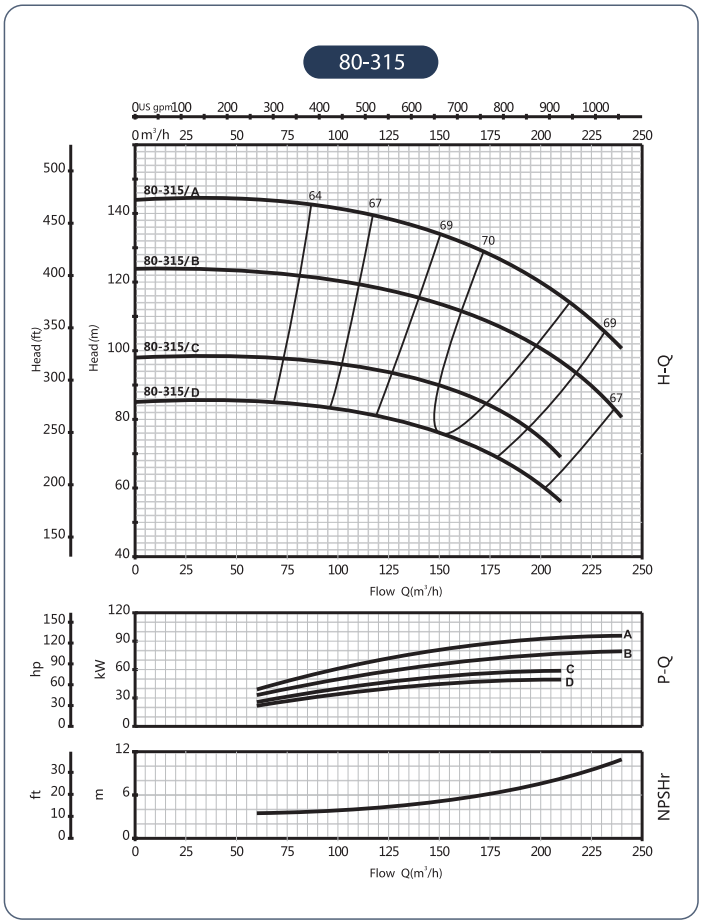


80-200

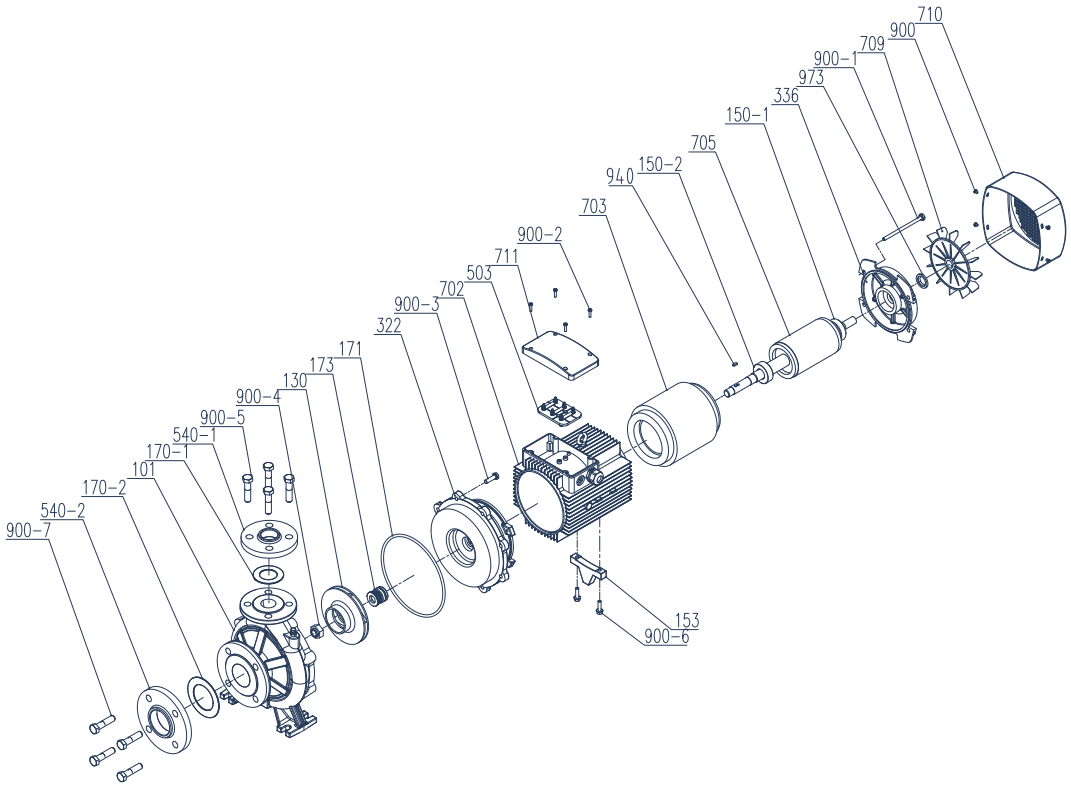


PERFORMANCE





DIAGRAM



101	Pump body
130	Impeller
150-1	Bearing
150-2	Bearing
153	Bracket
170-1	Gasket
170-2	Gasket
171	O ring
173	Mechanical seal
322	Coupling
336	Motor back cover
503	Terminal
540-1	Flange
540-2	Flange
702	Barrel
703	Stator core with winding
705	Rotor
709	Fan
710	Fan cover
711	Terminal box cover
900	Cross recessed round head screw with washer
900-1	Hexagon headed bolt
900-2	Phillips pan head screw
900-3	Hexagon headed bolt
900-4	Lock nut
900-5	Hexagon headed bolt
900-6	Hexagon flange bolt
900-7	Hexagon headed bolt
940	Key
973	Dustproof ring

GCO(m) Horizontal Stainless Steel Centrifugal Pump

Capacity up to 730 L/min(43.8 m^3/h)

Head up to 21.5m

APPLICATION LIMITS

Medium temperature : standard model: -20~ + 70℃
high temperature: -20~ + 104℃
Environmental temperature : ≤ 50℃
Max.working pressure : 1 MPa

Industry Municipal

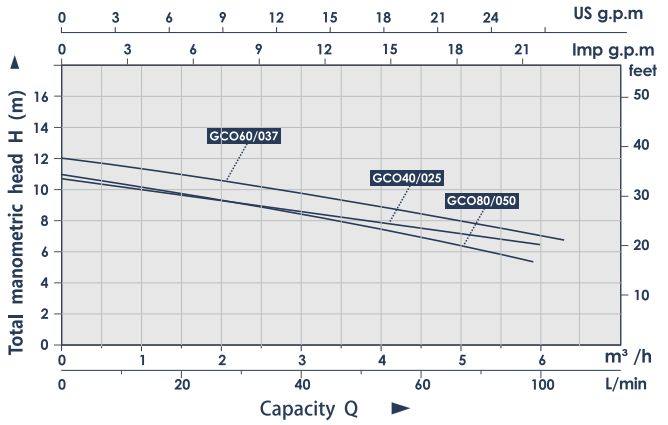
INSTALLATION & USE

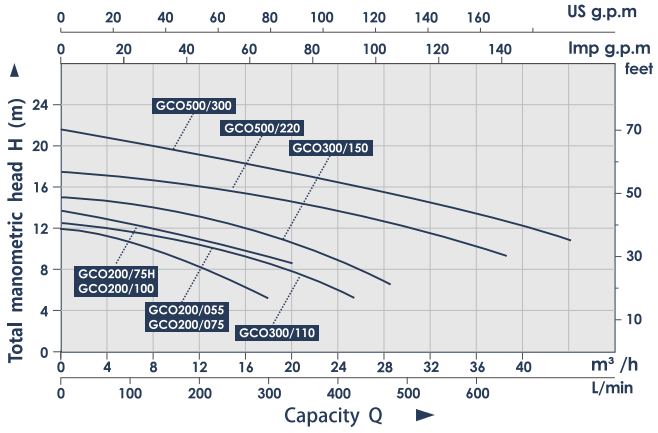
GCO series is horizontal stainless steel pump, it's suitable for pumping clean water without abrasive particles, and liquids that are chemically non aggressive for the materials of which the pump is made. This series can be used to supply and move water in cooling, heating, circulating and conditioning systems, as well as irrigation, civil, industrial and agricultural applications. The pumps should be installed in enclosed environment, or at least sheltered from inclement weather.

CONSTRUCTION

Pump Body: Stainless steel.
Motor Shaft: stainless steel .
Motor housing: Aluminum.
Mechanical Seal: Ceramic- graphite.
Electric Motor: Closed,externally ventilated.
Thermal protector: Single-phase.
Insulation: Class F.
Protection: IP 55.

PERFORMANCE

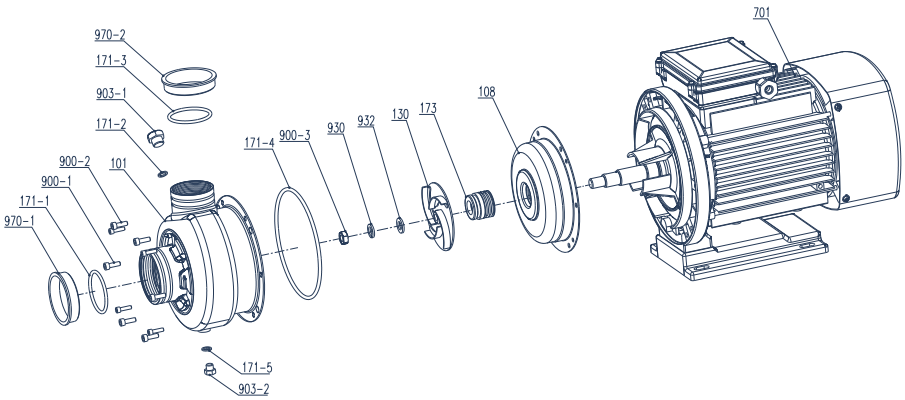




Model	Power		Rated head	Rated flow	Current(A)		Size	Q(m³/h)	0	1	2	3	4	5	6
	KW	HP	M	m³/H	1~	3~	Inch	Q(L/min)	0	17	33	50	67	83	100
GCO(m)40/025	0.25	0.34	8	2.4	2	0.7	1.25"×1"	H(m)	10.5	10	9.2	8.5	8	7	6.5
GCO(m)60/037	0.37	0.5	9	3.6	2.4	1	1.25"×1"		12	11.5	10.5	9.7	9	8	7
GCO(m)80/050	0.37	0.5	6.5	4.8	2.4	1	1.25"×1"		11	10	9.2	8.3	7.5	6.5	

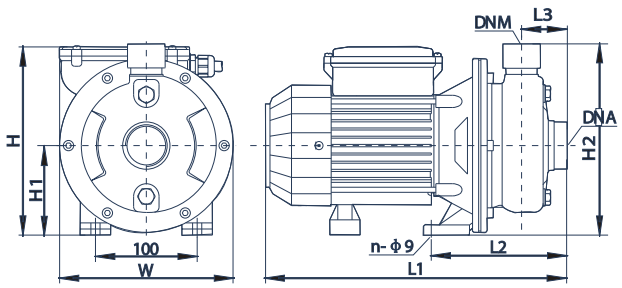
Model	Power		Rated head	Rated flow	Current(A)		Size	Q(m³/h)	0	4	8	12	16	20	24	28	32	36	40
	KW	HP	M	m³/H	1~	3~	Inch	Q(L/min)	0	67	133	200	267	333	400	467	533	600	667
GCO(m)200/055	0.55	0.75	8	12	12	12	1.5"×1.5"	H(m)	12	11	10	8	6						
GCO(m)200/075	0.75	1	8	12	12	12	1.5"×1.5"		12	11	10	8	6						
GCO(m)200/75H	0.75	1	10	12	12	12	1.5"×1.5"		14	13	12	11	10	9					
GCO(m)200/100	1.0	1.35	10	12	12	12	1.5"×1.5"		14	13	12	11	10	9					
GCO(m)300/110	1.1	1.5	7.5	18	18	18	2"×2"		12.5	12	11.5	10.5	9	8	6				
GCO(m)300/150	1.5	2	10.5	18	18	18	2"×2"		15	14.5	14	13.5	12	10.5	8.5	6.5			
GCO(m)500/220	2.2	3	11	30	30	30	2.5"×2"		17.5	17	16.5	16	15.5	14.5	13.5	12.5	11.5	10	
GCO500/300	3.0	4	15	30	30	30	2.5"×2"		21.5	21	20	19	18	17.5	16.5	15.5	14.5	13.5	12

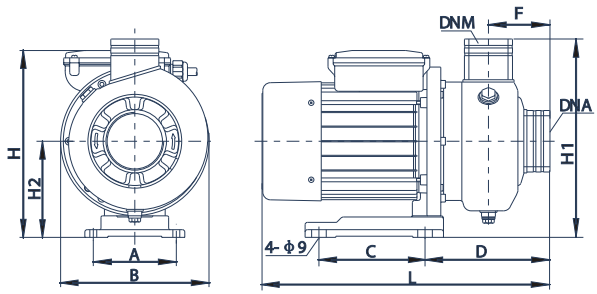
DIAGRAM



101	Pump body
108	Pump cover
130	Impeller
171-1	O ring
171-2	O ring
171-3	O ring
171-4	O ring
171-5	O ring
173	Mechanical seal
701	Motor
900-1	Hexagon sccket head cap screw
900-2	Hexagon sccket head cap screw
900-3	Lock nut
903-1	Plug screw
930	Plug screw
932	Spring washer
970-1	Flat washer
970-2	Dust cover

PRODUCT DIMENSIONS





Model	Dimension(mm)									n
	L1	L2	L3	W		H1	H2	H		
				1~	3~			1~	3~	
GCO(m)40/025	267	120	52	170	166	84	190	181	177	4
GCO(m)60/037	267	120	52	170	166	84	190	181	177	4
GCO(m)80/050	298	130	45	172	171	88	188	185	181	2

Model	Dimension(mm)								
	A	B	C	D	F	L	H	H1	H2
GCO(m)200/055	120	172	/	159	75	335	216	234	110
GCO(m)200/075	120	172	/	159	75	335	216	234	110
GCO(m)200/75H	120	172	/	159	75	335	216	234	110
GCO(m)200/100	120	172	/	159	75	335	216	234	110
GCO(m)300/110	108	193	138	165	82	378	243	258	125
GCO(m)300/150	108	193	138	165	82	378	243	258	125
GCO(m)500/220	108	193	138	165	82	413	242	258	125
GCO500/300	108	193	138	165	82	430	242	258	125

4SRm Deep well Pump

Capacity up to 300 L/min(18 m^3/h)

Head up to 388 m

APPLICATION LIMITS

Medium temperature does not exceed +40°C;
Medium PH values between 6.5 and 8.5;
The volume ratio of solid impurities in the medium is not more than 0.1%, and the particle size is not more than 0.2mm;
Diving depth does not exceed 70 meters;
Min. applicable well diameter: 4"

Irrigation Municipal

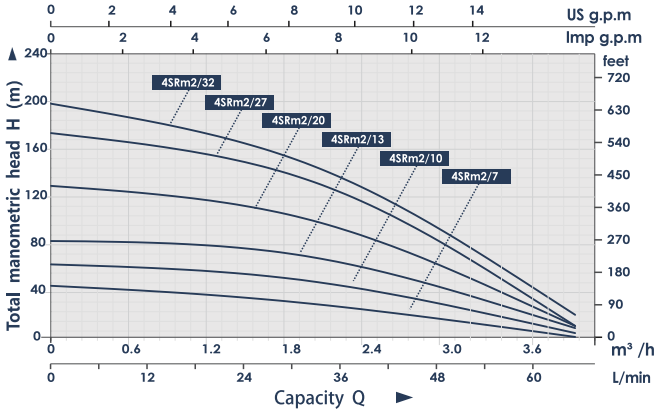
INSTALLATION & USE

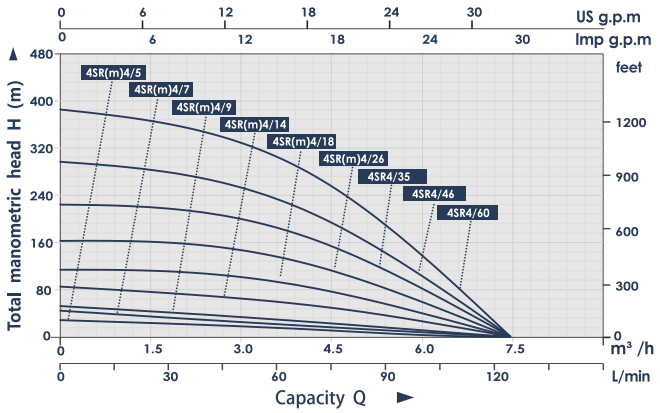
This series of electric pumps has a multi-stage impeller structure with a high head and wide application. It is suitable for pumping water in boreholes, ponds and lakes, lawn irrigation, domestic tap water, swimming pool lling, water tower and cistern delivery, fountains, agricultural drainage and irrigation, etc.

