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QB Peripheral pumps



Application

Suitable for use with clean water that does not contain abrasive particles and liquids that are not chemically aggressive towards the materials from which the pump is made.

They are easy to use and are economical, they are ideal for domestic use and in particular for distributing water in combination with small pressure sets and for the irrigation of gardens and allotments.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron, with brass/AlSi304 SS insert if request
- ※ Pump support: Cast iron, with brass/AlSi304 SS insert if request
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI 304 SS if request
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6201 RZ/6201 RZ (0.15HP&0.5HP)
6202 RZ/6202 RZ (0.75HP&1HP)

Construction

- ※ Two-pole induction motor (n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

Operating conditions

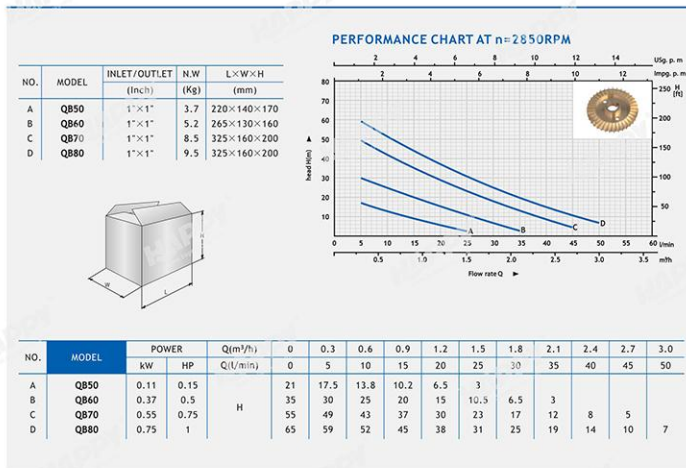
- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



QB50



QB60



PKM Peripheral pumps



Application

Suitable for use with clean water that does not contain abrasive particles and liquids that are not chemically aggressive towards the materials from which the pump is made.

They are easy to use and are economical, they are ideal for domestic use and in particular for distributing water in combination with small pressure sets and for the irrigation of gardens and allotments.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron, with brass/AlSi304 SS insert if request
- ※ Pump support: Cast iron, with brass/AlSi304 SS insert if request
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6201 RZ/6201 RZ (0.5HP)
6202 RZ/6202 RZ (0.75HP&1HP)

Construction

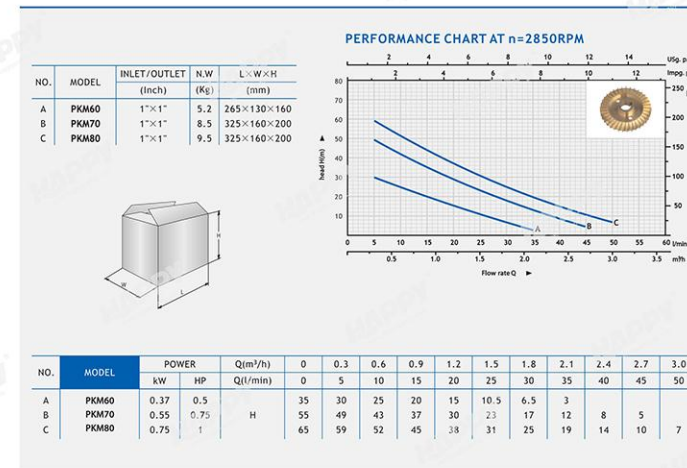
- ※ Two-pole induction motor (n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



PKM



IDB Peripheral pumps



Application

Suitable for use with clean water that does not contain abrasive particles and liquids that are not chemically aggressive towards the materials from which the pump is made.

They are easy to use and are economical, they are ideal for domestic use and in particular for distributing water in combination with small pressure sets and for the irrigation of gardens and allotments.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron, with brass/AISI304 SS insert if request
- ※ Pump support: Cast iron, with brass/AISI304 SS insert if request
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI 304 SS if request
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6201 RZ/6201 RZ (0.5HP)

Construction

- ※ Cast iron, with brass/AISI304 SS insert if request
- ※ Cast iron, with brass/AISI304 SS insert if request
- ※ Aluminum
- ※ Brass
- ※ Carbon steel, AISI 304 SS if request
- ※ Ceramic/Graphite
- ※ 6201 RZ/6201 RZ (0.5HP)
- ※ 6202 RZ/6202 RZ (0.75HP&1HP)

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



IDB35

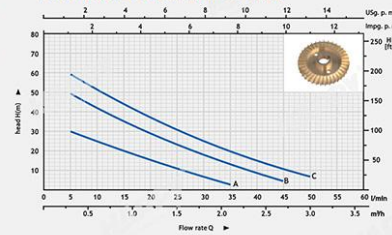


IDB40/50

NO.	MODEL	INLET/OUTLET	N.W	L×W×H
		(Inch)	(Kg)	(mm)
A	IDB35	1"×1"	5.5	285×160×175
B	IDB40	1"×1"	9	320×175×215
C	IDB50	1"×1"	10	320×175×215



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)													
		kW	HP	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0			
A	IDB35	0.37	0.5	35	30	25	20	15	10.5	6.5	3						
B	IDB40	0.55	0.75	55	49	43	37	30	23	17	12	8	5				
C	IDB50	0.75	1	65	59	52	45	38	31	25	19	14	10	7			

PM Peripheral pumps



Application

Suitable for use with clean water that does not contain abrasive particles and liquids that are not chemically aggressive towards the materials from which the pump is made.

They are easy to use and are economical, they are ideal for domestic use and in particular for distributing water in combination with small pressure sets and for the irrigation of gardens and allotments.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron, with brass/AISI304 SS insert if request
- ※ Pump support: Cast iron, with brass/AISI304 SS insert if request
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI 304 SS if request
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6201 RZ/6201 RZ (0.5HP)

Construction

- ※ Cast iron, with brass/AISI304 SS insert if request
- ※ Cast iron, with brass/AISI304 SS insert if request
- ※ Aluminum
- ※ Brass
- ※ Carbon steel, AISI 304 SS if request
- ※ Ceramic/Graphite
- ※ 6201 RZ/6201 RZ (0.5HP)
- ※ 6202 RZ/6202 RZ (1HP)

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m

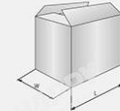


PM45

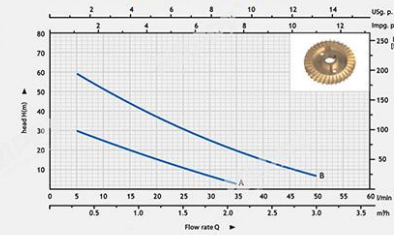


PM80

NO.	MODEL	INLET/OUTLET	N.W	L×W×H
		(Inch)	(Kg)	(mm)
A	PM45	1"×1"	5.8	275×155×170
B	PM80	1"×1"	10	305×185×200



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)													
		kW	HP	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0			
A	PM45	0.37	0.5	35	30	25	20	15	10.5	6.5	3						
B	PM80	0.75	1	65	59	52	45	38	31	25	19	14	10	7			

VP

Peripheral pumps



Application

Suitable for use with clean water that does not contain abrasive particles and liquids that are not chemically aggressive towards the materials from which the pump is made.

They are easy to use and are economical, they are ideal for domestic use and in particular for distributing water in combination with small pressure sets and for the irrigation of gardens and allotments.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Motor

- ※ Two-pole induction motor (n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



Component

- ※ Pump body: Cast iron, with brass/AISI304 SS insert if request
- ※ Pump support: Aluminum
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI 304 SS if request
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6201 RZ/6201 RZ (0.5HP)

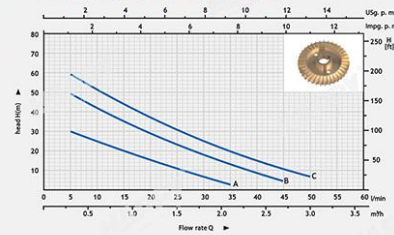
Construction

- ※ Cast iron, with brass/AISI304 SS insert if request
- ※ Cast iron, with brass/AISI304 SS insert if request
- ※ Aluminum
- ※ Brass
- ※ Carbon steel, AISI 304 SS if request
- ※ Ceramic/Graphite
- ※ 6201 RZ/6201 RZ (0.5HP)
- ※ 6202 RZ/6202 RZ (1HP)

NO.	MODEL	INLET/OUTLET	N.W	L×W×H
		(Inch)	(Kg)	(mm)
A	VP5M	1"×1"	5.8	285×175×195
B	VP10M	1"×1"	10	335×195×225



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)	Flow rate Q (l/min)														
		kW	HP		0	5	10	15	20	25	30	35	40	45	50				
A	VP5M	0.37	0.5	H	35	30	25	20	15	10.5	6.5	3							
B	VP10M	0.75	1	H	65	59	52	45	38	31	25	19	14	10	7				

HLQ

Peripheral pumps



Application

Suitable for use with clean water that does not contain abrasive particles and liquids that are not chemically aggressive towards the materials from which the pump is made.

They are easy to use and are economical, they are ideal for domestic use and in particular for distributing water in combination with small pressure sets and for the irrigation of gardens and allotments.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Motor

- ※ Two-pole induction motor (n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



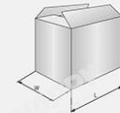
Component

- ※ Pump body: Cast iron, with brass/AISI304 SS insert if request
- ※ Pump support: Aluminum
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6201 RZ/6201 RZ (0.5HP)

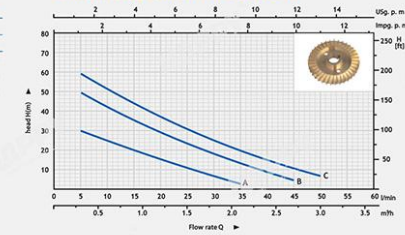
Construction

- ※ Cast iron, with brass/AISI304 SS insert if request
- ※ Cast iron, with brass/AISI304 SS insert if request
- ※ Aluminum
- ※ Brass
- ※ Carbon steel, AISI304 SS if request
- ※ Ceramic/Graphite
- ※ 6201 RZ/6201 RZ (0.5HP)
- ※ 6202 RZ/6202 RZ (0.75HP&1HP)

NO.	MODEL	INLET/OUTLET	N.W	L×W×H
		(Inch)	(Kg)	(mm)
A	HLQ-60	1"×1"	5.5	230×130×165
B	HLQ-70	1"×1"	9	275×160×200
C	HLQ-80	1"×1"	10	275×160×200



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)	Flow rate Q (l/min)														
		kW	HP		0	5	10	15	20	25	30	35	40	45	50				
A	HLQ-60	0.37	0.5	H	35	30	25	20	15	10.5	6.5	3							
B	HLQ-70	0.55	0.75	H	55	49	43	37	30	23	17	12	8	5					
C	HLQ-80	0.75	1	H	65	59	52	45	38	31	25	19	14	10	7				

CP

Peripheral pumps



Application

Suitable for use with clean water that does not contain abrasive particles and liquids that are not chemically aggressive towards the materials from which the pump is made.

They are easy to use and are economical, they are ideal for domestic use and in particular for distributing water in combination with small pressure sets and for the irrigation of gardens and allotments.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron, with brass/AISI304 SS insert if request
- ※ Pump support: Cast iron, with brass/AISI304 SS insert if request
- ※ Motor housing: Sheet steel
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI 304 SS if request
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6202 RZ/6202 RZ

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



CP



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HQSm-AX

Smart self-priming pumps



Application

Suitable for use with clean water that does not contain abrasive particles and liquids that are not chemically aggressive towards the materials from which the pump is made.

They are easy to use and are economical, they are ideal for domestic use and in particular for distributing water in combination with small pressure sets and for the irrigation of gardens and allotments. The pump comes complete with a flap-check valve.

Keep the water pressure stable to let water heater normally working.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron + AISI304 SS insert
- ※ Pump cover: Pure brass
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6201 RZ/6201 RZ (0.5HP)
6202 RZ/6202 RZ (0.75HP&1HP)

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 80°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 9m



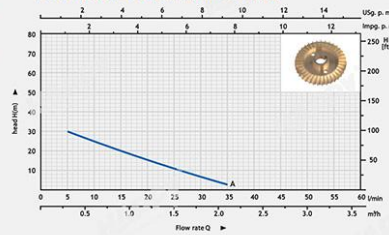
HQSm-AX



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PERFORMANCE CHART AT n=2850RPM

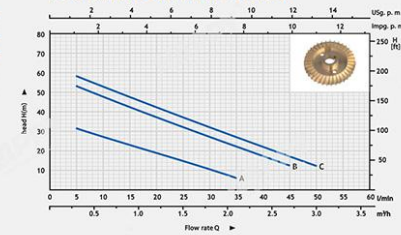
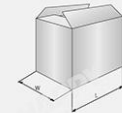
NO.	MODEL	INLET/OUTLET	N.W	L×W×H
		(Inch)	(Kg)	(mm)
A	CP130	1"×1"	7.8	290×190×170



NO.	MODEL	POWER		Q(m³/h)		Q(L/min)		Q(m³/h)		Q(L/min)		
		kW	HP	0	5	10	15	20	25	30	35	
A	CP130	0.37	0.5	H	35	30	25	20	15	10.5	6.5	3

PERFORMANCE CHART AT n=2850RPM

NO.	MODEL	INLET/OUTLET	N.W	L×W×H
		(Inch)	(Kg)	(mm)
A	HQSm60-AX	1"×1"	8.3	295×220×295
B	HQSm70-AX	1"×1"	12.3	320×230×290
C	HQSm80-AX	1"×1"	13.6	320×230×290



NO.	MODEL	POWER		Q(m³/h)		Q(L/min)		Q(m³/h)		Q(L/min)		
		kW	HP	0	5	10	15	20	25	30	35	
A	HQSm60-AX	0.37	0.5	H	35	31	27	22.5	18.5	14.5	10	5.5
B	HQSm70-AX	0.55	0.75	H	58	53	47	42	37	32	27	22
C	HQSm80-AX	0.75	1	H	65	58.5	52.5	47.5	42	37	32	27

HQSm-A

Smart self-priming pumps



Application

Suitable for use with clean water that does not contain abrasive particles and liquids that are not chemically aggressive towards the materials from which the pump is made.

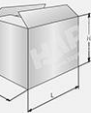
They are easy to use and are economical, they are ideal for domestic use and in particular for distributing water in combination with small pressure sets and for the irrigation of gardens and allotments. The pump comes complete with a flap-check valve.

Keep the water pressure stable to let water heater normally working.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron + AISI304 SS insert
- ※ Pump cover: Cast iron (electrophoresis) + AISI304 SS insert
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6201 RZ/6201 RZ (0.5HP)
6202 RZ/6202 RZ (0.75HP&1HP)



Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

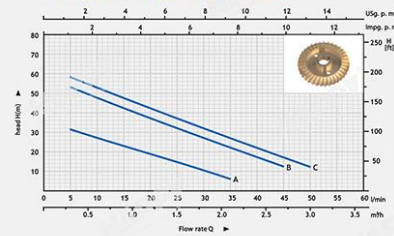
Operating conditions

- ※ Liquid temperature up to 30°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 9m



HQSm-A

PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)													
		kw	HP	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0			
A	HQSm60-A	0.37	0.5	35	31	27	22.5	18.5	14.5	10	5.5						
B	HQSm70-A	0.55	0.75	58	53	47	42	37	32	27	22	17	12				
C	HQSm80-A	0.75	1	65	58.5	52.5	47.5	42	37	32	27	22	17	12			

HRSm-AP

Inverter automatic pumps



Application

Suitable for use with clean water that does not contain abrasive particles and liquids that are not chemically aggressive towards the materials from which the pump is made.

They are easy to use and are economical, they are ideal for domestic use and in particular for distributing water in combination with small pressure sets and for the irrigation of gardens and allotments. The pump comes complete with a flap-check valve.

Keep the water pressure stable to let water heater normally working.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: POM + Brass
- ※ Pump cover: Pure Brass
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6202 RZ/6202 RZ

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

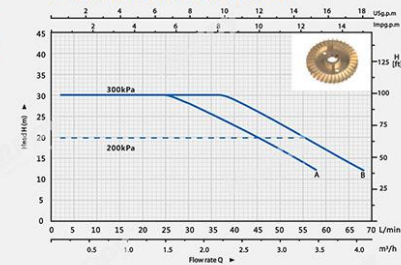
Operating conditions

- ※ Liquid temperature up to 45°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



HRSm-AP

PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)															
		kw	HP	0	0.12	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.48	4.1	
A	HRSm505-AP	0.5	0.67	30	30	30	30	30	30	30	30	30	28	25.3	22.8	20	17	14	12
B	HRSm755-AP	0.75	1	30	30	30	30	30	30	30	30	30	30	30	29	26.5	24	21	19

HRSm-AX

Smart automatic pumps



Application

Suitable for use with clean water that does not contain abrasive particles and liquids that are not chemically aggressive towards the materials from which the pump is made.

They are easy to use and are economical, they are ideal for domestic use and in particular for distributing water in combination with small pressure sets and for the irrigation of gardens and allotments. The pump comes complete with a flap-check valve.

Keep the water pressure stable to let water heater normally working.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: POM + Brass
- ※ Pump cover: Pure Brass
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6201 RZ/6201 RZ (150w)
6202 RZ/6202 RZ (200w, 300w, 400w)

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 45°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m

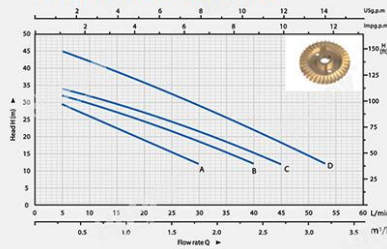


HRSm-AX

NO.	MODEL	INLET/OUTLET		N.W	L×W×H
		(Inch)	(Kg)		
A	HRSm155-AX	1"×1"	11	470×400×350	
B	HRSm205-AX	1"×1"	13	470×400×350	
C	HRSm305-AX	1"×1"	13.7	470×400×350	
D	HRSm405-AX	1½"×1½"	15	470×400×350	



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)															
		kW	HP	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.18				
A	HRSm155-AX	0.15	0.2	33	29.5	26	22.5	19	15.5	12									
B	HRSm205-AX	0.2	0.27	35	32	29.5	27	24.5	21.5	18.5	15.5	12							
C	HRSm305-AX	0.3	0.4	36.5	34	31.5	29.5	27	24.5	21.5	18.5	15	12						
D	HRSm405-AX	0.4	0.54	48	45	42	39	35.5	32.5	29	25.5	22	18.5	14.5	12				

HRSm-A

Smart automatic pumps



Application

Suitable for use with clean water that does not contain abrasive particles and liquids that are not chemically aggressive towards the materials from which the pump is made.

They are easy to use and are economical, they are ideal for domestic use and in particular for distributing water in combination with small pressure sets and for the irrigation of gardens and allotments. The pump comes complete with a flap-check valve.

Keep the water pressure stable to let water heater normally working.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: POM + Brass
- ※ Pump cover: Pure Brass
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6201 RZ/6201 RZ (150w)
6202 RZ/6202 RZ (200w, 300w, 400w)

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

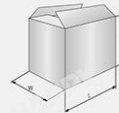
Operating conditions

- ※ Liquid temperature up to 45°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m

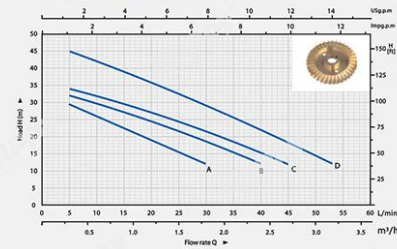


HRSm-A

NO.	MODEL	INLET/OUTLET		N.W	L×W×H
		(Inch)	(Kg)		
A	HRSm155-A	1"×1"	11	470×400×350	
B	HRSm205-A	1"×1"	13	470×400×350	
C	HRSm305-A	1"×1"	13.7	470×400×350	
D	HRSm405-A	1½"×1½"	15	470×400×350	



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)															
		kW	HP	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.18				
A	HRSm155-A	0.15	0.2	33	29.5	26	22.5	19	15.5	12									
B	HRSm205-A	0.2	0.27	35	32	29.5	27	24.5	21.5	18.5	15.5	12							
C	HRSm305-A	0.3	0.4	36.5	34	31.5	29.5	27	24.5	21.5	18.5	15	12						
D	HRSm405-A	0.4	0.54	48	45	42	39	35.5	32.5	29	25.5	22	18.5	14.5	12				

PS Self-priming peripheral pumps



Application

Suitable for use with clean water that does not contain abrasive particles and liquids that are not chemically aggressive towards the materials from which the pump is made.

As a result of their compactness, reliability and the fact that they are easy to use, they are suitable for use in domestic applications such as the distribution of water in combination with small pressure sets, for the irrigation of gardens and allotments, for drawing water from tanks and for all those other situations where air or water may be present in the water to be pumped. The pump comes complete with a flap-check valve.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron
- ※ Pump cover: Cast iron, Pure brass if request
- ※ Motor housing: Sheet steel
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6201 RZ/6201 RZ

Construction

- ※ Pump body: Cast iron
- ※ Pump cover: Cast iron, Pure brass if request
- ※ Motor housing: Sheet steel
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6201 RZ/6201 RZ



PS-126



PS-130

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

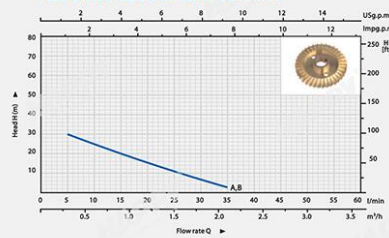
Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 9m

NO.	MODEL	INLET/OUTLET	N.W	L×W×H
		(Inch)	(Kg)	(mm)
A	PS-126	1"×1"	9.2	295×170×245
B	PS-130	1"×1"	9.5	295×200×290



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)								
		kW	HP	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	
A	PS-126	0.37	0.5	H	35	30	25	20	15	10.5	6.5	3
B	PS-130	0.37	0.5	H	35	30	25	20	15	10.5	6.5	3

PS Self-priming peripheral pumps



Application

Suitable for use with clean water that does not contain abrasive particles and liquids that are not chemically aggressive towards the materials from which the pump is made.

As a result of their compactness, reliability and the fact that they are easy to use, they are suitable for use in domestic applications such as the distribution of water in combination with small pressure sets, for the irrigation of gardens and allotments, for drawing water from tanks and for all those other situations where air or water may be present in the water to be pumped. The pump comes complete with a flap-check valve.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron
- ※ Pump cover: Cast iron, Pure brass if request
- ※ Motor housing: Sheet steel, Aluminum for PS-130C
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6201 RZ/6201 RZ

Construction

- ※ Pump body: Cast iron
- ※ Pump cover: Cast iron, Pure brass if request
- ※ Motor housing: Sheet steel, Aluminum for PS-130C
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6201 RZ/6201 RZ



PS-130C



PS-130B

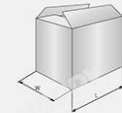
Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

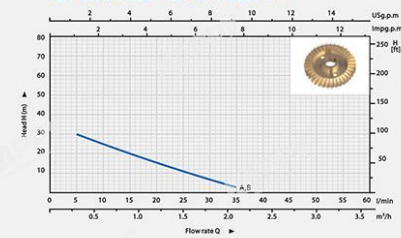
Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 9m

NO.	MODEL	INLET/OUTLET	N.W	L×W×H
		(Inch)	(Kg)	(mm)
A	PS-130B	1"×1"	11.6	330×320×320
B	PS-130C	1"×1"	7.5	295×210×300



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)								
		kW	HP	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	
A	PS-130B	0.37	0.5	H	35	30	25	20	15	10.5	6.5	3
B	PS-130C	0.37	0.5	H	35	30	25	20	15	10.5	6.5	3

HKS

Self-priming peripheral pumps



Application

Suitable for use with clean water that does not contain abrasive particles and liquids that are not chemically aggressive towards the materials from which the pump is made.

As a result of their compactness, reliability and the fact that they are easy to use, they are suitable for use in domestic applications such as the distribution of water in combination with small pressure sets, for the irrigation of gardens and allotments, for drawing water from tanks and for all those other situations where air or water may be present in the water to be pumped. The pump comes complete with a flap-check valve.
The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6201 RZ/6201 RZ (0.5HP), 6202 RZ/6202 RZ (0.75HP&1HP)

Construction

- ※ Cast iron
- ※ Aluminum
- ※ Brass
- ※ Carbon steel, AISI304 SS if request
- ※ Ceramic/Graphite
- ※ 6201 RZ/6201 RZ (0.5HP), 6202 RZ/6202 RZ (0.75HP&1HP)

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 9m

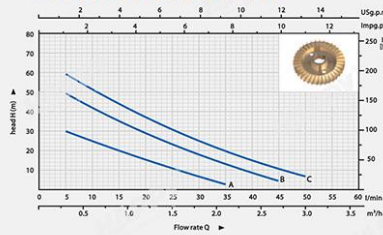


HKS

NO.	MODEL	INLET/OUTLET	N.W	L×W×H
		(Inch)	(Kg)	(mm)
A	HKS-60	1"×1"	6.8	250×160×230
B	HKS-70	1"×1"	9.5	280×185×255
C	HKS-80	1"×1"	12.2	290×200×275



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)														
		KW	HP	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0				
A	HKS-60	0.37	0.5		35	30	25	20	15	10.5	6.5	3						
B	HKS-70	0.55	0.75	H	55	49	43	37	30	23	17	12	8	5				
C	HKS-80	0.75	1		65	59	52	45	38	31	25	19	14	10	7			

HQSm

Self-priming peripheral pumps



Application

Suitable for use with clean water that does not contain abrasive particles and liquids that are not chemically aggressive towards the materials from which the pump is made.

