

EWARA PUMP

■ Listed company: LINGXIAO PUMP

■ Stock code: 002884

STAINLESS STEEL PUMP, HOUSEHOLD WATER PUMP
SUBMERSIBLE PUMP, IN-LINE PUMP



GUANGDONG LINGXIAO PUMP INDUSTRY CO., LTD.



Guangdong Lingxiao Pump Industry Co., Ltd (LX) is located in Yangchun City which has the reputation of "National Geography Park" in
grate with motor design, pump design, production and sales, our main products are as follow, hydromassage pump (sea water pump), swimming pool pump, SPA pump, stainless centrifugal pump, clean water pump, submersible pump, Industry in-line pump, Agricultural pump etc. LX is one of the biggest manufacturers of small household electric pump and industry support electric pump in China. Our pump have been well developed, especially the hydromassage pump (sea water pump) with complete range of articles and gain the customers' acceptance and high reputation, it is a widely known brand in sanitary field. And our stainless centrifugal pump is also with good Reputation in water industry.

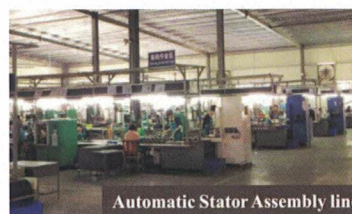
Guangdong Lingxiao Pump Industry Co., Ltd was established in 1977, after over 40 years' development, our annual production capacity has achieved 3,500,000 pieces and our products have been developed to more than 300 varieties. Our pumps have a good selling in China and export to over 60 foreign country or region in the world. For technical function, we have established the Electric Pump Engineering Technology Development Center, TÜV Witness Lab, and the UL Witness Lab, equipped with the most advance technological development, machining, quality test equipment in pump industry, our pump can stand 100,000 times start test which guarantee the service life, making our product's performance on top in pump industry in China. Before delivery, our pump must pass 4 times safety parameter test, the Stator Core Integration Test, the Motor Quality Test, the Pump Test after Assembly, and the Pump Test before Package. The key components, as capacitor, air switch, and thermal protector must take life test.

Guangdong "Lingxiao Brand" is Famous brand products in Guangdong Province. Guangdong Lingxiao Pump Industry Co., Ltd is a new hi-tech enterprise of Guangdong Province and our management system have passed the international certificates that integrate with ISO9001:2008 quality management system and the RoHS certificate awarded by Det Norske Veritas. Our pumps have got the UL, ETL certificate of America, TÜV certificate of German, CE certificate of EU, SAA certificate of Australia, CCC certificate of China, and Production license for electric pump.

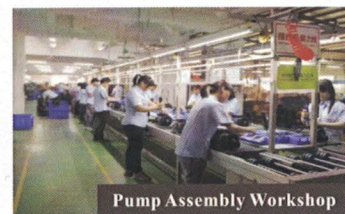
We provide personalize service for our clients, we here in invite you, our friends to pay a visit to our factory and kindly give your comments for our development. "High Quality, Fair Price, Brand Product, Mutual Benefit" is our belief. Trying to offer the best product and the best service to all of our clients is our long term goal.

Our pursue is:

GREAT PUMP MADE BY EWARA



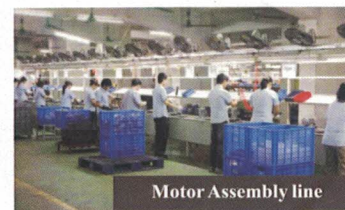
Automatic Stator Assembly line



Pump Assembly Workshop



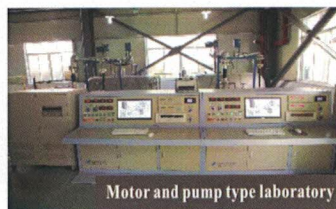
Automatic winding workshop



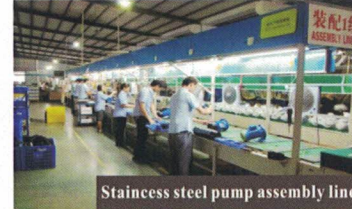
Motor Assembly line



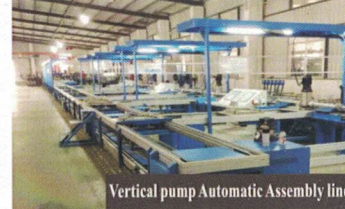
Technology center



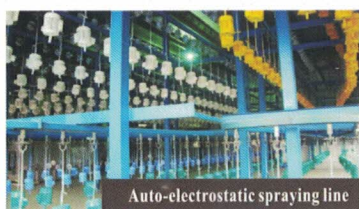
Motor and pump type laboratory



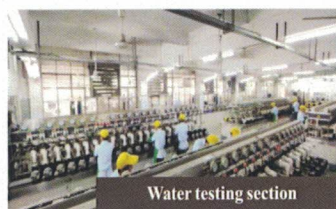
Stainless steel pump assembly line



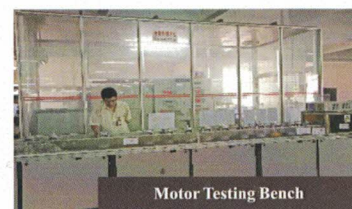
Vertical pump Automatic Assembly line



Auto-electrostatic spraying line



Water testing section



Motor Testing Bench



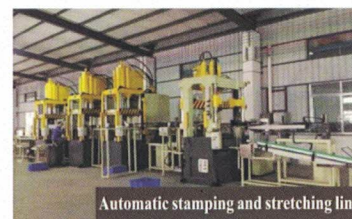
Laser welding



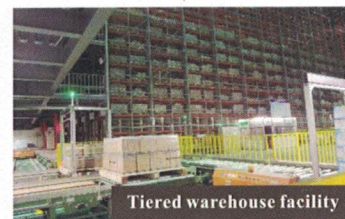
Pump impeller robot laser welding workstation



Automatic stainless steel cutting equipment

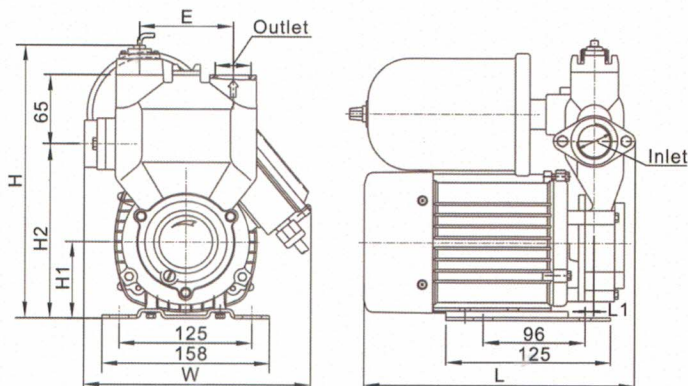


Automatic stamping and stretching line

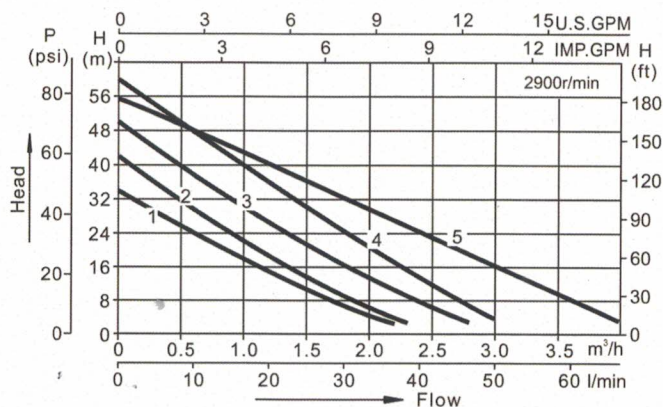


Tiered warehouse facility

Overall dimension

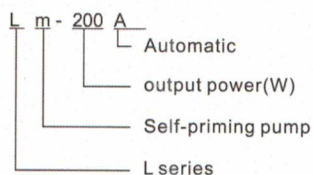


Performance curves



Model	Shape size (mm)							Inlet/outlet
	E	L	W	L1	H	H1	H2	
Lm-200A	80	250	214	6	242	65	147	G1
Lm-300A	80	250	214	6	242	65	147	G1
Lm-400A	80	250	214	6	242	65	147	G1
Lm-600A	88	255	214	8	260	73	165	G1
Lm-800A	88	255	214	8	260	73	165	G1
Lm-1100A	99	282	237	4	273	73	180	G1 1/2

Type Keys



Thermal protector
Single phase

Insulation
B

Protection
IP55

Max.suction head
8M



Household type

Novel intelligent anhydrous power off device

High efficiency / Energy saving / Sturdy / Durable

Technical parameter list

Model	Power(P2) kW	(Amps) 220V/50Hz	Rated head (m)	Rated flow (m³/h)	Curve	Starting pressure (bar)	G.W (Kg)	Packing size (mm)
Lm-200A	0.25	2.0	15	1.1	1	1.2	9	285×240×300
Lm-300A	0.33	2.4	18	1.1	2	1.8	9.5	285×240×300
Lm-400A	0.33	2.4	18	1.1	2	2.1	9.5	285×240×300
Lm-600A	0.55	4.2	22	1.44	3	2.6	11.5	295×245×320
Lm-800A	0.75	5.2	28	1.5	4	3.1	12	295×245×320
Lm1100A	1.1	7.0	25	2.5	5	2.6	14	300×260×330

Functions

- De lay start
- No water protection and check
- Stop when outlet close
- Automatic boost
- Power off reset
- Prevent stuck
- Low flow start

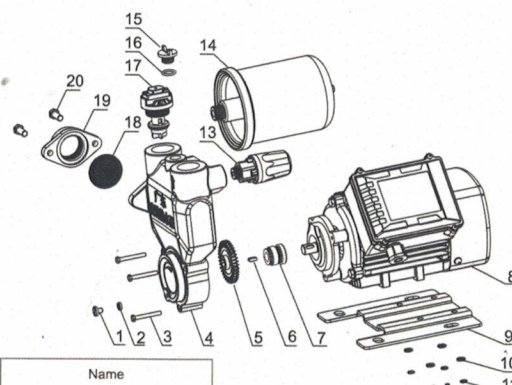
Working conditions

Medium: Clean water or chemical liquid similar to water

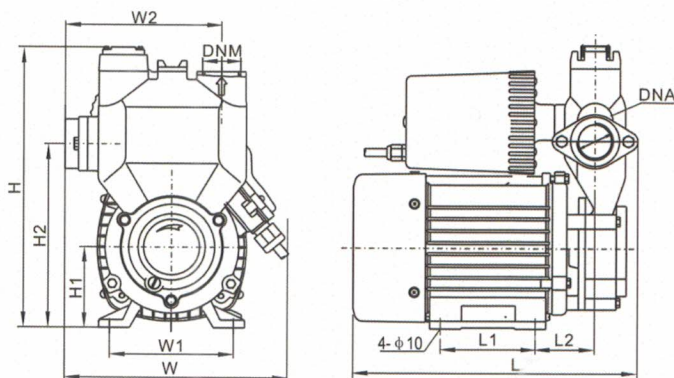
Medium temperature: 0~+104℃

Max. Working pressure: 0.8MPa

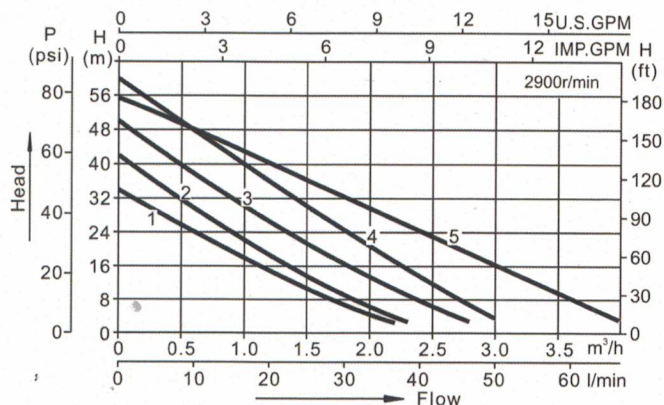
NO.	Name
1	Drainage Plug
2	O-ring
3	Hexagon Screw
4	Pump Casing
5	Impeller
6	Key
7	Mechanical Seal
8	Motor
9	Base
10	Washer
11	Spring washer
12	Hexagon bolt
13	Pressure switch
14	Pressure tank
15	Water injection Plug
16	O-ring



Overall dimension



Performance curves

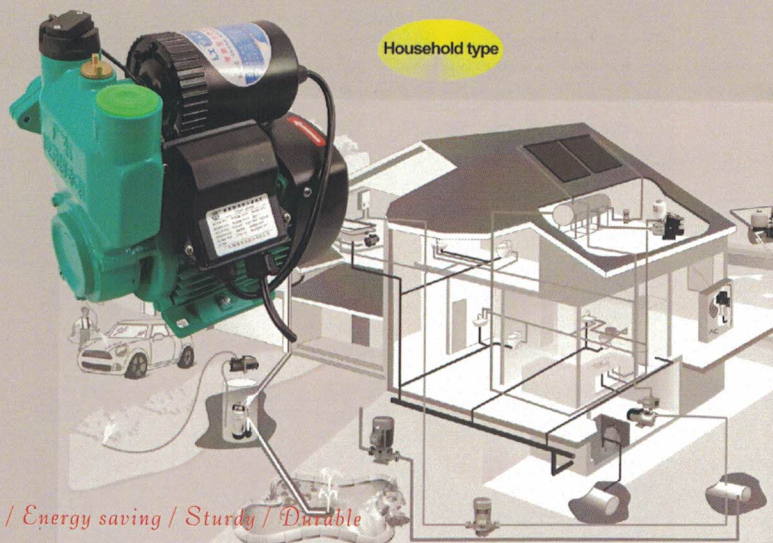


MODEL	Shape size (mm)										
	L	L1	L2	W	W1	W2	H	H1	H2	DNA	DNM
Lm-200B	247	85	55	185	98	132	234	65	147	G1	G1
Lm-300B	247	85	55	185	98	132	234	65	147	G1	G1
Lm-400B	247	85	55	185	98	132	234	65	147	G1	G1
Lm-600B	247	85	53	190	98	140	245	65	157	G1	G1
Lm-800B	255	85	53	197	111	140	252	73	165	G1	G1
Lm-1100B	283	85	49	220	111	140	267	73	180	G1.5	G1.5

Type Keys

- L m - 200 B
- The 2nd Generation Automatic Vortex type Self-Priming Pump
 - output power(W)
 - Self-priming pump
 - L series

- Thermal protector
- Single phase
- Insulation
- B
- Protection
- IP55
- Max.suction head
- 8M



High efficiency / Energy saving / Sturdy / Durable

Technical parameter list

Model	Power(P ₂) kW	(Amps) 220V/50Hz	Rated head (m)	Rated flow (m³/h)	Curve	Starting pressure (bar)	Packing size (mm)
Lm-200B	0.25	2.0	15	1.1	1	<1.5	280×225×300
Lm-300B	0.33	2.4	18	1.1	2	<2.5	280×225×300
Lm-400B	0.33	2.4	18	1.1	2	<2.5	280×225×300
Lm-600B	0.55	4.2	22	1.44	3	<2.5	280×225×300
Lm-800B	0.75	5.2	28	1.5	4	<3.0	290×235×310
Lm-1100B	1.1	7.0	22	2.5	5	<3.0	300×245×325

Features

- Intelligent Double Control-Avoid Frequent Startup
- Supper Quite/ Long Life
- Compatible to cool and hot water
- Overheat Protection
- Preheat Moisture Proof

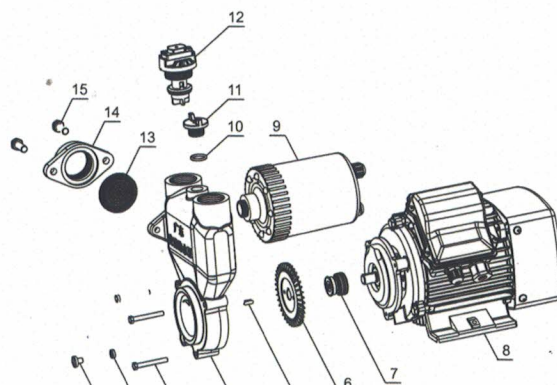
Working conditions

Medium: Clean water or chemical liquid similar to water

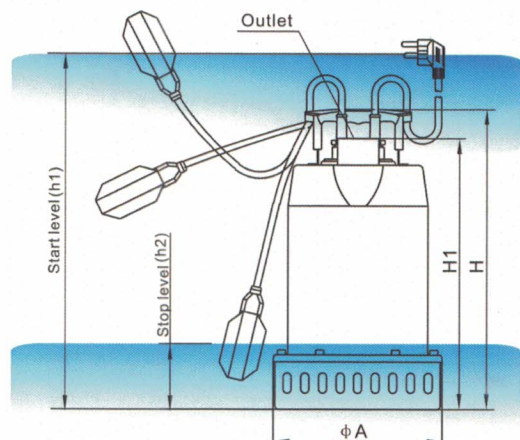
Medium temperature: 0~+104℃

Max. Working pressure: 0.8MPa

NO.	Name
1	Drain Plug
2	O-ring
3	Hexagonal bolt
4	Pump Case
5	Flat Key
6	Impeller
7	Mechanical Seal
8	Motor
9	Intelligent Switch
10	O-ring
11	Water Injection Plug
12	Flow Switch
13	Flange Plastic Padding
14	Inlet Flange

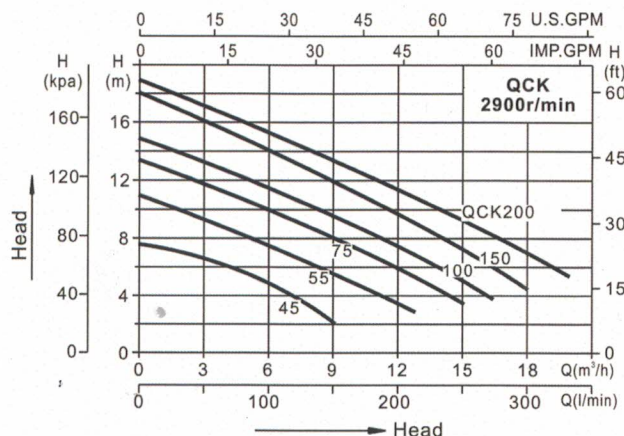


Overall dimension



Model	H	H1	h1	h2	A
QCK45M(A)	273	231	340	80	167
QCK55M(A)	360	324	415	80	211
QCK75M(A)	360	324	415	80	211
QCK100M(A)	360	324	415	80	211
QCK150M(A)	375	339	430	80	211
QCK200M(A)	375	339	430	80	211

Performance curves



Thermal protector
Single phase

Insulation
F

Protection
IP68

Automatic float switch



Features

1. Open impeller, suit to $\leq 10\text{mm}$ solid particle.
2. Double shaft seal.
3. High temperature bearing.
4. Copper winding.
5. Stainless steel housing.
6. With USA Ti thermal protector.

Technical parameter list

Model	Power(P ₂) KW	(Amps) 220V/50Hz	H _{max} (m)	Q _{max} (m³/h)	Outlet	G.W (Kg)	Packing size (mm)
QCK45(MA)	0.25	1.9	8	8.5	G1.25"	5.5	215×185×325
QCK55(MA)	0.37	2.4	11	13	G1.5"	9.6	425×260×300
QCK75(MA)	0.55	3.8	13.5	15	G1.5"	9.8	425×260×300
QCK100(MA)	0.75	5.2	15	16.5	G1.5"	10.5	405×260×300
QCK150(MA)	1.1	7.0	18	18	G1.5"	12	420×260×300
QCK200(MA)	1.5	9.2	19	20	G1.5"	13	420×260×300

Application

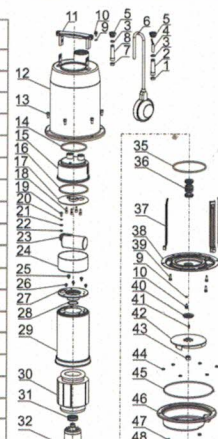
- Suitable for clean water, sea water.
- Farming, forestry, fishery water supply, circulation, and water changing.
- Equipment for Gardening, Aquarium, Landscape waterfall, Water drainage and filtration.