CONSTRUCTION

Delivery Body: Stainless steel AISI 304
Diffuser:POM
Top chock:SUS304
Outlet:SUS304
Connector:SUS304
Pump Shaft: Stainless steel
Drive Coupling: Stainless steel AISI 304
Insulation: Class B
Protection: IP 68

PERFORMANCE

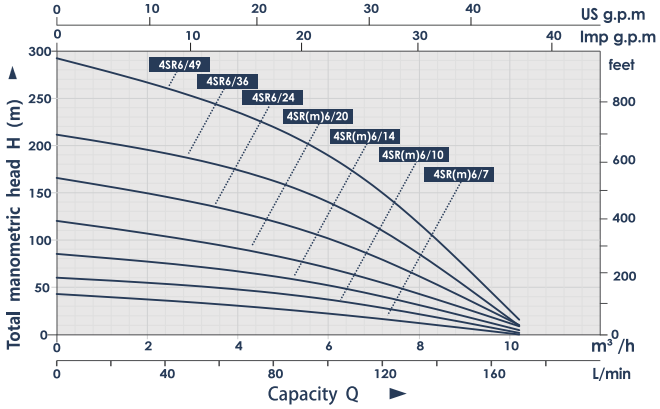


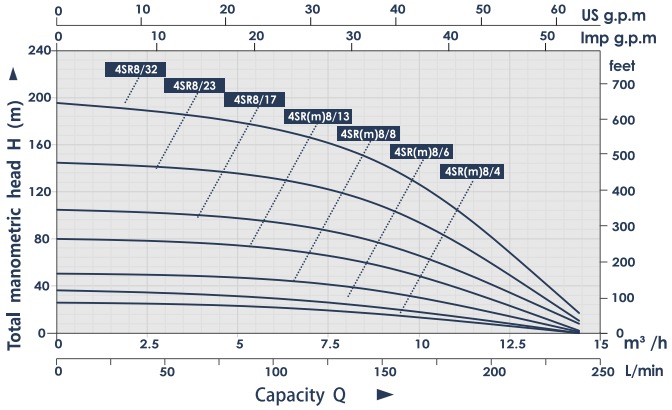


Model	Power		Current(A)		Size	Q(m^3/h)	0	0.6	1.2	1.8	2.4	3	3.6
	KW	HP	1~	3~	Inch	Q(L/min)	0	10	20	30	40	50	60
4SR(m)2/7	0.37	0.5	3.2	1.8	1¼"/1½"/2"	H(m)	42	40	36	33	23	13	2
4SR(m)2/10	0.55	0.75	4.2	2.2	1¼"/1½"/2"		63	60	56	49	39	26	13
4SR(m)2/13	0.75	1	5.8	2.8	1¼"/1½"/2"		82	80	78	70	55	40	18
4SR(m)2/20	1.1	1.5	8.6	3.8	1¼"/1½"/2"		128	120	113	102	77	52	23
4SR(m)2/27	1.5	2	10.2	4.8	1¼"/1½"/2"		175	169	162	145	110	78	36
4SR(m)2/32	2.2	3	15.2	6	1¼"/1½"/2"		198	187	170	150	123	83	42

Model	Power		Current(A)		Size	Q(m^3/h)	0	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6.6
	KW	HP	1~	3~	Inch	Q(L/min)	0	20	30	40	50	60	70	80	90	110
4SR(m)4/5	0.37	0.5	3.2	1.8	1¼"/1½"/2"	H(m)	33	31	31	29	29	27	24	20	16	7
4SR(m)4/7	0.55	0.75	4.2	2.2	1¼"/1½"/2"		46	44	43	41	40	37	33	28	23	10
4SR(m)4/9	0.75	1	5.8	2.8	1¼"/1½"/2"		60	56	55	54	50	48	44	38	30	12
4SR(m)4/14	1.1	1.5	8.6	3.8	1¼"/1½"/2"		92	88	85	80	78	73	68	58	50	22
4SR(m)4/18	1.5	2	10.2	4.8	1¼"/1½"/2"		117	110	108	104	100	92	84	76	63	26
4SR(m)4/26	2.2	3	15.2	6	1¼"/1½"/2"		164	155	147	139	130	119	105	86	72	30
4SR4/35	3	4	/	7.2	1¼"/1½"/2"		226	216	211	198	188	175	162	137	108	46
4SR4/46	4	5.5	/	10.8	1¼"/1½"/2"		298	285	278	260	248	230	212	180	142	60
4SR4/60	5.5	7.5	/	12.5	1¼"/1½"/2"		388	371	362	339	323	300	277	233	185	78

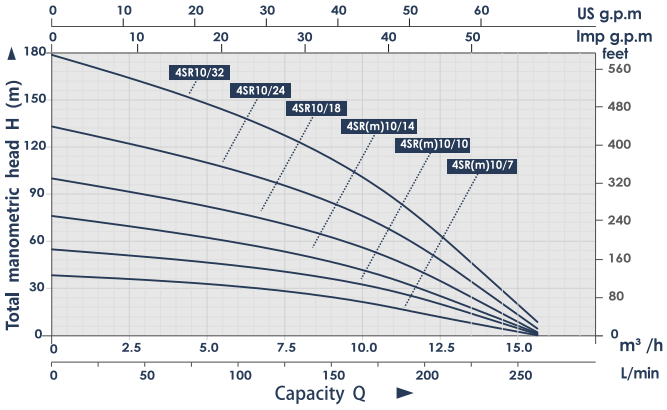
PERFORMANCE

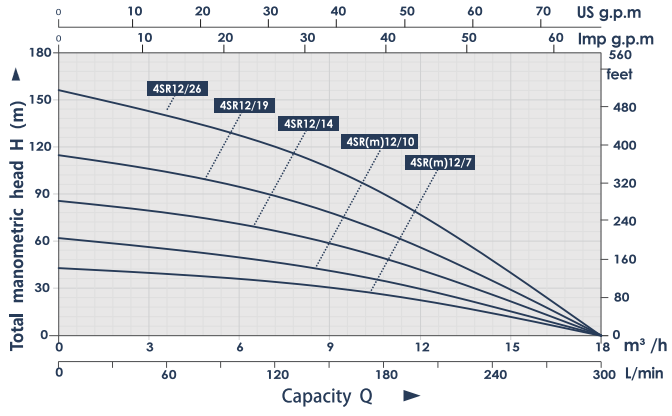




Model	Power		Current(A)		Size	Q(m³/h)	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6
	KW	HP	1~	3~	Inch	Q(L/min)	0	20	40	60	80	100	120	140	160
4SR(m)6/7	0.75	1	5.8	2.8	1½"/2"		42	40	37	35	30	27	23	17	6
4SR(m)6/10	1.1	1.5	8.6	3.8	1½"/2"		60	58	54	50	43	39	33	25	9
4SR(m)6/14	1.5	2	10.2	4.8	1½"/2"		84	81	75	70	60	54	46	35	12
4SR(m)6/20	2.2	3	15.2	6	1½"/2"	H(m)	120	116	108	100	86	78	66	50	18
4SR6/27	3	4	/	7.2	1½"/2"		162	156	145	135	116	105	89	67	24
4SR6/36	4	5.5	/	10.8	1½"/2"		216	208	194	180	154	140	118	90	32
4SR6/49	5.5	7.5	/	12.5	1½"/2"		294	284	264	245	210	191	162	122	44

Model	Power		Current(A)		Size	Q(m³/h)	0	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	13.2
	KW	HP	1~	3~	Inch	Q(L/min)	0	40	60	80	100	120	140	160	180	220
4SR(m)8/4	0.75	1	5.8	2.8	2"		25	23	22	21	21	20	19	17	17	6
4SR(m)8/6	1.1	1.5	8.6	3.8	2"		37	34	33	32	32	31	28	26	25	10
4SR(m)8/8	1.5	2	10.2	4.8	2"		50	45	45	43	43	41	38	35	33	13
4SR(m)8/13	2.2	3	15.2	6	2"	H(m)	80	75	74	71	69	66	59	52	44	16
4SR8/17	3	4	/	7.2	2"		105	96	96	92	91	87	80	74	71	28
4SR8/23	4	5.5	/	10.8	2"		142	135	132	128	125	120	113	105	83	38
4SR8/32	5.5	7.5	/	12.5	2		200	180	180	173	171	164	150	139	134	53

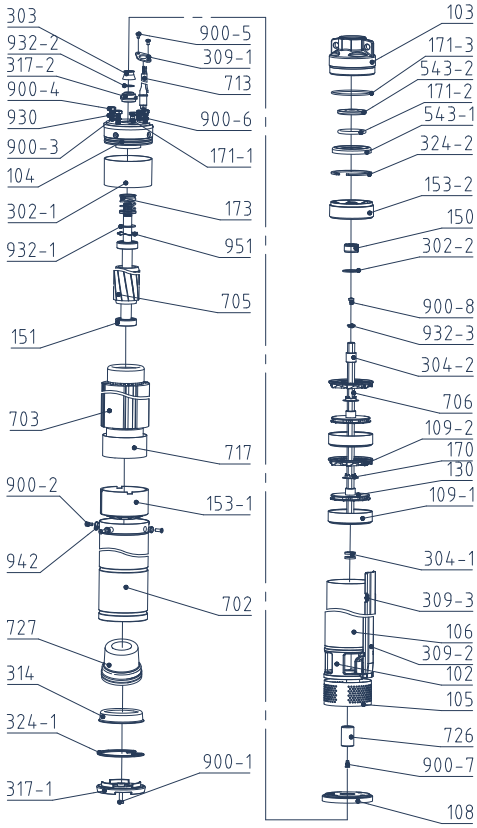




Model	Power		Current(A)		Size	Q(m³/h)	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4
	KW	HP	1~	3~	Inch	Q(L/min)	0	30	60	90	120	150	180	210	240
4SR(m)10/7	1.1	1.5	8.6	3.8	2"		39	37	35	32	28	23	19	13	6
4SR(m)10/10	1.5	2	10.2	4.8	2"		56	53	50	46	40	34	28	19	9
4SR(m)10/14	2.2	3	15.2	6	2"		78	74	70	64	56	47	39	26	12
4SR10/18	3	4	/	7.2	2"	H(m)	100	95	90	82	72	61	50	34	16
4SR10/24	4	5.5	/	10.8	2"		134	127	120	110	96	81	67	45	21
4SR10/32	5.5	7.5	/	12.5	2"		179	169	160	147	128	108	89	60	28

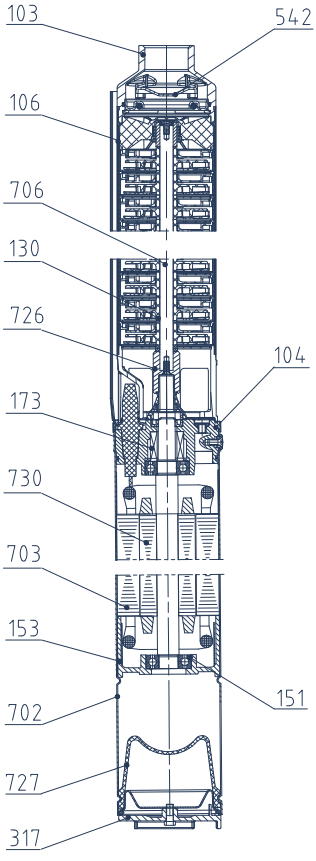
Model	Power		Current(A)		Size	Q(m³/h)	0	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	13.2
	KW	HP	1~	3~	Inch	Q(L/min)	0	40	60	80	100	120	140	160	180	220
4SR(m)12/7	1.5	2	10.2	4.8	2"		42	41	39	36	32	29	24	19	11	6
4SR(m)12/10	2.2	3	15.2	6	2"		61	59	56	52	47	42	35	28	17	9
4SR12/14	3	4	/	7.2	2"	H(m)	85	82	78	72	65	58	49	39	23	12
4SR12/19	4	5.5	/	10.8	2"		115	112	106	98	89	79	66	53	32	17
4SR12/26	5.5	7.5	/	12.5	2"		158	153	145	135	122	109	91	72	44	23

DIAGRAM



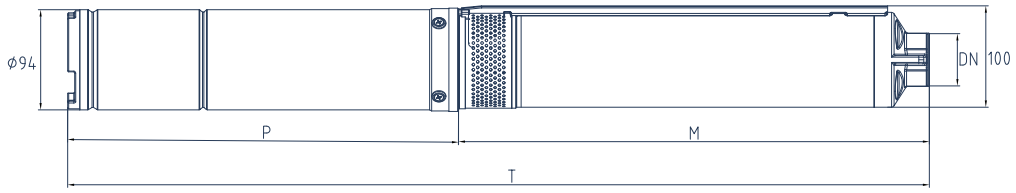
102	Water inlet joint
103	Outlet
104	Oil chamber
105	Net cover
106	Pump casing
108	Oil chamber cover
109-1	Guide vane
109-2	Guide vane
130	Impeller
150	Sliding bearing
151	Deep groove ball bearings
153-1	Lower bearing seat
153-2	Upper bearing seat
170	Gasket
171-1	O ring
171-2	O ring
172-3	O ring
173	Mechanical seal
302-1	Retaining ring
302-2	Retaining ring
303	Water throwing ring
304-1	Shaft sleeve
304-2	Shaft sleeve
309-1	Cable pressing plate
309-2	Cable protector
309-3	Press plate
314	Bottom cover
317-1	Base
317-2	Sand control seat
324-1	Circlip
324-2	Circlip
543-1	Valve sleeve
543-2	Valve deck
702	Barrel
703	Stator core with winding
705	Rotor
706	Pump shaft
713	Cable
717	Insulating paper
726	Coupling
727	Pressure regulating membrane
900-1	Hexagon headed bolt
900-2	Phillips countersunk head screw
900-3	Fully threaded socket head screw
900-4	Slotted hexagon nut
900-5	Phillips pan head screw
900-6	Vent cock
900-7	Phillips countersunk head screw
900-8	Phillips pan head screw
930	Spring washer
932	Flat washer
932-1	Flat washer
932-2	Flat washer
942	Dowel pin
951	Wave washer