As a result of their compactness, reliability and the fact that they are easy to use, they are suitable for use in domestic applications such as the distribution of water in combination with small pressure sets, for the irrigation of gardens and allotments, for drawing water from tanks and for all those other situations where air or water may be present in the water to be pumped. The pump comes complete with a flap-check valve.
The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron
- ※ Pump cover: Cast iron (electrophoresis) + AISI304 SS insert
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6201 RZ/6201 RZ (0.5HP), 6202 RZ/6202 RZ (0.75HP&1HP)

Construction

- ※ Cast iron
- ※ Cast iron (electrophoresis) + AISI304 SS insert
- ※ Aluminum
- ※ Brass
- ※ AISI304 SS
- ※ Ceramic/Graphite
- ※ 6201 RZ/6201 RZ (0.5HP), 6202 RZ/6202 RZ (0.75HP&1HP)

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

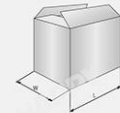
Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 9m

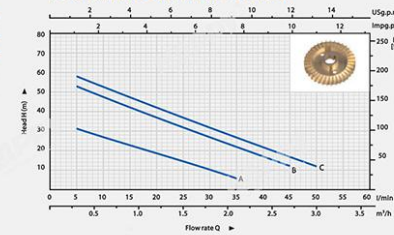


HQSm

NO.	MODEL	INLET/OUTLET	N.W	L×W×H
		(Inch)	(Kg)	(mm)
A	HQSm60	1"×1"	8.3	295×220×295
B	HQSm70	1"×1"	12.3	320×230×290
C	HQSm80	1"×1"	13.6	320×230×290



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)														
		KW	HP	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0				
A	HQSm60	0.37	0.5		35	31	27	22.5	18.5	14.5	10	5.5						
B	HQSm70	0.55	0.75	H	58	53	47	42	37	32	27	22	17	12				
C	HQSm80	0.75	1		65	58.5	52.5	47.5	42	37	32	27	22	17	12			

CPM Centrifugal pumps



Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from 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 pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: Ceramic/Graphite (0.5HP), SIC/Graphite
- ※ Bearings: 6201 RZ/6204 RZ (1.5HP, 2HP&3HP)

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



CPM158

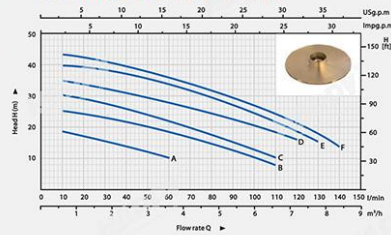


CPM180/190/200

NO.	MODEL	INLET/OUTLET	N.W	L×W×H
		(Inch)	(Kg)	(mm)
A	CPM130	1"×1"	8.5	270×190×240
B	CPM146	1"×1"	11.5	320×200×255
C	CPM158	1"×1"	13.5	320×215×270
D	CPM180	1"×1"	20	380×265×325
E	CPM190	1"×1"	21	380×265×325
F	CPM200	1"×1"	22	380×265×325



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)		H													
		kW	HP	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	
A	CPM130	0.37	0.5	20	18.5	17	15.5	14	12	10									
B	CPM146	0.55	0.75	26	25	24	23	21.5	20	18.5	17	15	13	10.5	7.5				
C	CPM158	0.75	1	32	30.5	29	27.5	25.8	24	22.5	20.5	18.5	16	13	10				
D	CPM180	1.1	1.5	36	35	34	33	31.5	30	28.5	26.5	25	23	20.5	18	15.5			
E	CPM190	1.5	2	41	40	39	38	36.5	35	33.5	32	30	27.5	25	22	18.5	15		
F	CPM200	2.2	3	44	43	42	41	39.5	38	36	34	32	29.5	26.5	23.5	20.5	17	14	

CPM-1 Centrifugal pumps



Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from 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 pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: Ceramic/Graphite (0.5HP), SIC/Graphite
- ※ Bearings: 6201 RZ/6204 RZ (0.5HP), 6202 RZ/6202 RZ (0.75HP&1HP)

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

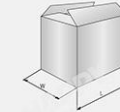
Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m

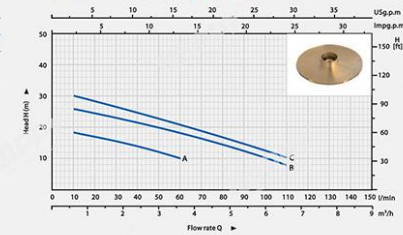


CPM-1

NO.	MODEL	INLET/OUTLET	N.W	L×W×H
		(Inch)	(Kg)	(mm)
A	CPM130-1	1"×1"	9.5	280×190×230
B	CPM146-1	1"×1"	13	320×200×255
C	CPM158-1	1"×1"	15.5	320×215×270



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)		H													
		kW	HP	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	
A	CPM130-1	0.37	0.5	20	18.5	17	15.5	14	12	10									
B	CPM146-1	0.55	0.75	26	25	24	23	21.5	20	18.5	17	15	13	10.5	7.5				
C	CPM158-1	0.75	1	32	30.5	29	27.5	25.8	24	22.5	20.5	18.5	16	13	10				

CPM-2 Centrifugal pumps



Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from 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 pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron
- ※ Pump support: Aluminum
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: Ceramic/Graphite (0.5HP), SIC/Graphite
- ※ Bearings: 6204 RZ/6201 RZ (0.5HP), 6202 RZ/6202 RZ (1HP)

Construction

- ※ Pump body: Cast iron
- ※ Pump support: Aluminum
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: Ceramic/Graphite (0.5HP), SIC/Graphite
- ※ Bearings: 6204 RZ/6201 RZ (0.5HP), 6202 RZ/6202 RZ (1HP)

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



CPM-2



HCT-S Centrifugal pumps



Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from 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 pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: AISI304 SS
- ※ Pump support: Aluminum
- ※ Motor housing: Aluminum
- ※ Impeller: AISI304 SS
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC/Graphite
- ※ Bearings: 6202 RZ/6202 RZ (0.5HP, 0.75HP&1HP)

Construction

- ※ Pump body: AISI304 SS
- ※ Pump support: Aluminum
- ※ Motor housing: Aluminum
- ※ Impeller: AISI304 SS
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC/Graphite
- ※ Bearings: 6204 RZ/6204 RZ (1.5HP&2HP)

Motor

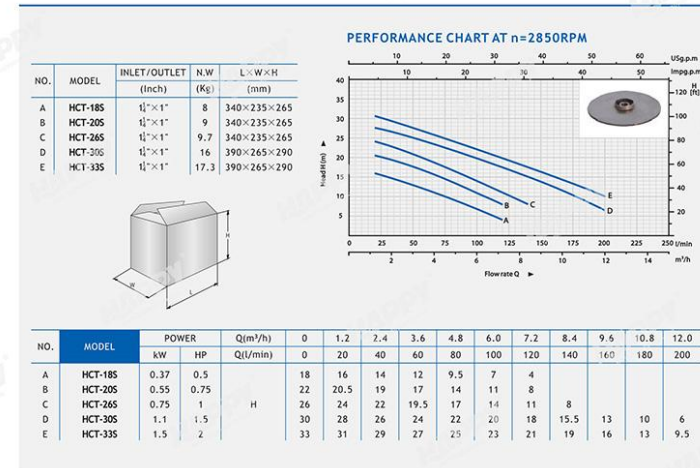
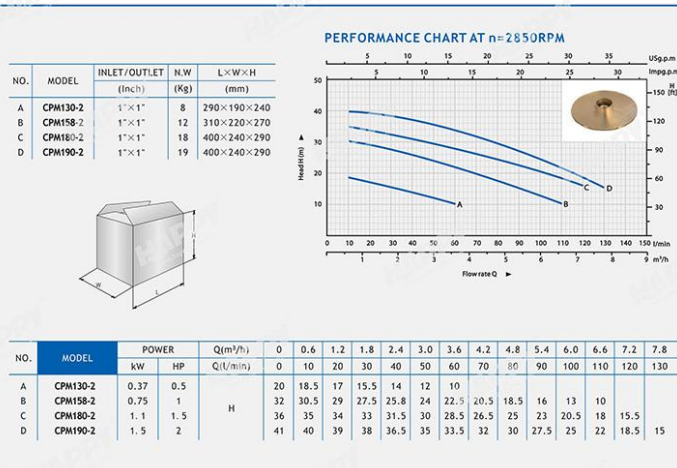
- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



HCT-S



DK Centrifugal pumps



Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from 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 pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: Ceramic/Graphite (0.5HP), SIC/Graphite
- ※ Bearings: 6201 RZ/6201 RZ (0.5HP), 6202 RZ/6202 RZ (1HP)

Construction

- Cast iron
- Cast iron
- Aluminum
- Brass
- Carbon steel, AISI304 SS if request
- Ceramic/Graphite (0.5HP), SIC/Graphite
- 6201 RZ/6201 RZ (0.5HP), 6202 RZ/6202 RZ (1HP)
- 6204 RZ/6204 RZ (1.5HP&2HP)

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



DK



HCM Centrifugal pumps



Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from 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 pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: SIC/Graphite
- ※ Bearings: 6204 RZ/6204 RZ

Construction

- Cast iron
- Cast iron
- Aluminum
- Brass
- Carbon steel, AISI304 SS if request
- SIC/Graphite
- 6204 RZ/6204 RZ

Motor

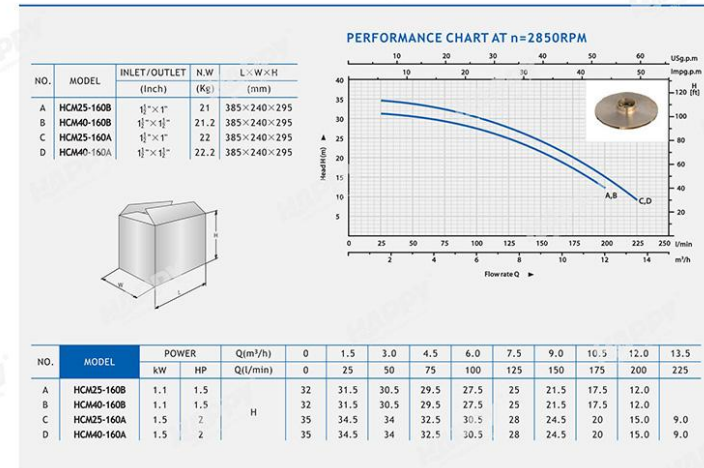
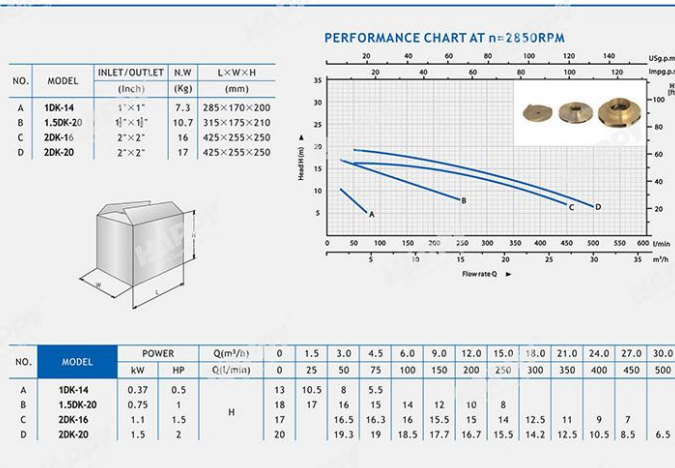
- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



HCM



HCK Centrifugal pumps



Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from 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 pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: SIC/Graphite
- ※ Bearings: 6204 RZ/6205 RZ

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



HCK



HCPF Centrifugal pumps



Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from 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 pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: SIC/Graphite
- ※ Bearings: 6204 RZ/6205 RZ (1.5HP&2HP)
6204 RZ/6205 RZ (3HP)

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Motor

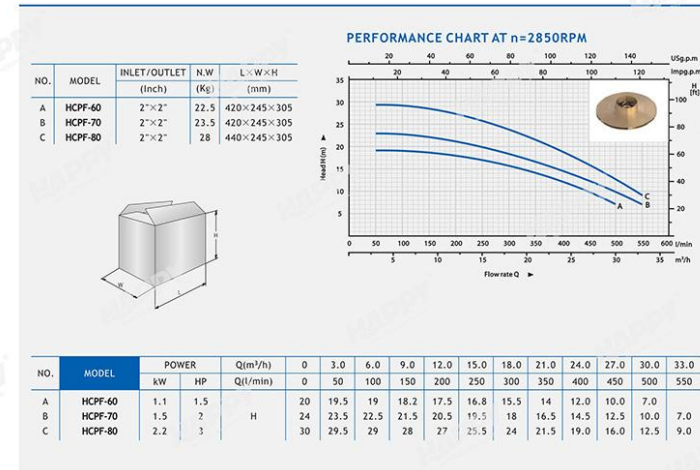
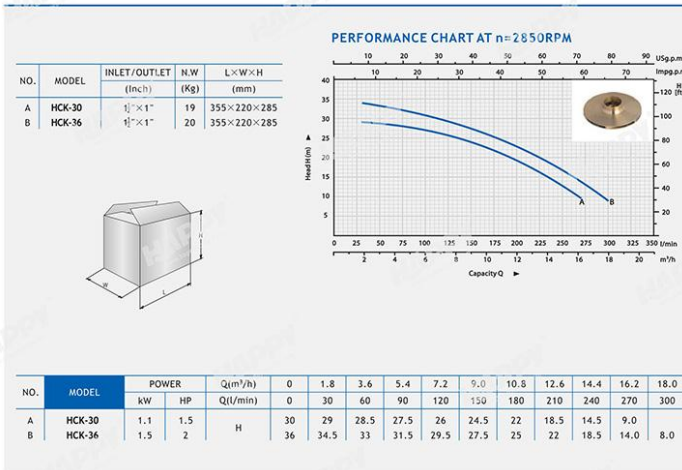
- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



HCPF



HTM Centrifugal pumps



Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from 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 pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: SIC/Graphite
- ※ Bearings: 6204 RZ/6304 RZ

Construction

- ※ Pump body: Cast iron
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: SIC/Graphite
- ※ Bearings: 6204 RZ/6304 RZ

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



HTM



HGAM Centrifugal pumps



Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from 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 pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: SIC/Graphite
- ※ Bearings: 6202 RZ/6202 RZ (1HP)
6204 RZ/6204 RZ (1.5HP&2HP)

Construction

- ※ Pump body: Cast iron
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: SIC/Graphite
- ※ Bearings: 6202 RZ/6202 RZ (1HP)
6204 RZ/6204 RZ (1.5HP&2HP)

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



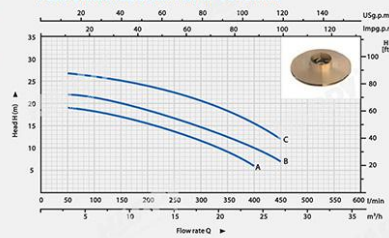
HGAM



NO.	MODEL	INLET/OUTLET	N.W (Kg)	L×W×H (mm)
		(Inch)		
A	HTM32-160C	2"×2"	29.5	540×280×370
B	HTM32-160B	2"×2"	30.5	540×280×370
C	HTM32-160A	2"×2"	32	540×280×370

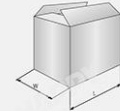


PERFORMANCE CHART AT n=2850RPM

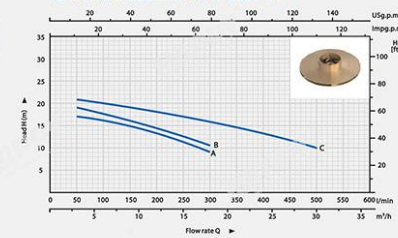


NO.	MODEL	POWER		Q(m³/h)													
		KW	HP	0	3.0	6.0	9.0	12.0	15.0	18.0	21.0	24.0	27.0				
A	HTM32-160C	1.1	1.5	0	3.0	6.0	9.0	12.0	15.0	18.0	21.0	24.0	27.0				
B	HTM32-160B	1.5	2	H	23	22	21	20	19	17	15	12.5	10	7			
C	HTM32-160A	2.2	3		28	27	26	25	24	22.5	20.5	18	15.5	12			

NO.	MODEL	INLET/OUTLET	N.W (Kg)	L×W×H (mm)
		(Inch)		
A	HGAM-70	1½"×1½"	14.5	340×220×270
B	HGAM-75	1½"×1½"	18	435×265×290
C	HGAM-80	2"×2"	21.5	435×265×290



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)													
		KW	HP	0	3.0	6.0	9.0	12.0	15.0	18.0	21.0	24.0	27.0	30.0			
A	HGAM-70	0.75	1		18	17	16	15	13.5	11.5	9	6					
B	HGAM-75	1.1	1.5	H	20	19	17.5	16	14.5	12.5	10.5	7					
C	HGAM-80	1.5	2		22	21	20	19	18	17	16	15	13.5	12	10		

HFM Centrifugal pumps



Application

Suitable for use in civil and agricultural applications. The high efficiency and continuous duty capabilities makes these pumps ideal for use in activities such as flood and spray irrigation, gardening, agriculture, drawing water from lakes, rivers and wells, or for any number of different industrial applications where the characteristics of high flow rates and mid to low head are required.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: SiC/Graphite
- ※ Bearings:

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
 - ※ Insulation Class B
 - ※ Protection IP44
 - ※ Continuous service S1
 - ※ Thermal protector for single phase
 - ※ Single-phase 220V/50Hz, 60Hz if request
 - ※ Three-phase 380V/50Hz, 60Hz if request
- 6202 RZ/6202 RZ (1HP), 6204 RZ/6204 RZ (1.5HP, 2HP&3HP)
6205 RZ/6304 RZ (4HP), 6205 RZ/6206 RZ (5.5HP)



HFM-80



HFM-95

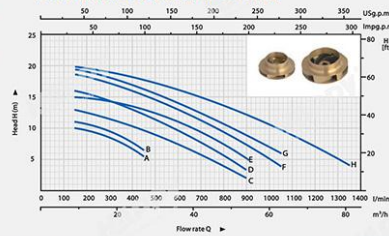
Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m

PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	INLET/OUTLET		N.W (Kg)	L×W×H (mm)
		(Inch)	(mm)		
A	HFM-70	2"×2"	16	355×215×275	
B	HFM-75	2"×2"	20	470×310×345	
C	HFM-80	3"×3"	26	470×310×345	
D	HFM-85	3"×3"	27.5	470×310×345	
E	HFM-90	4"×4"	31	480×310×345	
F	HFM-95	4"×4"	35	530×310×350	
G	HFM-100	3"×3"	32	530×310×350	
H	HFM-105	4"×4"	39	610×310×350	

NO.	MODEL	POWER		Q(m³/h)	0	9.0	18.0	27.0	36.0	45.0	54.0	63.0	72.0	81.0
		kW	HP											
A	HFM-70	0.75	1	11	10	8.5	5.5							
B	HFM-75	1.1	1.5	12	11	9.5	6.5							
C	HFM-80	1.5	2	14	13	11.5	9.5	7.5	5	2				
D	HFM-85	2.2	3	17	16	14.5	12	9.5	6.5	3.5				
E	HFM-90	2.2	3	16	15	14	13	11	8.5	5				
F	HFM-95	3	4	18	18.5	17.5	15	13	10.2	7.5	4			
G	HFM-100	3	4	19	19.5	18	16	14	11.5	9	6			
H	HFM-105	4	5.5	20.5	20	19	17.5	16	14.5	12	10	7	4	

HNF Centrifugal pumps



Application

Suitable for use in civil and agricultural applications. The high efficiency and continuous duty capabilities makes these pumps ideal for use in activities such as flood and spray irrigation, gardening, agriculture, drawing water from lakes, rivers and wells, or for any number of different industrial applications where the characteristics of high flow rates and mid to low head are required.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: SiC/Graphite
- ※ Bearings:

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
 - ※ Insulation Class B
 - ※ Protection IP44
 - ※ Continuous service S1
 - ※ Thermal protector for single phase
 - ※ Single-phase 220V/50Hz, 60Hz if request
 - ※ Three-phase 380V/50Hz, 60Hz if request
- 6202 RZ/6202 RZ (1HP), 6204 RZ/6204 RZ (1.5HP&2HP)
6205 RZ/6304 RZ (3HP), 6205 RZ/6206 RZ (4HP&5.5HP)



HNF-130C



HNF-130A

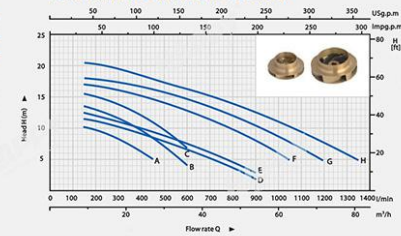
Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m

PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	INLET/OUTLET		N.W (Kg)	L×W×H (mm)
		(Inch)	(mm)		
A	HNF-128A	2"×2"	18.5	370×225×295	
B	HNF-129B	2"×2"	22	425×230×295	
C	HNF-129A	2"×2"	23.5	425×230×295	
D	HNF-130C	3"×3"	28.5	465×310×345	
E	HNF-130B	3"×3"	30	465×310×345	
F	HNF-130A	3"×3"	35	520×300×350	
G	HNF-131B	3"×3"	38	560×310×350	
H	HNF-131A	3"×3"	40	560×310×350	

NO.	MODEL	POWER		Q(m³/h)	0	9.0	18.0	27.0	36.0	45.0	54.0	63.0	72.0	81.0
		kW	HP											
A	HNF-128A	0.75	1	12	10.5	8.5	5							
B	HNF-129B	1.1	1.5	15	14	12	8.5	4						
C	HNF-129A	1.5	2	17	15.5	14	11	7						
D	HNF-130C	1.1	1.5	12	11.5	10.5	9	6.5	4	2				
E	HNF-130B	1.5	2	13.5	12.5	11.5	10	7.5	5	3				
F	HNF-130A	2.2	3	18	17	16	14.5	13	11	8	5			
G	HNF-131B	3	4	19	18	17	16	15	13	10.5	8	5		
H	HNF-131A	4	5.5	21	20.5	19.5	18	17	15.5	13	11	8	5	

2HCP

Double-impeller centrifugal pumps



Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The high efficiency and adaptability of these pumps to even the most unusual of applications, makes the ideal for use in the domestic, civil and industrial sectors, in particular for the distribution of water in combination with pressure sets, for pressure boosting and in fire-fighting sets. The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: SIC/Graphite
- ※ Bearings: 6202 RZ/6203 RZ (1HP), 6204 RZ/6204 RZ (1.5HP&2HP) 6205 RZ/6304 RZ (3HP), 6205 RZ/6306 RZ (4HP)

Construction

- ※ Pump body: Cast iron
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: SIC/Graphite
- ※ Bearings: 6202 RZ/6203 RZ (1HP), 6204 RZ/6204 RZ (1.5HP&2HP) 6205 RZ/6304 RZ (3HP), 6205 RZ/6306 RZ (4HP)



2HCP-160



2HCP-200

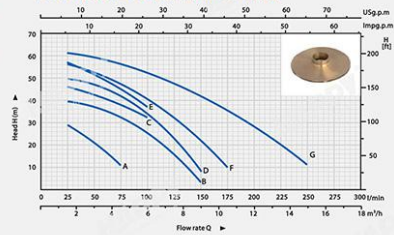
Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m

PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	INLET/OUTLET (Inch)	N.W (Kg)	L×W×H (mm)
B	2HCP-140M	1"×1"	22	450×225×275
C	2HCP-140H	1"×1"	22	450×225×275
D	2HCP-160B	1"×1"	27	455×255×290
E	2HCP-160	1"×1"	26	455×255×290
F	2HCP-180	1"×1"	32	550×310×370
G	2HCP-200	1"×1"	42	570×310×370

NO.	MODEL	POWER		Q(m³/h)	0	1.5	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0	
		kw	HP													
A	2HCP-130	0.75	1		33	29	21	11								
B	2HCP-140M	1.1	1.5		45	40	37	32	26	16	3					
C	2HCP-140H	1.1	1.5		50	46	42.5	38	32.5							
D	2HCP-160B	1.5	2	H	54	50	47	42	34	24	8					
E	2HCP-160	1.5	2		61	57	51.5	45	37							
F	2HCP-180	2.2	3		60	56.5	53	48	41	32.5	22	10				
G	2HCP-200	3	4		65	61.5	59	56	52	47	42	36	29	21	10	



HMC-S

Multistage pumps



Application

Suitable for use with clean water even where air is present and with liquids that are not chemically aggressive towards the materials from which the pump is made. The pumps are designed to pump water even in cases where air is present. As a result of their quietness, reliability and low energy consumption they are recommended for use in domestic and civil applications such as the pressurisation and distribution of water in combination with pressure sets, and in rain water recovery and irrigation systems, etc.. The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Motor

- ※ Two-pole induction motor (n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m