Working conditions

Medium temperature: 0~40°C

The diving depth should be less than: 5m

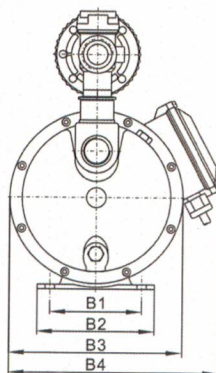
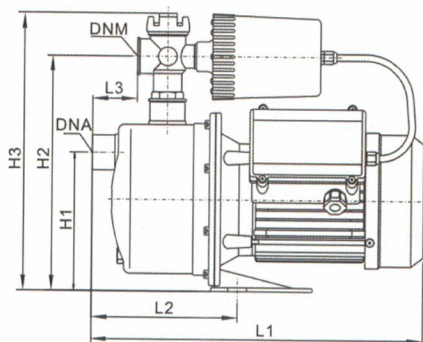
NO.	Name
1	The fixed clip of Cable
2	Cable head
3	Cable clamp
4	Cable
5	Press nut
6	Float switch
7	The fixed clip of Cable
8	Cable head
9	O-ring
10	Cross recessed pan head screws
11	Handle
12	Housing assembly
13	Hexagon socket head cap screw
14	O-ring
15	Capacitor cover
16	O-ring
17	Upper part of terminal box
18	Terminal



NO.	Name
20	Spring washer
21	Washer
22	Serrated lock washer external teeth
23	Capacitor
24	Bottom part of terminal box
25	Cross recessed pan head screw and washer assembly
26	Cross recessed pan head screws
27	Back Cover
28	The three wave
29	Motor base
30	Rotor assembling
31	Bearing
32	Rotor assembling
33	Bearing
34	Front Cover
35	O-ring
36	Mechanical Seal

NO.	Name
39	Cross recessed pan head screws
40	Protective cover
41	Key
42	Impeller
43	Hexagon Nut
44	Washer
45	O-ring
46	Pump casing
47	Hexagon Nut
48	Base connection block
49	Base
50	Cross recessed pan head screws

Overall dimension



Model	Shape size (mm)									
	L1	L2	L3	B1	B2	B3	B4	H1	H2	H3
ABJZ037-AK	358	197	58	100	130	170	208	128	228	275
ABJZ060-AK	358	197	58	100	130	170	208	128	228	275
ABJZ075-AK	357	155	48	98	125	184	223	148	250	297
ABJZ100-AK	357	155	48	98	125	184	223	148	250	297
ABJZ900-AK	357	155	48	98	125	184	223	148	250	297
ABJZ150-AK	417	219	65	98	130	198	230	160	262	309

Features

- In tetrating pressure sensors, pressure tank, Circuit board, Easy to installation.
- Low noise, Long life.
- Pressure can be adjusted.

Functions

- De lay start
- No water protection and check
- Stop when outlet close
- Automatic boost
- Power off reset
- Prevent stuck
- Small flow start

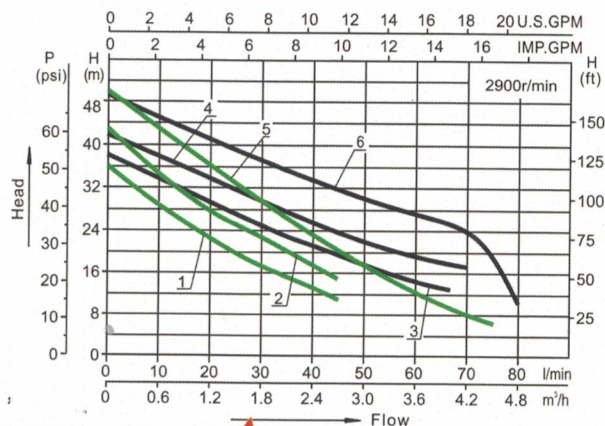
Working conditions

Medium temperature: 0~+50℃

Environmental temperature: ≤50℃

Max working pressure: 0.6MPa

Performance curves



Thermal protector

Single phase

Insulation

F

Protection

IP55

Max suction head

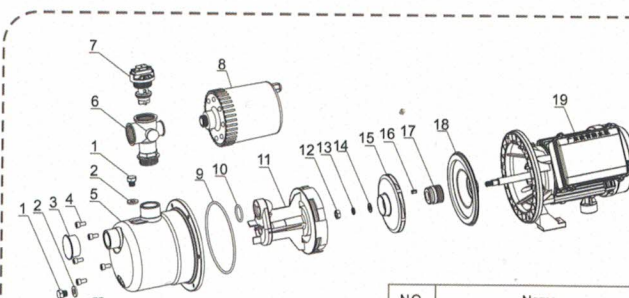
9M

Quiet Strong Clean

High efficiency / Energy saving / Sturdy / Durable

Technical parameter list

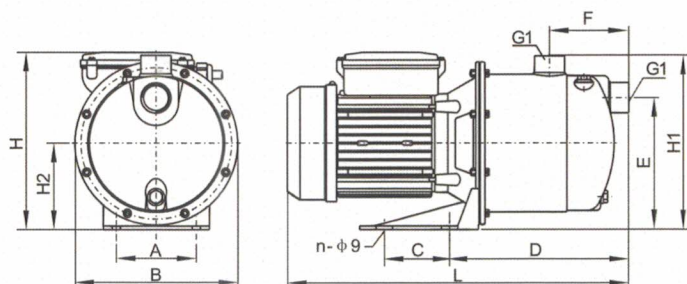
Model	Power(P ₂) kW	(Amps) 220V/50Hz	Rated head (m)	Rated flow (m³/h)	DNA	DNM	Starting pressure (bar)	Curve	G.W (Kg)	Packing size (mm)
ABJZ037-AK	0.37	2.4	20	1.5	G1	G1	<2.0	1	8	410×240×345
ABJZ060-AK	0.55	3.8	25	1.5	G1	G1	<2.0	2	8	410×240×345
ABJZ075-AK	0.55	3.8	22	2.2	G1	G1	<2.0	3	10.2	385×250×380
ABJZ100-AK	0.75	5.2	25	2.4	G1	G1	<2.5	4	11.2	385×250×380
ABJZ900-AK	0.75	5.2	30	1.8	G1	G1	<2.5	5	11.2	385×250×380
ABJZ150-AK	1.0	6.2	30	3.0	G1	G1	<3.0	6	14	455×250×380



NO.	Name
1	Plug
2	Washer
3	Dust cap
4	Inside hexagonal bolt
5	Pump Casino

NO.	Name
6	Five way
7	Flow switch
8	Intelligent switch
9	O-Ring
10	O-Ring
11	Ejector
12	Hexagonal Nut
13	Spring washer
14	Plain washer
15	Impeller
16	Key
17	Mechanical seal
18	Pump cover
19	Motor

Overall dimension



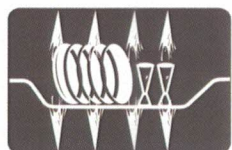
Model	Shape size (mm)										
	A	B	C	D	E	F	L	H	H1	H2	n
JEXM5	100	171	—	198	128	90	365	182	178	88	2
JEXM075A	100	171	—	198	128	90	365	182	178	88	2
JEXM075	98	184	—	160	148	80	354	206	202	98	2
JEXM100A	98	184	—	160	148	80	354	206	202	98	2
JEXM100	98	184	—	160	148	80	354	206	202	98	2
JEXM150	98	198	80	219	160	97	417	216	212	105	4



EN 60335-1: 2012
 EN 62233 : 2008
 EN 60335-2-41: 2003+A1:2004+A2:2010
 EN 809:1998+A1:2009+AC2010
 EN 55014-1:2006+A1:2009+A2:2011
 EN 55014-2:1997+A1:2001+A2:2008
 EN 61000-6-1:2007
 EN 61000-6-3:2007+A1:2011
 EN 61000-3-2:2006+A1:2009+A2:2009
 EN 61000-3-3:2008



Air-condition or cooling system



Industrial washing

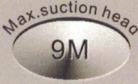
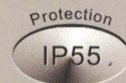
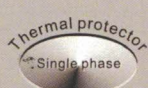
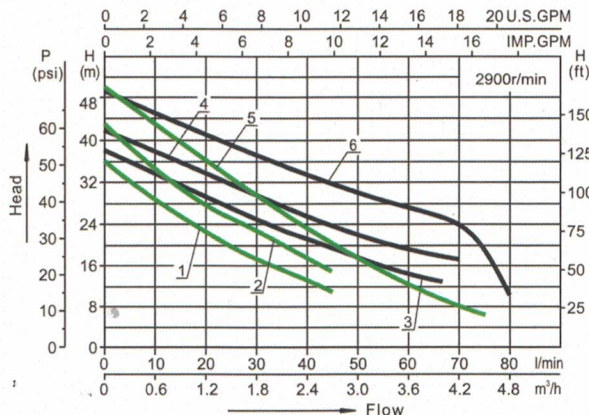


Floors of pressurized water supply

Working conditions

Medium temperature: 0~+50°C
 Environmental temperature: ≤50°C

Performance curves



JEXM5

JEXM100

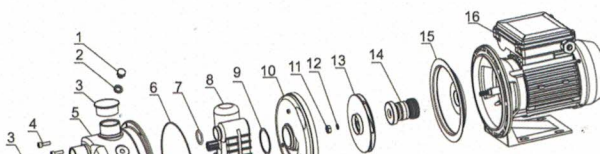
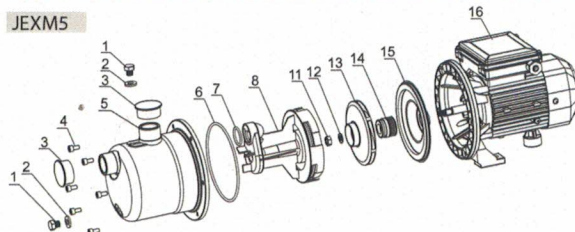
High efficiency / Energy saving / Sturdy / Durable

Technical parameter list

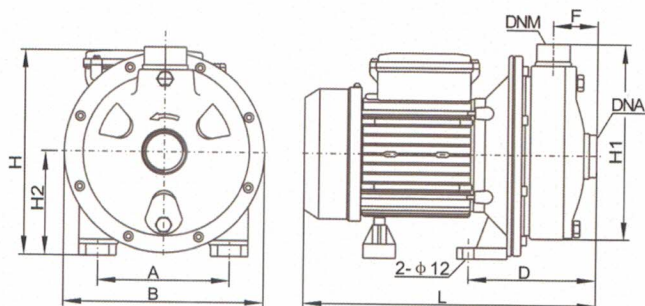
Model	Power(P ₂) kW	Amps)		Rated flow (m³/h)	Rated head (m)	Curve	G.W (Kg)	Packing size (mm)
		220V	380V					
JEXM5	0.37	2.4	1.0	1.5	20	1	7.5	390×195×220
JEXM075A	0.55	3.8	1.4	1.5	25	2	7.5	390×195×220
JEXM075	0.55	3.8	1.4	2.2	22	3	9	385×220×245
JEXM100A	0.75	5.2	1.8	1.8	30	5	10	385×220×245
JEXM100	0.75	5.2	1.8	2.4	25	4	10	385×220×245
JEXM150	1.0	6.2	2.4	3.0	30	6	12.5	460×220×295

NO.	Name
1	Plug
2	Washer
3	Dust cap
4	Inside hexagonal bolt
5	Pump housing component
6	O-Ring
7	O-Ring
8	Ejector
9	Key
10	Diffuser
11	Hexagonal Nut
12	Spring washer
13	Impeller
14	Mechanical seal
15	Pump cover
16	Motor

JEXM5



Overall dimension



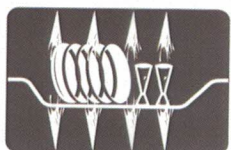
Model	Shape size (mm)							
	A	B	D	F	L	H	H1	H2
CDX(M)70/07	140	213	138	49	315	218	232	110
CDX(M)90/10	140	213	138	49	315	218	232	110
CDX(M)70/100	140	213	138	49	315	218	232	110
CDX(M)120/10	140	213	138	49	315	218	232	110
CDX(M)120/15	140	213	138	49	337	230	232	110
CDX(M)120/20	150	234	140	46	373	255	240	120
CDX(M)120/25	150	234	140	46	373	255	240	120



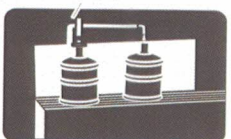
EN 60335-1: 2012
 EN 62233 : 2008
 EN 60335-2-41: 2003+A1:2004+A2:2010
 EN809:1998+A1:2009+AC2010
 EN55014-1:2006+A1:2009+A2:2011
 EN55014-2:1997+A1:2001+A2:2008
 EN61000-6-1:2007
 EN61000-6-3:2007+A1:2011
 EN61000-3-2:2006+A1:2009+A2:2009
 EN61000-3-3:2008



Air-condition or cooling system

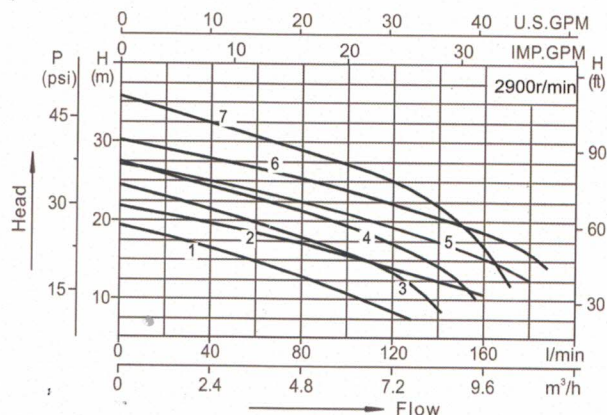


Industrial washing



Pure water or drinking water botting

Performance curves



Thermal protector

单相
Single phase

Insulation

F

Protection

IP55



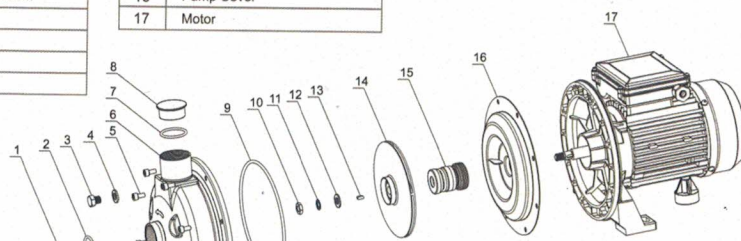
High efficiency / Energy saving / Sturdy / Durable

Technical parameter list

Model	Power(P ₂) kW	(Amps)		Rated head (m)	Rated flow (m³/h)	Curve	DNA	DNM	G.W (Kg)	Packing size (mm)
		220V/50Hz	380V/50Hz							
CDX(M)70/07	0.55	3.8	1.4	14	4.2	1	G1½	G1	9.5	360×245×280
CDX(M)90/10	0.75	5.2	1.8	19	4.2	3	G1½	G1	10.6	360×245×280
CDX(M)70/100	1.0	6.2	2.4	22	4.2	4	G1½	G1	11.4	360×245×280
CDX(M)120/10	0.75	5.2	1.8	14	7.2	2	G1½	G1	10.5	360×245×280
CDX(M)120/15	1.1	7.0	2.6	17	7.2	5	G1½	G1	15.2	285×245×280
CDX(M)120/20	1.5	9.2	3.5	22	7.2	6	G1½	G1	19.5	420×260×295
CDX(M)120/25	1.85	13	4.1	25	7.2	7	G1½	G1	22.1	420×260×295

NO.	Name
1	Dust cap
2	O-Ring
3	Plug
4	Washer
5	Inside hexagonal bolt
6	Pump housing component
7	O-Ring
8	Dust cap
9	O-Ring
10	Hexagonal Nut

NO.	Name
11	Spring washer
12	Washer
13	Key
14	Impeller
15	Mechanical seal
16	Pump Cover
17	Motor



Working conditions

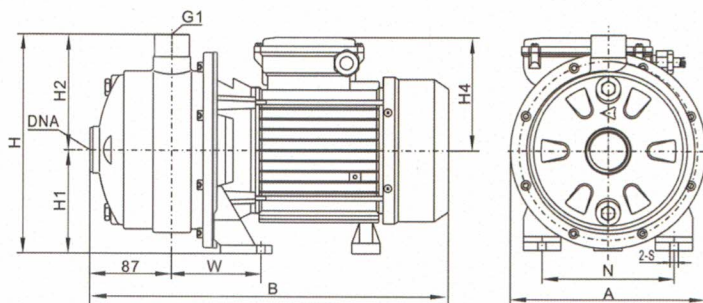
Medium temperature:

Low temperature: -20 ~ +70°C

standard model: +15 ~ +70°C

high temperature: +70 ~ +104°C

Overall dimension



Performance curves

Model	A	W	N	H	H1	H2	S	Single phase		Three phase		DNA
								L	H4	L	H4	
2CDX(M)70/10	208	93	120	229	106	123	9	356	108	356	102	G1 $\frac{1}{4}$
2CDX(M)70/12	208	95	140	229	106	123	9	382	120	382	111	G1 $\frac{1}{4}$
2CDX(M)70/15	230	95	140	249	118	131	9	382	132	382	111	G1 $\frac{1}{4}$
2CDX(M)70/20	230	109	140	249	118	131	9	397	132	382	111	G1 $\frac{1}{4}$
2CDX(M)120/15	208	95	140	229	106	123	9	382	132	382	111	G1 $\frac{1}{4}$
2CDX(M)120/20	208	109	140	229	106	123	9	397	132	382	118	G1 $\frac{1}{4}$
2CDX(M)120/30	230	109	140	249	118	131	9			415	118	G1 $\frac{1}{4}$
2CDX120/40	230	109	140	249	118	131	9			437	118	G1 $\frac{1}{4}$
2CDX(M)200/30	208	109	140	229	106	123	9			415	118	G1 $\frac{1}{2}$
2CDX200/40	230	109	140	249	118	131	9			437	118	G1 $\frac{1}{2}$
2CDX200/50	230	109	160	249	118	131	12			469	148	G1 $\frac{1}{2}$

Type Keys

2 CDX	120 / 20	T
		Single Phase Without Three Phase :T
		Rated power P2:1.5kW
		Rated flow 120L/min
		Model
		Double impeller

- 1.The overcurrent component is SUS304 material.
- 2.Volute pump body adopts liquid bulging technology, compact and firm;
- 3.Double impeller structure with high lift and high efficiency.
- 4.Mechanical shaft seal, safe and reliable;



Thermal protector
Single phase

Insulation
F

Protection
IP55



Technical parameter list

Model	Power(P2) kW	(Amps)		Speed (rpm)	Rated flow (m ³ /h)	Rated head (m)	G.W (Kg)	Packing size (mm)
		220V	380V					
2CDX(M)70/10	0.75	5.2	1.8	2900	4.2	29	11.8	405×235×270
2CDX(M)70/12	0.90	5.8	2.1	2900	4.2	32	12.9	425×235×270
2CDX(M)70/15	1.1	7.0	2.6	2900	4.2	38	15	425×255×330
2CDX(M)70/20	1.5	9.2	3.5	2900	4.2	46	16.5	440×255×330
2CDX(M)120/15	1.1	7.0	2.6	2900	7.2	35	15	425×235×300
2CDX(M)120/20	1.5	9.2	3.5	2900	7.2	41	16.5	445×235×300
2CDX(M)120/30	2.2	14	4.9	2900	7.2	49	24	455×255×330
2CDX120/40	3.0	—	6.3	2900	7.2	58	24.1	475×255×330
2CDX(M)200/30	2.2	14	4.9	2900	12	40	23	455×235×315
2CDX200/40	3.0	—	6.3	2900	12	50	24.1	475×255×315
2CDX200/50	3.7	—	9.6	2900	12	59	30.8	505×255×340

Working conditions

Medium temperature:

Low temperature: -20 ~ +70℃

standard model: +15~+70℃

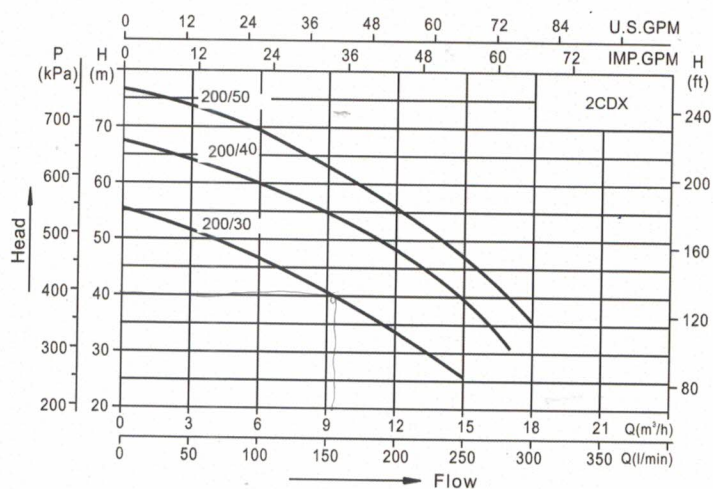
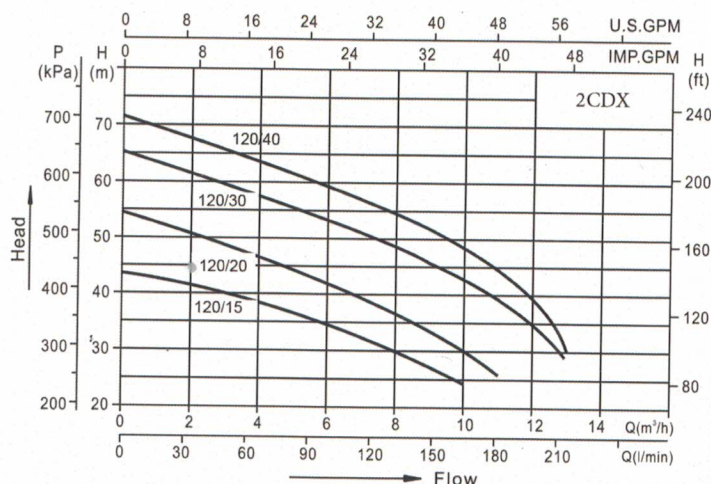
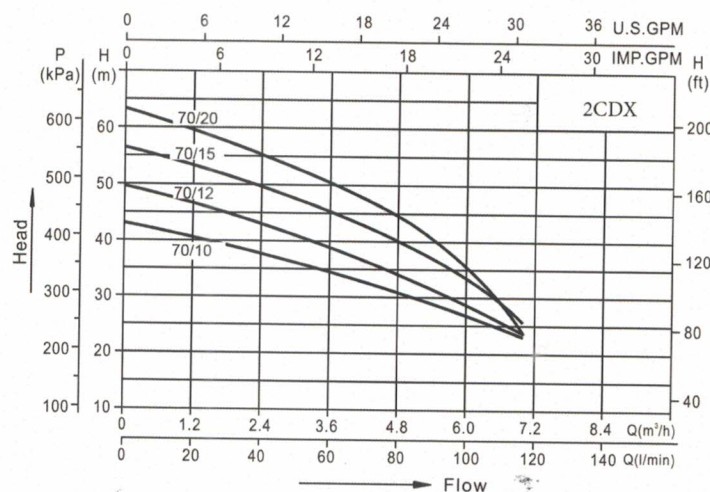
high temperature: +70~+104℃

Environmental temperature: ≤50℃

- Circular cleaning system for industrial production lines in all fields.
- Home water system, booster unit.
- Agricultural and horticultural sprinkler irrigation.
- cooling tower



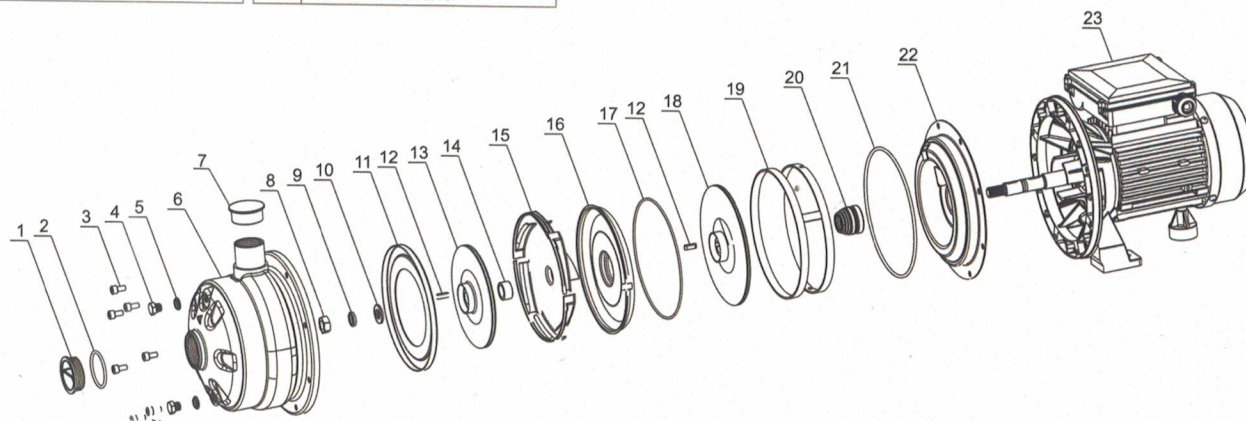
Performance curves



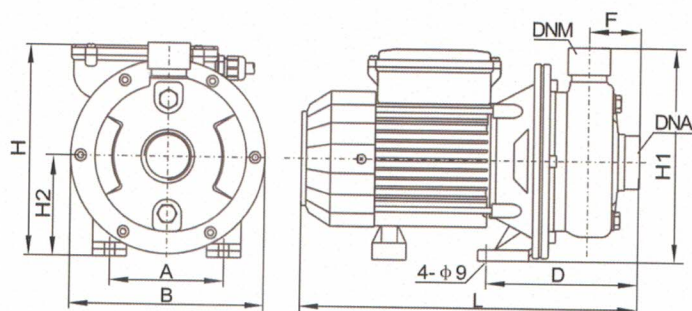
NO.	Name
1	Dust cap
2	O-ring
3	Inside hexagon bolt
4	Plug
5	Plug pad
6	Pump Casing
7	Dust cap
8	Hexagon Nut

NO.	Name
9	Spring washer
10	Washer
11	Guide vane front cover
12	Key
13	First Impeller
14	Shaft sleeve
15	Diffuser
16	Guide vane back cover

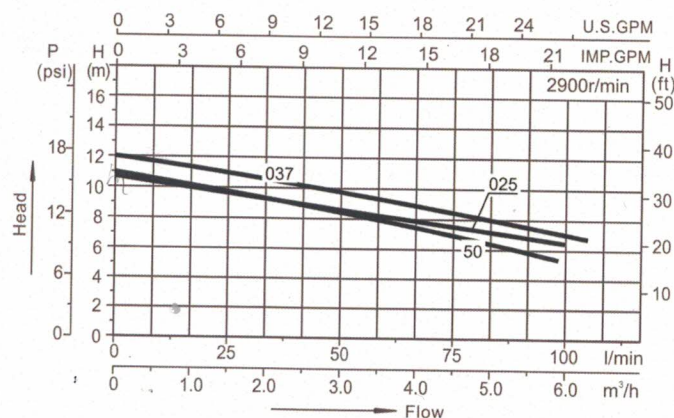
NO.	Name
17	O-ring
18	Secondary Impeller
19	Pressure ring
20	Mechanical Seal
21	O-ring
22	Pump Cover
23	Motor



Overall dimension



Performance curves



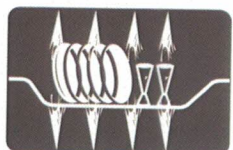
Model	Shape size (mm)							
	A	B	D	F	L	H	H1	H2
DWO025	100	166	118	50	265	177	234	84
DWO037	100	166	118	50	265	177	234	84
DWO50	100	171	131	45	297	185	188	88



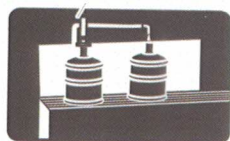
EN 60335-1: 2012
EN 62233 : 2008
EN 60335-2-41: 2003+A1:2004+A2:2010
EN809:1998+A1:2009+AC2010
EN55014-1:2006+A1:2009+A2:2011
EN55014-2:1997+A1:2001+A2:2008
EN61000-6-1:2007
EN61000-6-3:2007+A1:2011
EN61000-3-2:2006+A1:2009+A2:2009
EN61000-3-3:2008



Air-condition or cooling system



Industrial washing



Pure water or drinking water botting

Thermal protector
Single phase

Insulation
F

Protection
IP55



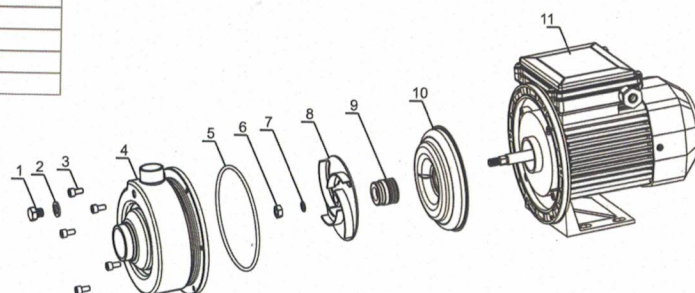
High efficiency / Energy saving / Sturdy / Durable

Technical parameter list

Model	Power(P ₂) kW	(Amps)		Rated head (m)	Rated flow (m³/h)	DNA	DNM	W.G (Kg)	Packing size (mm)
		220V/50Hz	380V/50Hz						
DWO025	0.25	2.0	0.7	9	2.4	G1¼	G1	6.3	300×185×255
DWO037	0.37	2.4	1.0	9	3.6	G1¼	G1	6.5	300×185×255
DWO50	0.37	2.4	1.0	6.5	4.8	G1¼	G1	6.5	325×190×240

NO.	Name
1	Plug
2	Washer
3	Inside hexagonal bolt
4	Pump housing component
5	O-Ring
6	Hexagonal Nut
7	Spring washer
8	Impeller

NO.	Name
9	Mechanical seal
10	Pump Cover
11	Motor



Working conditions

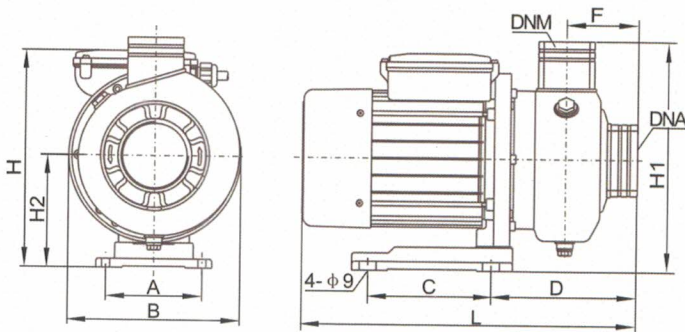
Medium temperature:

Low temperature: -20 ~ +70°C

standard model: +15 ~ +70°C

high temperature: +70 ~ +104°C

Overall dimension



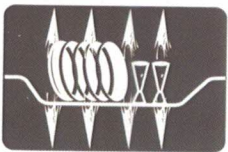
Model	Shape size (mm)									
	A	B	C	D	F	L	H	H1	H2	
DWO100A(T)	120	172	—	159	75	335	216	234	110	
DWO100(T)	120	172	—	159	75	335	216	234	110	
DWO120A(T)	120	172	—	159	75	335	216	234	110	
DWO120(T)	120	172	—	159	75	335	216	234	110	
DWO150(T)	108	193	138	165	82	378	243	258	125	
DWO200(T)	108	193	138	165	82	378	243	258	125	
DWO300(T)	108	193	138	163	82	413	242	258	125	
DWO400(T)	108	193	138	163	82	430	242	258	125	



EN 60335-1: 2012
EN 62233 : 2008
EN 60335-2-41: 2003+A1:2004+A2:2010
EN809:1998+A1:2009+AC2010
EN55014-1:2006+A1:2009+A2:2011
EN55014-2:1997+A1:2001+A2:2008
EN61000-6-1:2007
EN61000-6-3:2007+A1:2011
EN61000-3-2:2006+A1:2009+A2:2009
EN61000-3-3:2008



Air-condition or cooling system



Industrial washing



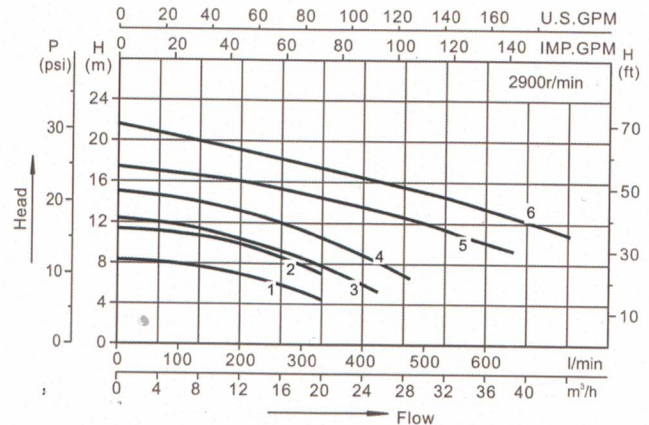
Swimming pool system

Working conditions

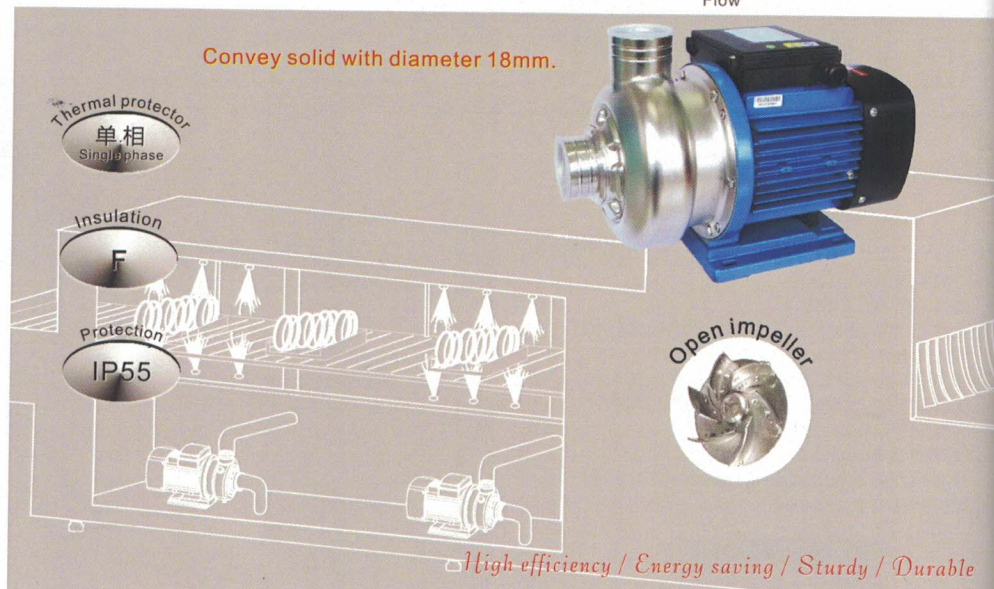
Medium temperature:

Low temperature: -20 ~ +70°C
standard model: +15 ~ +70°C
high temperature: +70 ~ +104°C

Performance curves



Convey solid with diameter 18mm.



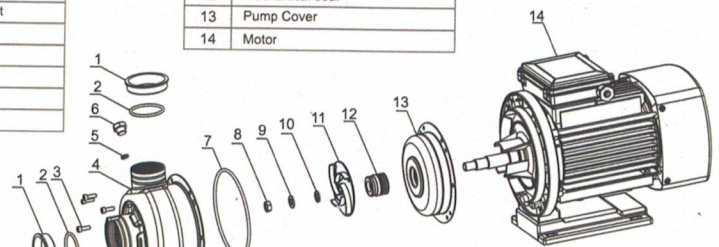
High efficiency / Energy saving / Sturdy / Durable

Technical parameter list

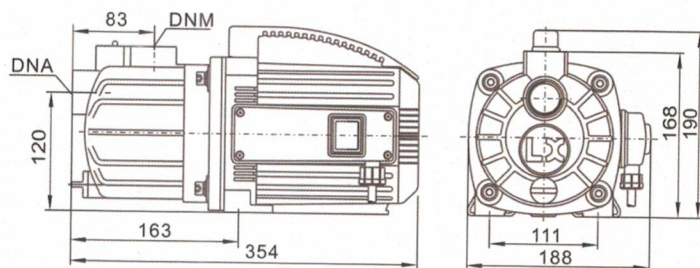
Model	Power(P2) kW	(Amps)		Rated head (m)	Rated flow (m³/h)	Curve	DNA	DNM	W.G (Kg)	Packing size (mm)
		220V/50Hz	380V/50Hz							
DWO100A(T)	0.55	3.8	1.4	7	12	1	G1½	G1½	8.8	380×205×275
DWO100(T)	0.75	5.2	1.8	7	12	1	G1½	G1½	9.8	380×205×275
DWO120A(T)	0.75	5.2	1.8	10	12	2	G1½	G1½	9.8	380×205×275
DWO120(T)	1.0	6.2	2.4	10	12	2	G1½	G1½	10.7	380×205×275
DWO150(T)	1.1	7.0	2.6	7.8	18	3	G2	G2	15.5	430×250×325
DWO200(T)	1.5	9.2	3.5	10.5	18	4	G2	G2	17.5	430×250×325
DWO300(T)	2.2	14	4.9	11	30	5	G2½	G2	21.5	475×250×325
DWO400(T)	3.0	—	6.3	15	30	6	G2½	G2	23.1	490×250×325

NO.	Name
1	Dust cap
2	O-Ring
3	Inside hexagonal bolt
4	Pump housing component
5	O-Ring
6	Plug
7	O-Ring
8	Hexagonal Nut
9	Washer

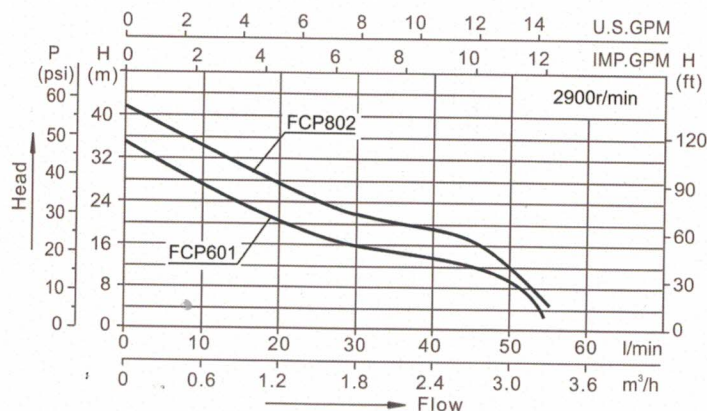
NO.	Name
*10	Spring washer
11	Impeller
12	Mechanical seal
13	Pump Cover
14	Motor



Overall dimension



Performance curves



EN 60335-1: 2012
EN 62233 : 2008
EN 60335-2-41: 2003+A1:2004+A2:2010
EN809:1998+A1:2009+AC2010
EN55014-1:2006+A1:2009+A2:2011
EN55014-2:1997+A1:2001+A2:2008
EN61000-6-1:2007
EN61000-6-3:2007+A1:2011
EN61000-3-2:2006+A1:2009+A2:2009
EN61000-3-3:2008



Garden sprinkling



Cars washing

Working conditions

Medium temperature: 0~+50°C
Environmental temperature: ≤50°C
Max working pressure: 0.5MPa