PRODUCT PARAMETERS



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
103	OUTLET	Stainless steel
104	OIL CHAMBER	1. Bearing, skeleton oil seal, mechanical seal carrier 2. Pump body load-bearing carrier 3. Motor sealing carrier
106	PUMP CASING	Stainless steel
130	IMPELLER	Plastic PC
151	BEARING	Deep groove ball bearings
153	LOWER BEARING SEAT	Aluminium
173	MECHANICAL SEAL	Ceramic- graphite or Sic to graphite
317	BASE	Plastic
542	CHECK VALVE	Prevent water impact and sediment backflow
702	MOTOR CASE	Stainless steel
703	STATOR	Stator core with winding
706	PUMP SHAFT	Stainless steel
726	COUPLING	Connect the pump body and motor
727	PRESSURE REGULATING MEMBRANE	Pressure regulating oil bladder, balanced internal and external pressure
730	ROTOR ASSEMBLY	Stainless steel

PRODUCT DIMENSIONS



Model	Power (kW)	Dimension(mm)			DN
		M	P	T	
4SRm2/7	0.37	330.3	288.5	618.8	1¼"/1½"/2"
4SRm2/10	0.55	350.3	344.5	694.8	1¼"/1½"/2"
4SRm2/13	0.75	375.3	400	775.3	1¼"/1½"/2"
4SRm2/20	1.1	415.3	530.5	945.8	1¼"/1½"/2"
4SRm2/27	1.5	365.3	685.5	1150.8	1¼"/1½"/2"
4SRm2/32	2.2	550.3	803.5	1353.8	1¼"/1½"/2"
4SR2/7	0.37	330.3	288.5	618.8	1¼"/1½"/2"
4SR2/10	0.55	350.3	344.5	694.8	1¼"/1½"/2"
4SR2/13	0.75	375.3	400	775.3	1¼"/1½"/2"
4SR2/20	1.1	405.3	530.5	935.8	1¼"/1½"/2"
4SR2/27	1.5	430.3	685.5	1115.8	1¼"/1½"/2"
4SR2/32	2.2	510.3	803.5	1313.8	1¼"/1½"/2"
4SRm4/5	0.37	330.3	268.5	598.8	1¼"/1½"/2"
4SRm4/7	0.55	350.3	312.5	662.8	1¼"/1½"/2"
4SRm4/9	0.75	375.3	356.5	731.8	1¼"/1½"/2"
4SRm4/14	1.1	415.3	466.5	881.8	1¼"/1½"/2"
4SRm4/18	1.5	465.3	554.5	1019.8	1¼"/1½"/2"
4SRm4/26	2.2	550.3	755.5	1305.8	1¼"/1½"/2"
4SR4/5	0.37	330.3	268.5	598.8	1¼"/1½"/2"
4SR4/7	0.55	350.3	312.5	662.8	1¼"/1½"/2"
4SR4/9	0.75	375.3	356.5	731.8	1¼"/1½"/2"
4SR4/14	1.1	405.3	466.5	871.8	1¼"/1½"/2"
4SR4/18	1.5	430.3	554.5	984.8	1¼"/1½"/2"
4SR4/26	2.2	510.3	755.5	1265.8	1¼"/1½"/2"
4SR4/35	3	565.3	978.5	1543.8	1¼"/1½"/2"
4SR4/46	4	696.5	1251.5	1948	1¼"/1½"/2"
4SR4/60	5.5	786.5	1561.5	2348	1¼"/1½"/2"
4SRm6/7	0.75	375.3	420	795.3	1½"/2"
4SRm6/10	1.1	415.3	512	927.3	1½"/2"
4SRm6/14	1.5	465.3	634	10998	1½"/2"
4SRm6/20	2.2	550.3	857	1407.3	1½"/2"
4SR6/7	0.75	375.3	420	795.3	1½"/2"
4SR6/10	1.1	405.3	512	917.3	1½"/2"
4SR6/14	1.5	430.3	634	1064.8	1½"/2"
4SR6/20	2.2	510.3	857	1367.3	1½"/2"
4SR6/27	3	565.3	1110	1675.63	1½"/2"
4SR6/36	4	696.5	1424	2121	1½"/2"
4SR6/49	5.5	786.5	1862	2648	1½"/2"

Model	Power (kW)	Dimension(mm)			DN
		M	P	T	
4SRm8/4	0.75	375.3	327.5	702.8	2"
4SRm8/6	1.1	415.3	389	804.3	2"
4SRm8/8	1.5	455.3	450.5	905.8	2"
4SRm8/13	2.2	550.3	605	1155.8	2"
4SR8/4	0.75	375.3	327.5	702.8	2"
4SR8/6	1.1	405.3	389	794.3	2"
4SR8/8	1.5	430.3	450.5	888.8	2"
4SR8/13	2.2	510.3	605	1115.3	2"
4SR8/17	3	565.3	766	1331.3	2"
4SR8/23	4	696.5	950.5	1647	2"
4SR8/32	5.5	786.5	1265.5	2052	2"
4SRm10/7	1.1	415.3	570.5	985.8	2"
4SRm10/10	1.5	455.3	727	1182.3	2"
4SRm10/14	2.2	550.3	974	1524.3	2"
4SR10/7	1.1	405.3	570.5	975.8	2"
4SR10/10	1.5	430.3	727	1157.3	2"
4SR10/14	2.2	510.3	974	1484.3	2"
4SR10/18	3	565.3	1183	1748.3	2"
4SR10/24	4	696.5	1496	2192.5	2"
4SR10/32	5.5	786.5	1952	1952	2"
4SRm12/7	1.5	455.3	570.5	1025.8	2"
4SRm12/10	2.2	550.3	727	1277.3	2"
4SR12/7	1.5	430.3	570.5	1000.8	2"
4SR12/10	2.2	510.3	727	1237.3	2"
4SR12/14	3	565.3	974	1539.3	2"
4SR12/19	4	696.5	1235	1931.5	2"
4SR12/26	5.5	786.5	1639	2425.5	2"

QDX Submersible Pump

Capacity up to 117 L/h(7 m^3/h)

Head up to 34 m

APPLICATION LIMITS

Maximum operating depth 5m below water level
Liquid temperature+35℃
Ambient temperature up to+40℃
The maximum diameter of particles that can pass through:=2mm

Irrigation Industry Municipal

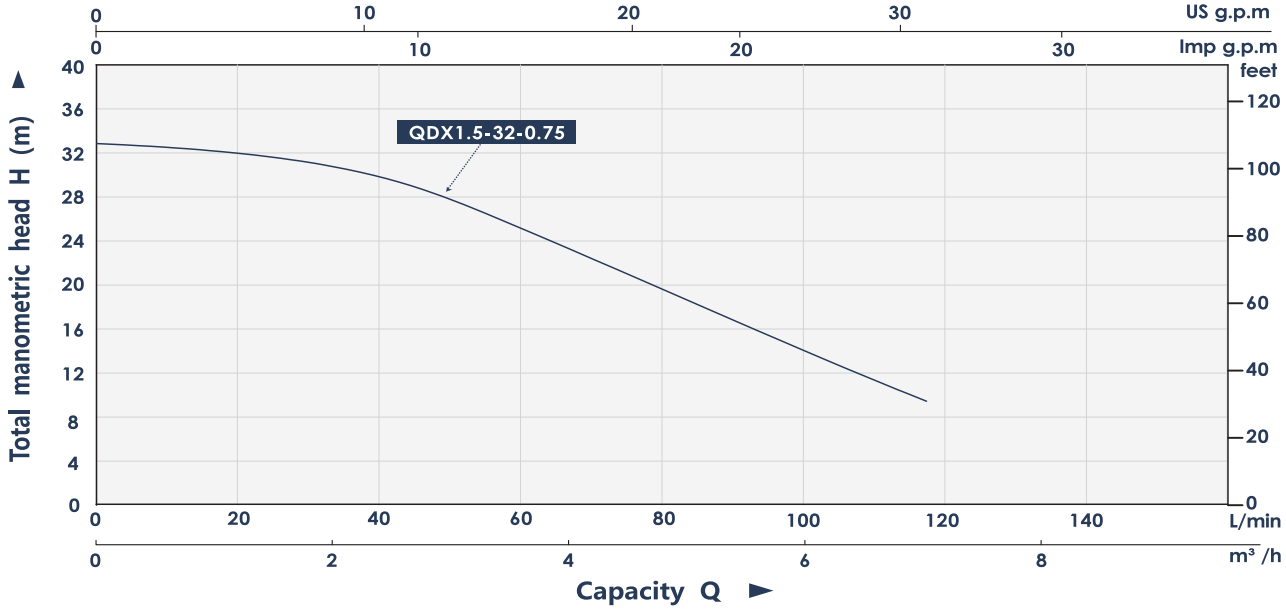
INSTALLATION & USE

These submersible pumps, made from heavy duty cast iron, offering exceptional sturdiness, abrasion resistance and durability, are suitable for pumping clear or slightly dirty water.
They distinguish themselves for their sturdiness and reliability under automatic operating conditions in fixed installations. As portable electric drainage and irrigation devices, QDX series submersible pumps with lower water input are widely suitable for water cluster boxes, farmlands, industrial and mining enterprises, construction sites, ships and homes. They are characterized by less volume, light weight and convenient operation etc. If the pump has a float switch, it is possible to achieve the automatic control. Single phase capacitor running asynchronous or 3ph asynchronous motor is equipped in this pump and installed with a built- in thermal protector, which can be automatically cut off in the case of overheat or over current, thus assures safe and reliable running under worse circumstances.

CONSTRUCTION

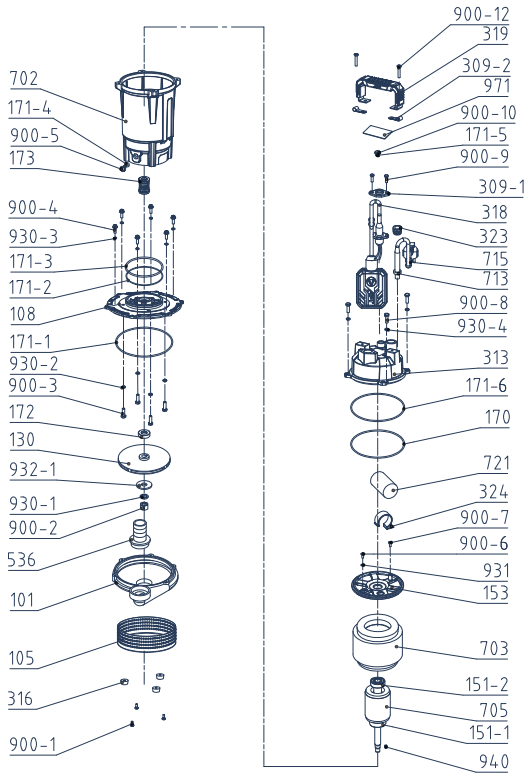
Pump Body: Aluminum and cast iron
Impeller: Aluminum
Motor Shaft: stainless steel
Mechanical Seal: Ceramic - graphite, ceramic - ceramic
Electric Motor: QDX single-phase 220-240V/50Hz with thermal overload protector built into the copper winding;
Insulation:Class B.
Protection:IP X8

PERFORMANCE



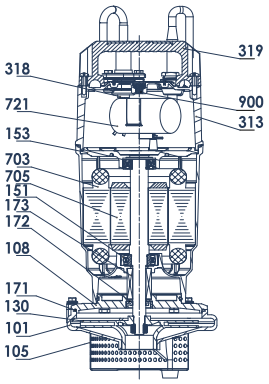
Model	Power		Current	Size	Max. Diameter of Particle	Q(m³/h)	0	1	2	3	4	5	6	7
	KW	HP	A	Inch	mm	Q(L/min)	0	17	33	50	67	83	100	117
QDX1.5-32-0.75	0.75	1	5.2	1"	2	H(m)	34	32	31	28.5	26	24	20	16

DIAGRAM



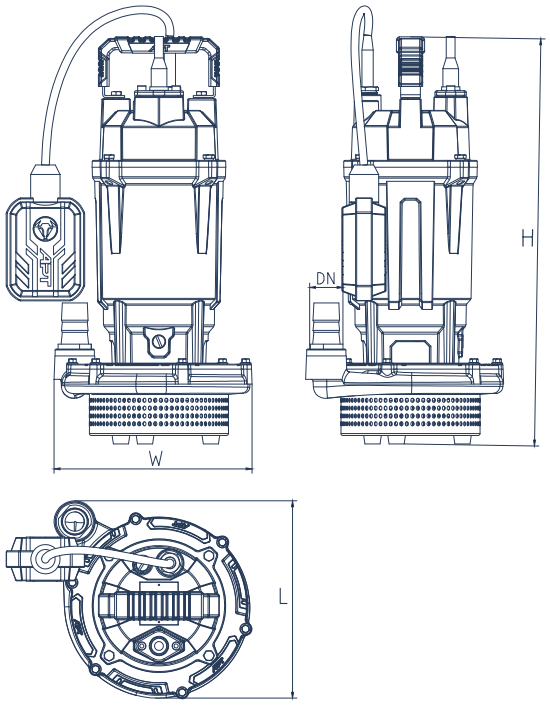
101	Pump body
105	Net cover
108	Oil chamber cover
130	Impeller
151-1	Deep groove ball bearings
151-2	Deep groove ball bearings
153	Upper bearing seat
170	Rubber gasket
171-1	O ring
171-2	O ring
171-3	O ring
171-4	O ring
171-5	O ring
171-6	O ring
172	Skeleton oil seal
173	Mechanical seal
309-1	Cable pressing plate
309-1	Press plate
313	Top cover
316	Foot
318	Float switch
319	Handle
323	Cable gland
324	Capacitor clamp
536	Outlet section
702	Barrel
703	Stator core with winding
705	Rotor
713	Cable
715	Cable sheath
721	Capacitor
900-1	Phillips pan head screw
900-2	Lock nut
900-3	Hexagon headed bolt
900-4	Hexagon headed bolt
900-5	Vent cock
900-6	Phillips pan head screw
900-7	Phillips pan head screw
900-8	Hexagon headed bolt
900-9	Hexagon headed bolt
900-10	Vent cock
900-11	Nylon rivet
900-12	Phillips pan head screw
930-1	Spring washer
930-2	Spring washer
930-3	Spring washer
930-4	Spring washer
931	External tooth lock washer
932	Flat washer
940	Key
971	Nameplate

PRODUCT PARAMETERS



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
101	PUMP BODY	Aluminum
105	NET COVER	Stainless steel
108	OIL CHAMBER COVER	Aluminum
130	IMPELLER	Aluminum
151	BEARING	6202 -2RZ
153	LOWER BEARING SEAT	Aluminum
171	O-RING	Rubber NBR
172	SKELETON OIL SEAL	Rubber NBR
173	MECHANICAL SEAL	Ceramic - graphite
313	TOP COVER	Aluminum
318	FLOAT SWITCH	Water pump level protector
319	HANDLE	PVC
703	STATOR	Stator core with winding
705	ROTOR	Stainless steel
721	CAPACITOR	Electronic device
900	VENT COCK	Stainless steel

PRODUCT DIMENSIONS



Model	DN	L(mm)	W(mm)	H(mm)
QDX1.5-32-0.75	1"	236	196	415

QDX Submersible Pump

Capacity up to 2167 L/h(130 m^3/h)

Head up to 63.5 m

APPLICATION LIMITS

Maximum immersion depth: 5 m
Liquid temperature: + 40 °C
Ambient temperature: + 40 °C

Irrigation Industry Municipal

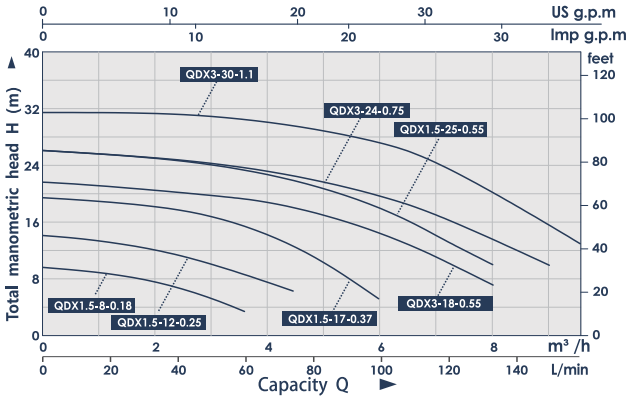
INSTALLATION & USE

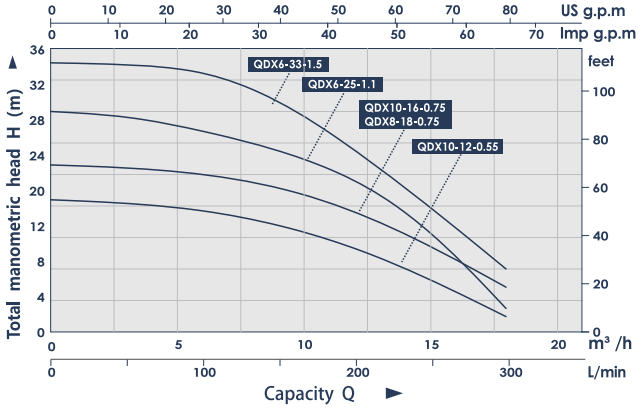
These submersible pumps, made from heavy duty cast iron, offering exceptional sturdiness, abrasion resistance and durability, are suitable for pumping clear or slightly dirty water.
They distinguish themselves for their sturdiness and reliability under automatic operating conditions in fixed installations. As portable electric drainage and irrigation devices, QDX series submersible pumps with lower water input are widely suitable for water cluster boxes, farmlands, industrial and mining enterprises, construction sites, ships and homes. They are characterized by less volume, light weight and convenient operation etc.
If the pump has a float switch, it is possible to achieve the automatic control.