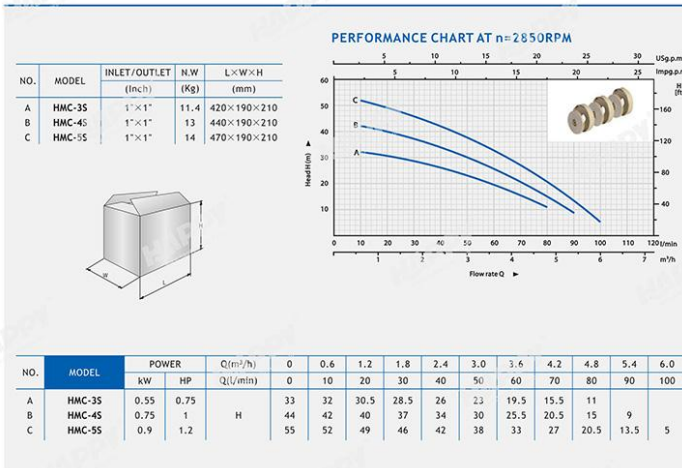


HMC-S

Component

- ※ Pump body: Cast iron - Stainless steel
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: PPO
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC/Graphite
- ※ Bearings: 6202 RZ/6302 RZ

Construction



HMC-IA

Multistage pumps



Application

Suitable for use with clean water even where air is present and with liquids that are not chemically aggressive towards the materials from which the pump is made. The pumps are designed to pump water even in cases where air is present. As a result of their quietness, reliability and low energy consumption they are recommended for use in domestic and civil applications such as the pressurisation and distribution of water in combination with pressure sets, and in rain water recovery and irrigation systems, etc.. The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Motor

- ※ Two-pole induction motor (n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m

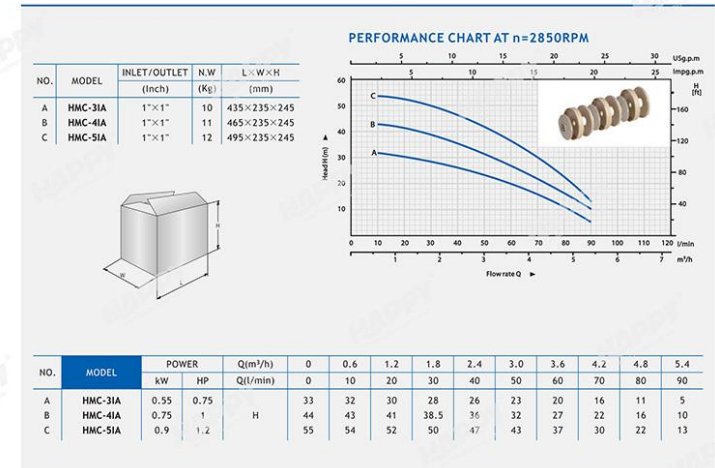


HMC-IA

Component

- ※ Pump body: AISI304 SS
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: PPO, AISI304 SS if request
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC/Graphite
- ※ Bearings: 6202 RZ/6203 RZ

Construction



HMC60-SH

Self-priming multistage pumps



Application

Suitable for use with clean water even where air is present and with liquids that are not chemically aggressive towards the materials from which the pump is made.
The pumps are designed to pump water even in cases where air is present. As a result of their quietness, reliability and low energy consumption they are recommended for use in domestic and civil applications such as the pressurisation and distribution of water in combination with pressure sets, and in rain water recovery and irrigation systems, etc.
The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron + Stainless steel
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: AISI304 SS, PPO if request
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC/Graphite
- ※ Bearings: 6201 RZ/6202 RZ (0.5HP&0.65HP)
6202 RZ/6202 RZ (0.95HP, 1.15HP&1.3HP)

Construction

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

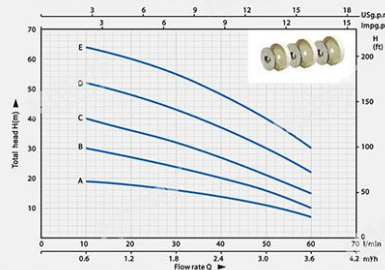
- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



NO.	MODEL	INLET/OUTLET		N.W (Kg)	L×W×H (mm)
		(Inch)			
A	HMC60-2SH	1"×1"	8.6	350×190×185	
B	HMC60-3SH	1"×1"	8.9	375×190×185	
C	HMC60-4SH	1"×1"	11.1	450×190×210	
D	HMC60-5SH	1"×1"	12	475×190×210	
E	HMC60-6SH	1"×1"	13.1	500×190×210	



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6
		KW	HP								
A	HMC60-2SH	0.37	0.5	H	20	19	18	16	14	11	7
B	HMC60-3SH	0.50	0.65		32	30	27	24	20	16	10
C	HMC60-4SH	0.70	0.95		43	40	36	32	27	21	15
D	HMC60-5SH	0.85	1.15		54	52	48	43	37	30	22
E	HMC60-6SH	1.00	1.3		66	64	60	55	48	40	30

HMC90-SH

Self-priming multistage pumps



Application

Suitable for use with clean water even where air is present and with liquids that are not chemically aggressive towards the materials from which the pump is made.
The pumps are designed to pump water even in cases where air is present. As a result of their quietness, reliability and low energy consumption they are recommended for use in domestic and civil applications such as the pressurisation and distribution of water in combination with pressure sets, and in rain water recovery and irrigation systems, etc.
The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron + Stainless steel
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: AISI304 SS, PPO if request
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC/Graphite
- ※ Bearings: 6201 RZ/6202 RZ (0.6HP)
6202 RZ/6202 RZ (0.9HP, 1HP&1.3HP)
6203 RZ/6204 RZ (1.75HP)

Construction

Motor

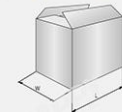
- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

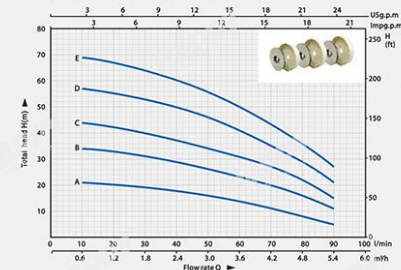
- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



NO.	MODEL	INLET/OUTLET		N.W (Kg)	L×W×H (mm)
		(Inch)			
A	HMC90-2SH	1"×1"	8.7	350×190×185	
B	HMC90-3SH	1"×1"	11.2	425×190×210	
C	HMC90-4SH	1"×1"	12.2	450×190×210	
D	HMC90-5SH	1"×1"	13.3	475×190×210	
E	HMC90-6SH	1"×1"	17.1	545×230×250	



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4
		KW	HP											
A	HMC90-2SH	0.45	0.6	H	22	21	20	19	18	16	14	11	8	5
B	HMC90-3SH	0.65	0.9		35	34	33	31	29	26	23	20	16	11
C	HMC90-4SH	0.75	1		45	44	42	40	37	34	31	27	22	15
D	HMC90-5SH	1	1.3		58	57	55	53	50	46	41	35	29	21
E	HMC90-6SH	1.3	1.75		70	69	67	64	60	56	50	43	36	27

HMC145-SH

Self-priming multistage pumps



Application

Suitable for use with clean water even where air is present and with liquids that are not chemically aggressive towards the materials from which the pump is made.
The pumps are designed to pump water even in cases where air is present. As a result of their quietness, reliability and low energy consumption they are recommended for use in domestic and civil applications such as the pressurisation and distribution of water in combination with pressure sets, and in rain water recovery and irrigation systems, etc.
The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron + Stainless steel
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: AISI304 SS, PPO if request
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC/Graphite
- ※ Bearings: 6202 RZ/6204 RZ (1.5HP&2.1HP)
6204 RZ/6205 RZ (2.5HP)

Construction

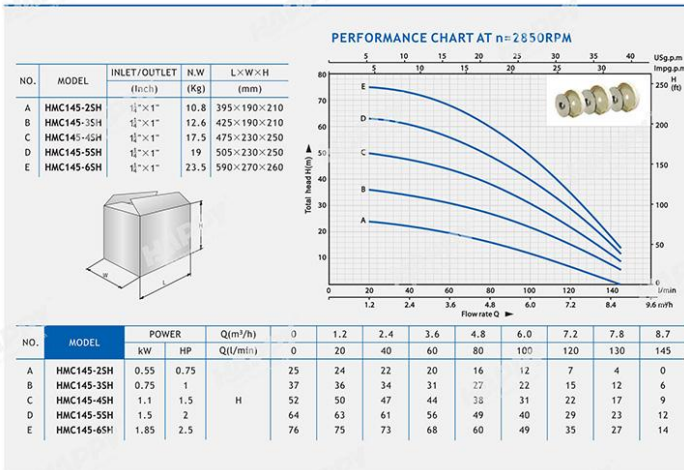
- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



HMC170-SH

Self-priming multistage pumps



Application

Suitable for use with clean water even where air is present and with liquids that are not chemically aggressive towards the materials from which the pump is made.
The pumps are designed to pump water even in cases where air is present. As a result of their quietness, reliability and low energy consumption they are recommended for use in domestic and civil applications such as the pressurisation and distribution of water in combination with pressure sets, and in rain water recovery and irrigation systems, etc.
The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron + Stainless steel
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: AISI304 SS
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC/Graphite
- ※ Bearings: 6202 RZ/6204 RZ (1.5HP&1.3HP)
6203 RZ/6204 RZ (1.8HP&2.2HP)
6204 RZ/6205 RZ (2.8HP)

Construction

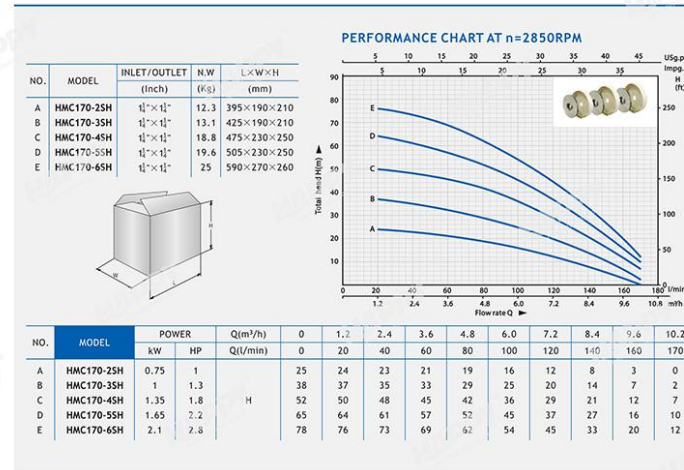
- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



HMC60-SV

Self-priming multistage pumps



Application

Suitable for use with clean water even where air is present and with liquids that are not chemically aggressive towards the materials from which the pump is made.
The pumps are designed to pump water even in cases where air is present. As a result of their quietness, reliability and low energy consumption they are recommended for use in domestic and civil applications such as the pressurisation and distribution of water in combination with pressure sets, and in rain water recovery and irrigation systems, etc.
The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron + Stainless steel
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: AISI304 SS, PPO if request
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC/Graphite
- ※ Bearings: 6201 RZ/6202 RZ (0.5HP&0.65HP)
6202 RZ/6202 RZ (0.95HP, 1.15HP&1.3HP)
6203 RZ/6204 RZ (1.6HP&1.85HP)

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Motor

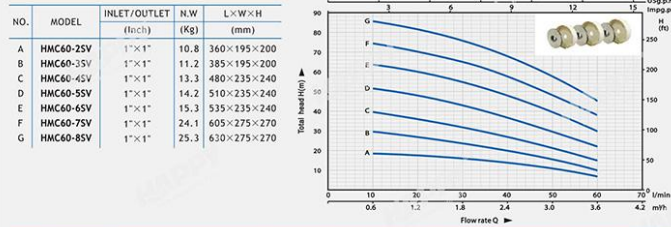
- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)		Q(l/min)		0		0.6		1.2		1.8		2.4		3.0		3.6		
		kW	HP																			
A	HMC60-25V	0.37	0.5			20	19	18	16	14	11	7										
B	HMC60-35V	0.5	0.65			32	30	27	24	20	16	10										
C	HMC60-45V	0.7	0.95			43	40	36	32	27	21	15										
D	HMC60-55V	0.85	1.15		H	54	52	48	43	37	30	22										
E	HMC60-65V	1	1.3			66	64	60	55	48	40	30										
F	HMC60-75V	1.2	1.6			77	75	70	65	58	48	38										
G	HMC60-85V	1.4	1.85			88	86	82	76	68	58	45										

HMC90-SV

Self-priming multistage pumps



Application

Suitable for use with clean water even where air is present and with liquids that are not chemically aggressive towards the materials from which the pump is made.
The pumps are designed to pump water even in cases where air is present. As a result of their quietness, reliability and low energy consumption they are recommended for use in domestic and civil applications such as the pressurisation and distribution of water in combination with pressure sets, and in rain water recovery and irrigation systems, etc.
The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron + Stainless steel
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: AISI304 SS, PPO if request
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC/Graphite
- ※ Bearings: 6201 RZ/6202 RZ (0.6HP)
6202 RZ/6202 RZ (0.9HP, 1HP&1.3HP)
6203 RZ/6204 RZ (1.75HP, 2HP&2.2HP)

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Motor

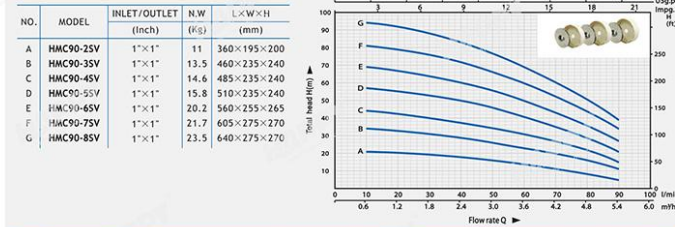
- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)		Q(l/min)		0		0.6		1.2		1.8		2.4		3.0		3.6		4.2		4.8		5.4	
		kW	HP																								
A	HMC90-25V	0.45	0.6			22	21	20	19	18	16	14	11	8	5												
B	HMC90-35V	0.65	0.9			35	34	33	31	29	26	23	20	16	11												
C	HMC90-45V	0.75	1			45	44	42	40	37	34	31	27	22	15												
D	HMC90-55V	1	1.3		H	58	57	55	53	50	46	41	35	29	21												
E	HMC90-65V	1.3	1.75			70	69	67	64	60	56	50	43	36	27												
F	HMC90-75V	1.5	2			82	81	79	76	72	66	60	52	44	34												
G	HMC90-85V	1.65	2.2			95	94	92	88	83	77	69	60	51	39												

HMC145-SV

Self-priming multistage pumps



Application

Suitable for use with clean water even where air is present and with liquids that are not chemically aggressive towards the materials from which the pump is made.

The pumps are designed to pump water even in cases where air is present. As a result of their quietness, reliability and low energy consumption they are recommended for use in domestic and civil applications such as the pressurisation and distribution of water in combination with pressure sets, and in rain water recovery and irrigation systems, etc.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron + Stainless steel
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: AISI304 SS, PPO if request
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SiC / Graphite
- ※ Bearings: 6202 RZ/6202 RZ (0.75HP&1HP)
6203 RZ/6204 RZ (1.5HP&2HP)
6204 RZ/6205 RZ (2.5HP, 3HP&3.3HP)

Construction

Motor

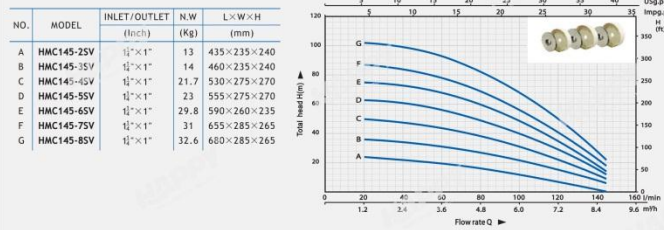
- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)	Q(L/min)	Flow rate Q									
		kw	HP			0	1.2	2.4	3.6	4.8	6.0	7.2	7.8	8.7	
A	HMC145-2SV	0.55	0.75	0	0	25	34	22	20	16	12	7	4	0	
B	HMC145-3SV	0.75	1	0	0	37	36	34	31	27	22	15	12	6	
C	HMC145-4SV	1.1	1.5	0	0	52	50	47	44	38	31	22	17	9	
D	HMC145-5SV	1.5	2	H	H	64	63	61	56	49	40	29	23	12	
E	HMC145-6SV	1.85	2.5	H	H	76	75	73	68	60	49	35	27	14	
F	HMC145-7SV	2.2	3	H	H	89	87	84	78	69	56	41	32	18	
G	HMC145-8SV	2.5	3.3	H	H	104	102	99	93	82	68	50	40	22	

HMC170-SV

Self-priming multistage pumps



Application

Suitable for use with clean water even where air is present and with liquids that are not chemically aggressive towards the materials from which the pump is made.

The pumps are designed to pump water even in cases where air is present. As a result of their quietness, reliability and low energy consumption they are recommended for use in domestic and civil applications such as the pressurisation and distribution of water in combination with pressure sets, and in rain water recovery and irrigation systems, etc.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron + Stainless steel
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: AISI304 SS
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SiC / Graphite
- ※ Bearings: 6202 RZ/6202 RZ (1HP&1.3HP)
6203 RZ/6204 RZ (1.8HP&2.2HP)
6204 RZ/6205 RZ (2.8HP&3.2HP)

Construction

Motor

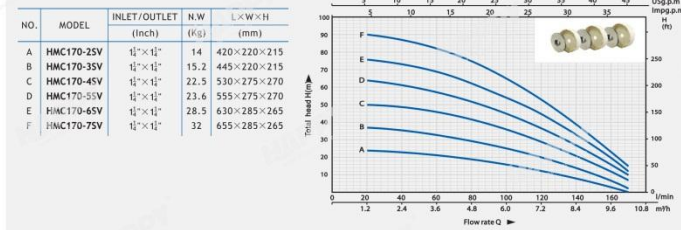
- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)	Q(L/min)	Flow rate Q									
		kw	HP			0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.2
A	HMC170-2SV	0.75	1	0	0	25	24	23	21	19	16	12	8	3	0
B	HMC170-3SV	1	1.3	0	0	38	37	35	33	29	25	20	14	7	2
C	HMC170-4SV	1.35	1.8	0	0	52	50	48	45	42	36	29	21	12	7
D	HMC170-5SV	1.65	2.2	H	H	65	64	61	57	52	45	37	27	16	10
E	HMC170-6SV	2.1	2.8	H	H	78	76	73	69	62	54	45	33	20	12
F	HMC170-7SV	2.4	3.2	H	H	92	90	87	82	75	65	53	39	23	15

HMC-VE

Multistage pumps



Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.

The high efficiency and adaptability of these pumps to even the most unusual of applications, makes them ideal for use in the domestic, civil and industrial sectors: in particular for the distribution of water in combination with pressure sets and for pressure boosting.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron + Stainless steel
- ※ Pump support: Cast iron
- ※ Motor housing: Alloy
- ※ Impeller: PPO, AISI304 SS if request
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC/Graphite
- ※ Bearings: 6204 RZ/6204 RZ

Construction

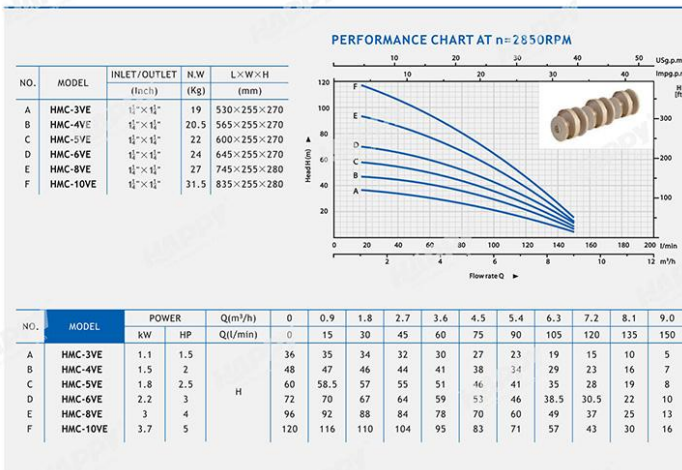
- ※ Cast iron + Stainless steel
- ※ Cast iron
- ※ Alloy
- ※ PPO, AISI304 SS if request
- ※ AISI304 SS
- ※ SIC/Graphite
- ※ 6204 RZ/6204 RZ

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



HMC-VF

Multistage pumps



Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.

The high efficiency and adaptability of these pumps to even the most unusual of applications, makes them ideal for use in the domestic, civil and industrial sectors: in particular for the distribution of water in combination with pressure sets and for pressure boosting.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron + Stainless steel
- ※ Pump support: Cast iron
- ※ Motor housing: Alloy
- ※ Impeller: PPO, AISI304 SS if request
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC/Graphite
- ※ Bearings: 6204 RZ/6204 RZ

Construction

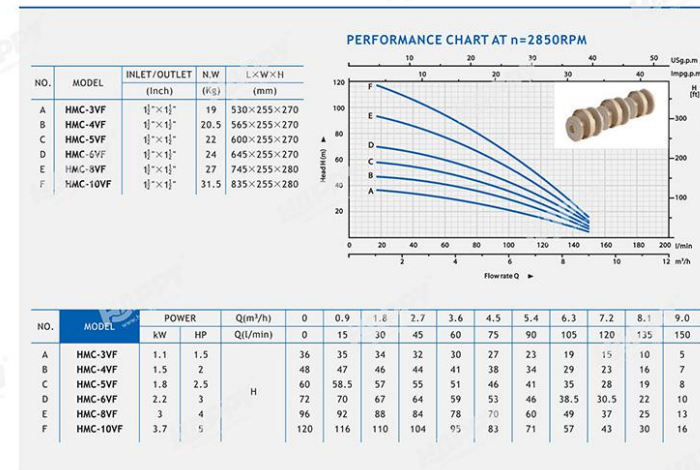
- ※ Cast iron + Stainless steel
- ※ Cast iron
- ※ Alloy
- ※ PPO, AISI304 SS if request
- ※ AISI304 SS
- ※ SIC/Graphite
- ※ 6204 RZ/6204 RZ

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



HSPA

Spa & swimming pool pumps



Application

Cold water cycle pump for all kinds of fresh and sea water farming, as well as the cycle system in swimming pools.
The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Techno-polymer
- ※ Pump support: Aluminum
- ※ Motor housing: Aluminum
- ※ Impeller: Techno-polymer
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6201 RZ/6201 RZ

Construction

- Techno-polymer
- Aluminum
- Aluminum
- Techno-polymer
- AISI304 SS
- Ceramic/Graphite
- 6201 RZ/6201 RZ

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 45°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



HSPA



HFC

Swimming pool pumps



Application

Filter centrifugal pumps are designed for cleaning swimming pool. They are suitable to transfer high volumes of water (not exceeding 45°C) against low head.
The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Techno-polymer
- ※ Pump support: Aluminum, Cast iron for HFC-1500/2200
- ※ Motor housing: Aluminum, Alloy for HFC-550/750
- ※ Impeller: Techno-polymer
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC/Graphite
- ※ Bearings: 6201 RZ/6201 RZ (0.75HP&1.1HP)
6202 RZ/6202 RZ (1.2HP&1.5HP)
6204 RZ/6204 RZ (2HP&3HP)

Construction

- Techno-polymer
- Aluminum, Cast iron for HFC-1500/2200
- Aluminum, Alloy for HFC-550/750
- Techno-polymer
- AISI304 SS
- SIC/Graphite
- 6201 RZ/6201 RZ (0.75HP&1.1HP)
- 6202 RZ/6202 RZ (1.2HP&1.5HP)
- 6204 RZ/6204 RZ (2HP&3HP)

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 45°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 8m



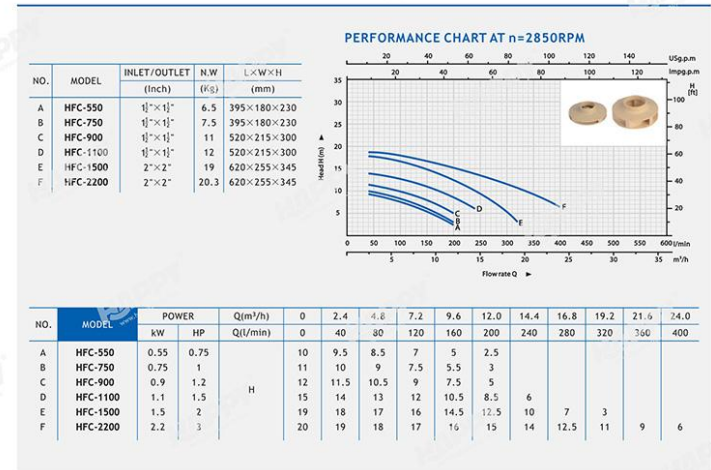
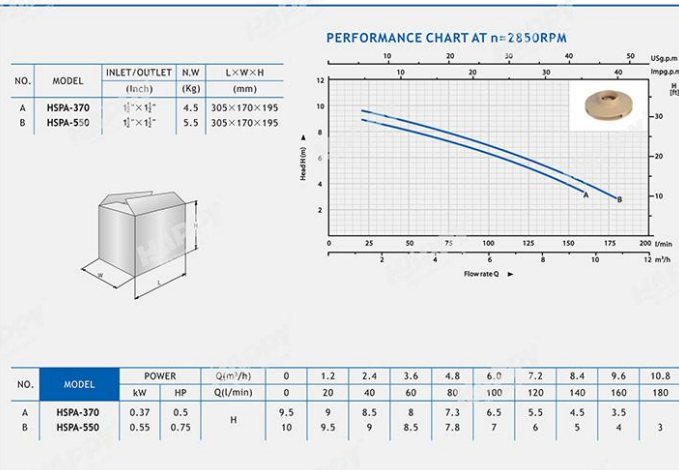
HFC-550/750