Thermal protector
Single phase

Insulation
F

Protection
IP55

Max. suction head
8M



High efficiency / Energy savin / Sturdy / Durable

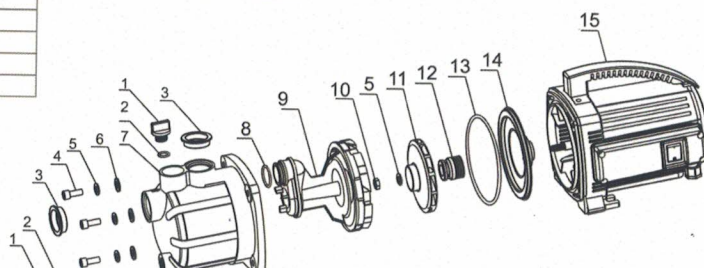
Household type

Technical parameter list

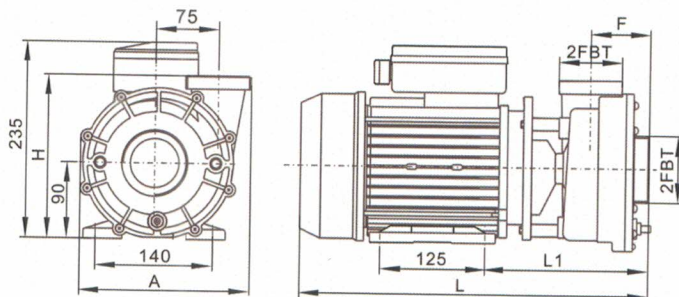
Model	Power(P ₂) kW	(Amps)		Rated head (m)	Rated flow (m³/h)	DNA	DNM	G.W (Kg)	Packing size (mm)
		220V/50Hz	380V/50Hz						
FCP601(T)	0.37	2.4	1.0	17	1.5	G1	G1	7.2	385×215×235
FCP802(T)	0.55	3.8	1.4	22	1.5	G1	G1	7.5	385×215×235

NO.	Name
1	Plug
2	O-Ring
3	Dust cap
4	Inside hexagonal bolt
5	Spring washer
6	washer
7	Pump Casing
8	O-Ring
9	Ejector
10	Hexagonal Nut

NO.	Name
11	Impeller
12	Mechanical seal
13	O-Ring
14	Pump Cover
15	Motor



Overall dimension



Model	Shape size (mm)				
	A	H	L	L1	F
WP200-I	202	197	416	197	73
WP250-I	202	197	416	197	73
WP300-I	202	197	416	197	73
WP400-I	211	210	421	200	75
WP200-II	202	197	434	197	73
WP250-II	202	197	434	197	73
WP300-II	202	197	434	197	73



EN 60335-1: 2012+A11
 EN 60335-2-41: 2003+A1+A2
 EN 60335-2-60: 2003+A1+A2+A11+A12
 EN 62233 : 2008
 ERP547/2012

SAA

AS/NZS60335.1
 AS/NZS60335.2.41



Mariculture circulation filter



Recirculation of water in Bathtub pump

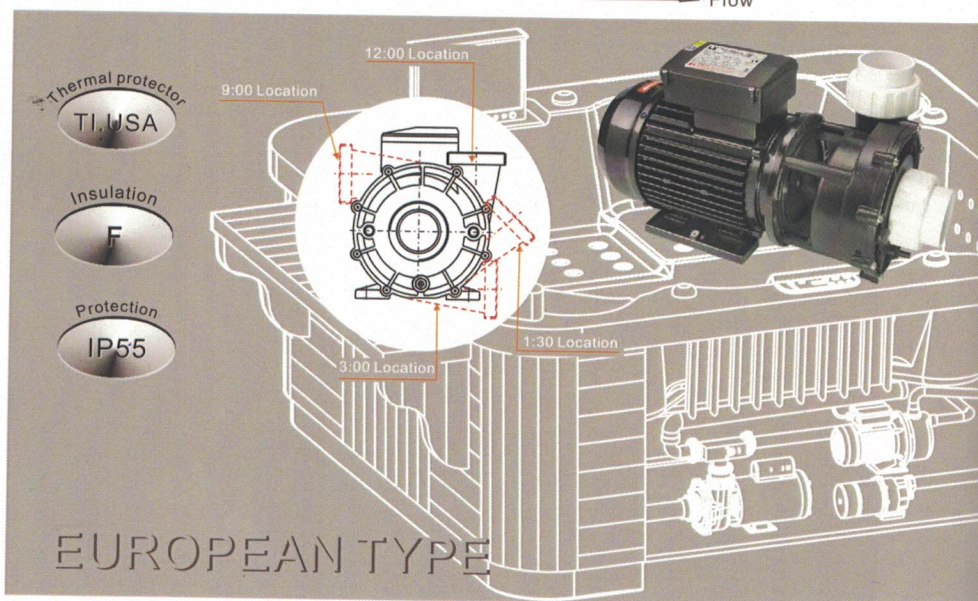
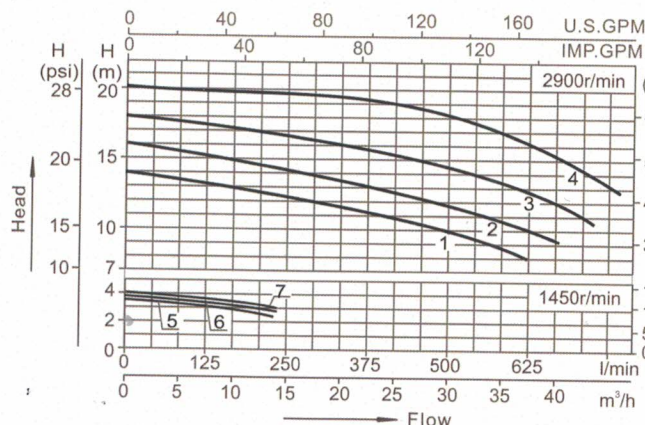


Recirculation of water in SPA equipment

Working conditions

Medium temperature: 5-50°C

Performance curves

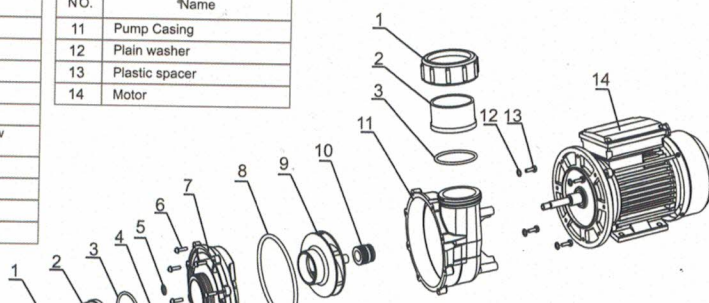


Technical parameter list

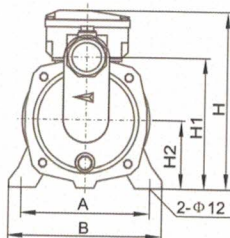
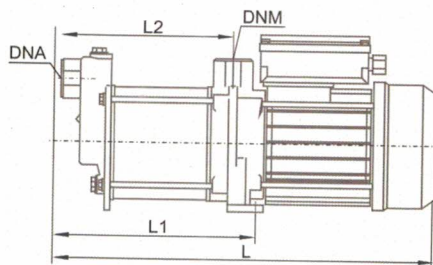
Model	Qmax (l/min)	Hmax (m)	Curves	V/Hz	Power(P1)		Amps	Fitting size (mm)	(Kg)	Packing size (mm)	(Qty/20')
					kW	HP					
WP200-I	620	14	1	220-240/50	1.5	2.0	7.0	60.3or63	15.3	460×235×295	910
WP250-I	670	16	2	220-240/50	1.85	2.5	9.0	60.3or63	16.3	460×235×295	910
WP300-I	730	18	3	220-240/50	2.2	3.0	10	60.3or63	18	460×235×295	910
WP400-I	780	19	4	220-240/50	3.0	4.0	14	60.3or63	19.2	460×235×295	910
WP200-II	620	14	5	220-240/50	(Low speed)0.35	3/8	2.0	60.3or63	15.5	470×235×295	890
					(High speed)1.5	2.0	7.0				
WP250-II	670	16	6	220-240/50	(Low speed)0.4	1/2	2.5	60.3or63	17	470×235×295	890
					(High speed)1.85	2.5	9.0				
WP300-II	730	18	7	220-240/50	(Low speed)0.45	5/8	3.0	60.3or63	18.5	470×235×295	890
					(High speed)2.2	3.0	10				

230V/60Hz, 110V/60Hz, 110V/50Hz models are available on request

NO.	Name	NO.	Name
1	Tie-in Nut	11	Pump Casing
2	Tie	12	Plain washer
3	O-Ring	13	Plastic spacer
4	Hexagon Screw	14	Motor
5	O-Ring		
6	cross raised head screw assembling		
7	Pump Cover		
8	O-Ring		
9	Impeller		
10	Mechanical seal		



Overall dimension



Model	Shape size (mm)						
	A	B	L	L1	L2	H	H2
KM2-9 X 2	141	170	360	167	142	188	145
KM2-9 X 3	141	170	384	191	166	188	145
KM2-9 X 4	141	170	408	215	190	188	145
KM2-9 X 5	141	170	432	239	214	188	145
KM2-9 X 6	141	170	456	263	238	188	145
KM4-9 X 2	141	170	360	167	142	188	145
KM4-9 X 3	141	170	384	191	166	188	145
KM4-9 X 4	141	170	408	215	190	188	145
KM4-9 X 5	121	152	470	245	220	225	155
KM4-9 X 6	121	152	495	269	244	225	155



EN 60335-1: 2012
EN 62233 : 2008
EN 60335-2-41: 2003+A1:2004+A2:2010
EN809:1998+A1:2009+AC2010
EN55014-1:2006+A1:2009+A2:2011
EN55014-2:1997+A1:2001+A2:2008
EN61000-6-1:2007
EN61000-6-3:2007+A1:2011
EN61000-3-2:2006+A1:2009+A2:2009
EN61000-3-3:2008

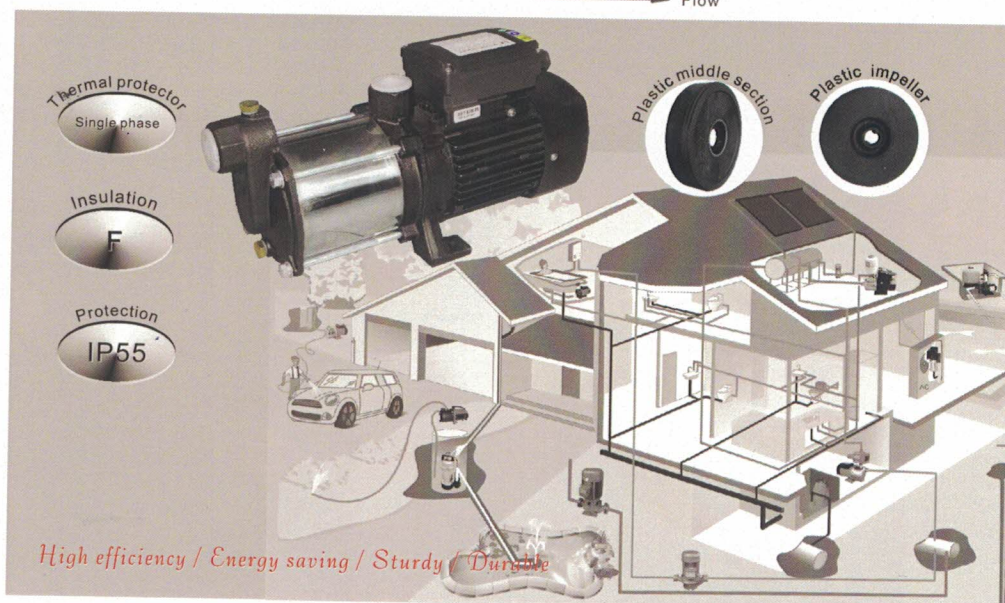
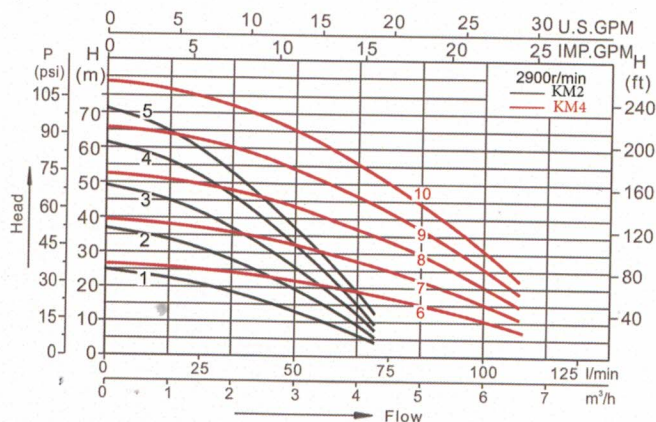


Air-condition or cooling system



Floors of pressurized water supply

Performance curves



High efficiency / Energy saving / Sturdy / Durable

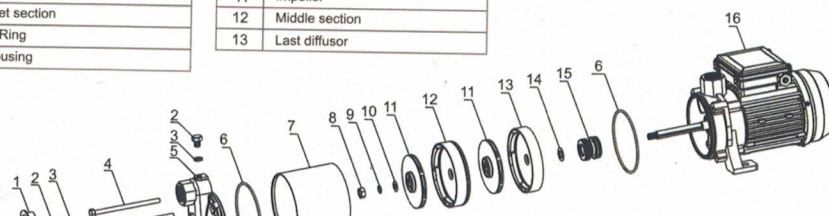
Technical parameter list

Model	Power(P ₂) kW	(Amps)		Rated head (m)	Rated flow (m³/h)	Curve	DNA	DNM	G.W (Kg)	Packing size (mm)
		220V/50Hz	380V/50Hz							
KM2-9 X 2(T)	0.37	2.4	1.0	18	2	1	G1	G1	11	390×185×265
KM2-9 X 3(T)	0.55	3.8	1.4	27	2	2	G1	G1	12.3	415×185×265
KM2-9 X 4(T)	0.75	5.2	1.8	36	2	3	G1	G1	13.8	435×185×265
KM2-9 X 5(T)	1.0	6.2	2.4	45	2	4	G1	G1	15	460×185×265
KM2-9 X 6(T)	1.0	6.2	2.4	54	2	5	G1	G1	15.5	485×185×265
KM4-9 X 2(T)	0.55	3.8	1.4	18	4	6	G1	G1	12.5	390×185×265
KM4-9 X 3(T)	0.75	5.2	1.8	27	4	7	G1	G1	13.8	415×185×265
KM4-9 X 4(T)	1.0	6.2	2.4	36	4	8	G1	G1	14.8	435×185×265
KM4-9 X 5(T)	1.5	9.2	3.5	45	4	9	G1	G1	19.3	460×185×265
KM4-9 X 6(T)	1.5	9.2	3.5	54	4	10	G1	G1	20	485×185×265

NO.	Name
1	Dust cap
2	Plug
3	Washer
4	Hexagonal stud bolt
5	Inlet section
6	O-Ring
7	Housing

NO.	Name
8	Hexagonal Nut
9	Spring washer
10	Washer
11	Impeller
12	Middle section
13	Last diffuser

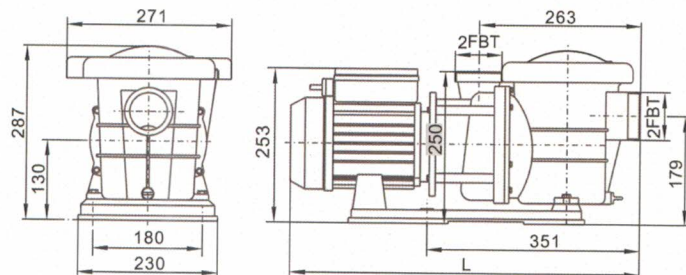
NO.	Name
14	Washer
15	Mechanical seal
16	Motor



Working conditions

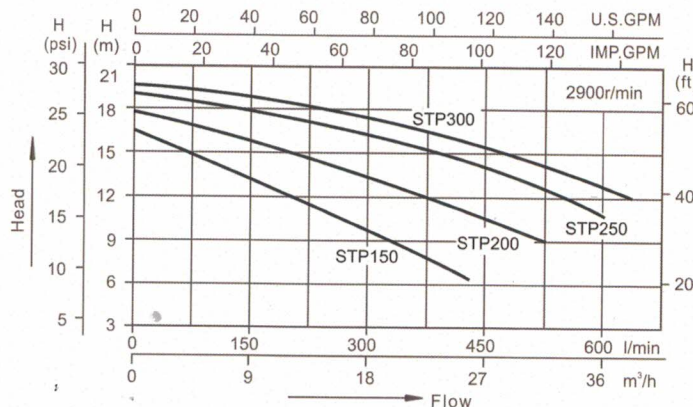
Medium temperature: 0~+50°C

Overall dimension



Model	L
STP150	573
STP200	573
STP250	573
STP300	598

Performance curves



EN 60335-1: 2012+A11
EN 60335-2-41: 2003+A1+A2
EN 62233 : 2008
ZEK 01.04-08/11.11
ERP547 / 2012

SAA

AS/NZS60335.1
AS/NZS60335.2.41



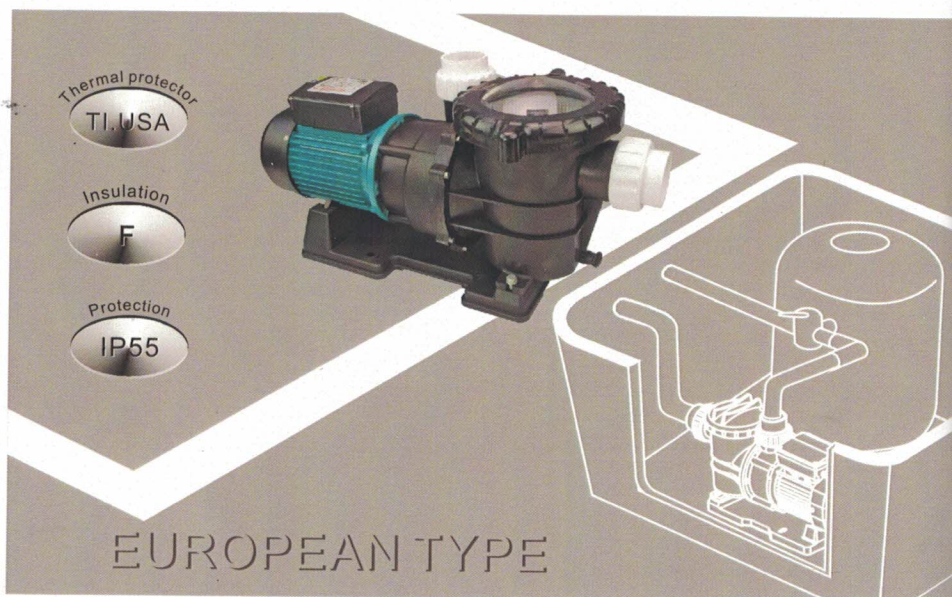
Mariculture circulation filter



Recirculation of water in swimming pool equipment

Working conditions

Medium temperature: 5-50°C
Environmental temperature: ≤50°C
Max. working pressure: 0.3MPa



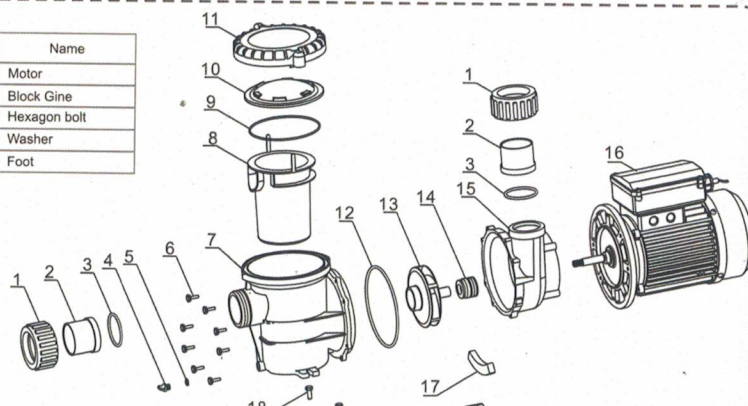
Technical parameter list

Model	Qmax (l/min)	Hmax (m)	V/Hz	Power(P1) kW	HP	(Amps)	Fitting size (mm)	(Kg)	Packing size (mm)	(Qty/20')
STP150	430	16.5	220-240/50	1.1	1.5	5.8	60.3or63	14	605×305×350	449
STP200	520	18	220-240/50	1.5	2.0	7.0	60.3or63	15.5	605×305×350	449
STP250	600	19	220-240/50	1.85	2.5	8.5	60.3or63	16.5	605×305×350	449
STP300	635	19.5	220-240/50	2.2	3.0	10	60.3or63	18	630×305×350	431