CONSTRUCTION

Pump Body: Aluminum and cast iron
Impeller: Aluminum or Cast iron
Motor Shaft: stainless steel
Mechanical Seal: Ceramic - graphite, ceramic - ceramic
Electric Motor: QDX single-phase 220-240V/50Hz with thermal overload protector built into the copper winding;
Insulation:Class B.
Protection:IP X8

PERFORMANCE

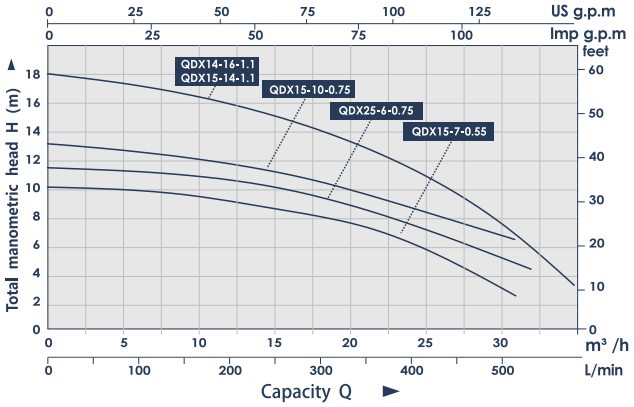


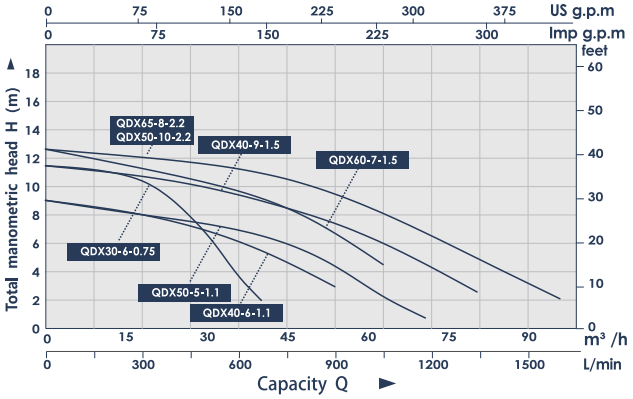


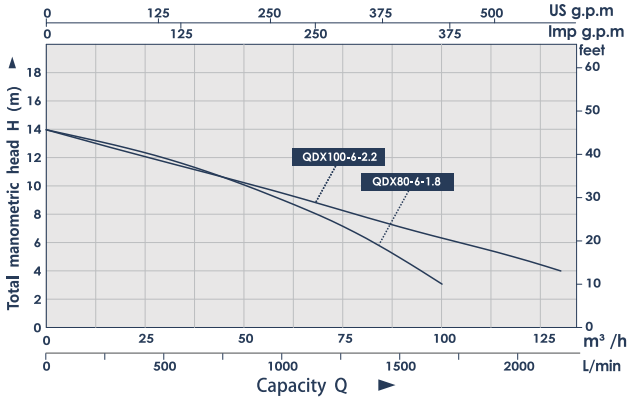
Model	Power		Current	Size	Q(m³/h)	0	1	2	2.5	3	4	5	6	7
	KW	HP	A	Inch	Q(L/min)	0	17	33	42	50	67	83	100	117
QDX1.5-8-0.18	0.18	0.23	1	1"		9	8.5	8	6.5	4				
QDX1.5-12-0.25	0.25	0.34	2.1	1"		14	13.5	13	12.5	10.5	8.5			
QDX1.5-17-0.37	0.37	0.5	3.1	1"		19.5	19	18.5	18	17	14	11.5		
QDX1.5-25-0.55	0.55	0.75	4.1	1"	H(m)	26	25.5	25	24.5	24	22.5	20.5	17	12.5
QDX3-30-1.1	1.1	1.5	7.3	1"		31	30.5	30	30	30	29.5	28.5	27	25
QDX3-18-0.55	0.55	0.75	4.1	1.25"		21.5	21	20.5	20	19.5	18.5	17	14.5	11
QDX3-24-0.75	0.75	1	5.2	1.25"		26	26	25.5	25	24.5	24	21.5	19.5	16.5

Model	Power		Current	Size	Q(m³/h)	0	2	4	6	8	10	12	14	16	18
	KW	HP	A	Inch	Q(L/min)	0	33	67	100	133	167	200	233	267	300
QDX6-25-1.1	1.1	1.5	7.3	1.5"		28	27	26	25	23.5	22	19	15.5	9.5	3
QDX6-33-1.5	1.5	2	11.3	1.5"		33.5	33.5	33	33	28.5	25	23	19.5	14.5	8
QDX10-12-0.55	0.55	0.75	4.1	1.5"	H(m)	16.5	16	16	15.5	14.5	12.5	10.5	7	5	2
QDX8-18-0.75	0.75	1	5.2	1.5"		21	21	20.5	20	19	17.5	15.5	13	10	6
QDX10-16-0.75	0.75	1	5.2	2"		21	21	20.5	20	19	17.5	15.5	13	10	6

PERFORMANCE





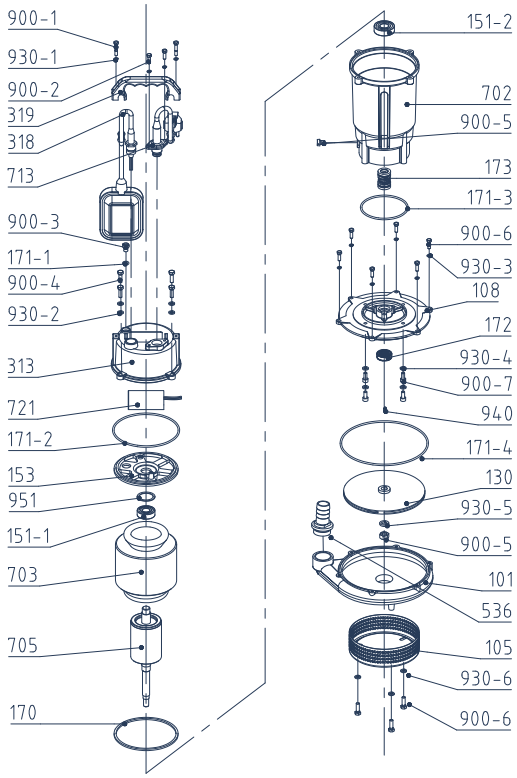


Model	Power		Current	Size	Q(m³/h)	0	5	10	15	20	25	30	35
	KW	HP	A	Inch	Q(L/min)	0	83	167	250	333	417	500	583
QDX15-7-0.55	0.55	0.75	4.1	2"	H(m)	10	9.5	9.5	8.5	7.5	5.5	3	
QDX14-16-1.1	1.1	1.5	7.3	2"		18	17	16.5	15	13	10.5	7.5	
QDX15-10-0.75	0.75	1	5.2	2.5"		13	12.5	12	11	10.5	8.5	6.5	
QDX15-14-1.1	1.1	1.5	7.3	2.5"		18	17	16.5	15	13	10.5	7.5	
QDX25-6-0.75	0.75	1	5.2	3"		11.5	11	11	10	9	7	5	
QDX30-6-0.75	0.75	1	5.2	3"		11.5	11.5	11	11	10.5	8	6.5	3.5

Model	Power		Current	Size	Q(m³/h)	0	10	20	30	40	50	60	70	80
	KW	HP	A	Inch	Q(L/min)	0	167	333	500	667	833	1000	1167	1333
QDX40-6-1.1	1.1	1.5	7.3	3"	H(m)	9	8	8	7	6	4			
QDX40-9-1.5	1.5	2	11.3	3"		12.5	12	11.5	11	9.5	7	4.5		
QDX50-5-1.1	1.1	1.5	8.5	4"		9	8.5	8	7.5	6.5	5	2.5		
QDX60-7-1.5	1.5	2	11.3	4"		11.5	11	10.5	10	9	8	7	14.5	
QDX50-10-2.2	2.2	3	11.9	4"		12.5	12	11.5	11.5	11	10	8.5	7	5
QDX65-8-2.2	2.2	3	11.9	4"		12.5	12	11.5	11.5	11	10	8.5	7	5

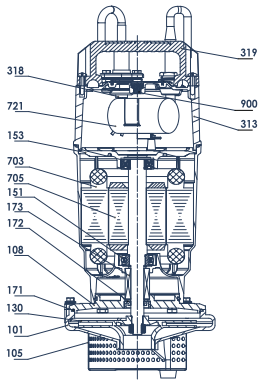
Model	Power		Current	Size	Q(m³/h)	0	20	40	60	80	100	120
	KW	HP	A	Inch	Q(L/min)	0	333	667	1000	1333	1667	2000
QDX80-6-2.2	2.2	3	13.2	6"	H(m)	14	12.5	11	9	6.5		
QDX100-6-3	3	4	15.9	8"		14	12	10.5	9.5	7.5	6	5

DIAGRAM

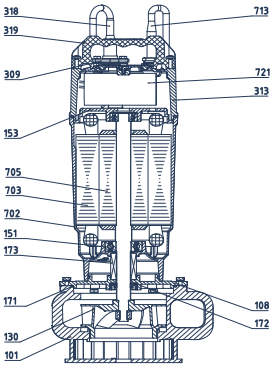


101	Pump body
105	Filter
108	Oil chamber cover
130	Impeller
151-1	Deep groove ball bearings
151-2	Deep groove ball bearings
153	Upper bearing seat
170	Gasket
171-1	O ring
171-2	O ring
171-3	O ring
171-4	O ring
172	Skeleton oil seal
173	Mechanical seal
313	Top cover
318	Float switch
319	Handle
536	Outlet section
702	Barrel
703	Stator core with winding
705	Rotor
713	Cable
721	Run capacitor
900-1	Hexagon headed bolt
900-2	Hexagon headed bolt
900-3	Slotted Cylinder Head Screw
900-4	Hexagon headed bolt
900-5	Slotted Cylinder Head Screw
900-5	Hexagon headed bolt
900-6	Hexagon headed bolt
900-6	Hexagon headed bolt
900-7	Column head screw
930-1	Spring washer
930-2	Spring washer
930-3	Spring washer
930-4	Spring washer
930-5	Spring washer
930-6	Spring washer
940	Key
951	Wave washer

PRODUCT PARAMETERS

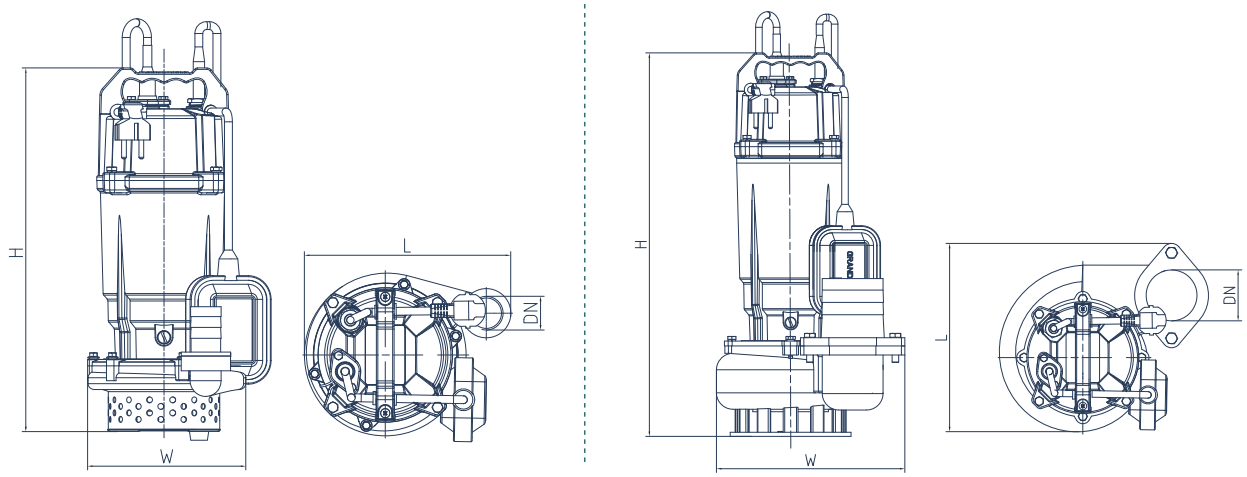


POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
101	PUMP BODY	Aluminum
105	NET COVER	Stainless steel
108	OIL CHAMBER COVER	Aluminum
130	IMPELLER	Aluminum or cast iron
151	BEARING	6202 -2RZ
153	LOWER BEARING SEAT	Aluminum
171	O-RING	Rubber NBR
172	SKELETON OIL SEAL	Rubber NBR
173	MECHANICAL SEAL	Ceramic - graphite
313	TOP COVER	Aluminum
318	FLOAT SWITCH	Water pump level protector
319	HANDLE	PVC
703	STATOR	Stator core with winding
705	ROTOR	Stainless steel
721	CAPACITOR	Electronic device
900	VENT COCK	Stainless steel



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
101	PUMP BODY	Cast iron
108	OIL CHAMBER COVER	Cast iron
130	IMPELLER	Aluminum or cast iron
151	BEARING	Deep groove ball bearing
153	UPPER BEARING SEAT	Cast iron
171	O-RING	Rubber
172	SKELETON OIL SEAL	Dust proof parts of motor
173	MECHANICAL SEAL	Ceramic - graphite
313	TOP COVER	Aluminum
318	FLOAT SWITCH	Water pump level protector
319	HANDLE	ABS plastic
702	MOTOT CASE	Aluminum
703	STATOR	Stator core with winding
705	ROTOR	Stainless steel
713	CABLE	Copper cable
721	CAPACITOR	Electronic device