HFC-900/1100



HFC-1500/2200



JET

Self-priming Jet pumps



Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The self-priming jet pumps are designed to pump water even in cases where air is present. As a result of their reliability and the fact that they are easy to use, they are recommended for use in domestic applications such as the distribution of water in combination with small or medium sized pressure sets, and for the irrigation of gardens and allotments, etc. The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Diffuser: Noryl
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: SiC/Graphite
- ※ Bearings: 6202 RZ/6202 RZ

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 9m



JET-A

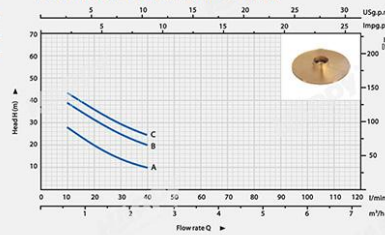


JET-B



JET-C

PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	INLET/OUTLET		N.W (Kg)	L×W×H (mm)
		(Inch)			
A	JET-60A/B/C	1"×1"		12.5	450×215×235
B	JET-80A/B/C	1"×1"		13.5	450×215×235
C	JET-100A/B/C	1"×1"		14.5	450×215×235



NO.	MODEL	POWER		Q(m³/h)		Q(l/min)		Q(m³/h)	
		kW	HP	0	0.6	1.2	1.8	2.4	
A	JET-60A/B/C	0.37	0.5	35	28	20	14	10	
B	JET-80A/B/C	0.55	0.75	48	39	31	25	20	
C	JET-100A/B/C	0.75	1	53	43.5	35.5	30	24	

JET

Self-priming Jet pumps



Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The self-priming jet pumps are designed to pump water even in cases where air is present. As a result of their reliability and the fact that they are easy to use, they are recommended for use in domestic applications such as the distribution of water in combination with small or medium sized pressure sets, and for the irrigation of gardens and allotments, etc. The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Diffuser: Noryl
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: SiC/Graphite
- ※ Bearings: 6204 RZ/6204 RZ

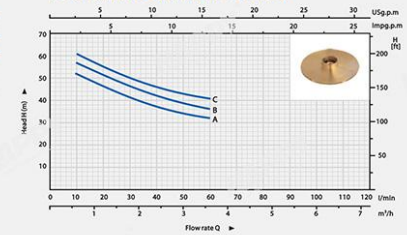
Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

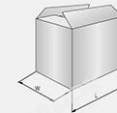


JET-150A/180A/200A

PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	INLET/OUTLET		N.W (Kg)	L×W×H (mm)
		(Inch)			
A	JET-150A	1"×1"		24.5	555×245×285
B	JET-180A	1½"×1"		25	555×245×285
C	JET-200A	1½"×1½"		26	555×245×285



NO.	MODEL	POWER		Q(m³/h)		Q(l/min)		Q(m³/h)	
		kW	HP	0	0.6	1.2	1.8	2.4	
A	JET-150A	0.9	1.2	56	52	46	41	37	
B	JET-180A	1.1	1.5	61	57	51	46	42	
C	JET-200A	1.5	2	66	61	55	50	46	

JET-S

Self-priming Jet pumps



Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The self-priming jet pumps are designed to pump water even in cases where air is present. As a result of their reliability and the fact that they are easy to use, and recommended for use in domestic applications such as the distribution of water in combination with small or medium sized pressure sets, and for the irrigation of gardens and allotments, etc. The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Diffuser: Noryl
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: SiC/Graphite
- ※ Bearings: 6202 RZ/6202 RZ

Construction

- ※ Cast iron
- ※ Cast iron
- ※ Aluminum
- ※ Brass
- ※ Noryl
- ※ Carbon steel, AISI304 SS if request
- ※ SiC/Graphite
- ※ 6202 RZ/6202 RZ



Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 9m

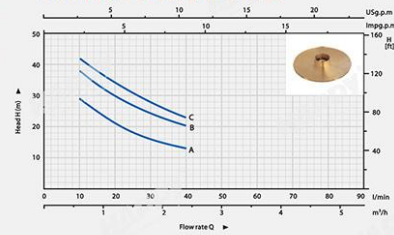


JET-S

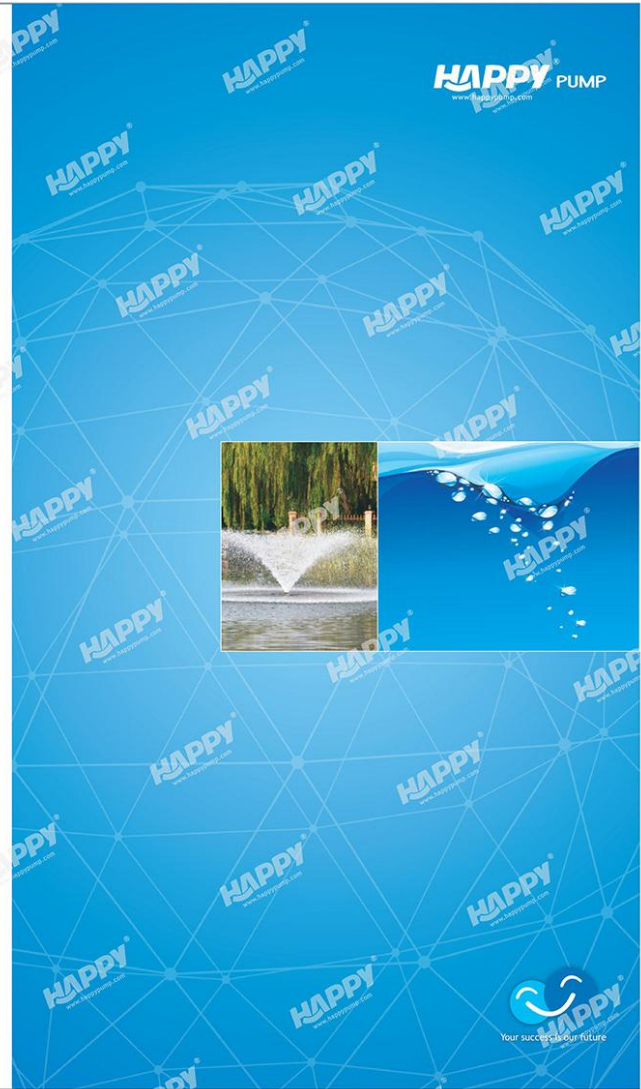
NO.	MODEL	INLET/OUTLET		N.W (Kg)	L×W×H (mm)
		(Inch)			
A	JET-605	1"×1"		12	390×200×230
B	JET-805	1"×1"		13	390×200×230
C	JET-1005	1"×1"		14	390×200×230



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)	0	0.6	1.2	1.8	2.4
		kW	HP						
A	JET-605	0.37	0.5	35	29	21	16	13	
B	JET-805	0.55	0.75	42	38	30	24	20	
C	JET-1005	0.75	1	45	42	34	28	23	



DP-A

Deep well self-priming Jet pumps



Application

Deep well self-priming water pumps installed above ground with the jet body submerged guarantees function even when the static level of the well water falls as far as 35 meters below the level of the installed pump. So they are extremely reliable, economical and simple to use and find many usages in domestic applications and the automatic distribution of water from small and medium-sized surge tanks, watering gardens, etc.

In all cases where the suction depth exceeds the normal capacity for surface pumps. Suitable for pumping clean water and liquid which are not chemically aggressive to the pump components. The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Diffuser: Noryl
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: SiC/Graphite
- ※ Bearings: 6204 RZ/6204 RZ

Construction

- ※ Cast iron
- ※ Cast iron
- ※ Aluminum
- ※ Brass
- ※ Noryl
- ※ Carbon steel, AISI304 SS if request
- ※ SiC/Graphite
- ※ 6204 RZ/6204 RZ

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C



NO.	MODEL	INLET/OUTLET		N.W	L×W×H
		(Inch)	(Kg)		
A	DP-505A	(1 1/2"×1")×1"	26	505×255×290	
B	DP-750A	(1 1/2"×1")×1"	27	505×255×290	



NO.	MODEL	POWER		Q(L/h)	TOTAL MANOMETRIC HEAD IN METERS(m)														
		kW	HP		0	120	240	360	480	600	840	960	1080	1200	1320	1440	1560	1680	1800
A1	DP-505A	1.1	1.5	15	55	52	49	46	42	38	34	30	28	23	20	18			
B1	DP-750A	1.5	2	15	70	68	62	58	53	50	47	44	41	28	35	32	30	28	26
A2	DP-505A	1.1	1.5	20	50	47	43	40	35	32	28	25	22						
B2	DP-750A	1.5	2	20	65	60	56	52	48	45	42	38	35						
A3	DP-505A	1.1	1.5	25	40	35	32	28	25	21	19								
B3	DP-750A	1.5	2	25	60	55	50	45	43	40	35	32							
A4	DP-505A	1.1	1.5	30	35	32	28	25	22										
B4	DP-750A	1.5	2	30	55	50	46	42	40	36									
A5	DP-505A	1.1	1.5	35	30	27	24	20											
B5	DP-750A	1.5	2	35	50	46	41	37											



DP-C

Deep well self-priming Jet pumps



Application

Deep well self-priming water pumps installed above ground with the jet body submerged guarantees function even when the static level of the well water falls as far as 35 meters below the level of the installed pump. So they are extremely reliable, economical and simple to use and find many usages in domestic applications and the automatic distribution of water from small and medium-sized surge tanks, watering gardens, etc.

In all cases where the suction depth exceeds the normal capacity for surface pumps. Suitable for pumping clean water and liquid which are not chemically aggressive to the pump components. The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: Cast iron
- ※ Pump support: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: Brass
- ※ Diffuser: Noryl
- ※ Motor shaft: Carbon steel, AISI304 SS if request
- ※ Mechanical seal: SiC/Graphite
- ※ Bearings: 6204 RZ/6204 RZ

Construction

- ※ Cast iron
- ※ Cast iron
- ※ Aluminum
- ※ Brass
- ※ Noryl
- ※ Carbon steel, AISI304 SS if request
- ※ SiC/Graphite
- ※ 6204 RZ/6204 RZ

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C



NO.	MODEL	INLET/OUTLET		N.W	L×W×H
		(Inch)	(Kg)		
A	DP-1100C	(1 1/2"×1")×1"	31	645×250×280	
B	DP-1500C	(1 1/2"×1")×1"	32	645×250×280	
C	DP-2200C	(1 1/2"×1")×1"	32.5	645×250×280	



NO.	MODEL	POWER		Q(L/h)	TOTAL MANOMETRIC HEAD IN METERS(m)													
		kW	HP		0	500	1000	1500	2000	2500	3000	3500	4000					
A1	DP-1100C	1.1	1.5	15	30	27	25	23	20	19	15	12						
B1	DP-1500C	1.5	2	15	40	36	32	29	25	22	18	15						
C1	DP-2200C	2.2	3	15	50	46	42	39	35	32	28	25	20					
A2	DP-1100C	1.1	1.5	20	25	22	19	15										
B2	DP-1500C	1.5	2	20	35	30	26	22										
C2	DP-2200C	2.2	3	20	45	42	38	35										
A3	DP-1100C	1.1	1.5	25	20	22	18											
B3	DP-1500C	1.5	2	25	30	26	23											
C3	DP-2200C	2.2	3	25	40	36	32											
A4	DP-1100C	1.1	1.5	30	15	12												
B4	DP-1500C	1.5	2	30	25	22												
C4	DP-2200C	2.2	3	30	35	32	28											



SJET

Garden Jet pumps



Application

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The self-priming jet pumps are designed to pump water even in cases where air is present. As a result of their reliability and the fact that they are easy to use, they are recommended for use in domestic applications such as the distribution of water in combination with small or medium sized pressure sets, and for the irrigation of gardens and allotments, etc. The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

Component

- ※ Pump body: AISI304 SS
- ※ Pump support: Aluminum
- ※ Motor housing: Aluminum
- ※ Impeller: Brass, AISI304 SS if request
- ※ Diffuser: Noryl
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC / Graphite
- ※ Bearings: 6202 RZ/6202 RZ

Construction

- ※ Pump body: AISI304 SS
- ※ Pump support: Aluminum
- ※ Motor housing: Aluminum
- ※ Impeller: Brass, AISI304 SS if request
- ※ Diffuser: Noryl
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC / Graphite
- ※ Bearings: 6202 RZ/6202 RZ



SJET-A



SJET-B



SJET-C

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP44
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

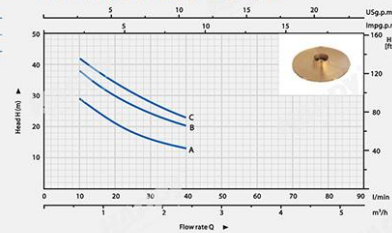
Operating conditions

- ※ Liquid temperature up to 60°C
- ※ Ambient temperature up to 40°C
- ※ Total suction lift up to 9m

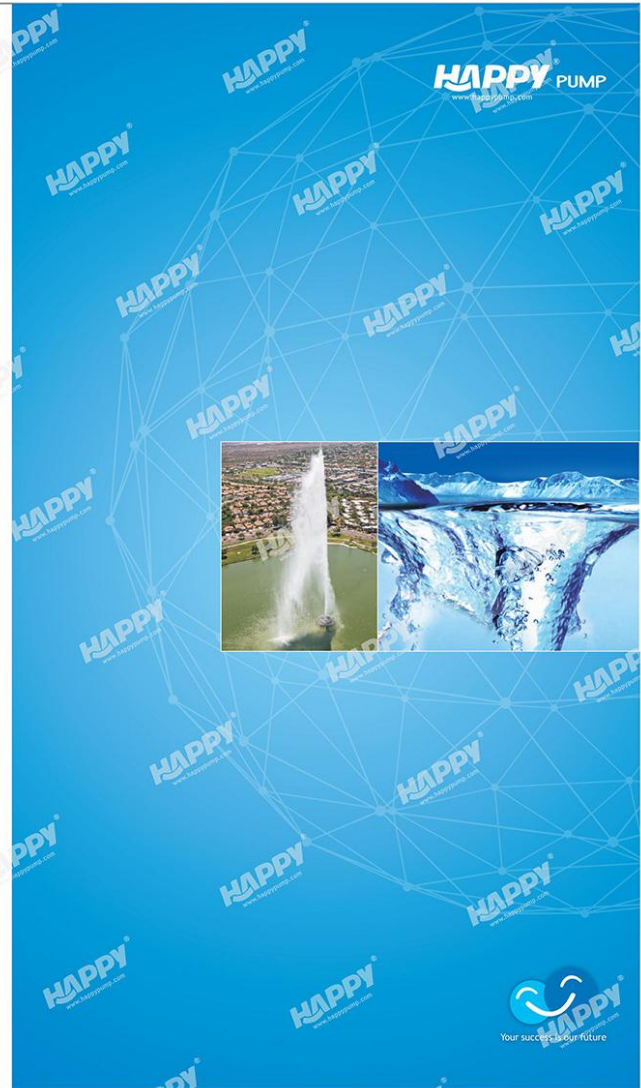
NO.	MODEL	INLET/OUTLET	N.W	L×W×H
		(Inch)	(Kg)	(mm)
A	SJET-60A/B/C	1"×1"	7	410×220×235
B	SJET-80A/B/C	1"×1"	7.5	410×220×235
C	SJET-100A/B/C	1"×1"	8.5	410×220×235



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)	Q(l/min)	0	0.6	1.2	1.8	2.4
		kW	HP							
A	SJET-60A/B/C	0.37	0.5	35	29	21	16	13		
B	SJET-80A/B/C	0.55	0.75	42	38	30	24	20		
C	SJET-100A/B/C	0.75	1	45	42	34	28	23		



QDP-A/B

Submersible pumps



Application

Suitable for use with clean water that does not contain abrasive particles.
As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as domestic, gardening, irrigation and emptying tanks.

Component

- ※ Pump body: Technopolymer
- ※ Suction filter: Technopolymer
- ※ Impeller: Noryl
- ※ Motor shaft: AISI304 SS, AISI420 SS for QDP-B
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6201 RZ/6201 RZ
- ※ Cable: 6m power cable with plug

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

Motor

- ※ 3m maximum Immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C

Operating conditions

- ※ 3m maximum Immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C



QDP-A

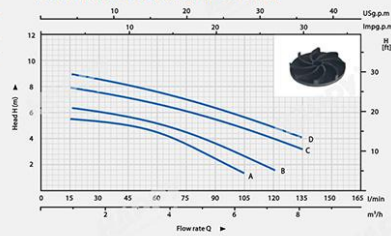


QDP-B

NO.	MODEL	OUTLET	N.W (Kg)	L×W×H (mm)
		(Inch)		
A	QDP-250A/B	1 1/2"	4.1	215×180×325
B	QDP-400A/B	1 1/2"	4.3	215×180×325
C	QDP-550A/B	1 1/2"	4.5	215×180×325
D	QDP-750A/B	1 1/2"	5	215×180×325



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)	Q(l/min)												
		kw	HP		0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8.1			
A	QDP-250A/B	0.25	0.34		6	5.5	5.3	5	4.4	3.5	2.6	1.2					
B	QDP-400A/B	0.4	0.55	H	7	6.5	6	5.5	5	4.5	3.8	2.8	1.5				
C	QDP-550A/B	0.55	0.75		9	8	7.5	7	6.5	6	5.5	5	4	3			
D	QDP-750A/B	0.75	1		10	9	8.5	8	7.5	7	6.5	5.6	4.8	4			

QDP-C

Submersible pumps



Application

Suitable for use with clean water that does not contain abrasive particles.
As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as domestic, gardening, irrigation and emptying tanks.

Component

- ※ Pump body: Technopolymer
- ※ Suction filter: Technopolymer
- ※ Impeller: Noryl
- ※ Motor shaft: AISI420 SS
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6201 RZ/6201 RZ
- ※ Cable: 5m power cable with plug

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

Motor

- ※ 3m maximum Immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C

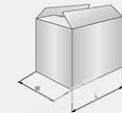
Operating conditions

- ※ 3m maximum Immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C

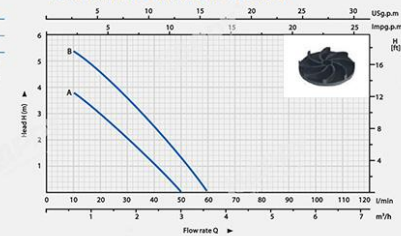


QDP-C

NO.	MODEL	OUTLET	N.W (Kg)	L×W×H (mm)
		(Inch)		
A	QDP-200C	1"	3.5	170×170×320
B	QDP-250C	1"	3.8	170×170×320



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)	Q(l/min)								
		kw	HP		0	0.6	1.2	1.8	2.4	3.0			
A	QDP-200C	0.2	0.27		4.5	3.8	3	2.1	1.1				
B	QDP-250C	0.25	0.34	H	5.5	5.2	4.6	3.6	2.5	1.3			

QDP-S

Submersible pumps



Application

Suitable for use with clean water that does not contain abrasive particles.
As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as domestic, gardening, irrigation and emptying tanks.

Component

- ※ Pump body: Technopolymer & AISI304 SS
- ※ Suction filter: Technopolymer
- ※ Impeller: Noryl
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC/Graphite
- ※ Bearings: 6202 RZ/6203 RZ
- ※ Cable: 12m power cable with plug

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

Motor

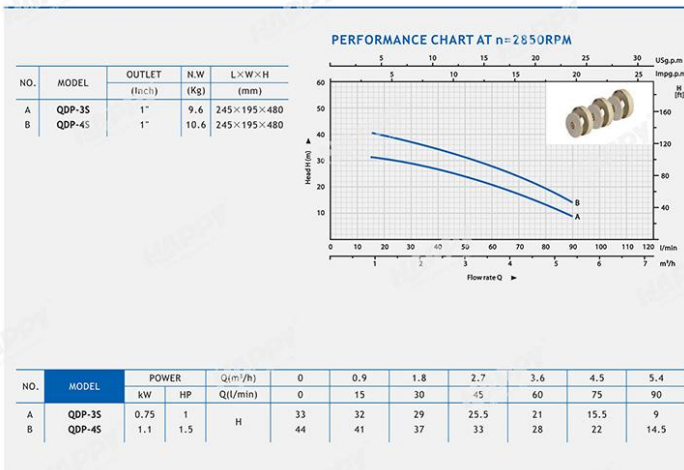
- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

Operating conditions

- ※ 5m maximum immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C



QDP-S



QDP-AW/BW

Submersible sewage pumps



Application

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made.
As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing suspended solids up to a maximum of ϕ 8mm.

Component

- ※ Pump body: Technopolymer
- ※ Suction filter: Technopolymer
- ※ Impeller: Noryl
- ※ Motor shaft: AISI304 SS, AISI420 SS for QDP-BW
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6201 RZ/6201 RZ
- ※ Cable: 6m power cable with plug

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

Operating conditions

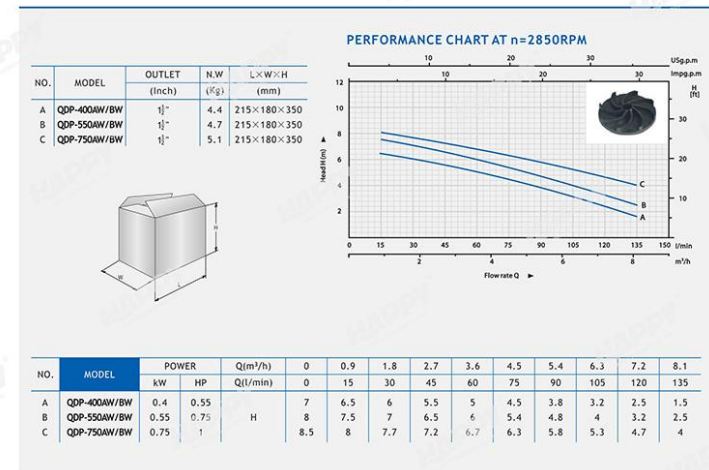
- ※ 3m maximum immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C



QDP-AW



QDP-BW



QDS-A/C/D

Submersible pumps



Application

Suitable for use with clean water that does not contain abrasive particles. As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as domestic, gardening, irrigation and emptying tanks.

Component

- ※ Pump body:
- ※ Suction filter:
- ※ Impeller:
- ※ Motor shaft:
- ※ Mechanical seal:
- ※ Bearings:
- ※ Cable:

Construction

- AISI304 SS
- Technopolymer for QDS-A, AISI304 SS for QDS-C/D
- Noryl
- AISI304 SS
- Ceramic/Graphite
- 6201 RZ/6201 RZ
- 6m power cable with plug

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

Operating conditions

- ※ 3m maximum Immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C



QDS-AW

Submersible sewage pumps



Application

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made. As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing suspended solids up to a maximum of ϕ 8mm.

Component

- ※ Pump body:
- ※ Motor housing:
- ※ Suction filter:
- ※ Impeller:
- ※ Motor shaft:
- ※ Mechanical seal:
- ※ Bearings:
- ※ Cable:

Construction

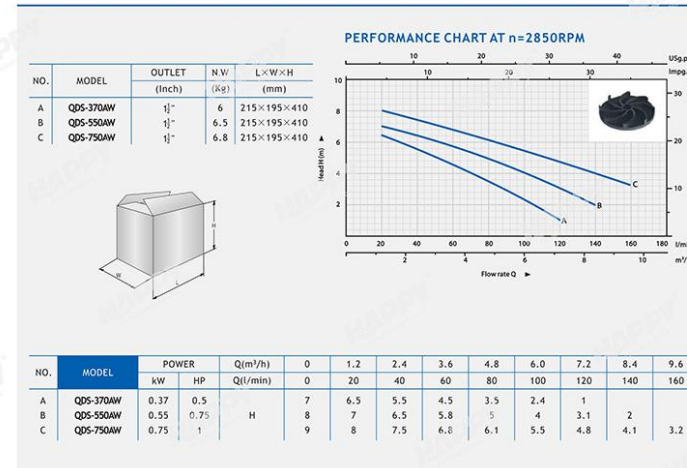
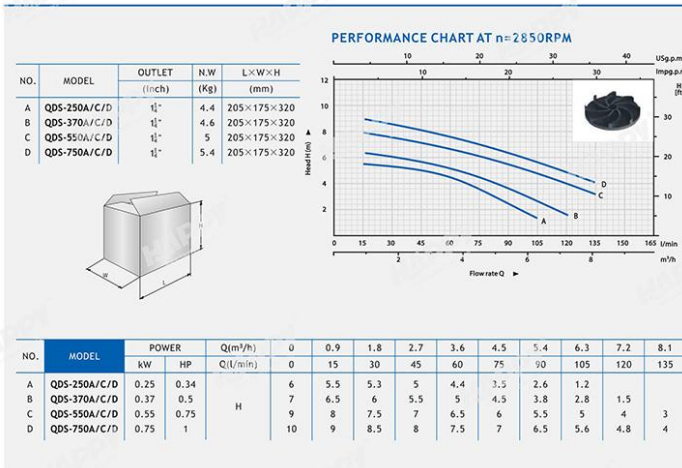
- PP
- AISI304 SS
- Technopolymer
- PA, AISI304 SS if request
- AISI304 SS
- Ceramic/Graphite
- 6201 RZ/6201 RZ
- 6m power cable with plug

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

Operating conditions

- ※ 3m maximum immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C



QDS-BW

Submersible sewage pumps



Application

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made.

As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing suspended solids up to a maximum of ϕ 8mm.