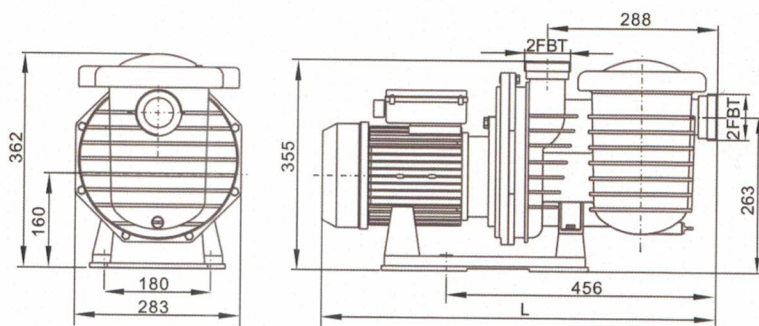
230V/60Hz, 110V/60Hz, 110V/50Hz models are available on request

NO.	Name
1	Tie-in Nut
2	Tie
3	O-Ring
4	Drainage Plug
5	O-Ring
6	Hexagon head bolt and plain washer assembling
7	Pump Cover
8	Filter
9	O-Ring
10	Transparent Cover
11	Gland Cover
12	O-Ring
13	Impeller
14	Mechanical seal
15	Pump Casing

NO.	Name
16	Motor
17	Block Gine
18	Hexagon bolt
19	Washer
20	Foot



Overall dimension



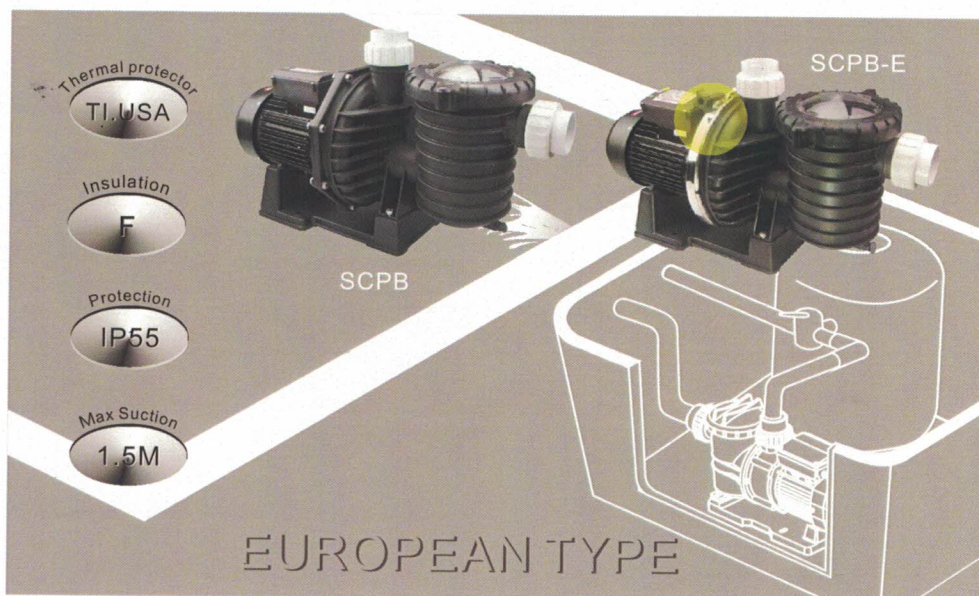
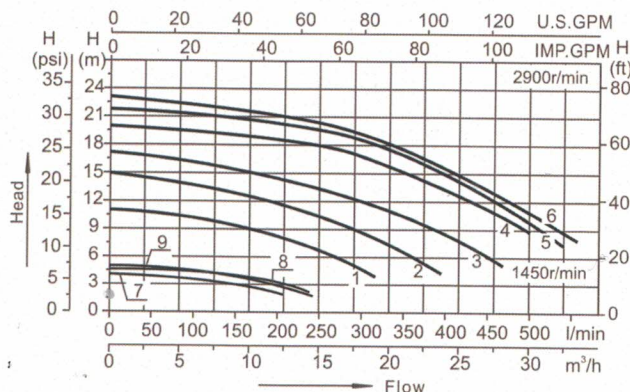
Model	L
SCPB100(E)	635
SCPB150(E)	635
SCPB200(E)	635
SCPB250(E)	635
SCPB300(E)	660
SCPA200(E)-II	684
SCPA250(E)-II	684
SCPA300(E)-II	684
SCPA400(E)	666



Type Approved
Safety
Regular Production
Surveillance
www.tuv.com
ID: 0000021618

EN 60335-1: 2012+A11
EN 60335-2-41: 2003+A1+A2
EN 60335-2-60: 2003+A1+A2+A11+A12
EN 62233 : 2008
ERP547 / 2012

Performance curves



Mariculture circulation filter



Recirculation of water in swimming pool equipment

Technical parameter list

Model	Qmax (l/min)	Hmax (m)	Curves	V/Hz	Power(P1)		Amps	Fitting size (mm)	(Kg)	Packing size (mm)	(Qty/20')
					kW	HP					
SCPB100(E)	360	11	1	220-240/50	0.75	1.0	3.8	60.3or63	13	675×320×420	320
SCPB150(E)	420	15	2	220-240/50	1.1	1.5	5.2	60.3or63	15	675×320×420	320
SCPB200(E)	465	17	3	220-240/50	1.5	2.0	7.0	60.3or63	16	675×320×420	320
SCPB250(E)	505	20	4	220-240/50	1.85	2.5	8.6	60.3or63	17	675×320×420	320
SCPB300(E)	550	22	5	220-240/50	2.2	3.0	10	60.3or63	18	705×320×420	306
SCPA200(E)-II	200	3.5	7	220-240/50	(Low speed)0.35		3/8	60.3or63	19	725×320×420	297
	465	17	3		(High speed)1.5		2.0				
SCPA250(E)-II	280	3.5	8	220-240/50	(Low speed)0.4		1/2	60.3or63	26.5	725×320×420	297
	505	20	4		(High speed)1.85		2.5				
SCPA300(E)-II	300	4	9	220-240/50	(Low speed)0.45		5/8	60.3or63	31	725×320×420	297
	550	22	5		(High speed)2.2		3.0				
SCPA400(E)	600	23.5	6	220-240/50	3.0	4.0	12	60.3or63	22	705×320×420	306

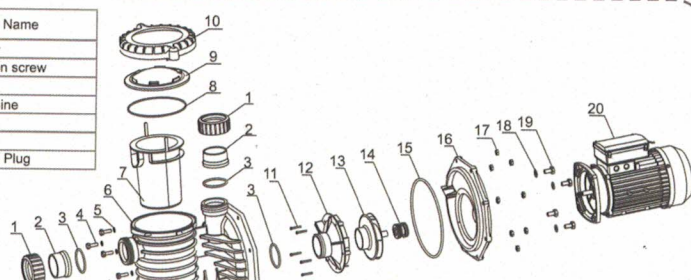
230V/60Hz Version on request

Working conditions

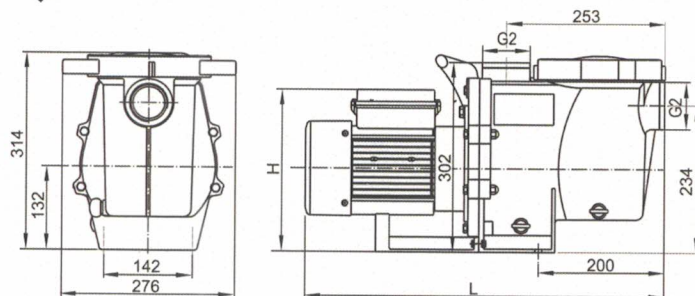
Medium temperature: 5-50℃
Environmental temperature: ≤50℃
Max.working pressure: 0.3MPa

NO.	Name
1	Tie-in Nut
2	Tie
3	O-Ring
4	Hexagon screw
5	Pad
6	Pump Cover
7	Filter
8	O-Ring
9	Transparent Cover
10	Press Cover
11	Cross recessed pan head screws
12	Guide plate
13	Impeller

NO.	Name
18	Washer
19	Hexagon screw
20	Motor
21	Block Gine
22	Foot
23	O-Ring
24	Drainage Plug



Overall dimension



Model	Pentair Model	L	H
SWPB075		572	243
SWPB100	P-WFL-071		
SWPB120			
SWPB150	P-WFL-101		
SWPB200	P-WFL-201		
SWPB250		585	246
SWPB300	P-WFL-301		
SWPA150-I			
SWPA200-I			
SWPA250-I			
SWPA300-I		582	270
SWPA400-I			
SWPA150-II			
SWPA200-II			
SWPA250-II			
SWPA300-II		619	270



Mariculture circulation filter



Recirculation of water in swimming pool equipment

Features

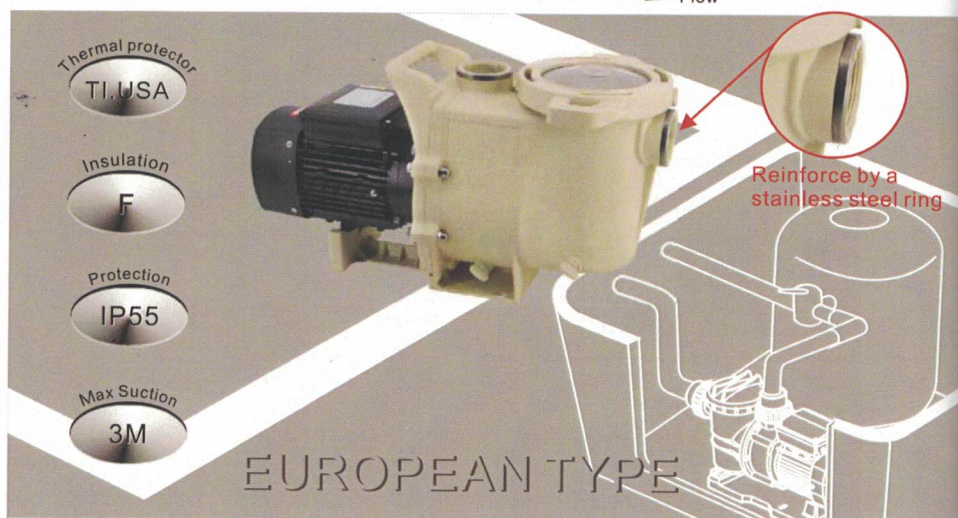
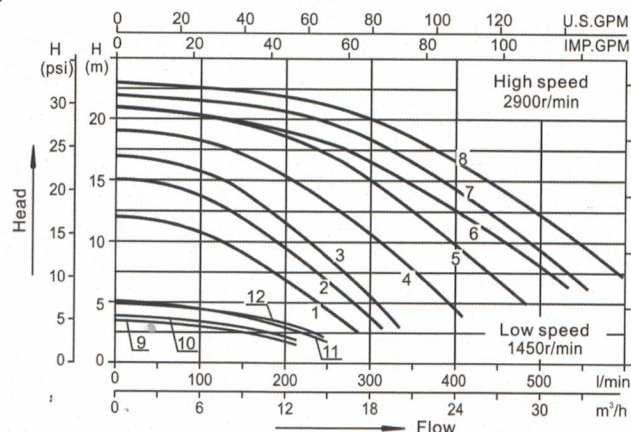
- * This series product is us completely independent development, the overall size is reference to the market habit.
- * The Installation dimensions same as Pentair P - WFL series products;
- * Inlet and outlet be reinforce by a stainless steel ring;
- * Integral structure handle, convenient installation.

Working conditions

Medium temperature: 5-50°C

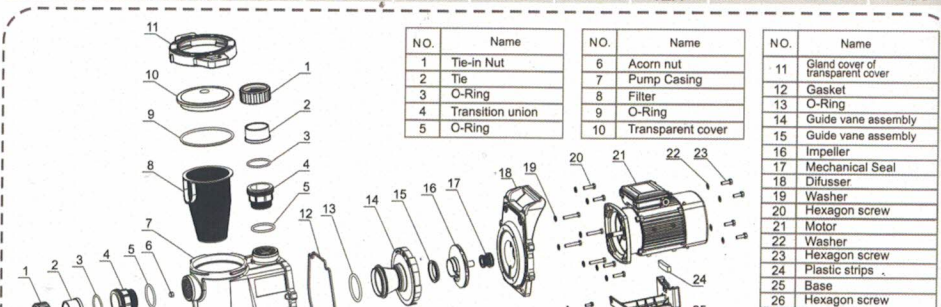
Environmental temperature: ≤50°C

Performance curves



Technical parameter list

Model	Power(P1)		V/Hz	(Amps)	Qmax (l/min)	Hmax (m)	(curves)	Packing size (mm)	(Qty/20')
	kW	HP							
SWPB075	0.55	0.75	220/50	3.2	285	12	1	635×310×370	398
SWPB100	0.75	1.0	220/50	3.8	315	15	2	635×310×370	398
SWPB120	0.9	1.2	220/50	4.6	335	17	3	635×310×370	398
SWPB150	1.1	1.5	220/50	5.4	400	19	4	635×310×370	398
SWPB200	1.5	2.0	220/50	7.0	480	21	5	635×310×370	398
SWPB250	1.85	2.5	220/50	8.6	530	21	6	635×310×370	398
SWPB300	2.2	3.0	220/50	10	550	22	7	635×310×370	398
SWPA150-I	1.1	1.5	220/50	5.4	400	19	4	635×310×370	398
SWPA200-I	1.5	2.0	220/50	7.0	480	21	5	635×310×370	398
SWPA250-I	1.85	2.5	220/50	8.6	530	21	6	635×310×370	398
SWPA300-I	2.2	3.0	220/50	10	550	22	7	635×310×370	398
SWPA400-I	3.0	4.0	220/50	12	600	23	8	635×310×370	398
SWPA150-II	0.3/1.1	3/8 /1.5	220/50	2.2/5.4	400	19	9/4	655×310×370	386
SWPA200-II	0.35/1.5	3/8 /2.0	220/50	2.4/7.0	480	21	10/5	655×310×370	386
SWPA250-II	0.4/1.85	1/2 /2.5	220/50	2.5/8.6	530	21	11/6	655×310×370	386
SWPA300-II	0.45/2.2	5/8 /3.0	220/50	3.0/10	550	22	12/7	655×310×370	386





Technical parameter list

Model	CNP Model	Power P ₂ (kW)	Rated flow (m³/h)	Rated head (m)	Model	CNP Model	Power P ₂ (kW)	Rated flow (m³/h)	Rated head (m)
CM2-20(T)	CHLF2-20	0.37	2	14	CM4-20(T)	CHLF4-20	0.55	4	15
CM2-30(T)	CHLF2-30	0.37		21	CM4-30(T)	CHLF4-30	0.75		22
CM2-40(T)	CHLF2-40	0.55		28	CM4-40(T)	CHLF4-40	0.75		30
CM2-50(T)	CHLF2-50	0.55		35	CM4-50(T)	CHLF4-50	1.0		38
CM2-60(T)	CHLF2-60	0.75		42	CM4-60(T)	CHLF4-60	1.1		45
CM8-10(T)		0.55	8	12	CM8-10B(T)	CHLF8-10	0.55	8	9
CM8-15(T)		0.75		20	CM8-20B(T)	CHLF8-20	0.75		19
CM8-20(T)		1.0		24	CM8-30B(T)	CHLF8-30	1.1		26
CM8-25(T)		1.5		27	CM8-40B(T)	CHLF8-40	1.5		37
CM8-30(T)		1.85		36	CM8-50B(T)	CHLF8-50	2.2		46.5
CM8-35(T)		2.2		43	CM8-60BT	CHLF8-60	3.0		52
CM8-40(T)		2.2		48					
CM12-10(T)		1.0	12	13.5	CM12-10B(T)	CHLF12-10	0.75	12	9.5
CM12-15(T)		1.5		20	CM12-20B(T)	CHLF12-20	1.1		19.5
CM12-20(T)		1.85		28	CM12-30B(T)	CHLF12-30	1.85		29.5
CM12-25(T)		2.2		33.5	CM12-40B(T)	CHLF12-40	2.2		39.5
CM12-30T		3.0		39	CM12-50BT	CHLF12-50	3.0		50
CM16-10(T)	CHLF16-10	1.0	16	10	CM20-10(T)	CHLF20-10	1.0	20	10.5
CM16-20(T)	CHLF16-20	1.5		20	CM20-20(T)	CHLF20-20	1.85		20
CM16-30(T)	CHLF16-30	2.2		30	CM20-30T	CHLF20-30	3.0		31.5
CM16-40T	CHLF16-40	3.0		40	CM20-40T	CHLF20-40	4.0		40
Model	CNP Model	Power P ₂ (kW)	Rated flow (m³/h)	Rated head (m)	Model	CNP Model	Power P ₂ (kW)	Rated flow (m³/h)	Rated head (m)
CM2-20(T)	CHLF2-20	0.37	2	20	CM4-20(T)	CHLF4-20	0.75	4	24
CM2-30(T)	CHLF2-30	0.55		31	CM4-30(T)	CHLF4-30	1.0		36
CM2-40(T)	CHLF2-40	0.75		42	CM4-40(T)	CHLF4-40	1.1		42
CM2-50(T)	CHLF2-50	0.75		51					
CM2-60(T)	CHLF2-60	1.0		63					
CM8-10(T)		1.0	8	18	CM8-10B(T)	CHLF8-10	0.75	8	12
CM8-15(T)		1.5		28	CM8-20B(T)	CHLF8-20	1.5		25
CM8-20(T)		1.85		36	CM8-30B(T)	CHLF8-30	2.2		39
CM8-25(T)		2.2		46	CM8-40BT	CHLF8-40	3.0		52
CM8-30T		3.0		58	CM8-50BT	CHLF8-50	3.0		65
CM12-10(T)		1.5	12	18	CM12-10B(T)	CHLF12-10	1.1	12	15
CM12-15(T)		2.2		34	CM12-20B(T)	CHLF12-20	2.2		31
CM12-20T		3.0		36	CM12-30BT	CHLF12-30	3.0		48
					CM12-40BT	CHLF12-40	4.0		65
CM16-10(T)	CHLF16-10	1.5	16	14	CM20-10(T)	CHLF20-10	1.85	20	16
CM16-20T	CHLF16-20	3.0		28	CM20-20T	CHLF20-20	4.0		32
CM16-30T	CHLF16-30	4.0		42					