PRODUCT DIMENSIONS



Model	Power	Dimensions(mm)			
Single-phase	kW	L	W	H	DN
QDX1.5-8-0.18	0.18	169	136	322	1"
QDX1.5-12-0.25	0.25	169	136	322	1"
QDX1.5-17-0.37	0.37	175	146	357	1"
QDX1.5-25-0.55	0.55	213	166	374	1"
QDX3-18-0.55	0.55	215	160	375	1.25"
QDX10-12-0.55	0.55	208	150	379	1.5"
QDX15-7-0.55	0.55	218	158	392	2"
QDX3-24-0.75	0.75	213	166	393	1.25"
QDX8-18-0.75	0.75	257	182	397	1.5"
QDX10-16-0.75	0.75	257	182	397	2"
QDX15-10-0.75	0.75	263	195	414	2.5"
QDX25-6-0.75	0.75	243	157	405	3"
QDX30-6-0.75	0.75	243	157	405	3"
QDX3-30-1.1	1.1	250	180	404	1"
QDX6-25-1.1	1.1	255	185	410	1.5"
QDX14-16-1.1	1.1	252	175	411	2"
QDX15-14-1.1	1.1	252	175	411	2.5"
QDX40-6-1.1	1.1	263	202	441	3"
QDX50-5-1.1	1.1	293	263	451	4"
QDX6-33-1.5	1.5	263	202	467	3"
QDX40-9-1.5	1.5	263	202	467	3"
QDX60-7-1.5	1.5	293	263	473	4"
QDX50-10-2.2	2.2	293	263	512	4"
QDX65-8-2.2	2.2	293	263	512	4"
QDX80-6-2.2	2.2	395	276	461	6"
QDX100-6-3	3	425	305	468	8"

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℃
Ambient temperature up to+40℃

Dirty water | Clean water | Household | Municipal

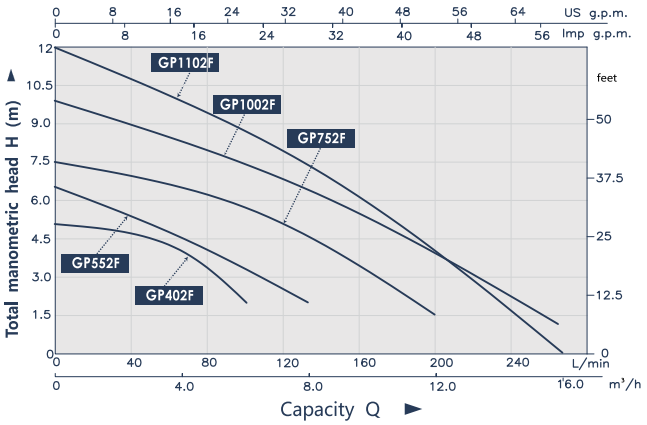
INSTALLATION & USE

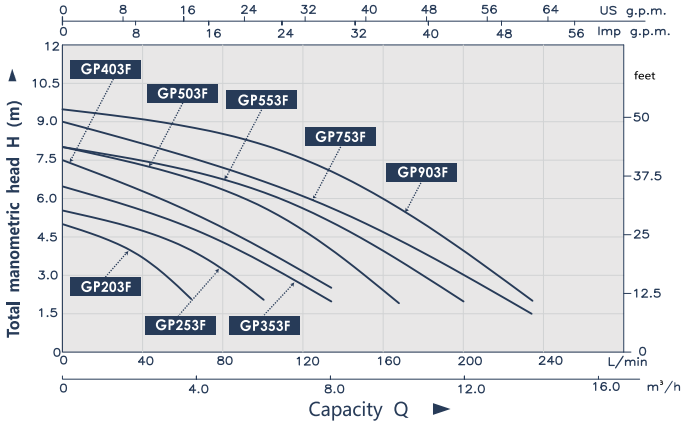
These series is suitable for dirty water and liquids that does not contain abrasive particles,and it is for clean water and liquids that does not contain abrasive particles.
As a result of the design solutions that have been adopted,such as the complete cooling of the motor and the shaft with double seal,these pumps are easy to use and reliable.
Drainage pump for emptying pits and cisterns,for gardening:com pletely constructed in anti-corrosive material.

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

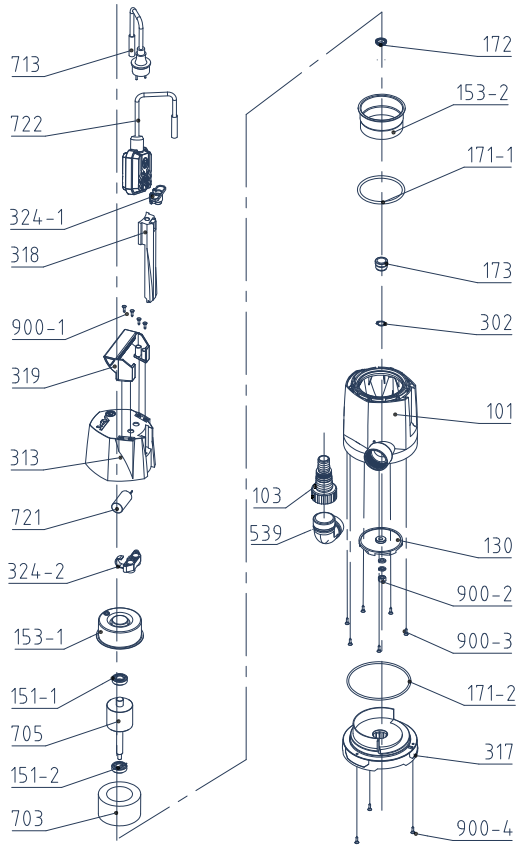
PERFORMANCE





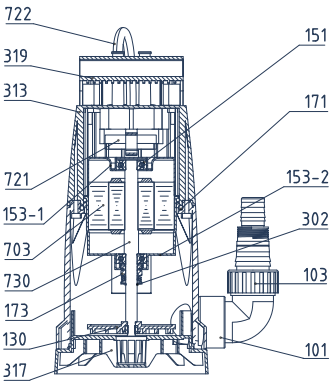
Model	Power		Current	Size	Q(m³/h)	0	2	4	6	8	10	12	14
	KW	HP	A	Inch	Q(L/min)	0	33	67	100	133	167	200	233
GP402F	0.4	0.55	1.74	1" / 1 ¼" /1 ½"	H(m)	5	4.2	3.8	2	-	-	-	-
GP552F	0.55	0.75	2.4	1" / 1 ¼" /1 ½"		6.5	5.8	4.5	4.5	2	-	-	-
GP752F	0.75	1	3.3	1" / 1 ¼" /1 ½"		7.5	7	6.6	5.7	5	3.4	1.5	-
GP1002F	0.9	1.2	3.9	1" / 1 ¼" /1 ½"		10	8.7	8	7.2	6.5	5.8	5	2.6
GP1102F	1.1	1.5	4.8	1" / 1 ¼" /1 ½"		11	10.5	9.5	8.5	7.2	6	4	1.5
GP203F	0.2	0.27	0.86	1" / 1 ¼" /1 ½"		5	4	2	-	-	-	-	-
GP253F	0.25	0.34	1	1" / 1 ¼" /1 ½"		5.5	5	4	2	-	-	-	-
GP353F	0.35	0.47	1.5	1" / 1 ¼" /1 ½"		6.5	5.7	4.7	2.5	2	-	-	-
GP403F	0.4	0.55	1.8	1" / 1 ¼" /1 ½"		7.5	6.5	5.4	4	2.5	-	-	-
GP503F	0.5	0.7	2.17	1" / 1 ¼" /1 ½"		8	7.3	6.6	5.8	4.5	2	-	-
GP553F	0.55	0.75	2.5	1" / 1 ¼" /1 ½"		8	7.3	6.8	6.1	4.8	3	2	-
GP753F	0.75	1	3.4	1" / 1 ¼" /1 ½"		8.5	8.1	7.7	6.8	5.8	4.8	3	1.5
GP903F	0.9	1.2	3.9	1" / 1 ¼" /1 ½"		9.5	9.2	8.7	8	7.2	6	4.8	2

DIAGRAM



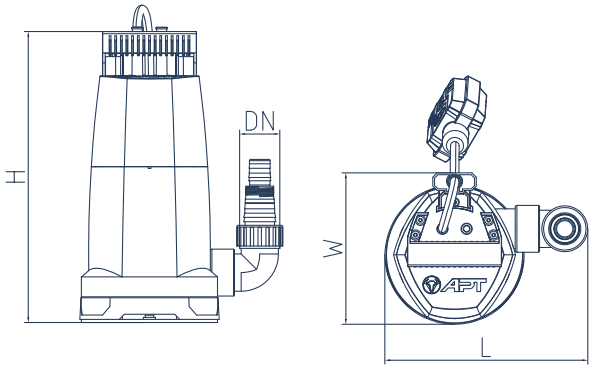
- 101 Pump body
- 103 Outlet
- 130 Impeller
- 151-1 Deep groove ball bearings
- 151-2 Deep groove ball bearings
- 153-1 Upper bearing seat
- 153-2 Upper bearing seat
- 171-1 O ring
- 171-2 O ring
- 172 Skeleton oil seal
- 173 Mechanical seal
- 302 Retaining ring
- 313 Top cover
- 317 Base
- 318 Switch 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 ¼" /1 ½"	234	175	367
GP552F	1" / 1 ¼" /1 ½"	234	175	367
GP752F	1" / 1 ¼" /1 ½"	234	175	367
GP1002F	1" / 1 ¼" /1 ½"	234	175	367
GP1102F	1" / 1 ¼" /1 ½"	234	175	367
GP203F	1" / 1 ¼" /1 ½"	234	175	336
GP253F	1" / 1 ¼" /1 ½"	234	175	336
GP353F	1" / 1 ¼" /1 ½"	234	175	336
GP403F	1" / 1 ¼" /1 ½"	234	175	336
GP503F	1" / 1 ¼" /1 ½"	234	175	336
GP553F	1" / 1 ¼" /1 ½"	234	175	336
GP753F	1" / 1 ¼" /1 ½"	234	175	336
GP903F	1" / 1 ¼" /1 ½"	234	175	336

GPE Submersible Pump

Capacity up to 233 L/min (14m³ /h)

Head up to 9 m

APPLICATION LIMITS

Maximum operating depth 5m below water level
Liquid temperature+35℃
Ambient temperature up to+40℃

Dirty water | Clean water | Household | Municipal

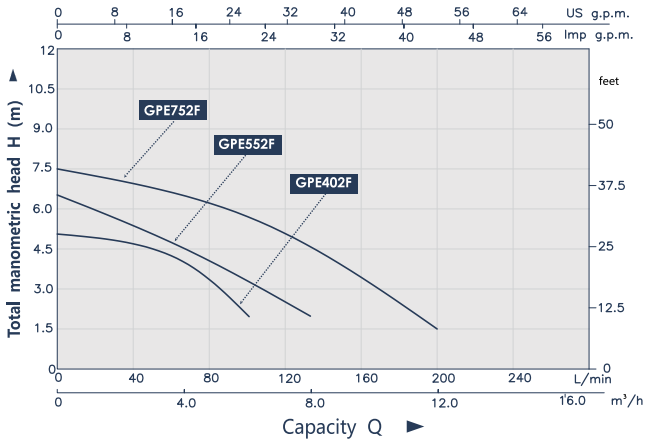
INSTALLATION & USE

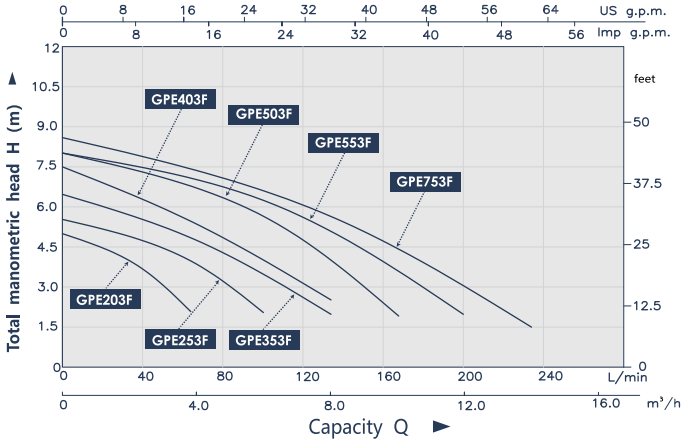
These series is suitable for dirty water and liquids that does not contain abrasive particles,and it is for clean water and liquids that does not contain abrasive particles.
As a result of the design solutions that have been adopted,such as the complete cooling of the motor and the shaft with double seal,these pumps are easy to use and reliable.
Drainage pump for emptying pits and cisterns,for gardening:com pletely constructed in anti-corrosive material.

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

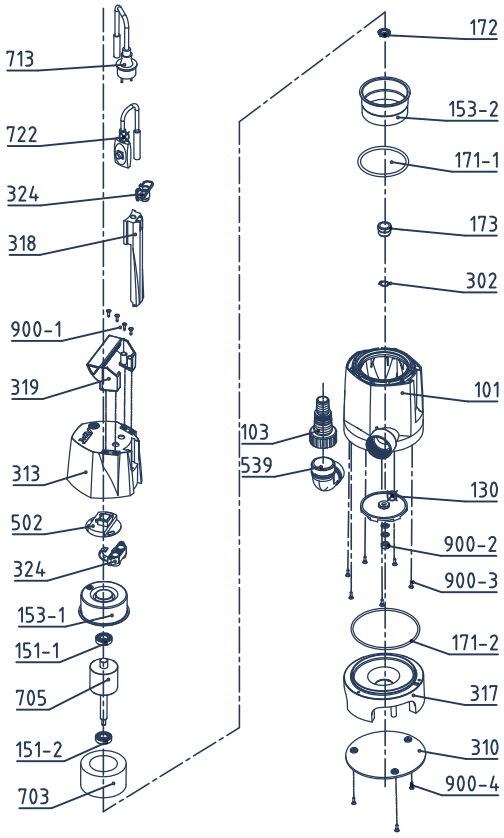
PERFORMANCE





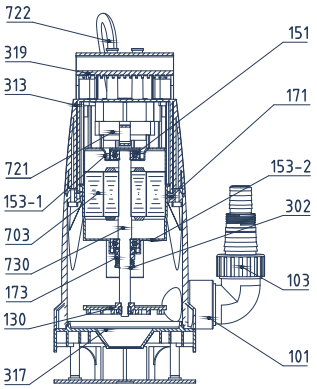
Model	Power		Current	Size	Q(m³/h)	0	2	4	6	8	10	12	14
	KW	HP	A	Inch	Q(L/min)	0	33	67	100	133	167	200	233
GPE402F	0.4	0.55	1.74	1" / 1 ¼" /1 ½"	H(m)	5	4.2	3.8	2	-	-	-	-
GPE552F	0.55	0.75	2.4	1" / 1 ¼" /1 ½"		6.5	5.8	4.5	4.5	2	-	-	-
GPE752F	0.75	1	3.3	1" / 1 ¼" /1 ½"		7.5	7	6.6	5.7	5	3.4	1.5	-
GPE203F	0.2	0.27	0.86	1" / 1 ¼" /1 ½"		5	4	2	-	-	-	-	-
GPE253F	0.25	0.34	1	1" / 1 ¼" /1 ½"		5.5	5	4	2	-	-	-	-
GPE353F	0.35	0.47	1.5	1" / 1 ¼" /1 ½"		6.5	5.7	4.7	2.5	2	-	-	-
GPE403F	0.4	0.55	1.8	1" / 1 ¼" /1 ½"		7.5	6.5	5.4	4	2.5	-	-	-
GPE503F	0.5	0.7	2.17	1" / 1 ¼" /1 ½"		8	7.3	6.6	5.8	4.5	2	-	-
GPE553F	0.55	0.75	2.5	1" / 1 ¼" /1 ½"		8	7.3	6.8	6.1	4.8	3	2	-
GPE753F	0.75	1	3.4	1" / 1 ¼" /1 ½"		8.5	8.1	7.7	6.8	5.8	4.8	3	1.5