Component

- ※ Pump body: PP
- ※ Motor housing: AISI304 SS
- ※ Suction filter: Technopolymer
- ※ Impeller: PA, AISI304 SS if request
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6201 RZ/6201 RZ
- ※ Cable: 6m power cable with plug

Construction

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

Operating conditions

- ※ 3m maximum immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C

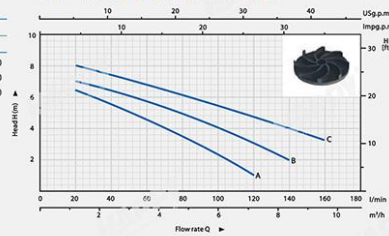


QDS-BW

NO.	MODEL	OUTLET	N.W	L×W×H
		(Inch)		
A	QDS-370BW	1 1/2"	6.5	240×240×390
B	QDS-550BW	1 1/2"	6.8	240×240×390
C	QDS-750BW	1 1/2"	7	240×240×390



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m ³ /h)														
		kW	HP	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6						
A	QDS-370BW	0.37	0.5	0	7	6.5	5.5	4.5	3.5	2.4	1							
B	QDS-550BW	0.55	0.75	H	8	7	6.5	5.8	5	4	3.1	2						
C	QDS-750BW	0.75	1		9	8	7.5	6.8	6.1	5.5	4.8	4.1	3.2					

QDS-CW/DW

Submersible sewage pumps



Application

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made.

As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing suspended solids up to a maximum of ϕ 8mm.

Component

- ※ Pump body: AISI304 SS
- ※ Suction filter: AISI304 SS
- ※ Impeller: AISI304 SS
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: Ceramic/Graphite
- ※ Bearings: 6201 RZ/6201 RZ
- ※ Cable: 6m power cable with plug

Construction

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector
- ※ Single-phase 220V/50Hz, 60Hz if request

Operating conditions

- ※ 3m maximum immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C

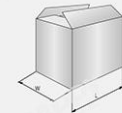


QDS-CW

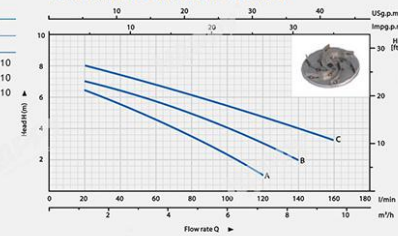


QDS-DW

NO.	MODEL	OUTLET	N.W	L×W×H
		(Inch)		
A	QDS-370CW/DW	1 1/2"	6	215×195×410
B	QDS-550CW/DW	1 1/2"	6.5	215×195×410
C	QDS-750CW/DW	1 1/2"	6.8	215×195×410



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m ³ /h)														
		kW	HP	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6						
A	QDS-370CW/DW	0.37	0.5	0	7	6.5	5.5	4.5	3.5	2.4	1							
B	QDS-550CW/DW	0.55	0.75	H	8	7	6.5	5.8	5	4	3.1	2						
C	QDS-750CW/DW	0.75	1		9	8	7.5	6.8	6.1	5.5	4.8	4.1	3.2					

QDX-FA/FB

Submersible pumps



Application

Suitable for use with clean water that does not contain abrasive particles. As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as domestic, gardening, irrigation and emptying tanks.

Motor

- Two-pole induction motor (n=2850 r.p.m)
- Insulation Class B
- Protection IP68
- Continuous service S1
- Thermal protector
- Single-phase 220V/50Hz, 60Hz if request

Component

- Pump body:** Cast iron
- Motor housing:** Aluminum
- Impeller:** Aluminum
- Motor shaft:** Carbon steel, AISI304 SS if request
- Mechanical seal:** Ceramic/Graphite
- Bearings:** 6201 RZ/6201 RZ (6202 RZ) (0.5HP), 6202 RZ/6203 RZ (0.75HP&1HP)
- Cable:** 8m power cable with plug

Construction

- Cast iron
- Aluminum
- Aluminum
- Carbon steel, AISI304 SS if request
- Ceramic/Graphite
- 6201 RZ/6201 RZ (6202 RZ) (0.5HP), 6202 RZ/6203 RZ (0.75HP&1HP)
- 8m power cable with plug

Operating conditions

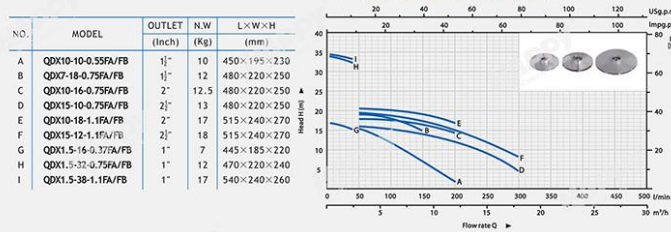
- 5m maximum immersion depth
- Liquid temperature up to 35°C
- Maximum ambient temperature 40°C



QDX-FA

QDX-FB

PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)		Q(l/min)		Q(m³/h)		Q(l/min)		
		kW	HP	0	3.0	6.0	9.0	12.0	15.0	18.0	21.0	24.0
A	QDX10-10-0.55FA/FB	0.55	0.75	17.5	15.5	12	7	2				
B	QDX7-18-0.75FA/FB	0.75	1	19.8	19	18	15					
C	QDX10-16-0.75FA/FB	0.75	1	18.8	18	17.5	16.5	14.3				
D	QDX15-10-0.75FA/FB	0.75	1	16.8	16	15	14	12	9	4.8		
E	QDX10-18-1.1FA/FB	1.1	1.5	21.5	20.5	20	18.8	16.8				
F	QDX15-12-1.1FA/FB	1.1	1.5	20.5	19.5	18.3	17.2	15	12	8		

NO.	MODEL	POWER		Q(m³/h)		Q(l/min)		Q(m³/h)		Q(l/min)		
		kW	HP	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4
G	QDX1.5-16-0.37FA/FB	0.37	0.5	17	16.8	16.7	16.6	16.4	16.2	15.8	15.4	15.1
H	QDX1.5-32-0.75FA/FB	0.75	1	34	33.9	33.7	33.6	33.5	33.3	33	32.7	32.4
I	QDX1.5-38-1.1FA/FB	1.1	1.5	34.5	34.4	34.3	34.2	34	33.8	33.7	33.5	33.2

QDX-FH

Submersible pumps



Application

Suitable for use with clean water that does not contain abrasive particles. As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as domestic, gardening, irrigation and emptying tanks.

Motor

- Two-pole induction motor (n=2850 r.p.m)
- Insulation Class B
- Protection IP68
- Continuous service S1
- Thermal protector
- Single-phase 220V/50Hz, 60Hz if request

Component

- Pump body:** Cast iron
- Motor housing:** Aluminum
- Impeller:** Aluminum
- Motor shaft:** Carbon steel, AISI304 SS if request
- Mechanical seal:** Ceramic/Graphite
- Bearings:** 6201 RZ/6201 RZ (6202 RZ) (0.5HP), 6202 RZ/6203 RZ (0.75HP&1HP)
- Cable:** 8m power cable with plug

Construction

- Cast iron
- Aluminum
- Aluminum
- Carbon steel, AISI304 SS if request
- Ceramic/Graphite
- 6201 RZ/6201 RZ (6202 RZ) (0.5HP), 6202 RZ/6203 RZ (0.75HP&1HP)
- 8m power cable with plug

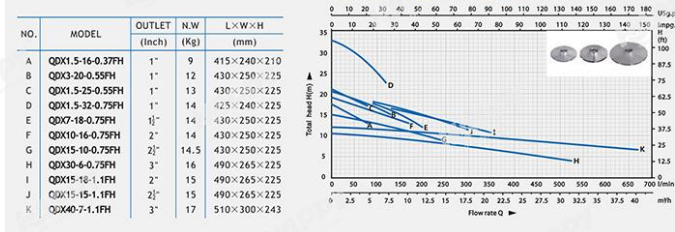
Operating conditions

- 5m maximum immersion depth
- Liquid temperature up to 35°C
- Maximum ambient temperature 40°C



QDX-FH

PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)		Q(l/min)		Q(m³/h)		Q(l/min)		
		kW	HP	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6
A	QDX1.5-16-0.37FH	0.37	0.5	17.5	16.6	16	15	13				
B	QDX3-20-0.55FH	0.55	0.75	20.5	20	19.5	18.5	17.5	16.5	15.5	14.5	
C	QDX1.5-25-0.55FH	0.55	0.75	21	20.5	19	18	17	16	15	14	
D	QDX1.5-32-0.75FH	0.75	1	32.5	31.5	30.5	29	27.5	25.5	23	18.5	

NO.	MODEL	POWER		Q(m³/h)		Q(l/min)		Q(m³/h)		Q(l/min)		
		kW	HP	0	4.5	9.0	13.5	18.0	22.5	27.0	31.5	36.0
E	QDX7-18-0.75FH	0.75	1	20	19	18.5	18	17	16	15	14	13
F	QDX10-16-0.75FH	0.75	1	19	17	16.5	16	15	14	13	12	11
G	QDX15-10-0.75FH	0.75	1	15	14	13.5	13	12	11	10	9	8
H	QDX30-6-0.75FH	0.75	1	10.5	10.2	10	9.5	9	8.5	8	7.5	7
I	QDX15-18-1.1FH	1.1	1.5	19	17.5	16	14.5	12	10			
J	QDX15-15-1.1FH	1.1	1.5	20	19.5	18	16	13.5	11			
K	QDX40-7-1.1FH	1.1	1.5	12	11.5	11.2	11	10.5	9.7	9.2	8.3	7.5

QDX-A

Submersible pumps



Application

Suitable for use in civil and agricultural applications. The high efficiency and continuous duty capabilities makes these pumps ideal for use in activities such as flood and spray irrigation, gardening, agriculture, drawing water from lakes, rivers and wells, or for any number of different industrial applications where the characteristics of high head and mid flow rates are required.

Component

- ※ Pump body: Cast iron
- ※ Motor housing: AISI304 SS
- ※ Impeller: Brass, Cast iron for multistage models
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC-SiC/Ceramic-Graphite
- ※ Bearings: 6201 RZ/6203 RZ, 6202 RZ/6004 RZ (multistage models)
- ※ Cable: 12m power cable with plug

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

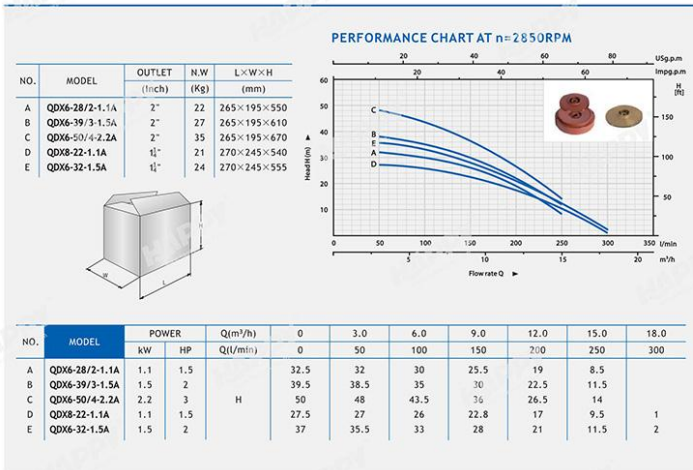
Operating conditions

- ※ 5m maximum Immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C



QDX6-28/2-1.1A

QDX8-22-1.1A



WQD-A

Submersible sewage pumps



Application

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made. As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing particulate up to a maximum of ϕ 20mm.

Component

- ※ Pump body: Cast iron
- ※ Motor housing: AISI304 SS
- ※ Impeller: Cast iron
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC-SiC/Ceramic-Graphite
- ※ Cable: 6m power cable with plug

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

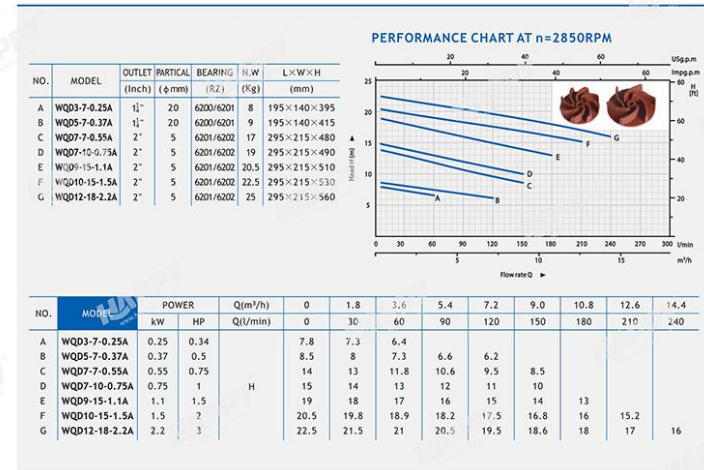
Operating conditions

- ※ 5m maximum Immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C



WQD10-15-1.5A

WQD5-7-0.37A



HVT-F

Submersible sewage pumps



Application

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made.

As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing partial up to a maximum of ϕ 35mm.

Component

- ※ Pump body: Cast iron
- ※ Motor housing: AISI304 SS
- ※ Impeller: Cast iron
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC-SiC/Ceramic-Graphite
- ※ Cable: 6m power cable with plug

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Motor

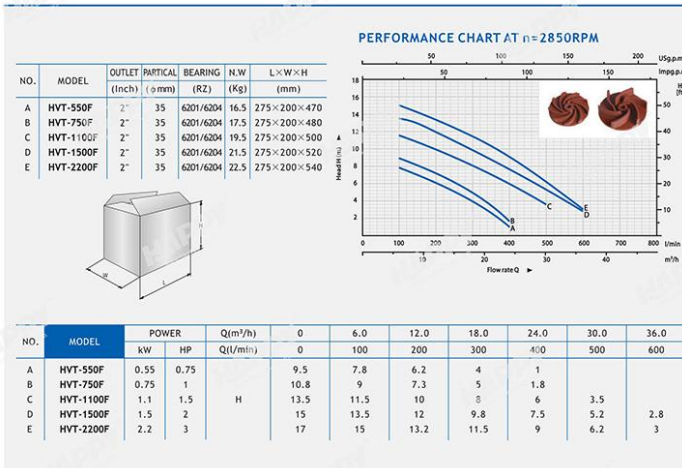
- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ 5m maximum immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C



HVT-F



VTX-F

Submersible sewage pumps



Application

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made.

As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing partial up to a maximum of ϕ 35mm.

Component

- ※ Pump body: Cast iron
- ※ Motor housing: AISI304 SS
- ※ Impeller: Cast iron
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC-SiC/Ceramic-Graphite
- ※ Cable: 6m power cable with plug

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Motor

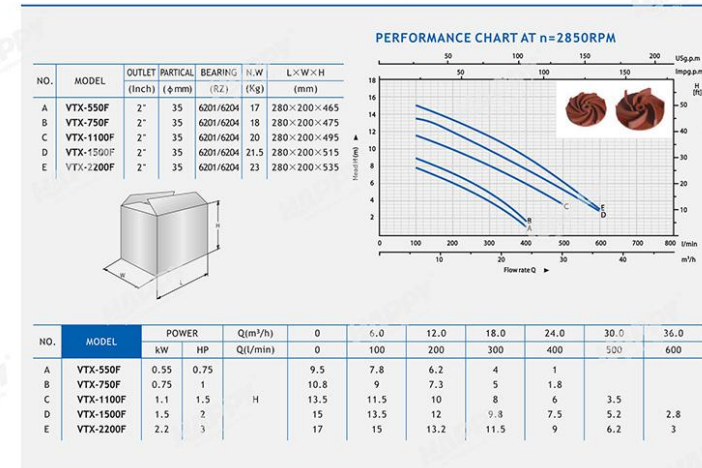
- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ 5m maximum immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C



VTX-F



WQDR

Submersible sewage pumps



Application

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made.

As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing partial up to a maximum of ϕ 20mm.

Component

- ※ Pump body: Cast iron
- ※ Motor housing: AISI304 SS
- ※ Impeller: Cast iron
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC-SIC/Ceramic-Graphite
- ※ Cable: 6m power cable with plug

Construction

- ※ Cast iron
- ※ AISI304 SS
- ※ Cast iron
- ※ AISI304 SS
- ※ SIC-SIC/Ceramic-Graphite
- ※ 6m power cable with plug

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

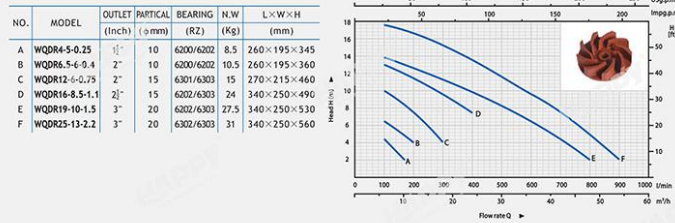
Operating conditions

- ※ 5m maximum Immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C



Cast iron ,
PA if request

PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)	Flow rate Q														
		kw	HP		0	6.0	12.0	18.0	24.0	30.0	36.0	42.0	48.0	54.0					
				0	100	200	300	400	500	600	700	800	900						
A	WQDR4-5-0.25	0.25	0.34		8.5	4.5													
B	WQDR6-5-6-0.4	0.4	0.55		9.5	6.5	4												
C	WQDR12-6-0.75	0.75	1		12	10	7.5	4											
D	WQDR16-8.5-1.1	1.1	1.5	H	15	13	11.5	9.5	7.5										
E	WQDR19-10-1.5	1.5	2		15	13.8	12.5	11.5	10	8.5	7	5	2						
F	WQDR25-13-2.2	2.2	3		19	17.5	16.5	15.5	13.5	11.5	9.5	7.5	5	2					

WQDR-B

Submersible sewage pumps



Application

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made.

As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing partial up to a maximum of ϕ 15mm.

Component

- ※ Pump body: Cast iron
- ※ Motor housing: AISI304 SS
- ※ Impeller: Cast iron
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC-SIC/Ceramic-Graphite
- ※ Cable: 6m power cable with plug

Construction

- ※ Cast iron
- ※ AISI304 SS
- ※ Cast iron
- ※ AISI304 SS
- ※ SIC-SIC/Ceramic-Graphite
- ※ 6m power cable with plug

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

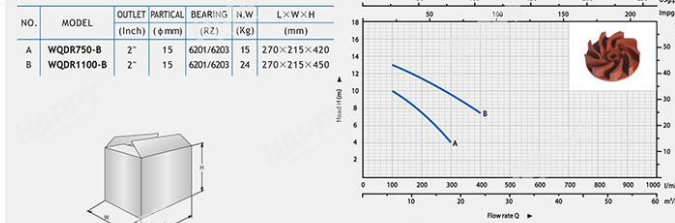
Operating conditions

- ※ 5m maximum immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C



WQDR-B

PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)	Flow rate Q							
		kw	HP		0	6.0	12.0	18.0	24.0			
				0	100	200	300	400				
A	WQDR750-B	0.75	1		12	10	7.5	4				
B	WQDR1100-B	1.1	1.5	H	15	13	11.5	9.5	7.5	5	2	

H1500F

Submersible sewage pumps



Application

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made.

As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing partial up to a maximum of ϕ 15mm.

Component

- ※ Pump body: Cast iron
- ※ Motor housing: AISI304 SS
- ※ Impeller: Cast iron
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC-SiC/Ceramic-Graphite
- ※ Cable: 8m power cable with plug

Construction

- ※ Cast iron
- ※ AISI304 SS
- ※ Cast iron
- ※ AISI304 SS
- ※ SIC-SiC/Ceramic-Graphite
- ※ 8m power cable with plug

Motor

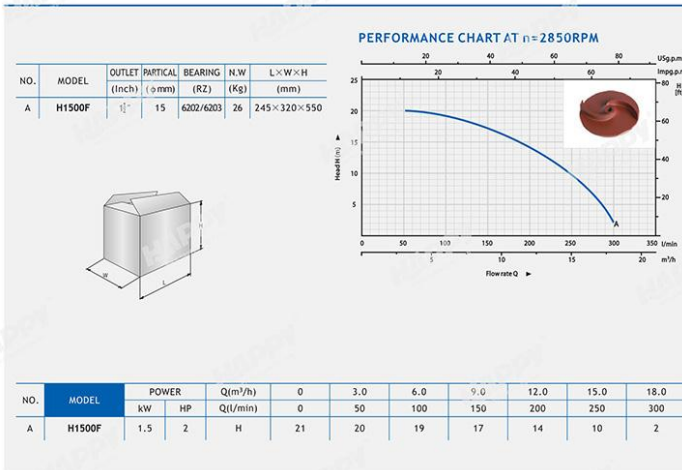
- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ 5m maximum Immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C



H1500F



H2200F

Submersible sewage pumps



Application

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made.

As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing partial up to a maximum of ϕ 15mm.

Component

- ※ Pump body: Cast iron
- ※ Motor housing: AISI304 SS
- ※ Impeller: Cast iron
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC-SiC/Ceramic-Graphite
- ※ Cable: 8m power cable with plug

Construction

- ※ Cast iron
- ※ AISI304 SS
- ※ Cast iron
- ※ AISI304 SS
- ※ SIC-SiC/Ceramic-Graphite
- ※ 8m power cable with plug

Motor

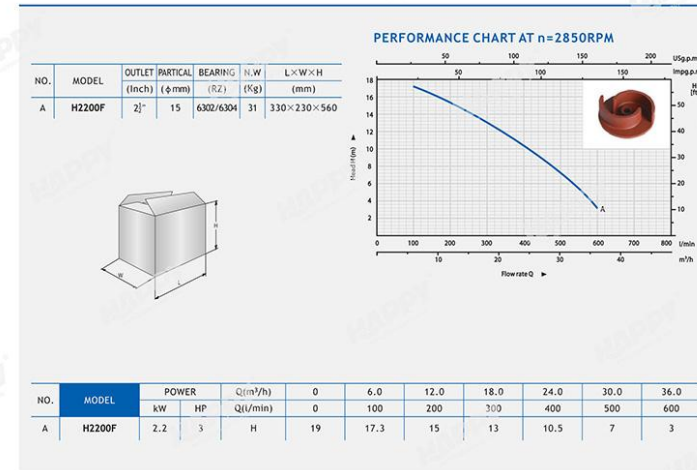
- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ 5m maximum Immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C



H2200F



H800F~H2250F

Submersible sewage pumps



Application

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made.

As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing partial up to a maximum of ϕ 40mm.

Component

- ※ Pump body: Cast iron
- ※ Motor housing: AISI304 SS
- ※ Impeller: Cast iron
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC-SiC/Ceramic-Graphite
- ※ Cable: 8m power cable with plug

Construction

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

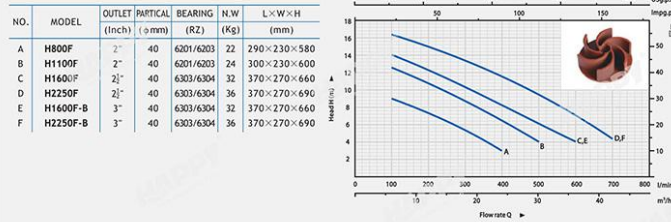
Operating conditions

- ※ 5m maximum Immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C



H1100F

PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)		Q(L/min)		0		6.0		12.0		18.0		24.0		30.0		36.0		42.0	
		kW	HP	0	100	200	300	400	500	600	700	0	100	200	300	400	500	600	700	0	100	200	300
A	H800F	0.8	1.1	10	9	7.5	5.2	3															
B	H1100F	1.1	1.5	13.5	12.5	11	8.8	6.5	4														
C	H1600F	1.5	2	15	14	12.5	10.3	8	6	4													
D	H2250F	2.2	3	17.5	16.3	15	13.5	11.6	9.3	7	4.5												
E	H1600F-B	1.5	2	15	14	12.5	10.3	8	6	4													
F	H2250F-B	2.2	3	17.5	16.3	15	13.5	11.6	9.3	7	4.5												

SDP

Submersible sewage pumps



Application

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made.

As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing partial up to a maximum of ϕ 10mm.

Component

- ※ Pump body: PPS
- ※ Motor housing: AISI304 SS
- ※ Impeller: PPO
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC-SiC/Ceramic-Graphite
- ※ Cable: 6m power cable with plug

Construction

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

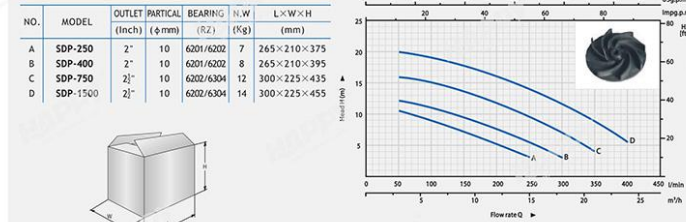
Operating conditions

- ※ 5m maximum immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C



SDP

PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)		Q(L/min)		0		3.0		6.0		9.0		12.0		15.0		18.0		21.0		24.0	
		kW	HP	0	50	100	150	200	250	300	350	400	0	50	100	150	200	250	300	350	400	0	100	200	300
A	SDP-250	0.25	0.34	12	10.5	9	7	5	3																
B	SDP-400	0.4	0.55	13	12	11	9.5	7.5	5.2	3															
C	SDP-750	0.75	1	18	16	14.5	13.2	12	9.8	6.8	4														
D	SDP-1500	1.5	2	22	20	19	17.5	16	14	11.5	9	5.5													

HWD

Submersible sewage pumps



Application

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made.

As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing partial up to a maximum of ϕ 30mm.