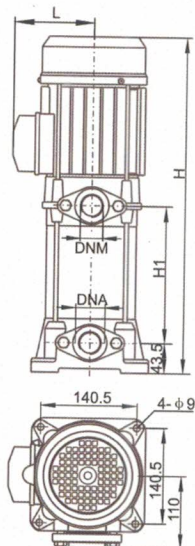
Technical parameter list

Model	CNP Model	Power P ₂ (kW)	Rated flow (m ³ /h)	Rated head (m)	Model	CNP Model	Power P ₂ (kW)	Rated flow (m ³ /h)	Rated head (m)
CMF2-20(T)	CHL2-20	0.37	2	14	CMF4-20(T)	CHL4-20	0.55	4	15
CMF2-30(T)	CHL2-30	0.37		21	CMF4-30(T)	CHL4-30	0.75		22
CMF2-40(T)	CHL2-40	0.55		28	CMF4-40(T)	CHL4-40	0.75		30
CMF2-50(T)	CHL2-50	0.55		35	CMF4-50(T)		1.0		38
CMF2-60(T)	CHL2-60	0.75		42	CMF4-60(T)		1.1		45
CMF8-10(T)		0.55	8	12	CMF8-10B(T)	CHL8-10	0.55	8	9
CMF8-15(T)		0.75		20	CMF8-20B(T)	CHL8-20	0.75		19
CMF8-20(T)		1.0		24	CMF8-30B(T)	CHL8-30	1.1		26
CMF8-25(T)		1.5		27	CMF8-40B(T)	CHL8-40	1.5		37
CMF8-30(T)		1.85		36	CMF8-50B(T)	CHL8-50	2.2		46.5
CMF8-35(T)		2.2		43					
CMF8-40(T)		2.2		48					
CMF12-10(T)		1.0	12	13.5	CMF12-10B(T)	CHL12-10	0.75	12	9.5
CMF12-15(T)		1.5		20	CMF12-20B(T)	CHL12-20	1.1		19.5
CMF12-20(T)		1.85		28	CMF12-30B(T)	CHL12-30	1.85		29.5
CMF12-25(T)		2.2		33.5	CMF12-40B(T)	CHL12-40	2.2		39.5
CMF12-30T		3.0		39	CMF12-50BT	CHL12-50	3.0		50
CMF16-10(T)	CHL16-10	1.0	16	10	CMF20-10(T)	CHL20-10	1.0	20	10.5
CMF16-20(T)	CHL16-20	1.5		20	CMF20-20(T)	CHL20-20	1.85		20
CMF16-30(T)	CHL16-30	2.2		30	CMF20-30T	CHL20-30	3.0		31.5
Model	CNP Model	Power P ₂ (kW)	Rated flow (m ³ /h)	Rated head (m)	Model	CNP Model	Power P ₂ (kW)	Rated flow (m ³ /h)	Rated head (m)
CMF2-20(T)	CHL2-20	0.37	2	20	CMF4-20(T)	CHL4-20	0.75	4	24
CMF2-30(T)	CHL2-30	0.55		31	CMF4-30(T)	CHL4-30	1.0		36
CMF2-40(T)	CHL2-40	0.75		42	CMF4-40(T)	CHL4-40	1.1		42
CMF2-50(T)	CHL2-50	0.75		51					
CMF2-60(T)	CHL2-60	1.0		63					
CMF8-10(T)		1.0	8	18	CMF8-10B(T)	CHL8-10	0.75	8	12
CMF8-15(T)		1.5		28	CMF8-20B(T)	CHL8-20	1.5		25
CMF8-20(T)		1.85		36	CMF8-30B(T)	CHL8-30	2.2		39
CMF8-25(T)		2.2		46	CMF8-40BT	CHL8-40	3.0		52
CMF8-30T		3.0		58	CMF8-50BT	CHL8-50	3.0		65
CMF12-10(T)		1.5	12	18	CMF12-10B(T)	CHL12-10	1.1	12	15
CMF12-15(T)		2.2		34	CMF12-20B(T)	CHL12-20	2.2		31
CMF12-20T		3.0		36	CMF12-30BT	CHL12-30	3.0		48
CMF16-10(T)	CHL16-10	1.5	16	14	CMF20-10(T)	CHL20-10	1.85	20	16
CMF16-20T	CHL16-20	3.0		28	CMF20-20T	CHL20-20	4.0		32
CMF16-30T	CHL16-30	4.0		42					

Selection of pumps

1. Ensure the rated flow(Q)and rated head(H),see list of technical parameters of rated work point parameters, determine the pump type and power of motor .(Single-phase:220-240V, Three-phase:380-415V))
2. Ensure the Voltage(V), Frequency(Hz) and Phase(PH) of the motor, specially pay attention to the frequency of the user area.
3. Refer to the liquid temperature, ensure the different material of the pump (SUS304, SUS316) and different mechanical seal.
4. Refer to the option manual of CMF, CM, CMH for the information of dimension, performance and the structure.

Overall dimension



Model	Shape size (mm)		
	L	H	H1
VM2-9×2(T)	132	380	121
VM2-9×3(T)	132	405	145
VM2-9×4(T)	132	430	168
VM2-9×5(T)	132	455	193
VM2-9×6(T)	132	478	217
VM2-9×7(T)	140	538	249
VM2-9×8(T)	140	562	273
VM2-9×9(T)	140	586	297
VM4-9×2(T)	132	380	121
VM4-9×3(T)	132	405	145
VM4-9×4(T)	132	430	169
VM4-9×5(T)	140	490	201
VM4-9×6(T)	140	514	225
VM4-9×7(T)	140	538	249
VM4-9×8(T)	140	562	273



EN 60335-1: 2012
EN 62233 : 2008
EN 60335-2-41: 2003+A1:2004+A2:2010
EN809:1998+A1:2009+AC2010
EN55014-1:2006+A1:2009+A2:2011
EN55014-2:1997+A1:2001+A2:2008
EN61000-6-1:2007
EN61000-6-3:2007+A1:2011
EN61000-3-2:2006+A1:2009+A2:2009
EN61000-3-3:2008

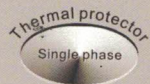
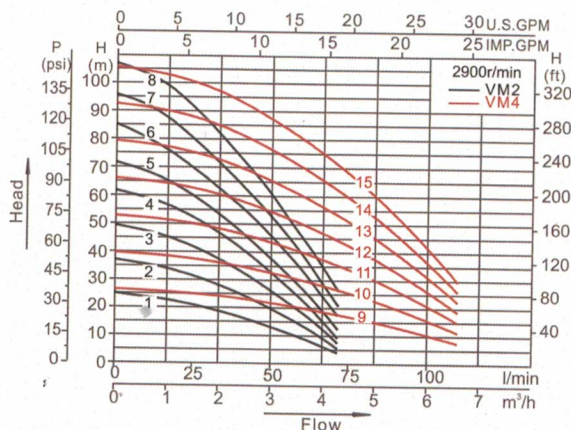


Air-condition or cooling system



Floors of pressurized water supply
Fire fighting system

Performance curves



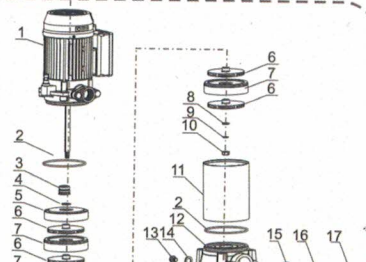
High efficiency / Energy saving / Sturdy / Durable

Technical parameter list

Model	Power(P ₂) kW	(Amps)		Rated head (m)	Rated flow (m³/h)	Curve	DNA	DNM	G.W (Kg)	Packing size (mm)
		220V/50Hz	380V/50Hz							
VM2-9×2(T)	0.37	2.4	1.0	18	2	1	G1	G1	15.5	435×220×300
VM2-9×3(T)	0.55	3.8	1.4	27	2	2	G1	G1	16	460×220×300
VM2-9×4(T)	0.75	5.2	1.8	36	2	3	G1	G1	17	485×220×300
VM2-9×5(T)	1.0	6.2	2.4	45	2	4	G1	G1	18	510×220×300
VM2-9×6(T)	1.0	6.2	2.4	54	2	5	G1	G1	19	535×220×300
VM2-9×7(T)	1.1	7.0	2.6	63	2	6	G1	G1	22	595×220×300
VM2-9×8(T)	1.5	9.2	3.5	72	2	7	G1	G1	23	615×220×300
VM2-9×9(T)	1.5	9.2	3.5	81	2	8	G1	G1	24	640×220×300
VM4-9×2(T)	0.55	3.8	1.4	18	4	9	G1	G1	16	435×220×300
VM4-9×3(T)	0.75	5.2	1.8	27	4	10	G1	G1	17	460×220×300
VM4-9×4(T)	1.0	6.2	2.4	36	4	11	G1	G1	18	485×220×300
VM4-9×5(T)	1.5	9.2	3.5	45	4	12	G1	G1	20	545×220×300
VM4-9×6(T)	1.5	9.2	3.5	54	4	13	G1	G1	23	570×220×300
VM4-9×7(T)	2.2	14	4.9	63	4	14	G1	G1	24	595×220×300
VM4-9×8(T)	2.2	14	4.9	72	4	15	G1	G1	26	615×220×300

NO.	Name
1	Motor
2	O-Ring
3	Mechanical Seal
4	Impeller pad
5	Last diffuser
6	Impeller
7	Middle section
8	Washer
9	Spring washer
10	Hexagonal Nut

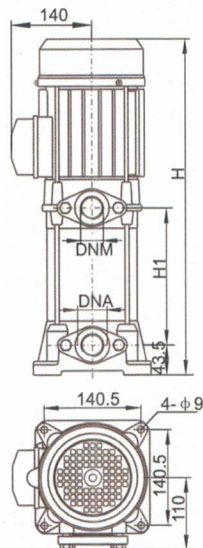
NO.	Name
13	Plug
14	Plug pad
15	Inlet flange pad
16	Inlet flange
17	Hexagon bolt
18	Washer
19	Spring washer
20	Hexagon bolt



Working conditions

Medium temperature: 0 ~ +50°C;

Overall dimension



Model	Shape size (mm)	
	H	H1
VM6-8.5×3(T)	480	191
VM6-8.5×4(T)	517	228
VM6-8.5×5(T)	554	266
VM6-8.5×6(T)	591	302
VM6-8.5×7T	668	339
VM6-8.5×8T	705	376



EN 60335-1: 2012
EN 62233 : 2008
EN 60335-2-41: 2003+A1:2004+A2:2010
EN809:1998+A1:2009+AC2010
EN55014-1:2006+A1:2009+A2:2011
EN55014-2:1997+A1:2001+A2:2008
EN61000-6-1:2007
EN61000-6-3:2007+A1:2011
EN61000-3-2:2006+A1:2009+A2:2009
EN61000-3-3:2008

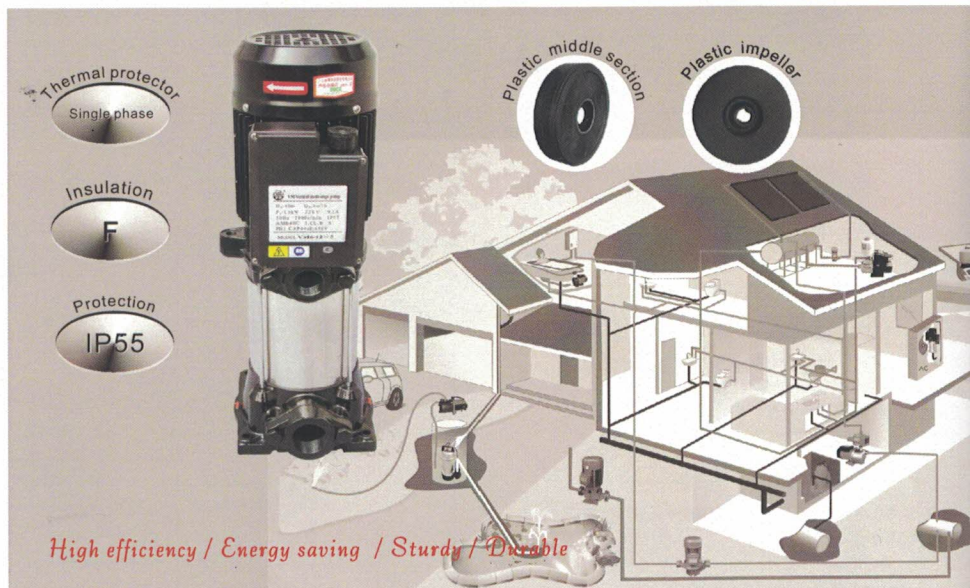
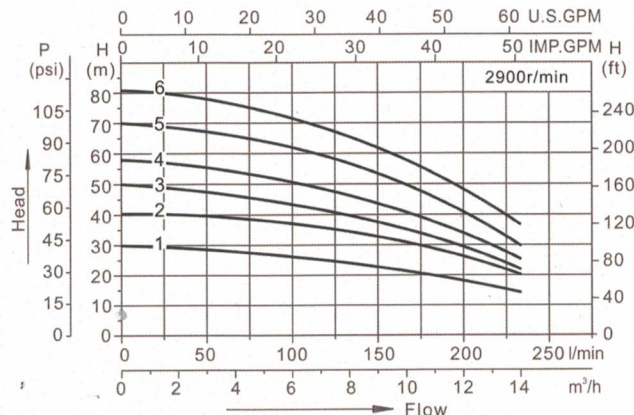


Air-condition or cooling system



Floors of pressurized water supply
Fire fighting system

Performance curves



Technical parameter list

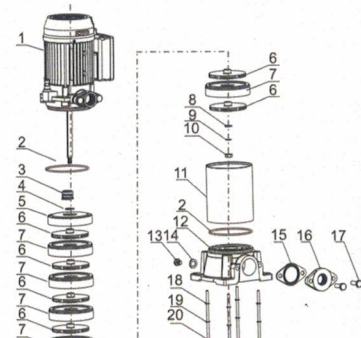
Model	Power(P2) kW	(Amps)		Rated head (m)	Rated flow (m³/h)	Curve	DNA	DNM	G.W (Kg)	Packing size (mm)
		220V/50Hz	380V/50Hz							
VM6-8.5×3(T)	1.1	7.0	2.6	26	6	1	G1½	G1½	20	495×220×300
VM6-8.5×4(T)	1.5	9.2	3.5	34	6	2	G1½	G1½	21	570×220×300
VM6-8.5×5(T)	2.2	14	4.9	43	6	3	G1½	G1½	22	610×220×300
VM6-8.5×6(T)	2.2	14	4.9	51	6	4	G1½	G1½	23	645×220×300
VM6-8.5×7T	3.0	—	6.3	60	6	5	G1½	G1½	25	720×220×300
VM6-8.5×8T	3.0	—	6.3	68	6	6	G1½	G1½	26	760×220×300

Working conditions

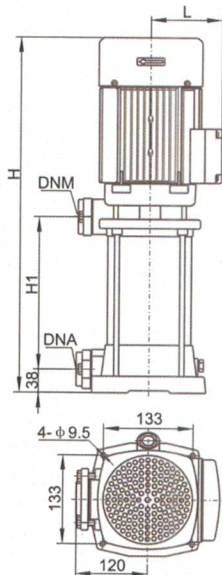
Medium temperature: 0~+50℃
Environmental temperature: ≤50℃
Max working pressure: 1.0MPa

NO.	Name
1	Motor
2	O-Ring
3	Mechanical Seal
4	Impeller pad
5	Last diffuser
6	Impeller
7	Middle section
8	Washer
9	Spring washer
10	Hexagonal Nut
11	Housing
12	Inlet flange

NO.	Name
13	Plug
14	Plug pad
15	Inlet flange pad
16	Inlet flange
17	Hexagon bolt
18	Washer
19	Spring washer
20	Hexagon bolt



Overall dimension



Model	Shape size (mm)		
	L	H	H1
CVE125-4(T)	116	502	190
CVE125-6(T)	116	555	239
CVE125-8T	142	668	288
CVE125-10T	142	718	337
CVE205-3(T)	116	503	171
CVE205-4(T)	116	543	250
CVE205-6T	142	710	329
CVE205-7T	142	750	369



EN 60335-1: 2012
EN 62233 : 2008
EN 60335-2-41: 2003+A1:2004+A2:2010
EN809:1998+A1:2009+AC2010
EN55014-1:2006+A1:2009+A2:2011
EN55014-2:1997+A1:2001+A2:2008
EN61000-6-1:2007
EN61000-6-3:2007+A1:2011
EN61000-3-2:2006+A1:2009+A2:2009
EN61000-3-3:2008

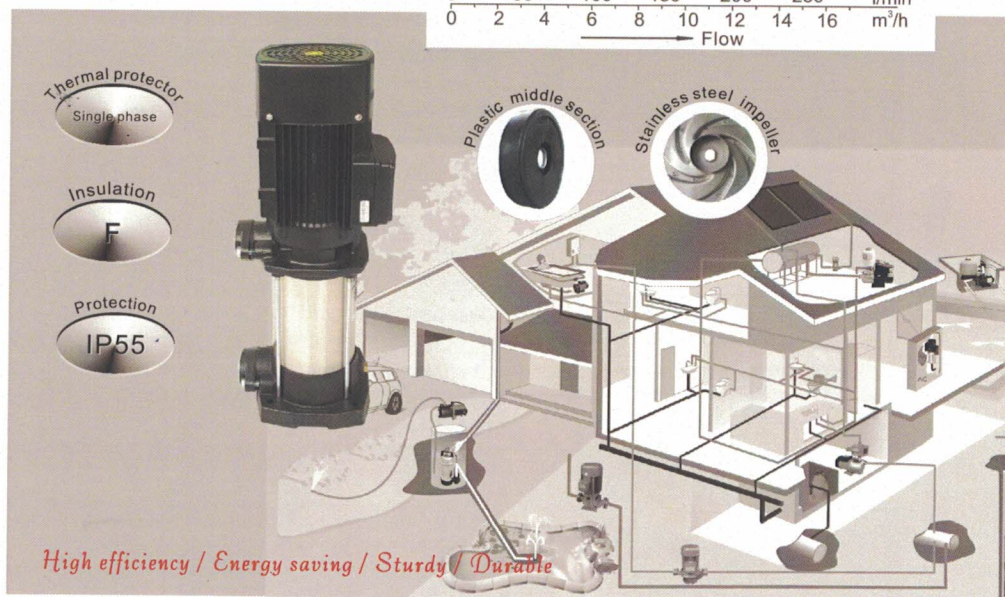
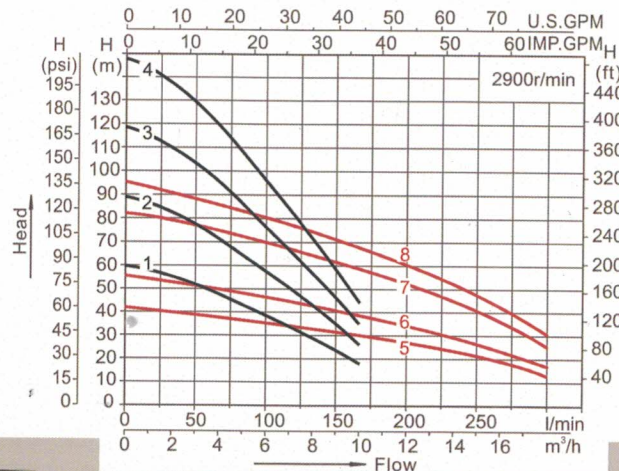


Air-condition or cooling system



Floors of pressurized water supply
Fire fighting system

Performance curves



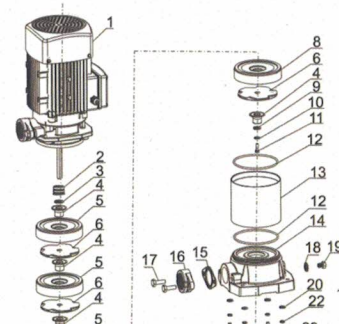
High efficiency / Energy saving / Sturdy / Durable

Technical parameter list

Model	Power(P ₂) kW	(Amps)		Rated head (m)	Rated flow (m³/h)	Curve	DNA	DNM	G.W (Kg)	Packing size (mm)
		220V/50Hz	380V/50Hz							
CVE125-4(T)	1.5	9.2	3.5	34	6	1	G1½	G1¼	27	610×310×360
CVE125-6(T)	2.2	14	4.9	58	6	2	G1½	G1¼	31.9	610×310×360
CVE125-8T	3.0	—	6.3	77	6	3	G1½	G1¼	38.2	790×340×380
CVE125-10T	4.0	—	9.6	96	6	4	G1½	G1¼	43	790×340×380
CVE205-3(T)	1.5	9.2	3.5	24	12	5	G1½	G1¼	27.6	610×310×360
CVE205-4(T)	2.2	14	4.9	32	12	6	G1½	G1¼	30	610×310×360
CVE205-6T	3.0	—	6.3	51	12	7	G1½	G1¼	38	790×340×380
CVE205-7T	4.0	—	9.6	60	12	8	G1½	G1¼	42.7	790×340×380