DIAGRAM



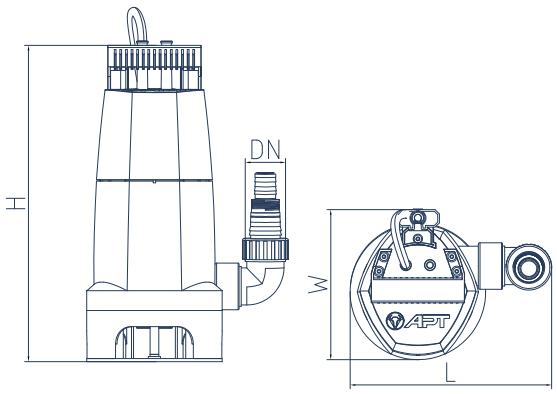
101	Pump body
103	Outlet
130	Impeller
151-1	Deep groove ball bearings
151-2	Deep groove ball bearings
153-1	Upper bearing seat
153-2	Upper bearing seat
171-1	O ring
171-2	O ring
172	Skeleton oil seal
173	Mechanical seal
302	Retaining ring
310	Base plate
313	Top cover
317	Base
318	Switch side cover
319	Handle
324	Cable clamp
324	Capacitor clamp
502	Control panel
539	Elbow
703	Stator core with winding
705	Rotor
713	Cable
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
319	HANDLE	Plastic PP
703	STATOR	Stator core with winding
721	CAPACITOR	Electronic device
722	LEVEL SWITCH	Water pump level protector
730	ROTOR	Stainless steel

PRODUCT DIMENSIONS



Model	DN1	L(mm)	W(mm)	H(mm)
GPE402F	1" / 1 ¼" /1 ½"	234	175	367
GPE552F	1" / 1 ¼" /1 ½"	234	175	367
GPE752F	1" / 1 ¼" /1 ½"	234	175	367
GPE203F	1" / 1 ¼" /1 ½"	234	175	336
GPE253F	1" / 1 ¼" /1 ½"	234	175	336
GPE353F	1" / 1 ¼" /1 ½"	234	175	336
GPE403F	1" / 1 ¼" /1 ½"	234	175	336
GPE503F	1" / 1 ¼" /1 ½"	234	175	336
GPE553F	1" / 1 ¼" /1 ½"	234	175	336
GPE753F	1" / 1 ¼" /1 ½"	234	175	336

GPOP Submersible Pump

Capacity up to 133 L/h(8 m^3/h)

Head up to 6.6 m

APPLICATION LIMITS

Maximum operating depth 5m below water level.
Liquid temperature + 40 °C.
The PH value of the medium is between 6.5-8.5.

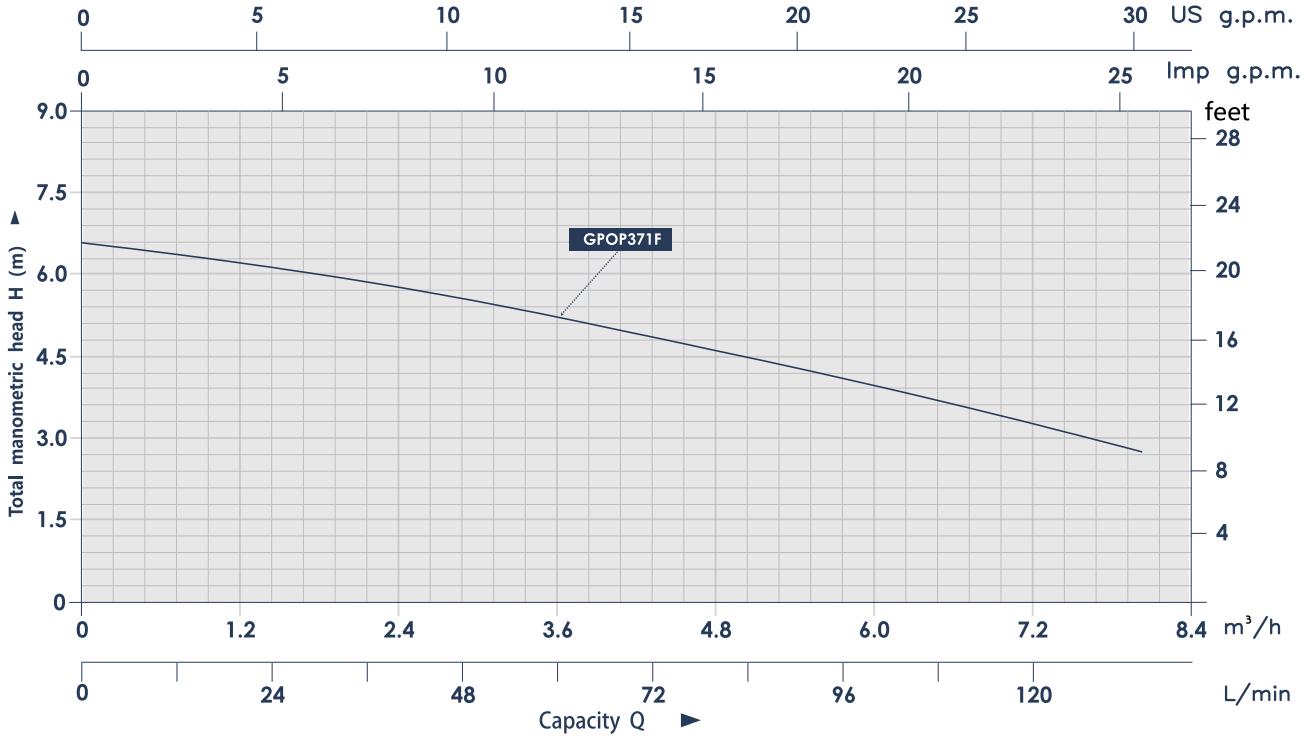
INSTALLATION & USE

GPOP series is suitable for clean water and liquids that does not contain abrasive particles. The whole is made of engineering PP plastic material, which ensures that the electric pump has stronger corrosion resistance, lighter weight, smaller shape and compact structure while being environmentally friendly and pollution-free.

CONSTRUCTION

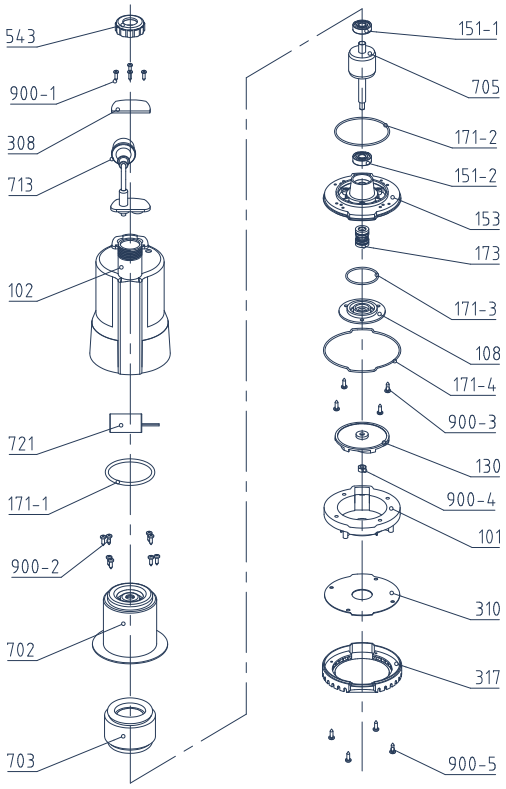
Motor: copper wire motor with built-in thermal protector
Barrel: engineering plastic
Pump shaft: 304 stainless steel shaft
Bearing: Deep groove ball bearing 6201RS
Mechanical seal: 108 series graphite to ceramic
Impeller: Engineering plastic

PERFORMANCE



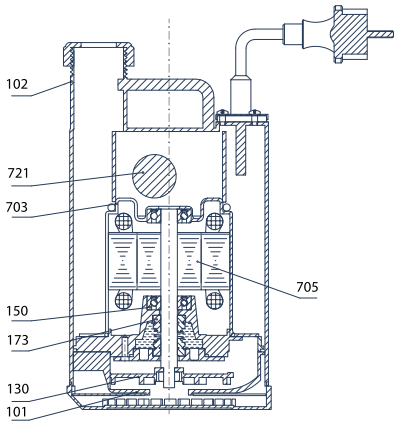
Model	Power		Current	Size	Q(m^3/h)	0	1	2	3	4	5	6	7	8
	KW	HP	A	mm	Q(L/min)	0	17	33	50	67	83	100	117	133
GPOP371F	0.37	0.5	2	25	H(m)	6.6	6.2	5.8	5.5	5	4.6	4	3.4	2.8

DIAGRAM



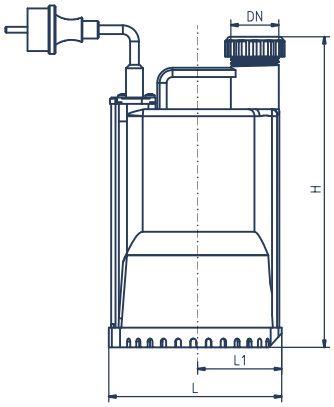
101	Pump body
102	Casing
108	Oil chamber cover
130	Impeller
151-1	Deep groove ball bearings
151-2	Deep groove ball bearings
153	Lower bearing seat
171-1	O ring
171-2	O ring
171-3	O ring
171-4	O ring
173	Mechanical seal
308	Cover plate
310	Base plate
317	Base
543	Outlet female threaded valve cover
702	Barrel
703	Stator core with winding
705	Rotor
713	Cable
721	Run capacitor
900-1	Cross pan head tapping screw
900-2	Cross pan head tapping screw
900-3	Cross pan head tapping screw
900-4	Slotted hexagon nut
900-5	Cross pan head tapping screw

PRODUCT PARAMETERS



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
101	PUMP BODY	Plastic PP
102	CASING	Plastic PP
130	IMPELLER	Plastic
150	BEARING	6201
173	MECHANICAL SEAL	Graphite-ceramic
703	STATOR CPRE	Stator core with winding
705	ROTOR	Stainless steel
721	CAPACITOR	Electronic device

PRODUCT DIMENSIONS



Model	DN1	L(mm)	W(mm)	H(mm)
GPOP371F	1.25"	240	152	80

GV-L Submersible Sewage Pump

Capacity up to 833 L/h(50 m^3/h)

Head up to 19 m

APPLICATION LIMITS

5 m maximum immersion depth
Maximum liquid temperature up to+35℃
Maximum ambient temperature up to +40℃

Irrigation Industry Municipal

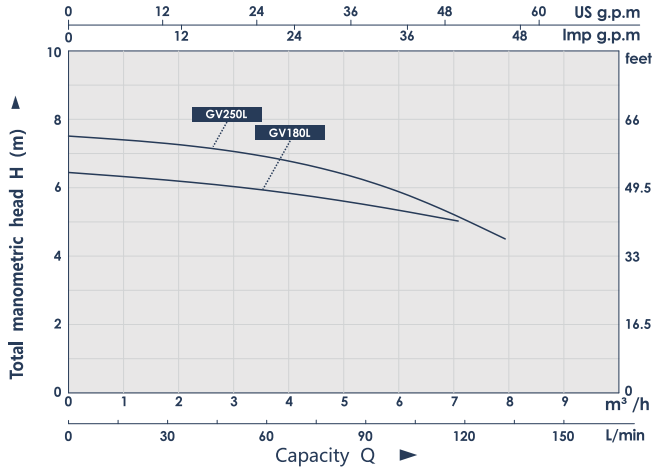
INSTALLATION & USE

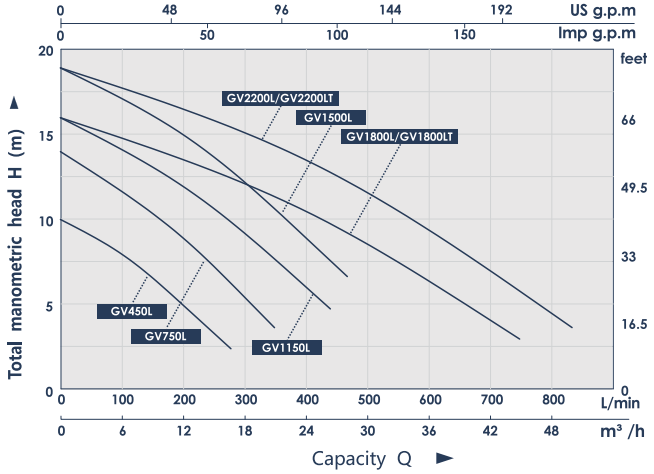
This series pump is equipped with a vortex impeller,with strong sewage discharge capacity,suitable for chemical industry,petroleum,pharmaceutical,mining,paper industry,cement plant,steel plant,power plant,coal processing industry,urban sewage treatment plant drainage system,municipal engineering,construction site and other industries.Can pumping sewage containing particles and clean water.With stainless steel casing,also suitable for pumping corrosive media.This pump can pass through the dirt and debris with larger particle diameter,which is suitable for the transportation and discharge of sewage.When pumping sewage,the pump is equipped with a thickened base,which has a large water output and can be used in various sewage systems;When pumping clean water,the filtration is finer and the service life is long.

CONSTRUCTION

Pump Body:Cast iron.
Impeller:Vortex impeller in cast iron
Motor Bracket:Stainless steel.
Motor Shaft:Stainless steel.
Mechanical Seal:Ceramic-graphite and Sic to graphite.
Electric Motor: Single-phase 220-240V/50Hz with condenser thermal overload protector or current protector built into the copper winding;
Insulation:Class B.
Protection:IP X8.