Component

- ※ Pump body: AISI304 SS
- ※ Motor housing: AISI304 SS
- ※ Impeller: AISI304 SS
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: Alloy/Ceramic-Graphite
- ※ Cable: 6m power cable with plug

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

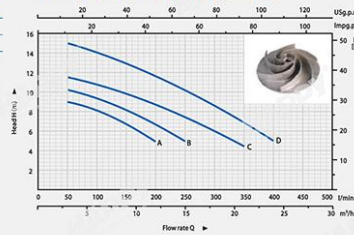
- ※ 5m maximum immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C



HWD

PERFORMANCE CHART AT n=2850RPM

NO.	MODEL	OUTLET (Inch)	PARTICAL (φmm)	BEARING (RZ)	N.W (Kg)	L×W×H (mm)
A	HWD-550S	1 ¹ / ₂ "	30	6202/6203	11	260×260×490
B	HWD-750S	1 ¹ / ₂ "	30	6202/6203	12	260×260×495
C	HWD-1100S	2"	30	6202/6302	13	270×270×500
D	HWD-1500S	2"	30	6202/6302	15	270×270×530



NO.	MODEL	POWER		Q(m³/h)	Flow rate Q (m³/h)									
		kW	HP		0	3.0	6.0	9.0	12.0	15.0	18.0	21.0	24.0	
A	HWD-550S	0.55	0.75		0	3.0	6.0	9.0	12.0	15.0	18.0	21.0	24.0	
B	HWD-750S	0.75	1		0	50	100	150	200	250	300	350	400	
C	HWD-1100S	1.1	1.5	H	12	11.8	10.8	9.8	8.5	7.5	6	4.5		
D	HWD-1500S	1.5	2		16	15	14	13	11.5	10.2	8.8	7	5	

HQD

Submersible sewage pumps



Application

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made.

As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing partial up to a maximum of ϕ 30mm.

Component

- ※ Pump body: Cast Iron
- ※ Motor housing: AISI304 SS
- ※ Impeller: AISI304 SS
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: Alloy/Ceramic-Graphite
- ※ Cable: 6m power cable with plug

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

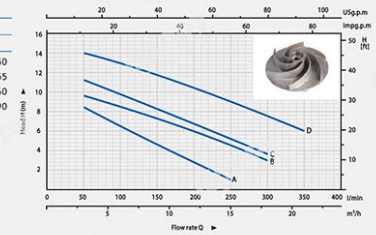
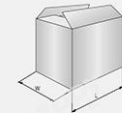
- ※ 5m maximum immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C



HQD

PERFORMANCE CHART AT n=2850RPM

NO.	MODEL	OUTLET (Inch)	PARTICAL (φmm)	BEARING (RZ)	N.W (Kg)	L×W×H (mm)
A	HQD-550	1 ¹ / ₂ "	30	6202/6203	12	265×200×450
B	HQD-750	1 ¹ / ₂ "	30	6202/6203	13	265×200×455
C	HQD-1100	2"	30	6202/6302	14	275×210×460
D	HQD-1500	2"	30	6202/6302	16	275×210×490



NO.	MODEL	POWER		Q(m³/h)	Flow rate Q (m³/h)									
		kW	HP		0	3.0	6.0	9.0	12.0	15.0	18.0	21.0		
A	HQD-550	0.55	0.75		0	8.5	6.5	4.5	3	1				
B	HQD-750	0.75	1		0	11	9.6	8.5	7.3	6	4.3	3		
C	HQD-1100	1.1	1.5	H	12.8	11.3	9.8	8.2	6.8	5	3.6			
D	HQD-1500	1.5	2		15.5	14	13	11.8	10.5	9	7.5	6		

HAD

Submersible sewage pumps



Application

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made.

As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing partial up to a maximum of ϕ 8mm.

Component

- ※ Pump body: Cast iron
- ※ Motor housing: Aluminum
- ※ Impeller: Cast iron
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC-SIC/Ceramic-Graphite
- ※ Cable: 6m power cable with plug

Construction

- Cast iron
- Aluminum
- Cast iron
- AISI304 SS
- SIC-SIC/Ceramic-Graphite
- 6m power cable with plug

Motor

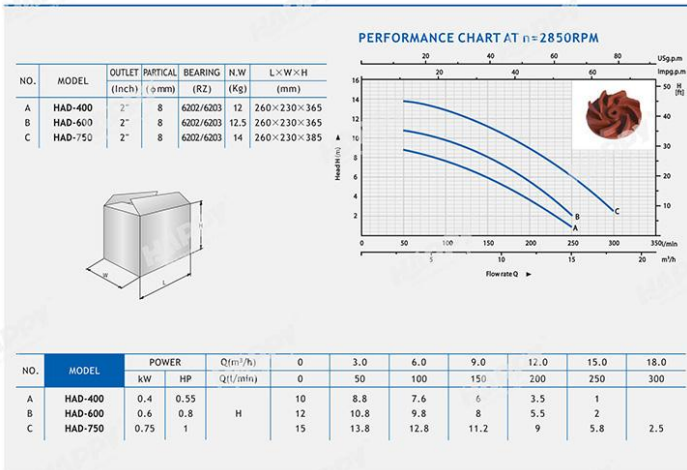
- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ 5m maximum Immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C



HAD



HUD

Submersible sewage pumps



Application

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made.

As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing partial up to a maximum of ϕ 35mm.

Component

- ※ Pump body: Cast iron
- ※ Motor housing: Cast iron
- ※ Impeller: Cast iron
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC-SIC/Ceramic-Graphite
- ※ Cable: 8m power cable with plug

Construction

- Cast iron
- Cast iron
- Cast iron
- AISI304 SS
- SIC-SIC/Ceramic-Graphite
- 8m power cable with plug

Motor

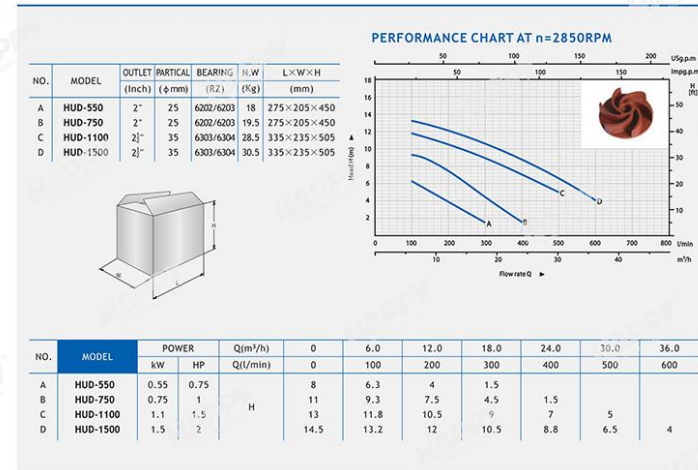
- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ 5m maximum immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C



HUD



H1150F~H1550F

Cutting system submersible sewage pumps



Application

Submersible sewage pumps widely used in agriculture, architecture, mine, environment protection and industry, such as drainage slurry, waste water, which contained short fibre, long fibre, wastepaper, sand and so on, it is also an ideal equipment for irrigation.

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ 5m maximum Immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C

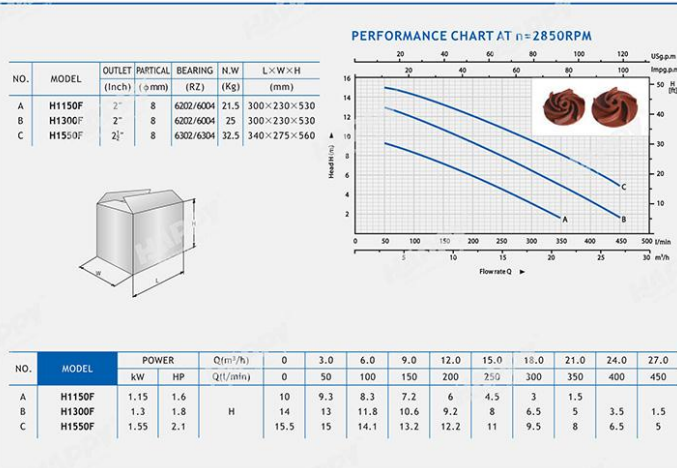
Component

- ※ Pump body: Cast iron
- ※ Motor housing: AISI304 SS
- ※ Impeller: Superior steel
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC-SiC/Ceramic-Graphite
- ※ Cable: 8m power cable with plug

Construction



H1300F



CUT

Cutting system submersible sewage pumps



Application

The CUT pumps are specifically designed for pumping untreated waste water from domestic, commercial or municipal sources. The high discharge pressure enables transfer of waste water over longer distances. The pump can cut up fibre mixture in water easily for example: gloves, rope, cloth. Being not wound and no obstruction. It also can reduce energy consumption and keep downtime costs to a minimum, while maintaining peak performance throughout the system life.

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ 5m maximum immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C

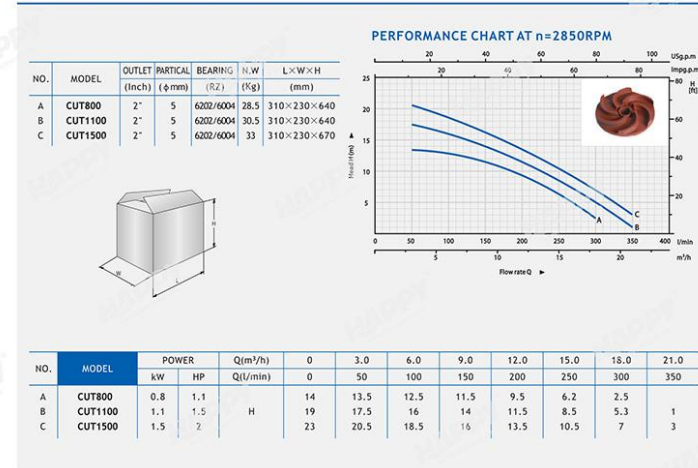
Component

- ※ Pump body: Cast iron
- ※ Motor housing: AISI304 SS
- ※ Impeller: Cast iron
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC-SiC/Ceramic-Graphite
- ※ Cable: 8m power cable with plug

Construction



CUT



WQK-QG/QGS

Cutting system submersible sewage pumps



Application

The WQK pumps are specifically designed for pumping untreated waste water from domestic, commercial or municipal sources. The high discharge pressure enables transfer of waste water over longer distances. The pump can cut up fibre mixture in water easily for example: gloves, rope, cloth. Being not wound and no obstruction. It also can reduce energy consumption and keep downtime costs to a minimum, while maintaining peak performance throughout the system life.

Motor

- Two-pole induction motor (n=2850 r.p.m)
- Insulation Class B
- Protection IP68
- Continuous service S1
- Thermal protector for single phase
- Single-phase 220V/50Hz, 60Hz if request
- Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- 5m maximum immersion depth
- Liquid temperature up to 35°C
- Maximum ambient temperature 40°C

Component

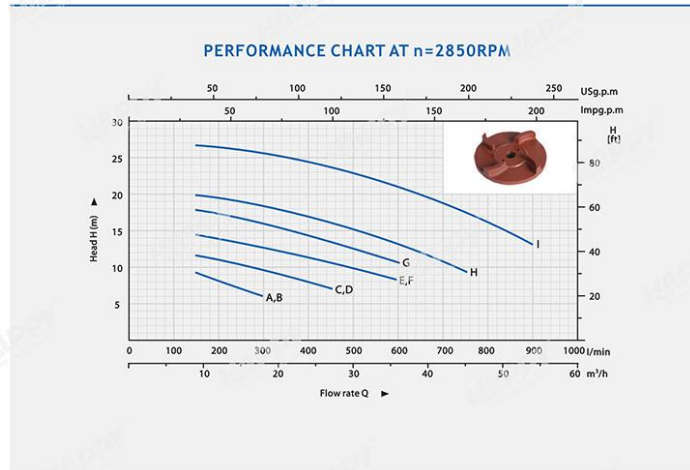
- Pump body: Cast iron
- Motor housing: Cast iron
- Impeller: Cast iron
- Motor shaft: AISI304 SS
- Mechanical seal: Alloy/Ceramic-Graphite
- Cable: 8m power cable

Construction

- Cast iron
- Cast iron
- AISI304 SS
- Alloy/Ceramic-Graphite
- 8m power cable



WQK-QG



WQK-QG/QGS

Cutting system submersible sewage pumps



Application

The WQK pumps are specifically designed for pumping untreated waste water from domestic, commercial or municipal sources. The high discharge pressure enables transfer of waste water over longer distances. The pump can cut up fibre mixture in water easily for example: gloves, rope, cloth. Being not wound and no obstruction. It also can reduce energy consumption and keep downtime costs to a minimum, while maintaining peak performance throughout the system life.

Motor

- Two-pole induction motor (n=2850 r.p.m)
- Insulation Class B
- Protection IP68
- Continuous service S1
- Thermal protector for single phase
- Single-phase 220V/50Hz, 60Hz if request
- Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- 5m maximum immersion depth
- Liquid temperature up to 35°C
- Maximum ambient temperature 40°C

Component

- Pump body: Cast iron
- Motor housing: AISI304 SS
- Impeller: Cast iron
- Motor shaft: AISI304 SS
- Mechanical seal: Alloy/Ceramic-Graphite
- Cable: 8m power cable

Construction

- Cast iron
- AISI304 SS
- Cast iron
- AISI304 SS
- Alloy/Ceramic-Graphite
- 8m power cable



WQK-QGS

NO.	MODEL	OUTLET (Inch)	PARTIAL (φ mm)	BEARING (RZ)	N.W (kg)	L×W×H (mm)
A	WQK15-7-1.1QG/QGS	1 1/2"	5	6203/6204	25	220×250×480
B	WQK15-7-1.1QG/QGS	1 1/2"	5	6203/6204	25	220×250×480
C	WQK26-7-1.5QG/QGS	2"	5	6204/6205/2	35.5	300×250×530
D	WQK26-7-1.5QG/QGS	2"	5	6204/6205/2	35.5	300×250×530
E	WQK30-7-2.2QG/QGS	2"	5	6204/6205/2	39	300×250×550
F	WQK30-7-2.2QG/QGS	2"	5	6204/6205/2	39	300×250×550
G	WQK30-10-3QG/QGS	2 1/2"	5	6206/3	47	320×270×580
H	WQK40-10-4QG/QGS	2 1/2"	5	6207/3	56	330×290×600
I	WQK55-10-5.5QG/QGS	2 1/2"	5	6207/3	66	340×300×650

NO.	MODEL	POWER		Q (m³/h)		Q (l/min)		Q (l/min)		Q (l/min)		Q (l/min)					
		kW	HP	0	9.0	18.0	27.0	36.0	45.0	54.0	0	150	300	450	600	750	900
A	WQK15-7-1.1QG/QGS	1.1	1.5	11.5	9.2	6											
B	WQK15-7-1.1QG/QGS	1.1	1.5	11.5	9.2	6											
C	WQK26-7-1.5QG/QGS	1.5	2	14	11.5	9.5	7										
D	WQK26-7-1.5QG/QGS	1.5	2	14	11.5	9.5	7										
E	WQK30-7-2.2QG/QGS	2.2	3	16	14.5	12.5	10.5	8									
F	WQK30-7-2.2QG/QGS	2.2	3	16	14.5	12.5	10.5	8									
G	WQK30-10-3QG/QGS	3	4	20.5	18	15.5	13.5	10.5									
H	WQK40-10-4QG/QGS	4	5.5	23	20	18	16	13.5	9								
I	WQK55-10-5.5QG/QGS	5.5	7.5	29.5	27	25.5	23.5	21	17.7	13							

WQ-B

Submersible sewage pumps



Application

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made.

As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing partial up to a maximum of ϕ 35mm.

Component

- ※ Pump body: Cast iron
- ※ Motor housing: Cast iron
- ※ Impeller: Cast iron
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: Alloy/Ceramic-Graphite
- ※ Cable: 8m power cable

Construction

- Cast iron
- Cast iron
- Cast iron
- AISI304 SS
- Alloy/Ceramic-Graphite
- 8m power cable

Motor

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Three-phase 380V/50Hz, 60Hz if request

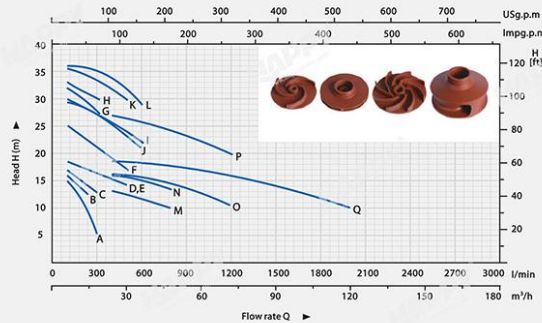
Operating conditions

- ※ 5m maximum immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C



WQ-B

PERFORMANCE CHART AT n=2850RPM



WQ-B

Submersible sewage pumps



NO.	MODEL	POWER		Q(m³/h)	Flow rate (m³/h)								
		KW	HP		0	6.0	12.0	18.0	24.0	30.0	36.0		
A	WQ15-12-1.1B	1.1	1.5	H	17	15	11.5	5.5					
B	WQ7-15-1.1B	1.1	1.5		17.5	16	13.5						
C	WQ15-15-1.5B	1.5	2		19.5	17	15	13					
D	WQ15-20-2.2B	2.2	3		20	18.5	17.5	16.5					
E	WQ27-15-2.2B	2.2	3		20	18.5	17.5	16.5	15.5	14			
F	WQ25-20-3B	3	4		27	25	23	21	19	17			
G	WQ15-30-3B	3	4		34	32	30	27.5					
H	WQ15-32-4B	4	5.5		35	33	31.5	30					
I	WQ25-26-4B	4	5.5		31.5	30	28	27	25.5	23.5			
J	WQ30-22-4B	4	5.5		31.5	29.8	28.5	27	25.5	23	21		
K	WQ25-32-5.5B	5.5	7.5		37.5	35.5	34.3	33.3	31.8	30			
L	WQ30-30-5.5B	5.5	7.5		38	36	35.5	35	33.5	31.8	29		

NO.	MODEL	POWER		Q(m³/h)	Flow rate (m³/h)						
		KW	HP		0	24.0	48.0	72.0	96.0	120.0	144.0
M	WQ40-10-2.2B	2.2	3	17.5	13.2	10					
N	WQ43-13-3B	3	4	21	16	13.5					
O	WQ60-11-4B	4	5.5	20.5	16	14.5	10.5				
P	WQ65-20-7.5B	7.5	10	32	27	24	20				
Q	WQ100-12-7.5B	7.5	10	21	18.8	17.5	16	13.2	10		

NO.	MODEL	OUTLET	PARTIAL	BEARING	N.W	L×W×H
		(Inch)	(ϕ mm)	(RZ)	(Kg)	(mm)
A	WQ15-12-1.1B	2"	20	6203/6204	33	260×220×550
B	WQ7-15-1.1B	2"	5	6203/6204	33	260×220×550
C	WQ15-15-1.5B	2"	20	6204/6205/2	37	255×205×560
D	WQ15-20-2.2B	2"	20	6204/6205/2	43	260×210×575
E	WQ27-15-2.2B	2½"	25	6204/6207/2	46	260×210×575
F	WQ25-20-3B	2½"	25	6205/6207/2	51	305×255×625
G	WQ15-30-3B	2"	20	6205/6206/2	48.5	305×255×625
H	WQ15-32-4B	2"	20	6206/6207/2	58.5	365×265×675
I	WQ25-26-4B	2½"	25	6206/6207/2	58.5	365×265×675
J	WQ30-22-4B	3"	25	6206/6207/2	66.5	365×265×675
K	WQ25-32-5.5B	2½"	25	6206/6207/2	68.5	365×265×705
L	WQ30-30-5.5B	3"	25	6206/6207/2	73	365×265×705
M	WQ40-10-2.2B	3"	25	6204/6205/2	43	260×210×575
N	WQ43-13-3B	3"	25	6205/6206/2	48.5	305×255×625
O	WQ60-11-4B	4"	30	6206/6207/2	62.5	365×265×675
P	WQ65-20-7.5B	4"	30	6307/6308/2	103	410×320×765
Q	WQ100-12-7.5B	6"	35	6307/6308/2	103	410×320×765



WQD-C

Submersible sewage pumps



Application

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made.

As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing partial up to a maximum of ϕ 15mm.

Component

- ※ Pump body: Cast iron
- ※ Motor housing: Cast iron
- ※ Impeller: Superior steel
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC-SiC / Ceramic-Graphite
- ※ Cable: 8m power cable with plug

Construction

- ※ Pump body: Cast iron
- ※ Motor housing: Cast iron
- ※ Impeller: Superior steel
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: SIC-SiC / Ceramic-Graphite
- ※ Cable: 8m power cable with plug

Motor

- ※ Two-pole induction motor (n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

Operating conditions

- ※ 5m maximum Immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C

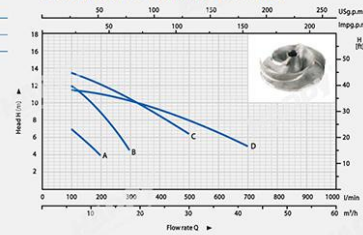


WQD-C

NO.	MODEL	OUTLET	N.W	L×W×H
		(Inch)	(Kg)	(mm)
A	WQD10-10-0.75C	1½"	19	270×220×520
B	WQD8-15-1.1C	2"	26	255×225×555
C	WQD18-15-1.5C	2"	38	305×255×645
D	WQD40-10-2.2C	3"	40	305×255×700



PERFORMANCE CHART AT n=2850RPM



NO.	MODEL	POWER		Q(m³/h)	Flow rate Q (m³/h)											
		kW	HP		0	6.0	12.0	18.0	24.0	30.0	36.0	42.0				
A	WQD10-10-0.75C	0.75	1	0	9	7	4									
B	WQD8-15-1.1C	1.1	1.5	H	15	12	9	4.5								
C	WQD18-15-1.5C	1.5	2		15	13.5	12	10.5	8.5	6.5						
D	WQD40-10-2.2C	2.2	3		12	11.5	11	10.2	9.3	8	6.5	5				



WQ Submersible sewage pumps

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Application

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made.

As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing partial up to a maximum of ϕ 40mm.