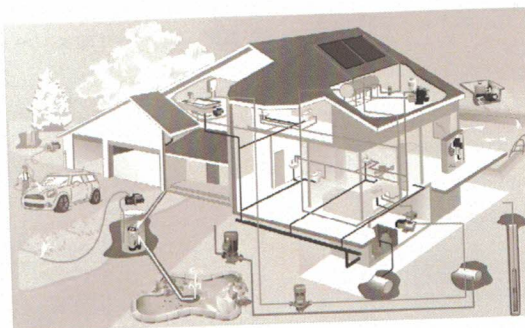
NO.	Name
1	Motor
2	Mechanical Seal
3	Impeller pad
4	Shaft sleeve
5	Middle section
6	Impeller
7	Bearing sleeve
8	Diffuser with bearing
9	Washer
10	Spring washer
11	Hexagon bolt
12	O-Ring
13	Housing

NO.	Name
14	Inlet flange
15	Inlet flange pad
16	Inlet flange
17	Hexagon bolt
18	Plug pad
19	Plug
20	Washer
21	Spring washer
22	Hexagon bolt



Working conditions

Medium temperature: 0 ~ +50°C;
Environmental temperature: ≤50°C



Thermal protector
Single phase

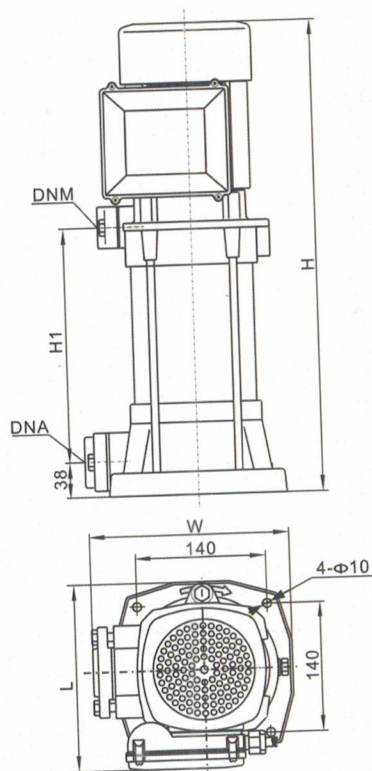
Insulation
F

Protection
IP55

Technical parameter list

Model	Power(P ₂) kW	(Amps)		Rated flow (m ³ /h)	Rated head (m)	DNA	DNM	Overall dimension					
		220V	380V					W	H1	Single-phase		Three-phase	
										L	H	L	H
CVM1-7x2(T)	0.25	2.0	0.7	1	14	G1	G1	213	128	190	365	187	365
CVM1-7x3(T)	0.25	2.0	0.7	1	21	G1	G1	213	152	190	389	187	389
CVM1-7x4(T)	0.37	2.4	1.0	1	28	G1	G1	213	176	190	413	187	413
CVM1-7x5(T)	0.37	2.4	1.0	1	35	G1	G1	213	200	190	437	187	437
CVM1-7x6(T)	0.55	3.8	1.4	1	42	G1	G1	213	224	190	461	187	461
CVM1-7x7(T)	0.55	3.8	1.4	1	49	G1	G1	213	248	190	485	187	485
CVM1-7x8(T)	0.75	5.2	1.8	1	56	G1	G1	213	272	199	530	196	530
CVM1-7x9(T)	0.75	5.2	1.8	1	63	G1	G1	213	296	199	554	196	554
CVM1-7x11(T)	0.75	5.2	1.8	1	77	G1	G1	213	344	199	602	196	602
CVM1-7x13(T)	1.0	6.2	2.4	1	91	G1	G1	213	392	202	650	196	650
CVM2-9x2(T)	0.37	2.4	1.0	2	18	G1	G1	213	128	190	365	187	365
CVM2-9x3(T)	0.55	3.8	1.4	2	27	G1	G1	213	152	190	389	187	389
CVM2-9x4(T)	0.75	5.2	1.8	2	36	G1	G1	213	176	199	434	196	434
CVM2-9x5(T)	1.0	6.2	2.4	2	45	G1	G1	213	200	202	458	196	458
CVM2-9x6(T)	1.0	6.2	2.4	2	54	G1	G1	213	224	202	482	196	482
CVM2-9x7(T)	1.1	7.0	2.6	2	63	G1	G1	213	254	207	540	197	540
CVM2-9x8(T)	1.5	9.2	3.5	2	72	G1	G1	213	278	219	564	197	564
CVM2-9x9(T)	1.5	9.2	3.5	2	81	G1	G1	213	302	219	588	197	588
CVM2-9x11(T)	1.85	13	4.1	2	99	G1	G1	213	350	236	678	197	678
CVM2-9x13(T)	2.2	14	4.9	2	117	G1	G1	213	398	236	726	197	726
CVM4-9x2(T)	0.55	3.8	1.4	4	18	G1	G1	213	128	190	365	187	365
CVM4-9x3(T)	0.75	5.2	1.8	4	27	G1	G1	213	152	199	410	196	410
CVM4-9x4(T)	1.0	6.2	2.4	4	36	G1	G1	213	176	202	434	196	434
CVM4-9x5(T)	1.5	9.2	3.5	4	45	G1	G1	213	206	219	492	197	492
CVM4-9x6(T)	1.5	9.2	3.5	4	54	G1	G1	213	230	219	516	197	516
CVM4-9x7(T)	1.85	13	4.1	4	63	G1	G1	213	254	236	540	197	540
CVM4-9x8(T)	2.2	14	4.9	4	72	G1	G1	213	278	236	564	197	564
CVM4-9x10T	2.2	14	4.9	4	90	G1	G1	213	326	—	—	197	612
CVM4-9x12T	3.0	—	6.3	4	108	G1	G1	213	374	—	—	214	702
CVM6-9x3(T)	1.1	7.0	2.6	6	27	G1 1/4	G1 1/4	213	158	199	453	197	453
CVM6-9x4(T)	1.5	9.2	3.5	6	36	G1 1/4	G1 1/4	213	186	219	481	197	481
CVM6-9x5(T)	1.85	13	4.1	6	45	G1 1/4	G1 1/4	213	214	236	552	197	509
CVM6-9x6(T)	2.2	14	4.9	6	54	G1 1/4	G1 1/4	213	242	236	580	197	537
CVM6-9x8T	3.0	—	6.3	6	72	G1 1/4	G1 1/4	213	308	—	—	214	636
CVM6-9x10T	4.0	—	8.2	6	90	G1 1/4	G1 1/4	215	361	—	—	254	736
CVM6-9x12T	5.5	—	11.1	6	108	G1 1/4	G1 1/4	215	417	—	—	254	822
CVM8-9x2(T)	1.1	7.0	2.6	8	18	G1 1/2	G1 1/4	213	153	207	448	197	448
CVM8-9x3(T)	1.1	7.0	2.6	8	27	G1 1/2	G1 1/4	213	192	207	487	197	487
CVM8-9x4(T)	1.5	9.2	3.5	8	36	G1 1/2	G1 1/4	213	231	219	526	197	526
CVM8-9x5T	2.2	—	4.9	8	45	G1 1/2	G1 1/4	213	270	—	—	197	565
CVM8-9x6T	3.0	—	6.3	8	54	G1 1/2	G1 1/4	213	318	—	—	214	645
CVM12-8.5x2(T)	1.1	7.0	2.6	12	17	G1 1/2	G1 1/4	213	153	207	448	197	448
CVM12-8.5x3(T)	1.5	9.2	3.5	12	26	G1 1/2	G1 1/4	213	192	219	487	197	487
CVM12-8.5x4(T)	2.2	14	4.9	12	34	G1 1/2	G1 1/4	213	231	234	568	197	526
CVM12-8.5x6T	3.0	—	6.3	12	51	G1 1/2	G1 1/4	213	318	—	—	214	645
CVM12-8.5x7T	4.0	—	8.2	12	60	G1 1/2	G1 1/4	213	353	—	—	243	726

Overall dimension



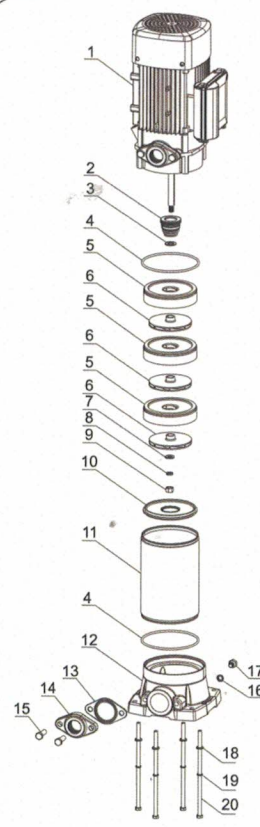
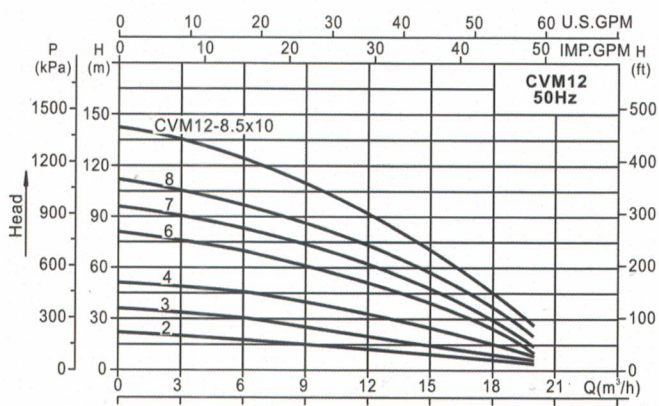
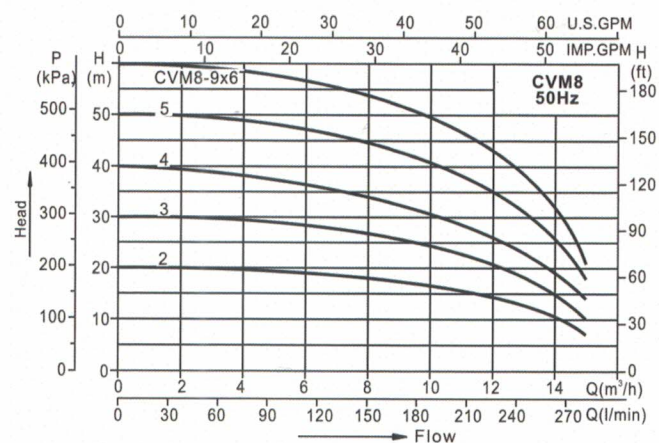
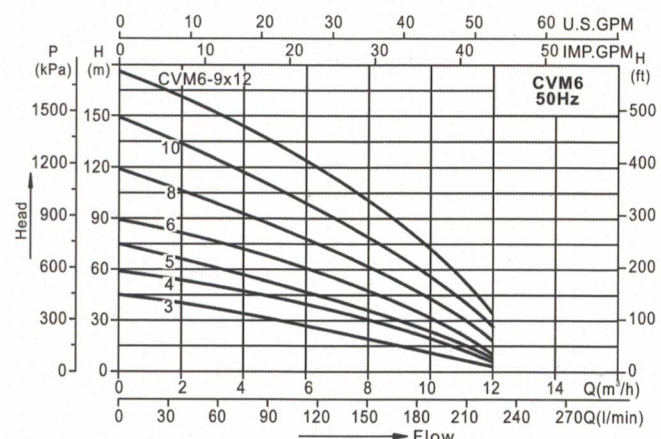
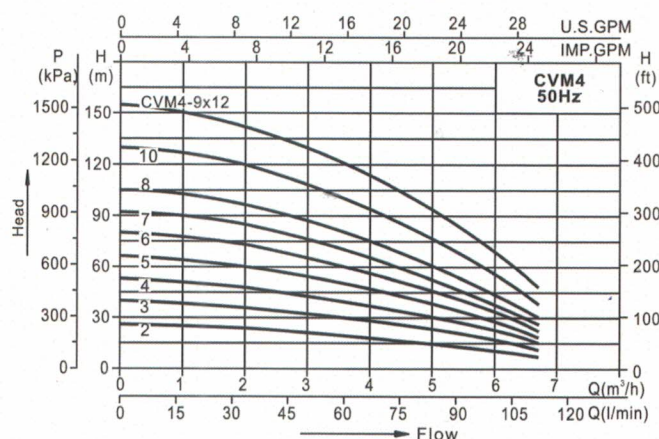
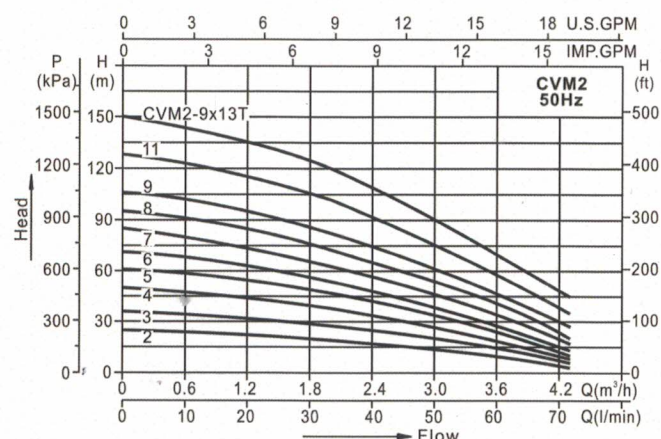
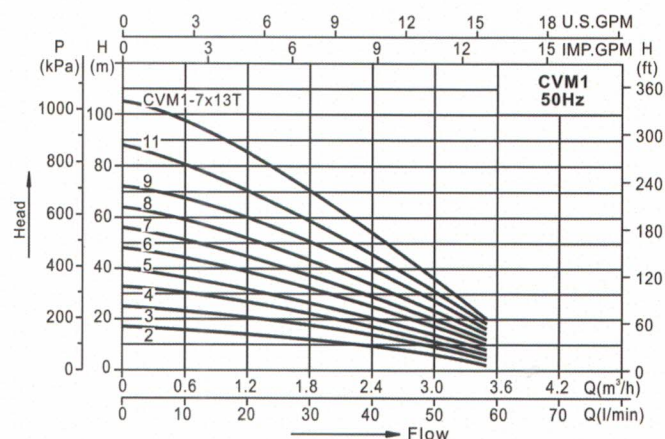
Working conditions

Medium temperature: 0~+50°C

Environmental temperature: ≤+50°C



Performance curves



No.	Name
1	Motor
2	Mechanical Seal
3	Seal gasket
4	O-Ring
5	Diffusor
6	Impeller
7	Washer
8	spring washer
9	Hexagon lock nut
10	Diffuser panel
11	Housing
12	Inlet Section
13	Flange pad
14	Flange
15	Hexagon bolt
16	Plug Pad
17	Plug
18	Washer
19	Spring washer
20	Hexagon bolt

CA 65-50-200 / 15T

Motor power P2: 15kW

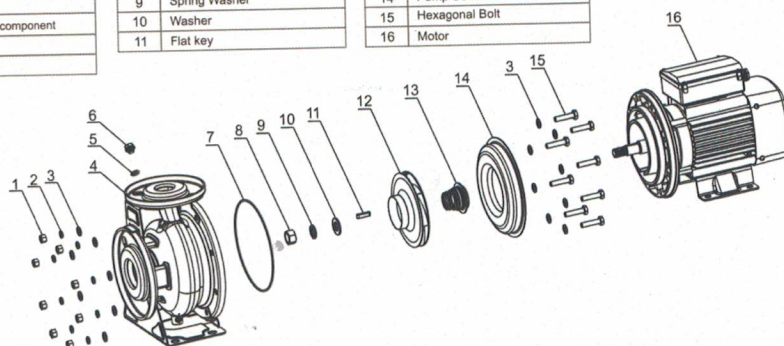
Impeller nominal diameter: 200mm

Outlet flange: DN50

Inlet flange: DN65

CA stainless steel centrifugal pump

NO.	Name	NO.	Name	NO.	Name
1	Hexagonal Nut	7	O-Ring	12	Impeller
2	Spring Washer	8	Hexagonal Nut	13	Mechanical seal
3	Washer	9	Spring Washer	14	Pump Cover
4	Pump housing component	10	Washer	15	Hexagonal Bolt
5	O-Ring	11	Flat key	16	Motor
6	Plug				



EN 60335-1: 2012
 EN 62233 : 2008
 EN 60335-2-41: 2003+A1:2004+A2:2010
 EN809:1998+A1:2009+AC2010
 EN55014-1:2006+A1:2009+A2:2011
 EN55014-2:1997+A1:2001+A2:2008
 EN61000-6-1:2007
 EN61000-6-3:2007+A1:2011
 EN61000-3-2:2006+A1:2009+A2:2009
 EN61000-3-3:2008



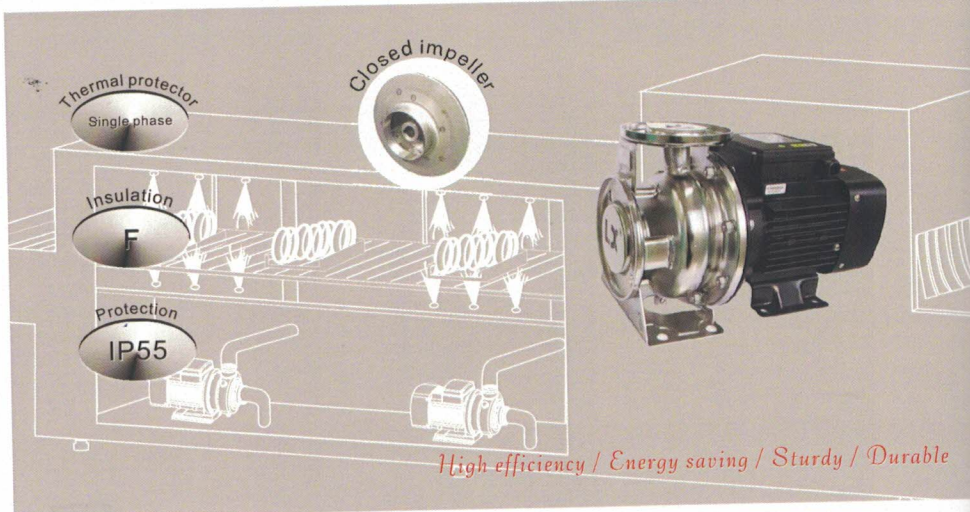
Air-condition or cooling system



Floors of pressurized water supply



Swimming pool system



Technical parameter list

Model	Model	Power(P2) kW	(Amps)		G.W (Kg)	Packing way	Packing size (mm)
			220V/50Hz	380V/50Hz			
CA50-32-160/1.1(T)	ZS50-32-160/1.1	1.1	7.0	2.6	21.5	Plywood box	470×280×320
CA50-32-160/1.5(T)	ZS50-32-160/1.5	1.5	9.2	3.5	22.5		470×280×320
CA50-32-160/2.2(T)	ZS50-32-160/2.2	2.2	14	4.9	31		470×280×320
CA50-32-200/3.0T	ZS50-32-200/3.0	3.0	—	6.3	38		540×370×400
CA50-32-200/4.0T	ZS50-32-200/4.0	4.0	—	9.6	54		540×370×400
CA50-32-200/5.5T	ZS50-32-200/5.5	5.5	—	11.1	62.3		630×370×480
CA65-40-125/1.5T	ZS65-40-125/1.5	1.5	9.2	3.5	21		470×280×320
CA65-40-125/2.2T	ZS65-40-125/2.2	2.2	14	4.9	29		470×280×320
CA65-40-125/3.0T	ZS65-40-125/3.0	3.0	—	6.3	37		540×330×360
CA65-40-160/4.0T	ZS65-40-160/4.0	4.0	—	9.6	49.5		540×330×360
CA65-40-200/5.5T	ZS65-40-200/5.5	5.5	—	11.1	62.5		630×370×480
CA65-40-200/7.5T	ZS65-40-200/7.5	7.5	—	14.9	74		630×370×480
CA65-40-200/11T	ZS65-40-200/11	11	—	21.2	93		700×420×540
CA65-50-125/3.0T	ZS65-50-125/3.0	3.0	—	6.3	37.5		540×330×350
CA65-50-125/4.0T	ZS65-50-125/4.0	4.0	—	9.6	49.5		540×330×350
CA65-50-160/5.5T	ZS65-50-160/5.5	5.5	—	11.1	62.5		630×370×480
CA65-50-200/7.5T	ZS65-50-200/7.5	7.5	—	14.9	73		630×370×480
CA65-50-200/9.2T	ZS65-50-200/9.2	9.2	—	18.3	82		700×420×540
CA65-50-200/11T	ZS65-50-200/11	11	—	21.2	93		700×420×540
CA65-50-200/15T	ZS65-50-200/15	15	—	28.6	107		700×420×540
CA65-50-200/18.5T	ZS65-50-200/18.5	18.5	—	34.7	158		760×430×560
CA80-65-125/4T	—	4.0	—	9.6	49.5		610×330×460
CA80-65-125/5.5T	ZS80-65-125/5.5	5.5	—	11.1	62.5		610×330×460
CA80-65-125/7.5T	ZS80-65-125/7.5	7.5	—	14.9	69.5		610×330×460
CA80-65-125/9.2T	ZS80-65-125/9.2	9.2	—	18.3	80.5		690×370×480
CA80-65-160/11T	ZS80-65-160/11.0	11	—	21.2	93		690×370×480
CA80-65-160/15T	ZS80-65-160/15.0	15	—	28.6	107		690×370×480
CA80-65-200/18.5T	ZS80-65-200/18.5	18.5	—	34.7	158		760×430×560
CA80-65-200/22T	ZS80-65-200/22.0	22	—	41.1	192		850×430×580
CA80-65-200/30T	ZS80-65-200/30.0	30	—	55.7	223		920×470×630
CA100-80-160/11T	ZS100-80-160/11.0	11	—	21.2	92.5		750×360×530
CA100-80-160/15T	ZS100-80-160/15.0	15	—	28.6	106		750×360×530
					159		850×430×580