PERFORMANCE

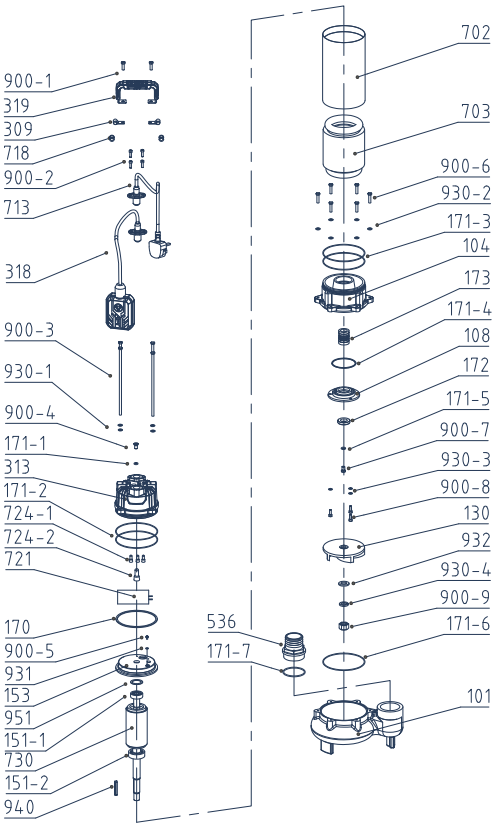




Model	Power		Current	Size	Q(m³/h)	0	1	2	3	4	5	6	7	8
	KW	HP	A	Inch	Q(L/min)	0	17	33	50	67	83	100	117	133
GV180L	0.18	0.25	1.5	1"/1.25"/1.5"	H(m)	6.5	6.3	6.1	5.9	5.7	5.4	5.3	5	-
GV250L	0.25	0.35	2.2	1"/1.25"/1.5"		7.5	7.3	7.1	6.8	6.5	6.3	5.8	5.4	4.5

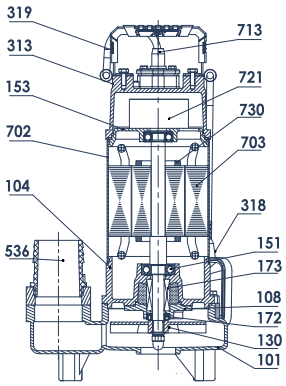
Model	Power		Current	Size	Q(m³/h)	0	6	12	18	24	30	36	42	48
	KW	HP	A	Inch	Q(L/min)	0	100	200	300	400	500	600	700	800
GV450L	0.45	0.6	3.8	2"	H(m)	10	8	5	-	-	-	-	-	-
GV750L	0.75	1	6	2"		14	12	9	5.5	-	-	-	-	-
GV1100L	1.1	1.5	7.6	2"		16	14	12	9	6	-	-	-	-
GV1500L	1.5	2	10	2"		19	17	15	13	9	-	-	-	-
GV1800L	1.8	2.5	10	3"		16	15	13.5	12	10.5	8	6	4	-
GV2200L	2.2	3	13.3	3"		19	17.5	16	15	13.5	11.5	9.5	6.5	4.5
GV1800LT	1.8	2.5	4	3"		16	15	13.5	12	10.5	8	5.5	3.5	-
GV2200LT	2.2	3	5.5	3"		19	17.5	16	15	13.5	11.5	9.5	6.5	4.5

DIAGRAM



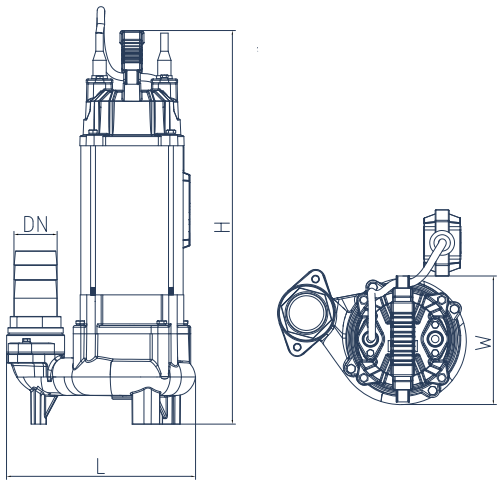
101	Pump body
104	Chamber
108	Chamber cober
130	Impeller
151-1	Deep groove ball bearings
151-2	Deep groove ball bearings
153	Upper bearing seat
170	Gasket
171-1	O ring
171-2	O ring
171-3	O ring
171-4	O ring
171-5	O ring
171-6	O ring
171-7	O ring
172	Skeleton oil seal
173	Mechanical seal
309	Cable pressing plate
313	Top cover
318	Float switch
319	Handle
536	Outlet section
702	Barrel
703	Stator core with winding
713	Cable
718	Cable harness
721	Run Capacitor
724-1	Terminal Cap
724-2	Terminal Cap
730	Rotor assembly
900-1	Hexagon headed bolt
900-2	Hexagon socket head cap screw
900-3	Hexagon headed bolt
900-4	Slotted cylinder head screw
900-5	Screw
900-6	Hexagon headed bolt
900-7	Slotted cylinder head screw
900-8	Hexagon socket head cap screw
900-9	Cap Nut
930-1	Spring washer
930-2	Spring washer
930-3	Spring washer
930-4	Spring washer
931	External tooth lock washer
932	Flat washer
940	Key
951	Wave washer

PRODUCT PARAMETERS



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
101	PUMP BODY	HT200
104	OIL CHAMBER	HT200
108	OIL CHAMBER COVER	HT200
130	IMPELLER	HT200
151	BEARING	GCR15
153	UPPER BEARING SEAT	Cast iron
172	SKELETON OIL SEAL	Rubber NBR
173	MECHANICAL SEAL	Ceramic - graphite / Ceramic-Silicon Carbide
313	TOP COVER	HT200
318	FLOAT SWITCH	Water pump level protector
319	HANDLE	SUS201
536	OUTLET	ABS
702	MOTOR CASE	SUS201
703	STATOR	Assemblies
713	CABLE	Assemblies
721	RUN CAPACITOR	Electronic device
730	ROTOR ASSEMBLY	Assemblies

PRODUCT DIMENSIONS



Model	DN	L(mm)	W(mm)	H(mm)
GV180L	1" / 1 ¼" /1 ½"	168	120	380
GV250L	1" / 1 ¼" /1 ½"	168	120	380
GV450L	2"	228	153	460
GV750L	2"	228	153	475
GV1100L	2"	230	180	492
GV1500L	2"	230	180	507
GV1800L	3"	308	181	577
GV2200L	3"	308	181	577
GV1800LT	3"	308	181	577
GV2200LT	3"	308	181	577

GV-K Drainage Pump

Capacity up to 667 L/min(40m³ /h)

Head up to 15 m

APPLICATION LIMITS

5 m maximum immersion depth
Maximum liquid temperature up to+35℃
Maximum ambient temperature up to +40℃

Irrigation Industry Municipal

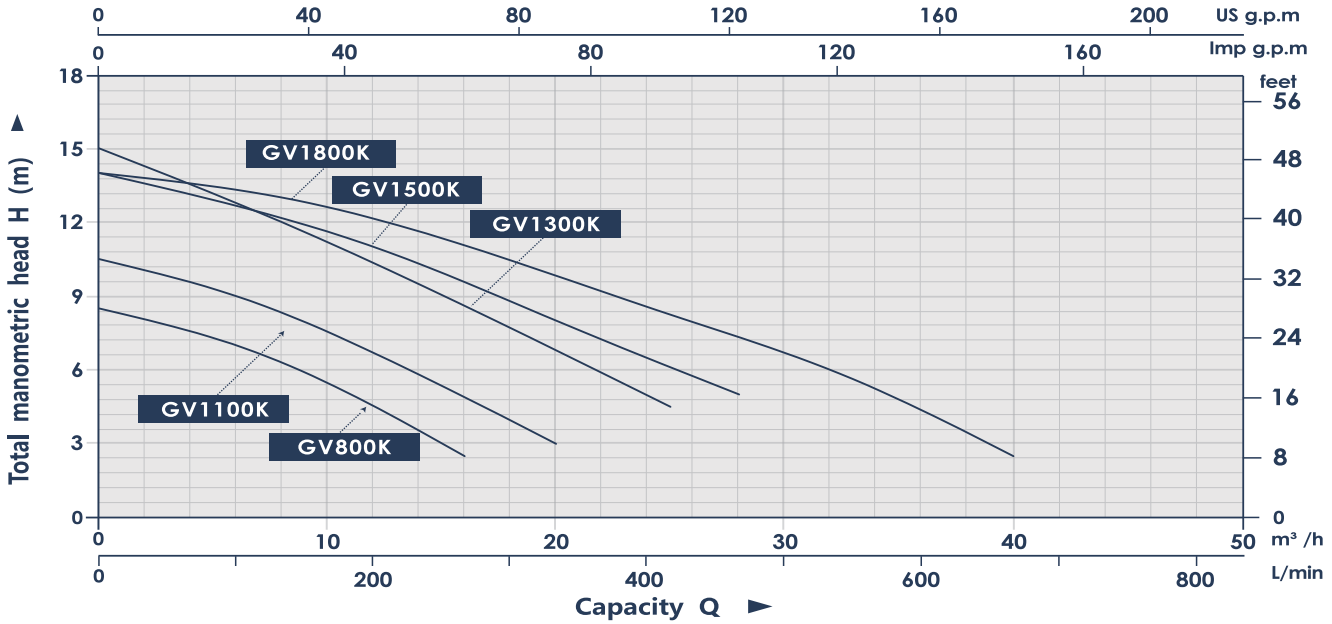
INSTALLATION & USE

These submersible pumps with a cutting system are designed for efficiently handling dirty water in both industrial and civil environments. They feature a robust cast iron impeller equipped with a cutter, ensuring reliable performance. The pumps are equipped with overload protection for enhanced safety and durability. They come highly recommended for various applications, such as pumping wastewater from factories, construction sites, and commercial facilities, as well as for drainage systems in municipal sewage treatment plants. Additionally, they are suitable for use in residential areas, municipal projects, methane pools, and rural field irrigation.

CONSTRUCTION

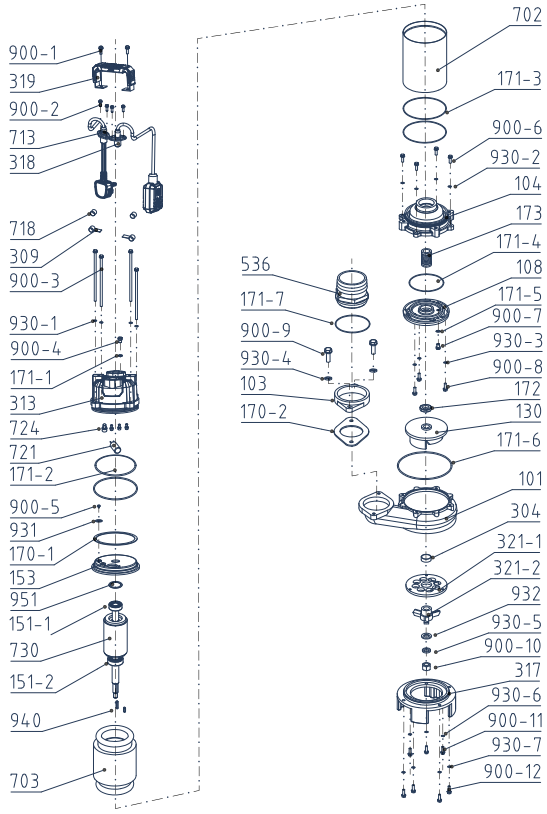
Pump Body:Cast iron.
Impeller:Cast iron with tungsten steel material cutter
Motor Bracket:Stainless steel.
Motor Shaft:Stainless steel.
Mechanical Seal:Ceramic-graphite
Electric Motor: Single-phase 220-240V/50Hz with condenser thermal overload protector built into the copper winding;
Insulation:Class B.
Protection:IP X8.

PERFORMANCE



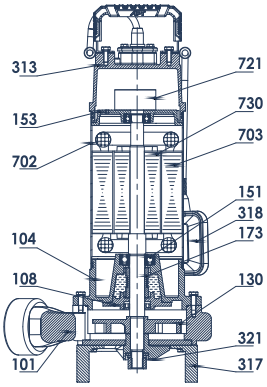
Model	Power		Current	Size	Q(m³/h)	0	4	8	12	16	20	25	28	32	36	40
	KW	HP	A	mm	Q(L/min)	0	67	133	200	267	333	417	467	533	600	667
GV800K	0.8	1.1	4.6	50	H(m)	8.5	7.5	6.5	5	2.5	-	-	-	-	-	-
GV1100K	1.1	1.5	5.1	50		10.5	9.5	8	6.7	5	3	-	-	-	-	-
GV1300K	1.3	1.75	7	50		15	13.5	12	10	9	7.5	4.5	-	-	-	-
GV1500K	1.5	2	8.5	50		14	13	12	10.5	10	8	6.5	5	-	-	-
GV1800K	1.8	2.5	11.4	80		14	13.5	13	12	11.5	9	8	7.5	6	4	2.5

DIAGRAM



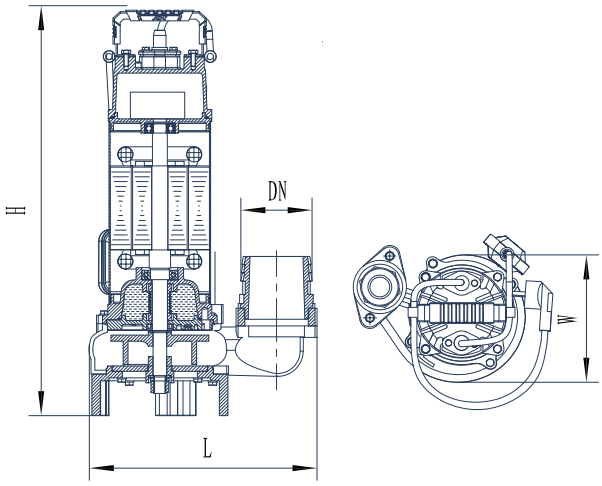
101	Pump body	703	Stator core with winding
103	Outlet	713	Cable
104	Chamber	718	Cable harness
108	Chamber cober	721	Run Capacitor
130	Impeller	724	Terminal Cap
151-1	Deep groove ball bearings	730	Rotor assembly
151-2	Deep groove ball bearings	900-1	Hexagon headed bolt
153	Upper bearing seat	900-2	Hexagon socket head cap screw
170-1	Gasket	900-3	Hexagon headed bolt
170-2	Gasket	900-4	Slotted cylinder head screw
171-1	O ring	900-5	Cross recessed round head screw with washer
171-2	O ring	900-6	Hexagon headed bolt
171-3	O ring	900-7	Slotted cylinder head screw
171-4	O ring	900-8	Hexagon socket head cap screw
171-5	O ring	900-9	Hexagon headed bolt
171-6	O ring	900-10	Slotted hexagon nut
171-7	O ring	900-11	Hexagon headed bolt
172	Skeleton oil seal	900-12	Hexagon headed bolt
173	Mechanical seal	930-1	Spring washer
304	Shaft sleeve	930-2	Spring washer
309	Cable pressing plate	930-3	Spring washer
313	Top cover	930-4	Spring washer
317	Base	930-5	Spring washer
318	Float switch	930-6	Spring washer
319	Handle	930-7	Spring washer
321-1	Cutter knife	931	External tooth lock washer
321-2	Fix cutter	932	Flat washer
536	Outlet section	940	Key
702	Barrel	951	Wave washer

PRODUCT PARAMETERS



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
101	PUMP BODY	Cast iron
104	OIL CHAMBER	Cast iron
108	OIL CHAMBER COVER	Cast iron
130	IMPELLER	Cast iron
151	BEARING	6203-2RZ
153	UPPER BEARING SEAT	Cast iron
173	MECHANICAL SEAL	Ceramic - graphite
313	TOP COVER	Cast iron
317	BASE	Cast iron
318	FLOAT SWITCH	Water pump level protector
321	CUTTER KNIFE	Stainless steel
702	BARREL	Stainless steel
703	STATOR	Stator core with winding
721	RUN CAPACITOR	Electronic device
730	ROTOR ASSEMBLY	Cast Aluminum Rotor

PRODUCT DIMENSIONS



Model	DN1	L(mm)	W(mm)	H(mm)
GV800K	2"	229	167	445
GV1100K	2"	262	205	460
GV1300K	2"	244	196	479
GV1500K	2"	257	176	520
GV1800K	3"	305	189	543

GSU Swimming Pool pump

Capacity up to 540 L/min(32.4m³/h)

Head up to 23m

APPLICATION LIMITS

Liquid temperature: +50°C
Ambient temperature:+50°C

Household Industry Municipal

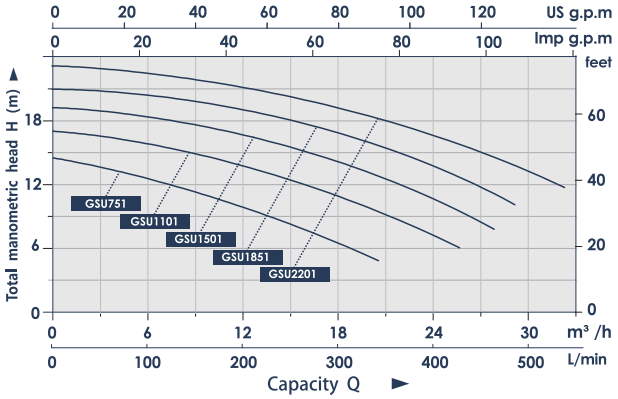
INSTALLATION & USE

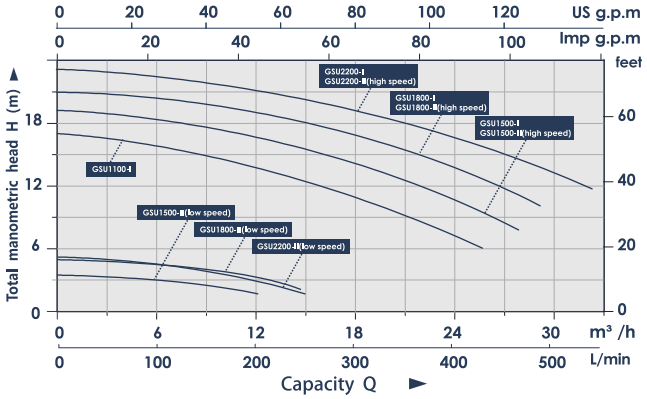
GSU series are single-stage centrifugal pumps with built-in lters. They are suitable for mariculture circulation ltration, medium-sized and commercial swimming pool circulation ltration. Quiet operation due c to superior internal ow channel design that reduces hydraulic noise. Oversized lter basket extends the time between cleaning; transparent cover makes inspection quick and easy. One-piece carrying handle for easy installation.