Component

- ※ Pump body: Cast iron
- ※ Motor housing: Cast iron
- ※ Impeller: Cast iron
- ※ Motor shaft: AISI304 SS
- ※ Mechanical seal: Alloy/Ceramic-Graphite, SIC-SIC/Ceramic-Graphite(1HP, 1.5HP&2HP)
- ※ Cable: 8m power cable

Construction

- ※ Two-pole induction motor(n=2850 r.p.m)
- ※ Insulation Class B
- ※ Protection IP68
- ※ Continuous service S1
- ※ Thermal protector for single phase
- ※ Single-phase 220V/50Hz, 60Hz if request
- ※ Three-phase 380V/50Hz, 60Hz if request

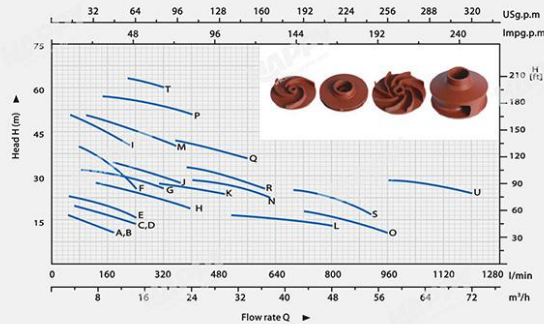
Operating conditions

- ※ 5m maximum Immersion depth
- ※ Liquid temperature up to 35°C
- ※ Maximum ambient temperature 40°C



WQ

PERFORMANCE CHART AT n=2850RPM



WQ Submersible sewage pumps

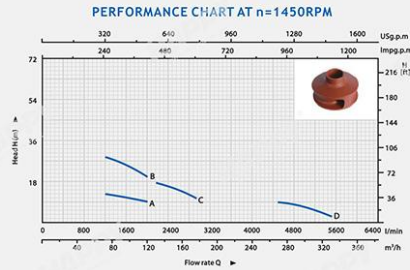
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NO.	MODEL	POWER		SPEED (R/min)	VOLT (V)	FREQ. (Hz)	Q. RATE		H. RATE (m)	OUTLET (inch)	PARTICAL (ϕ mm)	BEARING (RZ)	N.W (Kg)	L×W×H (mm)
		kw	HP				(m³/h)	(l/min)						
A	WQ05-15-0.75F	0.75	1	2850	220	50	5	83	15	2"	5	6202/6202	19	490×220×250
B	WQ5-15-0.75	0.75	1	2850	380	50	5	83	15	2"	5	6202/6202	18.5	450×220×260
C	WQ07-15-1.1F	1.1	1.5	2850	220	50	7	116	15	2"	5	6203/6204	26	560×220×260
D	WQ7-15-1.1	1.1	1.5	2850	380	50	7	116	15	2"	5	6203/6204	25.5	510×240×250
E	WQ12-16-1.5	1.5	2	2850	380	50	12	200	18	2"	5	6203/6203	23	460×230×270
F	WQ10-34-2.2	2.2	3	2850	380	50	10	166	34	2"	5	6204/6204	40	590×270×270
G	WQ15-28-2.2	2.2	3	2850	380	50	15	250	28	2"	20	6204/6205	45	590×270×270
H	WQ18-22-2.2	2.2	3	2850	380	50	18	300	22	2 1/2"	20	6204/6206	47	590×270×270
I	WQ10-44-3	3	4	2850	380	50	10	166	44	2"	5	6204/6204	49	640×280×300
J	WQ16-32-3	3	4	2850	380	50	16	266	32	2"	20	6204/6205/2	50	610×270×280
K	WQ25-25-3	3	4	2850	380	50	25	416	25	2 1/2"	25	6204/6205/2	51	610×270×280
L	WQ40-15-3	3	4	2850	380	50	40	666	15	3"	25	6205/6206	57	640×280×300
M	WQ15-45-4	4	5.5	2850	380	50	15	250	45	2"	20	6205/6206	62	690×270×350
N	WQ30-26-4	4	5.5	2850	380	50	30	500	26	3"	25	6205/6206	74	720×290×310
O	WQ50-15-4	4	5.5	2850	380	50	50	833	15	4"	30	6205/6206	74	900×340×310
P	WQ15-55-5.5	5.5	7.5	2850	380	50	15	250	55	2"	20	6206/6207	82	850×330×370
Q	WQ25-40-5.5	5.5	7.5	2850	380	50	25	416	40	2"	25	6205/6206	78	900×320×310
R	WQ30-30-5.5	5.5	7.5	2850	380	50	30	500	30	3"	25	6206/6207	83	960×320×330
S	WQ48-22-5.5	5.5	7.5	2850	380	50	48	800	22	4"	25	6205/6206	86	960×320×330
T	WQ20-60/2-7.5	7.5	10	2850	380	50	20	333	60	2"	25	6206/6206	110	790×290×340
U	WQ65-26-7.5	7.5	10	2850	380	50	65	1083	26	4"	30	6308/3	140	930×380×400

WQ

Submersible sewage pumps



NO.	MODEL	POWER kW	SPEED HP	VOLT. (R/min)	FREQ. (Hz)	Q.RATE (m³/h)	H.RATE (l/min)	OUTLET (m)	PARTIAL (inch)	BEARING (RZ)	N.W. (Kg)	L×W×H (mm)		
A	WQ100-10-7.5	7.5	10	2850	380	50	100	1666	10	6"	35	6308-3	144	380×370×1180
B	WQ100-25-11	11	15	1450	380	50	100	1666	25	4"	35	6309-3	216	650×520×1230
C	WQ150-15-11	11	15	1450	380	50	150	2500	15	6"	35	6309-3	252	650×520×1230
D	WQ300-7-11	11	15	1450	380	50	300	5000	7	8"	35	6309-3	275	650×520×1230

NO.	MODEL	POWER kW	SPEED HP	VOLT. (R/min)	FREQ. (Hz)	Q.RATE (m³/h)	H.RATE (l/min)	OUTLET (m)		
1	WQ100-30-15	15	20	1450	380	50	100	1666	30	4"
2	WQ200-15-15	15	20	1450	380	50	200	3333	15	6"
3	WQ250-11-15	15	20	1450	380	50	250	4166	11	8"
4	WQ500-5-15	15	20	1450	380	50	500	8333	5	10"
5	WQ100-35-18.5	18.5	25	1450	380	50	100	1666	35	4"
6	WQ180-20-18.5	18.5	25	1450	380	50	180	3000	20	6"
7	WQ250-15-18.5	18.5	25	1450	380	50	250	4166	15	8"
8	WQ500-7-18.5	18.5	25	1450	380	50	500	8333	7	10"
9	WQ650-5-18.5	18.5	25	1450	380	50	650	10833	5	12"
10	WQ100-40-22	22	30	1450	380	50	100	1666	40	4"
11	WQ200-22-22	22	30	1450	380	50	200	3333	22	6"
12	WQ300-16-22	22	30	1450	380	50	300	5000	16	8"
13	WQ500-9-22	22	30	1450	380	50	500	8333	9	10"
14	WQ650-7-22	22	30	1450	380	50	650	10833	7	12"
15	WQ120-45-30	30	40	1450	380	50	120	2000	45	4"
16	WQ180-30-30	30	40	1450	380	50	180	3000	30	6"
17	WQ250-22-30	30	40	1450	380	50	250	4166	22	8"
18	WQ600-9-30	30	40	1450	380	50	600	10000	9	10"
19	WQ800-7-30	30	40	1450	380	50	800	13333	7	12"
20	WQ1200-4.5-30	30	40	980	380	50	1200	20000	4.5	14"
21	WQ120-50-37	37	50	1450	380	50	120	2000	50	4"
22	WQ200-35-37	37	50	1450	380	50	200	3333	35	6"
23	WQ300-25-37	37	50	1450	380	50	300	5000	25	8"
24	WQ600-12-37	37	50	1450	380	50	600	10000	12	10"

WQ

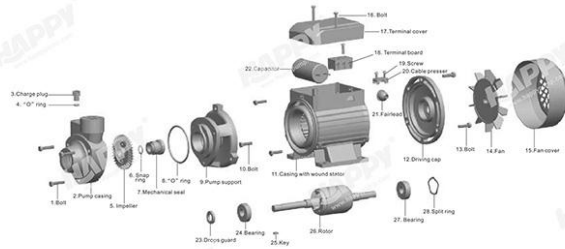
Submersible sewage pumps



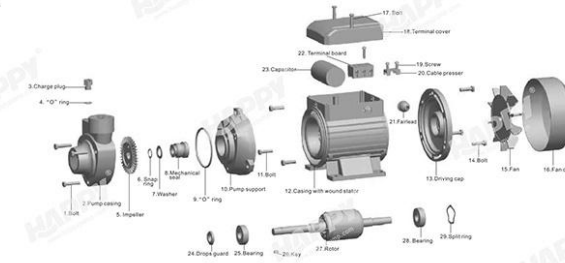
NO.	MODEL	POWER		SPEED	VOLT.	FREQ.	Q.RATE		H.RATE	OUTLET
		kW	HP	(R/min)	(V)	(Hz)	(m³/h)	(l/min)	(m)	(inch)
25	WQ800-9-37	37	50	1450	380	50	800	13333	9	12"
26	WQ1000-6-37	37	50	1450	380	50	1000	16666	6	14"
27	WQ1100-6-37	37	50	980	380	50	1100	18333	6	14"
28	WQ1400-5-37	37	50	980	380	50	1400	23333	5	16"
29	WQ100-57-45	45	60	1450	380	50	100	1666	57	4"
30	WQ200-40-45	45	60	1450	380	50	200	3333	40	6"
31	WQ300-32-45	45	60	1450	380	50	300	5000	32	8"
32	WQ400-15-45	45	60	1450	380	50	400	6000	15	10"
33	WQ500-12-45	45	60	1450	380	50	500	7500	12	12"
34	WQ1000-8-45	45	60	1450	380	50	1000	16666	8	14"
35	WQ1200-8-45	45	60	980	380	50	1200	20000	8	14"
36	WQ1500-6-45	45	60	980	380	50	1500	25000	6	16"
37	WQ100-65-55	55	74	1450	380	50	100	1666	65	4"
38	WQ180-50-55	55	74	1450	380	50	180	3000	50	6"
39	WQ300-40-55	55	74	1450	380	50	300	5000	40	8"
40	WQ600-20-55	55	74	1450	380	50	600	10000	20	10"
41	WQ800-15-55	55	74	1450	380	50	800	13333	15	12"
42	WQ1000-10-55	55	74	1450	380	50	1000	16666	10	14"
43	WQ1100-10-55	55	74	980	380	50	1100	18333	10	14"
44	WQ1500-8-55	55	74	980	380	50	1500	25000	8	16"
45	WQ2200-5-55	55	74	980	380	50	2200	36666	5	20"
46	WQ120-75-75	75	100	1450	380	50	120	2000	75	4"
47	WQ200-60-75	75	100	1450	380	50	200	3333	60	6"
48	WQ350-45-75	75	100	1450	380	50	350	5833	45	8"
49	WQ600-25-75	75	100	1450	380	50	600	10000	25	10"
50	WQ800-20-75	75	100	1450	380	50	800	13333	20	12"
51	WQ1000-15-75	75	100	1450	380	50	1000	16666	15	14"
52	WQ1200-15-75	75	100	980	380	50	1200	20000	15	14"
53	WQ1500-10-75	75	100	980	380	50	1500	25000	10	16"
54	WQ2000-8-75	75	100	980	380	50	2000	33333	8	20"
55	WQ120-85-90	90	120	1450	380	50	120	2000	85	4"
56	WQ200-70-90	90	120	1450	380	50	200	3333	70	6"
57	WQ300-55-90	90	120	1450	380	50	300	5000	55	8"
58	WQ600-30-90	90	120	1450	380	50	600	10000	30	10"
59	WQ800-25-90	90	120	1450	380	50	800	13333	25	12"
60	WQ1000-18-90	90	120	1450	380	50	1000	16666	18	14"
61	WQ1200-18-90	90	120	980	380	50	1200	20000	18	14"
62	WQ1500-15-90	90	120	980	380	50	1500	25000	15	16"
63	WQ2000-10-90	90	120	980	380	50	2000	33333	10	20"
64	WQ100-100-110	110	147	1450	380	50	100	1666	100	4"
65	WQ180-80-110	110	147	1450	380	50	180	3000	80	6"
66	WQ300-65-110	110	147	1450	380	50	300	5000	65	8"
67	WQ600-35-110	110	147	1450	380	50	600	10000	35	10"
68	WQ800-30-110	110	147	1450	380	50	800	13333	30	12"
69	WQ1000-25-110	110	147	1450	380	50	1000	16666	25	14"
70	WQ1300-20-110	110	147	980	380	50	1300	21666	20	14"
71	WQ1800-15-110	110	147	980	380	50	1800	30000	15	16"
72	WQ2500-10-110	110	147	980	380	50	2500	41666	10	20"
73	WQ3800-6-110	110	147	980	380	50	3800	63333	6	24"

EXPLODE DRAWING

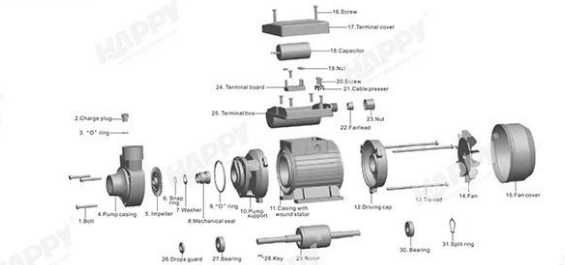
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PKM

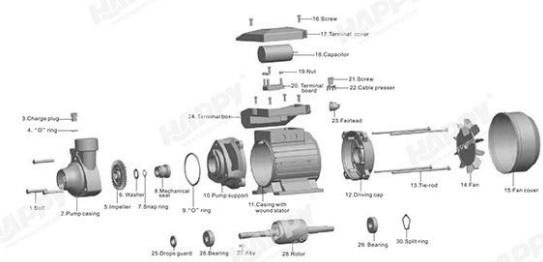


IDB



EXPLODE DRAWING

PM

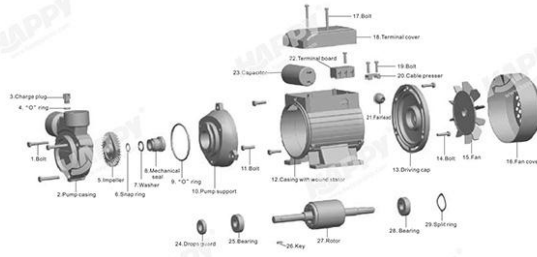


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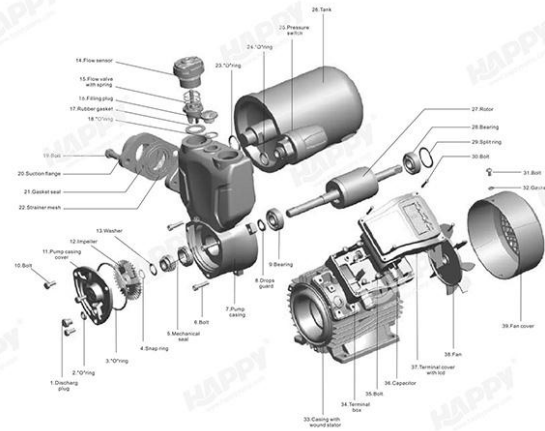


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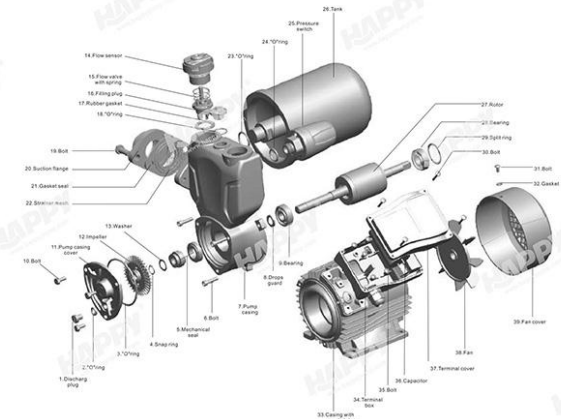


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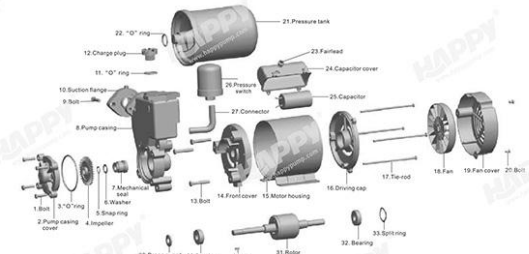


EXPLODE DRAWING

HQSm-A

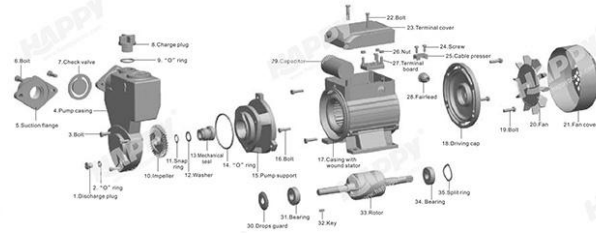


PS

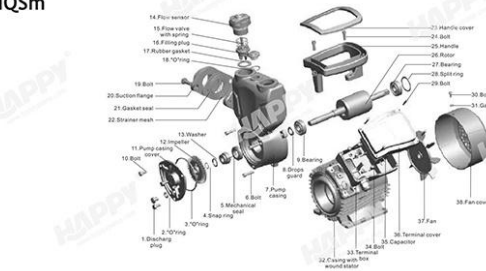


EXPLODE DRAWING

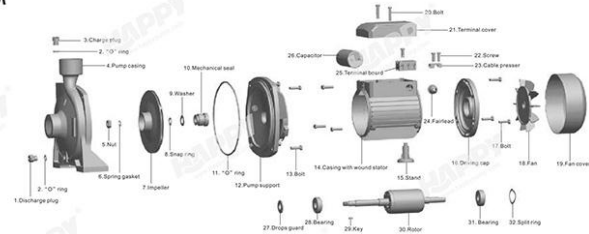
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HQSm

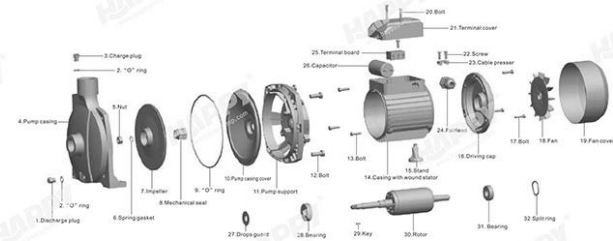


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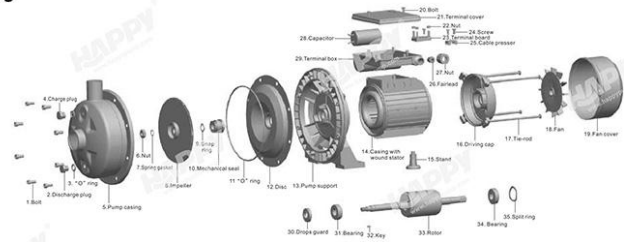


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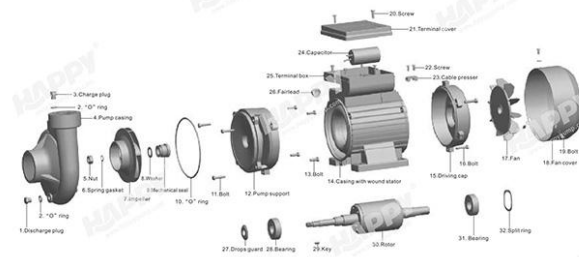
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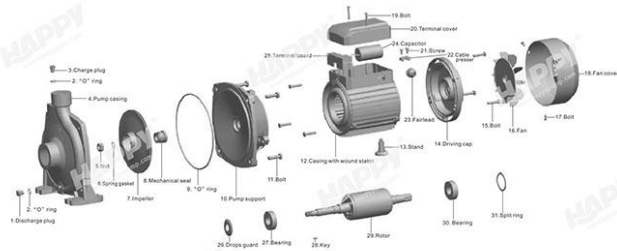


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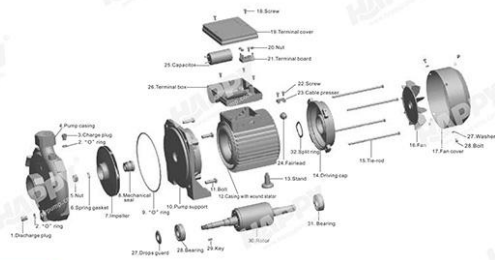


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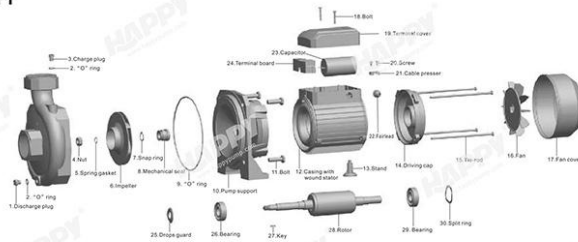
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HCK

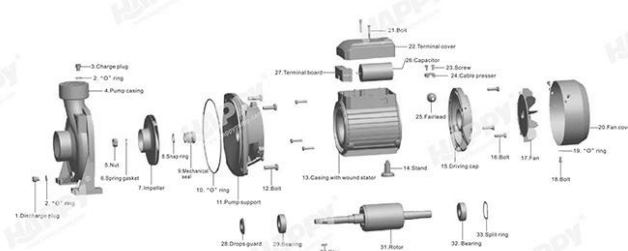


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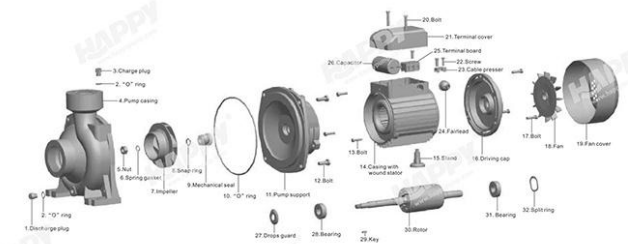


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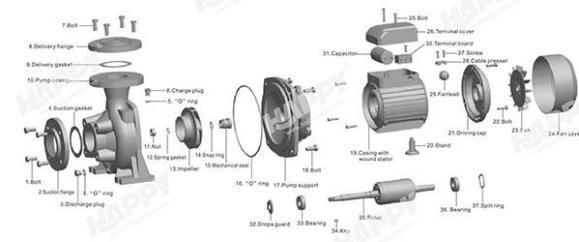
HGAM



HFM

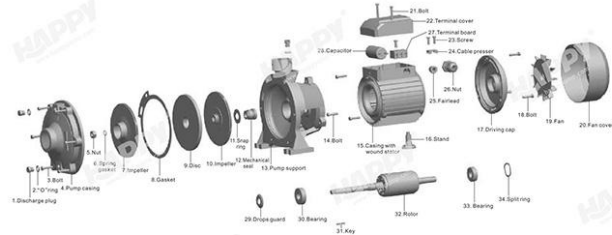


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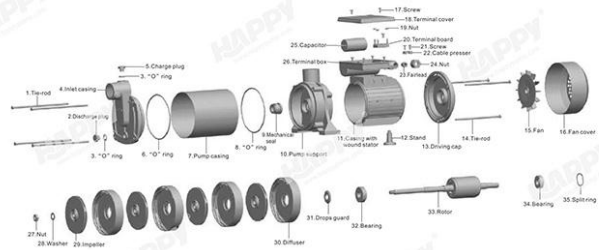


EXPLODE DRAWING

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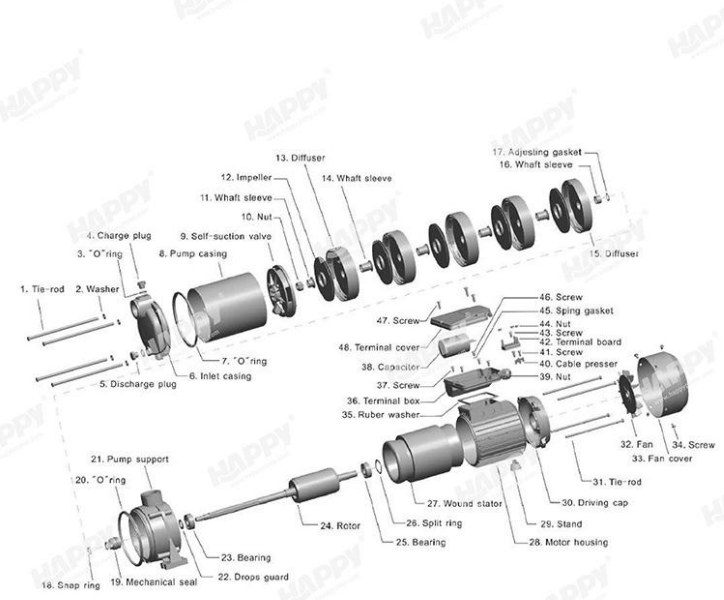


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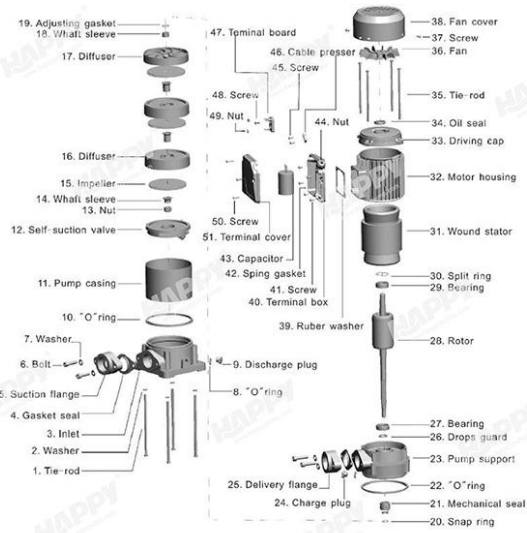
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HMC-SH



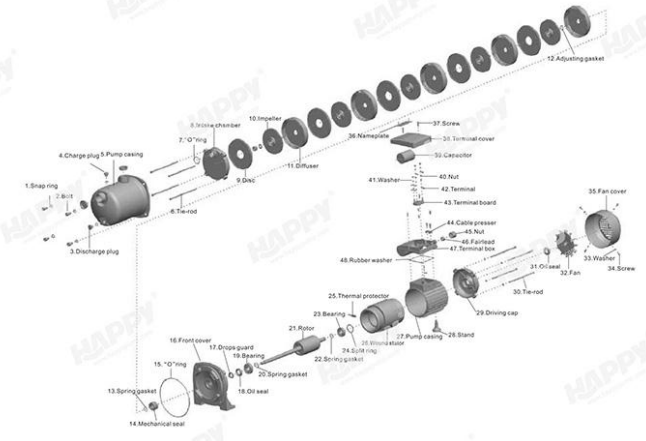
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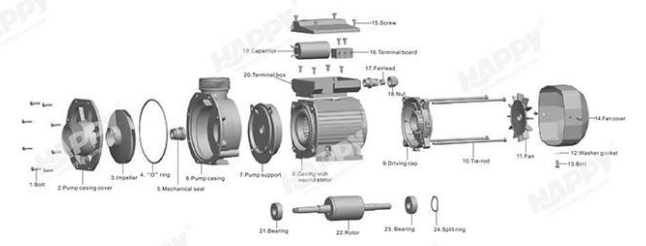


EXPLODE DRAWING

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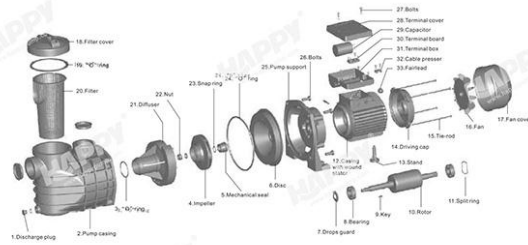


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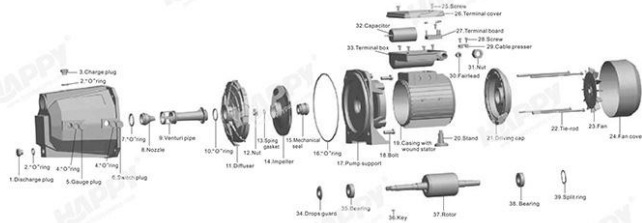


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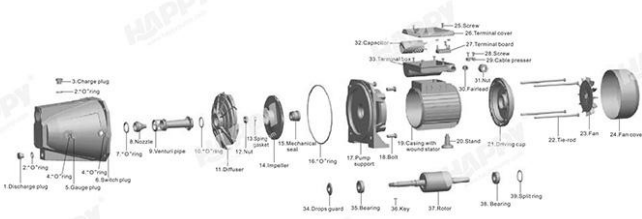
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JET-A

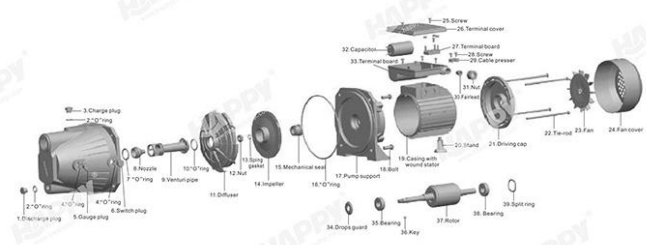


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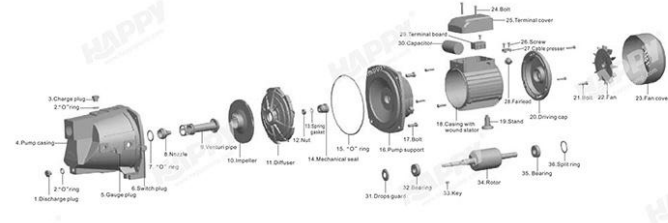


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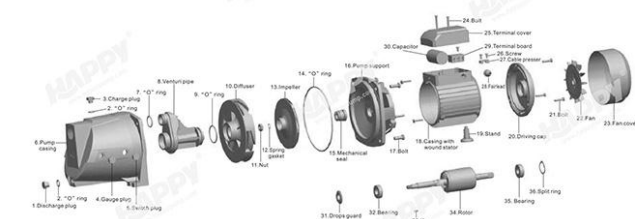
JET-C



JSP



HJ



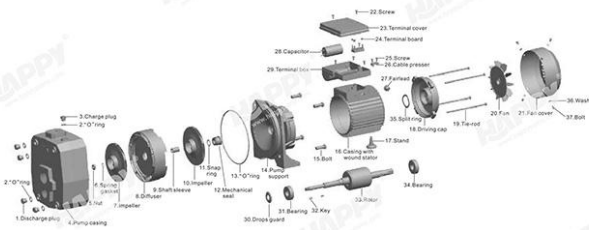
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JETDP

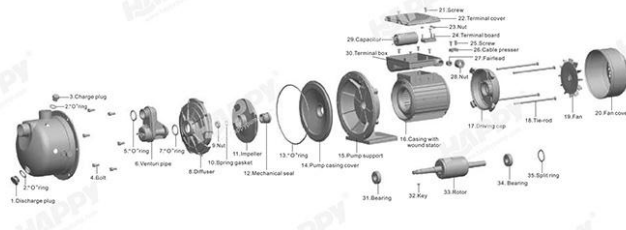
HAPPY
www.happypump.com



DP



SJET-A

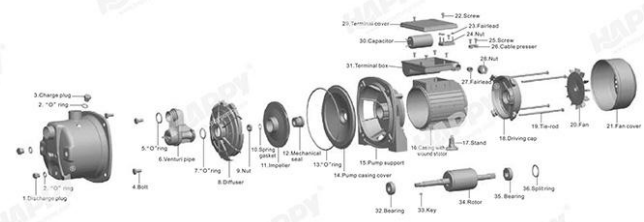


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EXPLODE DRAWING

SJET-B

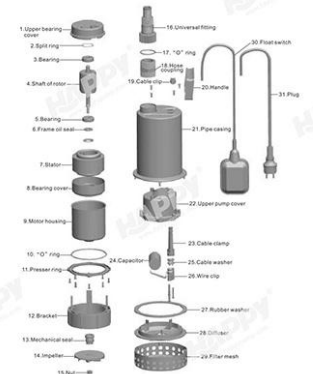
HAPPY
www.happypump.com



QDS-C



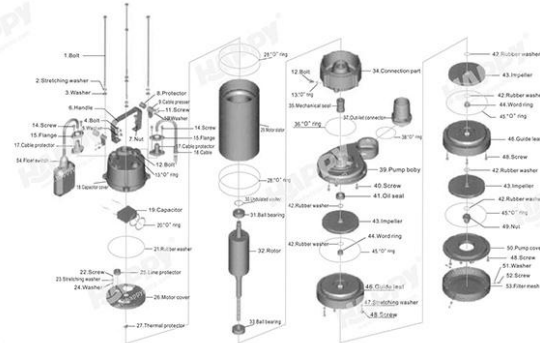
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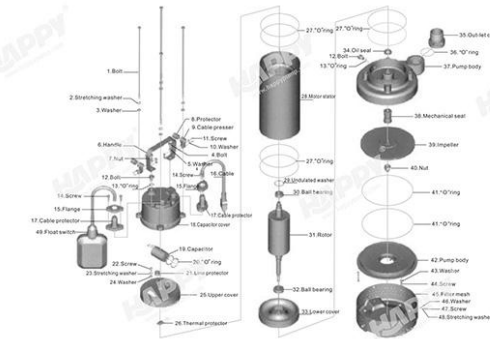
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EXPLODE DRAWING

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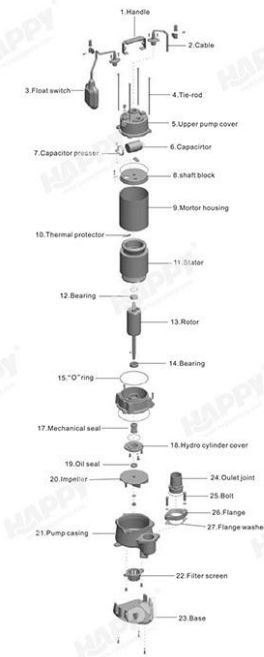


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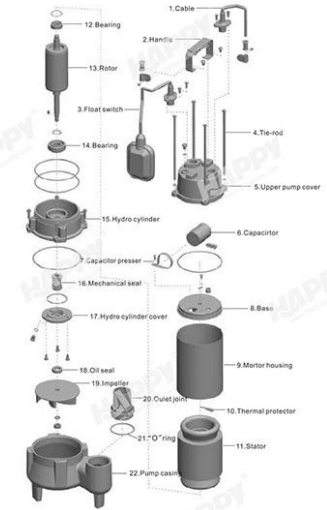


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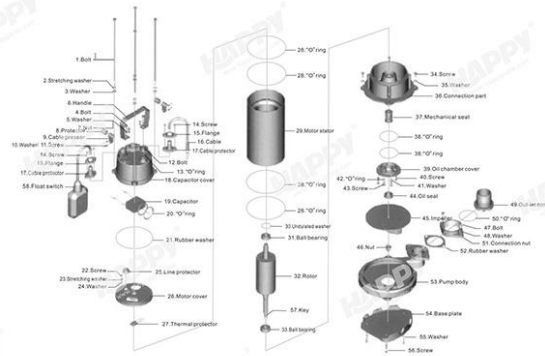


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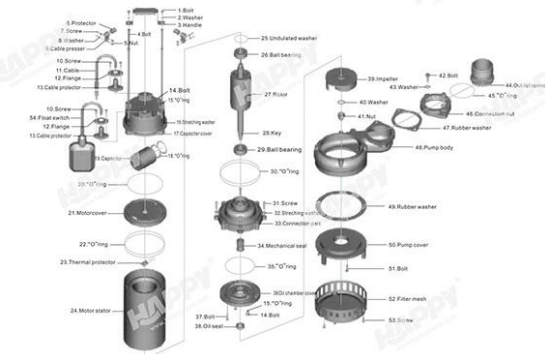


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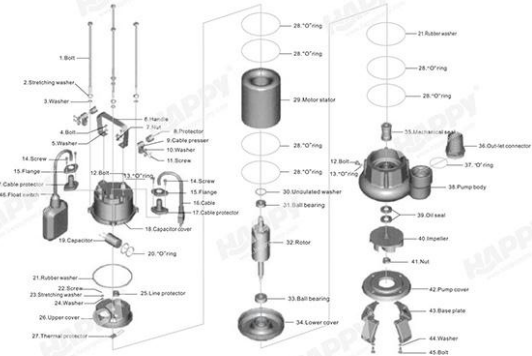


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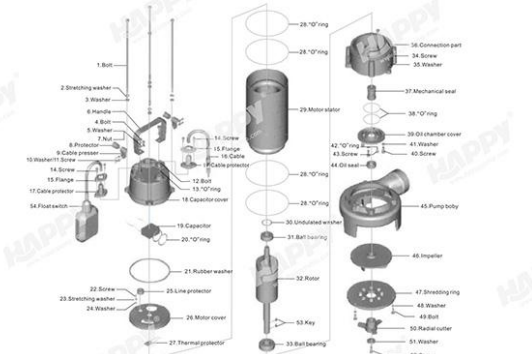


EXPLODE DRAWING

H800F~H2250F



H1150F~H1550F



PRESSURE BOOSTER SETS

HAPPY
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QB60-24CF	QB60-24SF
QB70-24CF	QB70-24SF
QB80-24CF	QB80-24SF
PKM60-24CF	PKM60-24SF
PKM70-24CF	PKM70-24SF
PKM80-24CF	PKM80-24SF
IDB35-24CF	IDB35-24SF
IDB40-24CF	IDB40-24SF
IDB50-24CF	IDB50-24SF
PM45-24CF	PM45-24SF
PM80-24CF	PM80-24SF
VP5M-24CF	VP5M-24SF
VP10M-24CF	VP10M-24SF
HLQ-60-24CF	HLQ-60-24SF
HLQ-70-24CF	HLQ-70-24SF
HLQ-80-24CF	HLQ-80-24SF
CP130-24CF	CP130-24SF
JET-60A/B/C-24CF	JET-60A/B/C-24SF
JET-80A/B/C-24CF	JET-80A/B/C-24SF
JET-100A/B/C-24CF	JET-100A/B/C-24SF
JET-150A-24CF	JET-150A-24SF
JET-180A-24CF	JET-180A-24SF
JET-200A-24CF	JET-200A-24SF
JSP-60-24CF	JSP-60-24SF
JSP-80-24CF	JSP-80-24SF
JSP-100-24CF	JSP-100-24SF
JSP-150-24CF	JSP-150-24SF
JSP-200-24CF	JSP-200-24SF
HJ-10M-24CF	HJ-10M-24SF
HJ-10H-24CF	HJ-10H-24SF
HJ-15M-24CF	HJ-15M-24SF
SJET-60A/B/C-24CF	SJET-60A/B/C-24SF
SJET-80A/B/C-24CF	SJET-80A/B/C-24SF
SJET-100A/B/C-24CF	SJET-100A/B/C-24SF

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NEW SHAPE FOR CHOOSING

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QB60-A	HFM-80-A	HMC90-SV-A
QB70-A	HFM-85-A	HMC145-SV-A
QB80-A	HGAM-70-A	HMC170-SV-A
PKM60-A	HGAM-75-A	JET-150A-A
PKM70-A	HGAM-80-A	JET-180A-A
PKM80-A	HCK-30-A	JET-200A-A
HLQ-60-A	HCK-36-A	JSP-60-A
HLQ-70-A	HCT-185-A	JSP-80-A
HLQ-80-A	HCT-205-A	JSP-100-A
HKS-60-A	HCT-265-A	JSP-150-A
HKS-70-A	HCT-305-A	JSP-200-A
HKS-80-A	HCT-335-A	HJ-10M-A
CPM130-A	HNF-128A-A	HFC-900-A
CPM146-A	HNF-129B-A	HFC-1100-A
CPM158-A	HNF-129A-A	HFC-1500-A
CPM180-A	HNF-130C-A	HFC-2200-A
CPM190-A	HNF-130B-A	JET-60A/B/C-A
CPM200-A	2HCP-130-A	JET-80A/B/C-A
CPM130-1-A	2HCP-140M-A	JET-100A/B/C-A
CPM146-1-A	2HCP-140H-A	JET-60S-A
CPM158-1-A	2HCP-160-A	JET-80S-A
CPM130-2-A	2HCP-160B-A	JET-100S-A
CPM158-2-A	HMC-35-A	JETDP-255-A
CPM180-2-A	HMC-45-A	JETDP-370-A
CPM190-2-A	HMC-55-A	JETDP-550-A
HCM25-160B-A	HMC-31A-A	DP-505A-A
HCM40-160B-A	HMC-41A-A	DP-750A-A
HCM25-160A-A	HMC-51A-A	DP-1100C-A
HCM40-160A-A	HMC60-SH-A	DP-1500C-A
HCPF-60-A	HMC90-SH-A	DP-2200C-A
HCPF-70-A	HMC145-SH-A	SJET-60A/B/C-A
HFM-70-A	HMC170-SH-A	SJET-80A/B/C-A
HFM-75-A	HMC60-SV-A	SJET-100A/B/C-A

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ACCESSORIES Pressure Tank

HAPPY
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VT/2-3



20L-24L



6L-12L



2L-36L



19L-100L



19L-100L



5L-100L



100L-500L



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ACCESSORIES Pressure Control

HAPPY
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AD-01



AD-02



AD-10



PC-10



PC-11



PC-12



PC-13



PC-13A



PC-15



PC-16



PC-19



PC-19A



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ACCESSORIES Pressure Control

HAPPY
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PC-58



PC-59



PW-01



PC-9C



PC-2



PC-9



3WAY



4WAY



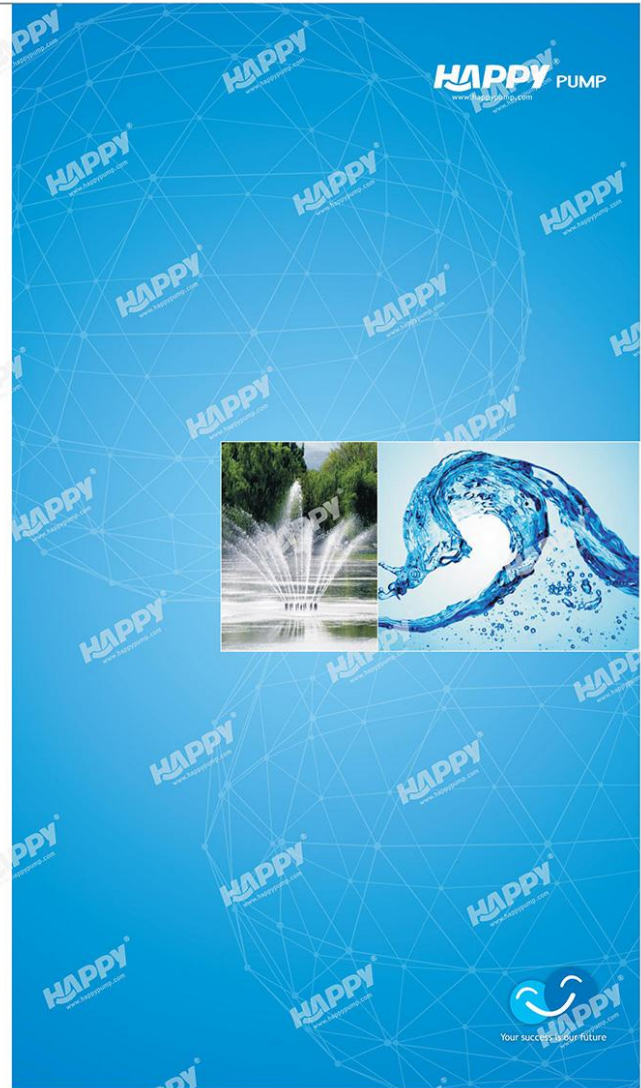
5WAY

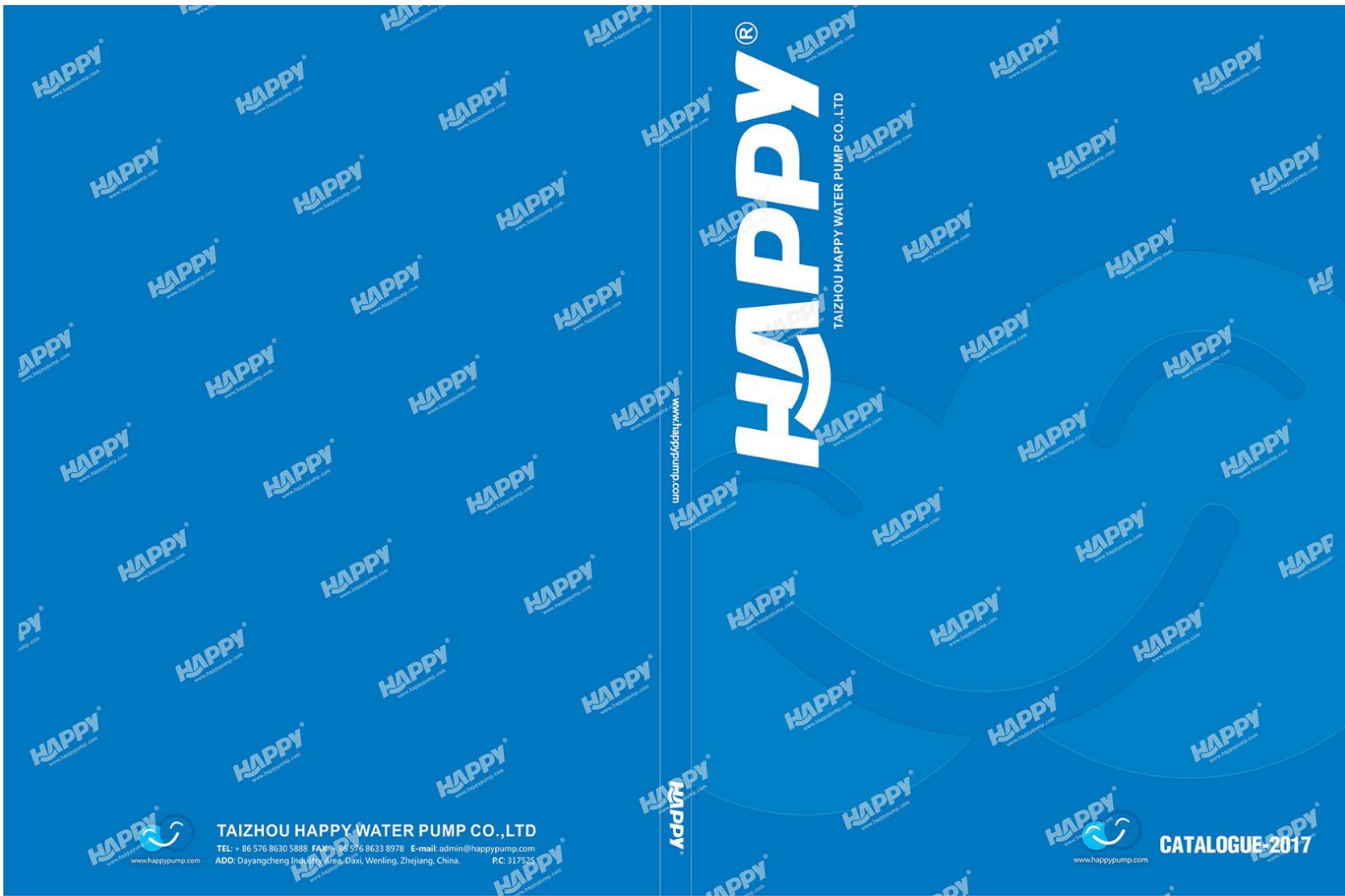


FOOT VALVE



BRASS CHECK VALVE





HAPPY®

TAIZHOU HAPPY WATER PUMP CO.,LTD

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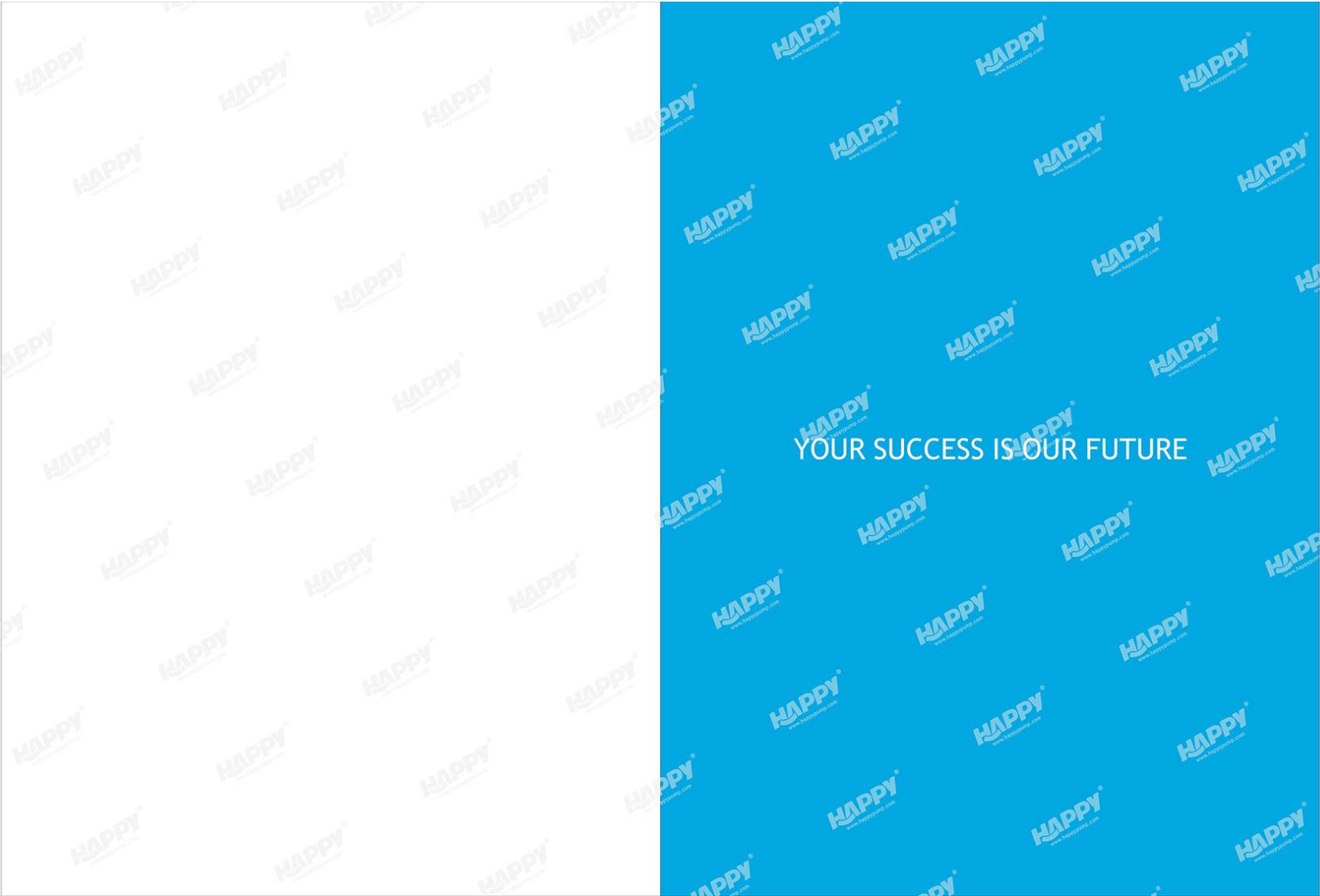


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ADD. Dayangcheng Industrial Area, Daxi, Wenling, Zhejiang, China. P.C. 317524



CATALOGUE 2017



YOUR SUCCESS IS OUR FUTURE

HAPPY

TAIZHOU HAPPY WATER PUMP CO., LTD



Taizhou Happy Water Pump Co., Ltd is a professional share issuing enterprise in the production of water pumps, and located in Daxi Town, Wenling Taizhou City, Zhejiang of China, which is well known as "Home town of Water Pump". Happy Pump is founded in 1997, with 20-years accumulation of middle and high-grade pump production and management experience. He always be with the good faith quality and initiative spirit of "Continuous Innovation" leading in the industry being famous in home and abroad, brimming with confidence towards a higher goal of "new scale, intensive and professional". He covers an area of 15,000 square meters, construction area of 38,000 square meters, employs 500 employees including 100 professional and technical personnel, and has achieved sales volume of 2.5 million sets, and sales amount of RMB300 million in last years. Happy pumps' are exported to more than 50 countries and regions that continuously improve his global brand reputation.

Happy consists of metalwork, motor, rotor and assembly workshops for pipeline operations from casting of pump body, line inserting of motor, stamping of rotor to installation and inspection of complete machine. His product series including 11 major series and more than 500 specifications as Vortex pump, Centrifugal pump, Jet pump, Garden pump, Submersible pump, Deep well submersible pump, Swimming pool pump and Pressure tank device system.

In recent years, Happy technology center has introduced coil vacuum dip coating, automatic drying, automation production equipment for pumps. The advanced production equipment with PRO/E three-dimension design system, CFD (computational fluid dynamics), motor electromagnetic design, and finite-element analysis for maximal reduction in development cycle of products. In addition, a series of high-performance ex-factory test systems such as automatic acquisition system of pump performance and JAPAN FUKUDA high accuracy air flow measuring system, the scientific "7S" field management and professional experienced technicians, which ensure high quality of "Happy" products.

Happy has passed through permit for manufacture of industrial products, ISO9001:2015, ISO14001:2015, OHSAS18001:2007, CE and ROHS, and been awarded titles of National "Hi-tech Enterprise", "Provincial Famous Trademark", "Provincial Export Famous Brand", "Provincial Regional Brand" and "Provincial Competitive Products Manufacturing Enterprise" by People's Government of Zhejiang Province, AA-grade "Contract-honoring & Promise-Keeping Unit" by Provincial Industrial and Commercial Administration, "High-tech Research & Development Center" by the municipal people's Government, and "Wenling Leading Enterprise", etc.

All these achievements are just a start for development of enterprise. With ever-changing world economy situations, enterprise also confronts competition and development, and to seek prosperous development has become a common recognition of enterprises. In the operation tenet of "Survival by Quality, Development by Variety", happy will cooperate with customers for a bright tomorrow with more high quality products and perfect services.

HAPPY PUMP
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Your success is our future



CERTIFICATES OF HONOR