CONSTRUCTION

Pump body and base: polypropylene
Impeller: PPO
Diffuser: polypropylene
Motor shaft: stainless steel
Mechanical seal: silicon graphite
Motor: two-pole single-phase motor, 220V/240V-50Hz, copper coil with built-in capacitor, with thermal overload protector.
Insulation class: Class F
Protection level: IP 55
Max. suction lift: 1.5m

PERFORMANCE



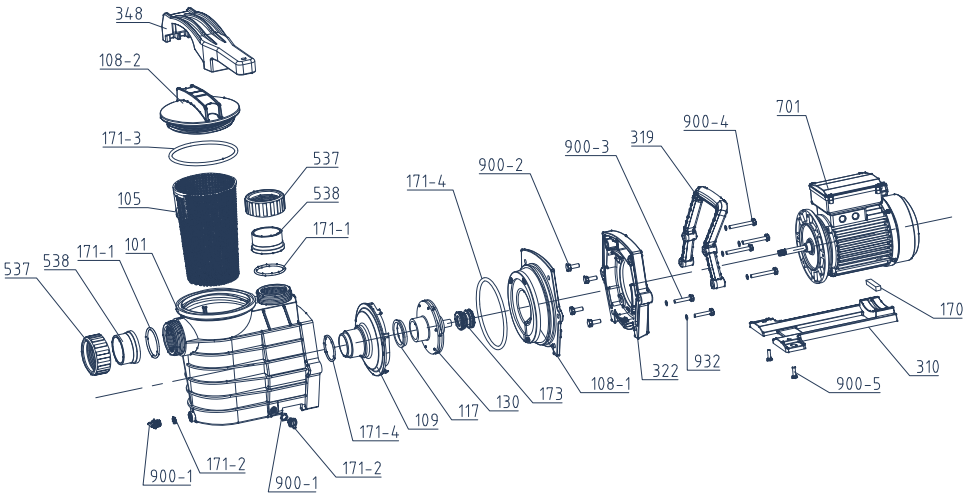


Model	Power		Current	Fitting Size	Q(m³/h)	0	6	12	18	24	30
	KW	HP	A	mm	Q(L/min)	0	100	200	300	400	500
GSU1100-I	1.1	1.5	5.2	60.3or63		18.5	15.5	13.5	11	7	-
GSU1500-I	1.5	2	7	60.3or63		19.5	18.5	16.5	14	10.5	-
GSU1850-I	1.85	2.5	8.6	60.3or63		21	20	19	17	14	-
GSU2200-I	2.2	3	10	60.3or63		23	22	21	19	16.5	13.5
GSU1500-II	0.35	0.47	2.4	60.3or63		4.5	3.5	2	-	-	-
	1.5	2	7	60.3or63		19.5	18.5	16.5	14	10.5	-
GSU1850-II	0.4	0.5	2.8	60.3or63		5	4.5	3	-	-	-
	1.85	2.5	8.6	60.3or63	H(m)	21	20	19	17	14	-
GSU2200-II	0.45	0.61	3.2	60.3or63		5.5	4.5	3.5	-	-	-
	2.2	3	10	60.3or63		23	22	21	19	16.5	13.5
GSU751	0.75	1	3.8	60.3or63		13	12.5	10	6.5	-	-
GSU1101	1.1	1.5	5.2	60.3or63		17	15.5	13.5	11	7	-
GSU1501	1.5	2	7	60.3or63		19	18.5	16.5	14	10.5	-
GSU1851	1.85	2.5	8.6	60.3or63		21	20	19	17	14	-
GSU2201	2.2	3	10	60.3or63		23	22	21	19	16.5	13.5

Low speed 1450 r/min, High speed 2950 r/min

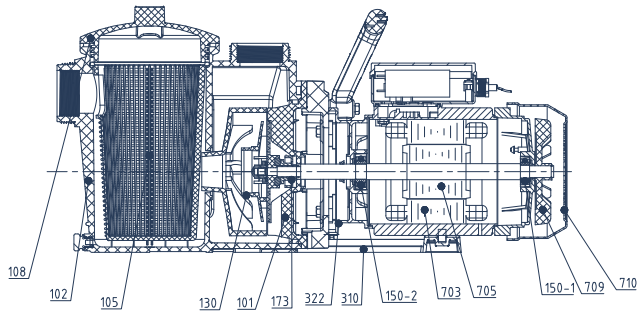
Swimming Pool pump

DIAGRAM



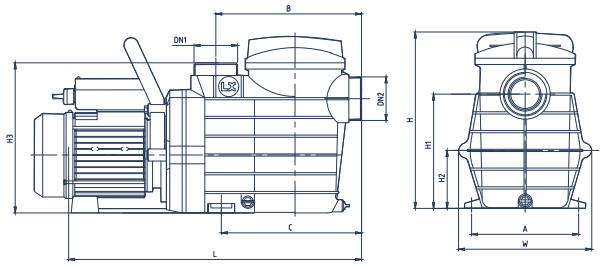
101	Pump body
105	Filter basket
108-1	Pump cover
108-2	Perspective Cover
109	Guide vane
117	Gasket
130	Impeller
170	Rubber gasket
171-1	O ring
171-2	O ring
171-3	O ring
171-4	O ring
173	Mechanical seal
303	Water retaining ring
310	Base plate
319	Handle
322	Coupling
348	Handle
537	Fitting nut
538	Joint
701	Motor
900-1	Vent cock
900-2	Hexagon headed bolt
900-3	Hexagon headed bolt
900-4	Hexagon headed bolt
900-5	Hexagon headed bolt
932	Flat washer

PRODUCT PARAMETERS



POS.	COMPONENT	CONSTRUCTION CHARACTERISTICS
101	PUMP BODY	Plastic
102	CASING	Plastic
105	FILTER BASKET	Plastic
108	PERSPECTIVE COVER	Plastic
130	IMLELLER	Plastic
150-1	BEARING	BEARING
150-2	BEARING	BEARING
173	MECHANICAL SEAL	Ceramic- graphite
310	BASE PLATE	Plastic
322	COUPLING	BEARING
703	STATOR	Stator core with winding
705	ROTOR	Stainless steel
709	FAN	Plastic
710	FAN COVER	Plastic

PRODUCT DIMENSIONS



Model	DN1	DN2	Dimension(mm)								
			L	W	H	H1	H2	H3	A	B	C
GSU100-I	2FBT	2FBT	628	240	320	207	105	272	194	264	254
GSU1500-I	2FBT	2FBT	628	240	320	207	105	272	194	264	254
GSU1850-I	2FBT	2FBT	628	240	320	207	105	272	194	264	254
GSU2200-I	2FBT	2FBT	628	240	320	207	105	272	194	264	254
GSU1500-II	2FBT	2FBT	628	240	320	207	105	272	194	264	254
GSU1850-II	2FBT	2FBT	628	240	320	207	105	272	194	264	254
GSU2200-II	2FBT	2FBT	628	240	320	207	105	272	194	264	254
GSU751	2FBT	2FBT	593	240	320	207	105	272	194	264	254
GSU1101	2FBT	2FBT	593	240	320	207	105	272	194	264	254
GSU1501	2FBT	2FBT	593	240	320	207	105	272	194	264	254
GSU1851	2FBT	2FBT	593	240	320	207	105	272	194	264	254
GSU2201	2FBT	2FBT	609	240	320	207	105	272	194	264	254

Accessories Control

INSTALLATION & USE

The Grandfar controller has high quality,multi-functional,low noise and strong commonality etc.characteristics.This series of controller can ensure great reliability and efficiency.The controller can start and stop the water pump automatically.Stop the pump in the case of water shortage.After power cut off,restart the pump automatically when the power on.Due to its reliability and flexibility,this controller is suitable for hotels,apartment,residential community area,high-rise building,orchard,office,water treatment equipment etc.

FEATURES

- Sleep Function:No water consumption pump decelerates to the down limit and after a detection then sleep down.Until the pressure below settings,master pump wake up automatically.
- Restart after Power on:Power off during running,it restarts when power on again.
- Terminal Run/Stop:Can be connected to external switch from terminal.When switch on,pump run and maintain a setting constant pressure;When switch off,pump stopped.
- Simple installation and no required maintenance.
- Electrical fault protection:When there is an over current,over voltage,under voltage,phase loss, over load etc,the controller will stop automatically.

Accessories Control

SPECIFICATIONES

Model	Voltage	Starting Pressure	Current	size	Protection Class	G/W	N/W
			A	Inch		kg	kg
GFAm1	220-240V/110-115V	1.5/2.28/3.5Bar	10A	1"x1"	IP65	1.4	1.1

Accessories Control

SPECIFICATIONES

Model	Voltage	Starting Pressure	Current	size	Protection Class	G/W	N/W
			A	Inch		kg	kg
GFAm20	90-260V	1.0~10Bar	10A	1"x1"	IP65	2.3	2.5

Accessories Control

SPECIFICATIONES

Model	Voltage	Cable Size	Current
			A
FL0-1	220V-240V	3*0.75mm²/3*1.0mm²/3*1.55mm² 45cm/60cm/75cm/2m/3m/5m/10m	16(12)A

Accessories Control

SPECIFICATIONES

Model	Voltage	Starting Pressure	Current	size	Protection Class	G/W	N/W
			A	Inch		kg	kg
PS-02	220-240V/110-115V	5.4-7/8-11Bar	12A	F1/4"	IP20	0.35	0.3

Accessories Control

SPECIFICATIONES

Model	Voltage	Starting Pressure	Current	size	Protection Class	G/W	N/W
			A	Inch		kg	kg
PS-09	220-240V/110-115V	1.4-2.8Bar	12A	F1/4"	IP54	0.35	0.3

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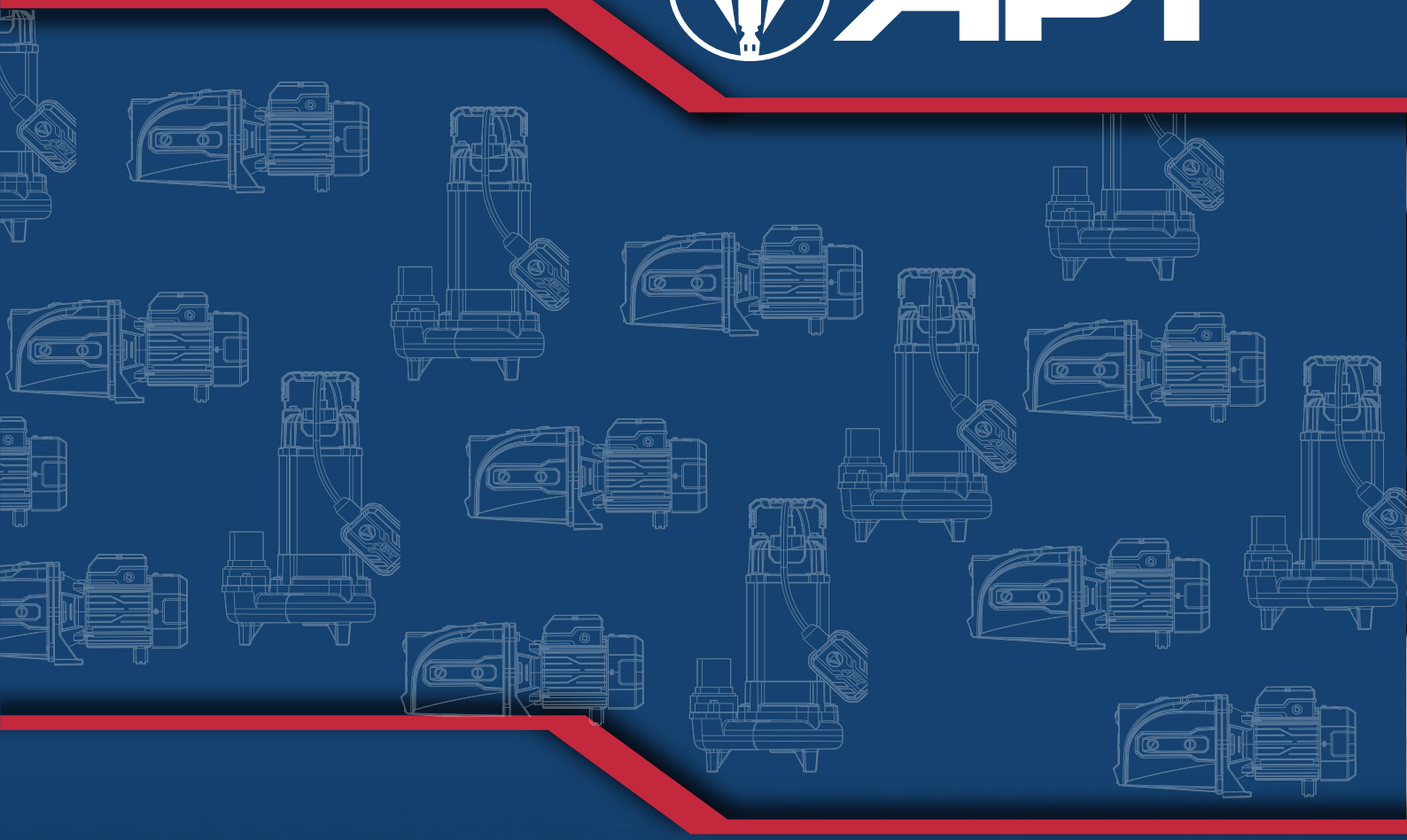

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