Working conditions

Medium temperature:

Low temperature: -20 ~ +70°C;

standard model: +15~+70°C

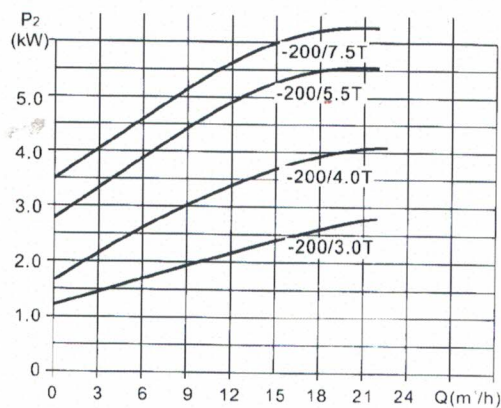
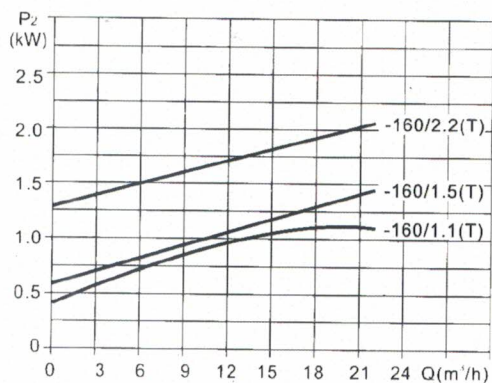
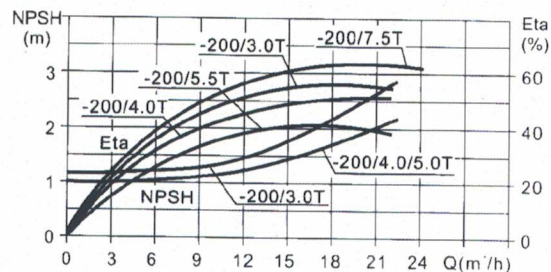
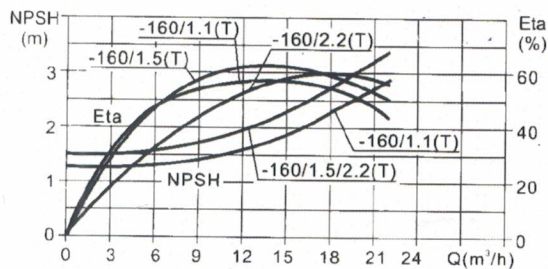
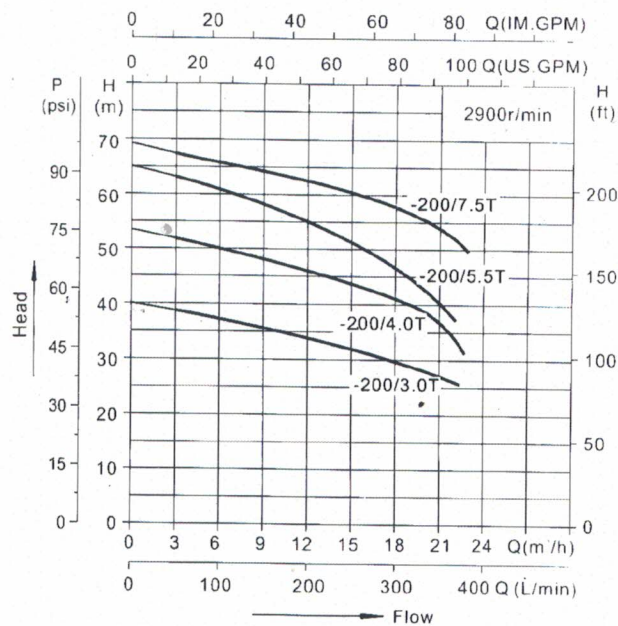
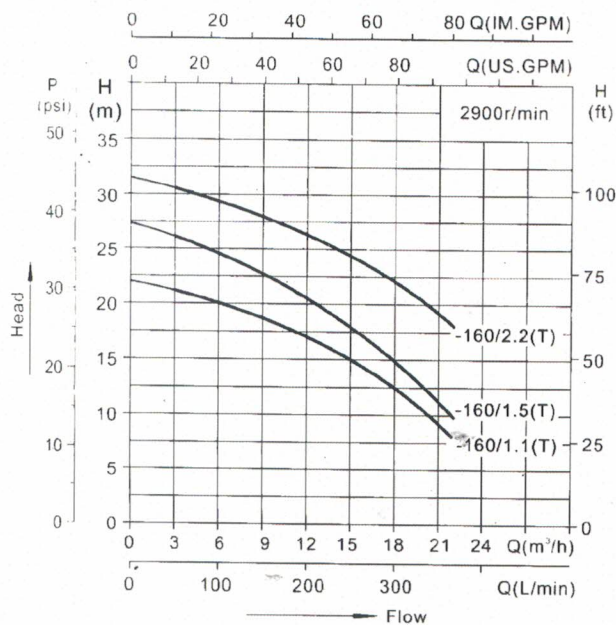
high temperature: +70~+104°C.;

Environmental temperature: ≤50°C



Performance curves

(CA50-32)

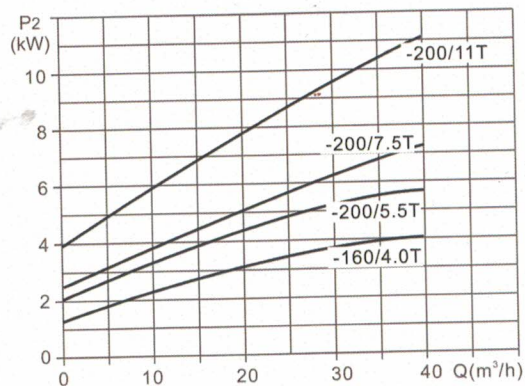
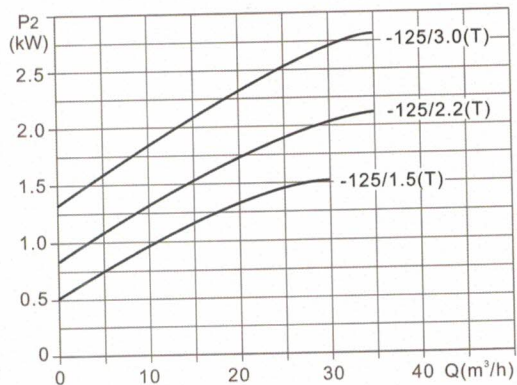
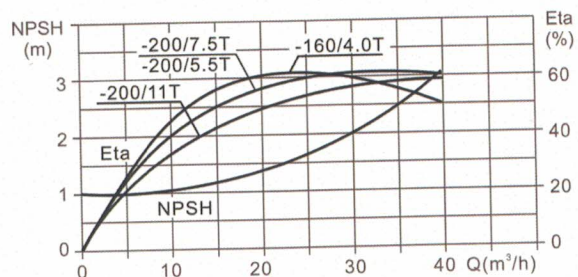
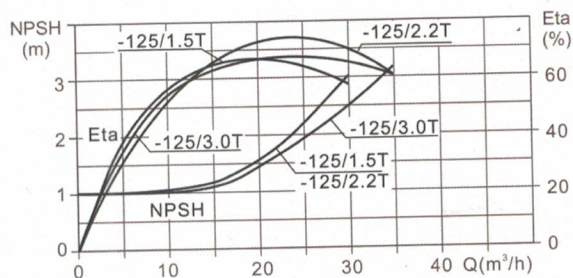
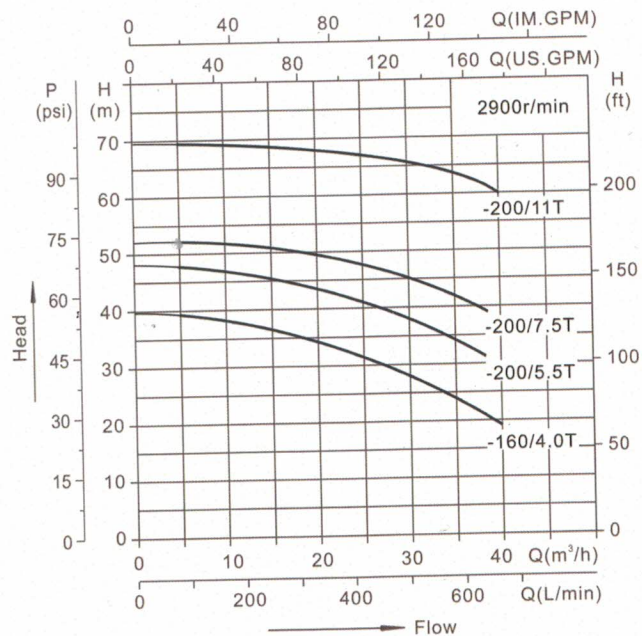
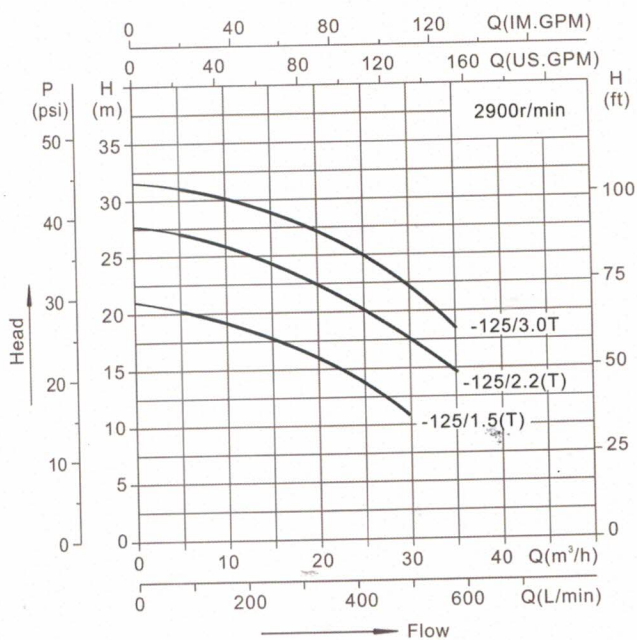


Model	Power P ₂ (kW)	Rated head (m)	Rated head (m³/h)	Q (m³/h)	H (m)	* 3	6	9	12.5	15	18	20	22
CA50-32-160/1.1(T)	1.1	16.5	12.5	H	21	20	18.5	16.5	15	12.5	10	8	
CA50-32-160/1.5(T)	1.5	20	12.5		26	24.5	22.5	20	18.5	15	12.5	9.5	
CA50-32-160/2.2(T)	2.2	26	12.5		30.5	29.5	27.5	26	24	22.5	20.5	18	
CA50-32-200/3.0T	3.0	34	12.5		38	37	35	34	32	30	28	26	
CA50-32-200/4.0T	4.0	45	12.5		51.5	50	48	45	43	41	39	30	
CA50-32-200/5.5T	5.5	54	12.5		62	60	58	54	52	47	42	37	
CA50-32-200/7.5T	7.5	63	12.5		67	65	64	62	60.5	58.5	57	55	

(CA65-40)



Performance curves

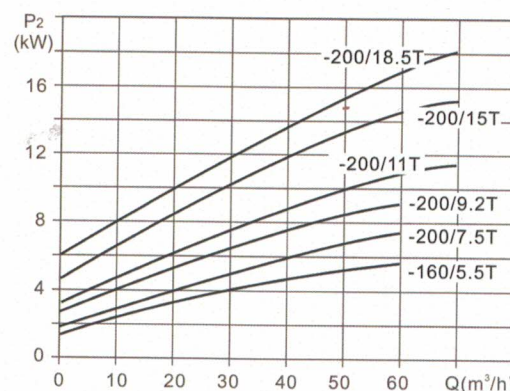
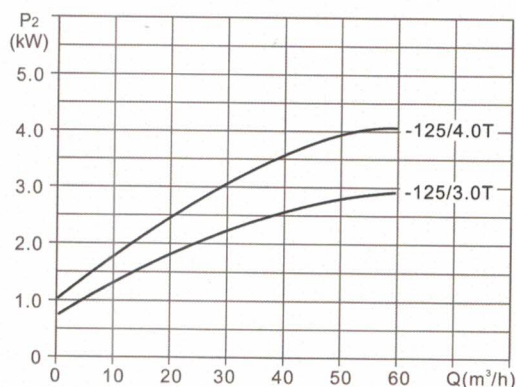
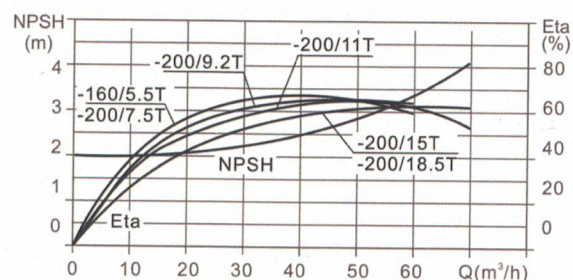
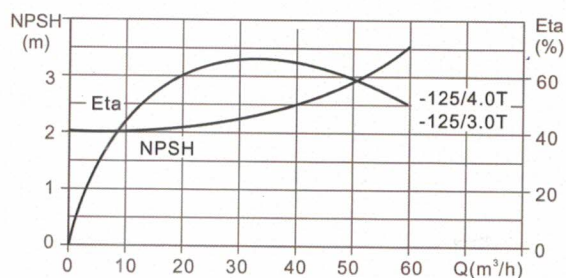
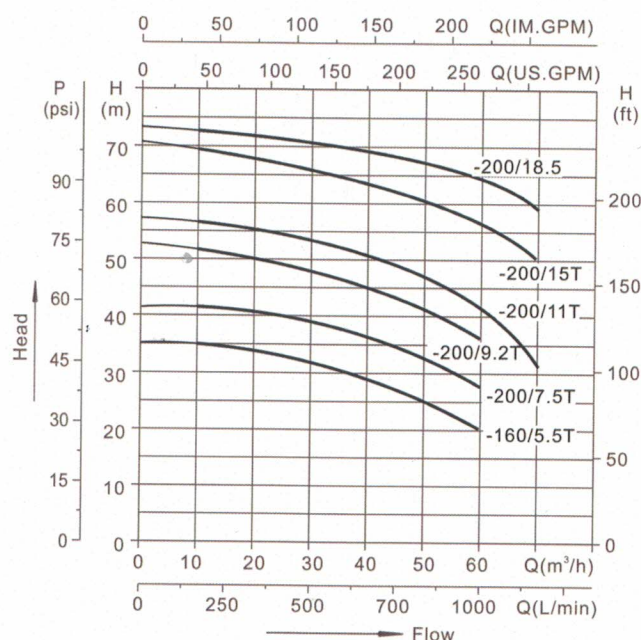
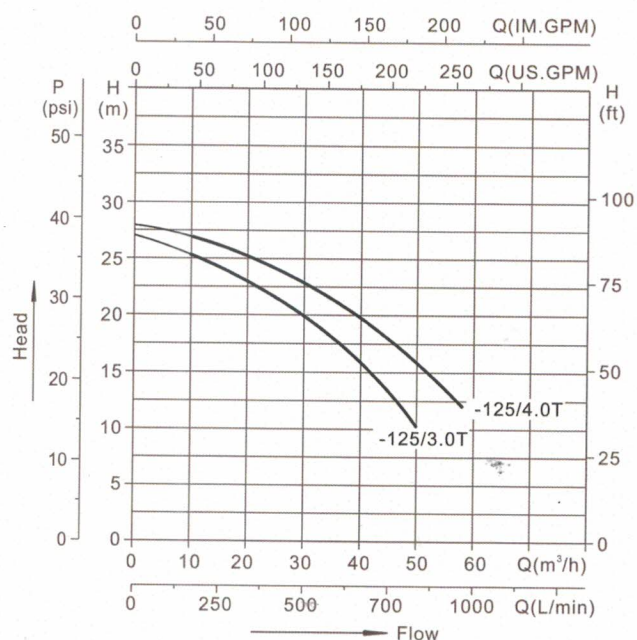


Model	Power P ₂ (kW)	Rated head (m)	Rated head (m³/h)	Q (m³/h)	5	10	15	20	25	30	35	40
CA65-40-125/1.5(T)	1.5	13	25	H (m)	20	19	17.5	16	13	10.5	—	—
CA65-40-125/2.2(T)	2.2	20	25		27	26	24	22	20	17	14	—
CA65-40-125/3.0T	3.0	25	25		31	30	29	27	25	22	18	—
CA65-40-160/4.0T	4.0	31	25		39	38	36.5	34	31	28	24	19
CA65-40-200/5.5T	5.5	41	25		47	46	45.5	44	41	38	34	30
CA65-40-200/7.5T	7.5	48	25		52	51.5	51	50	48	45	42	38
					69	69	68.5	68	68	66	64	60



Performance curves

(CA65-50)

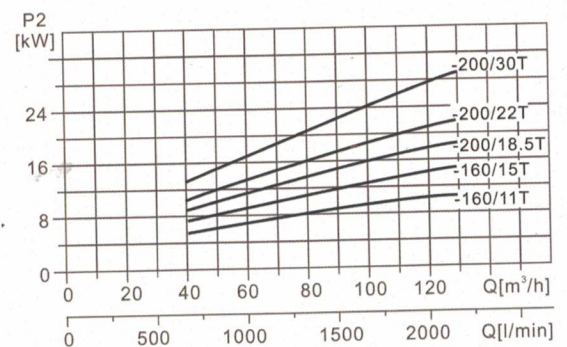
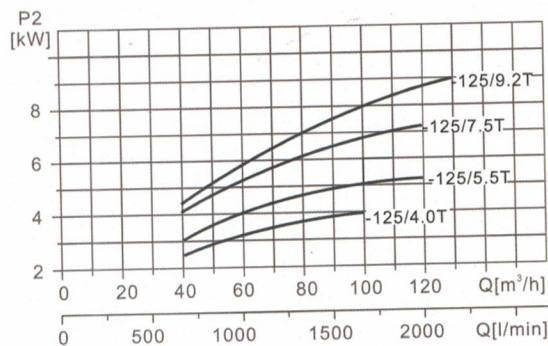
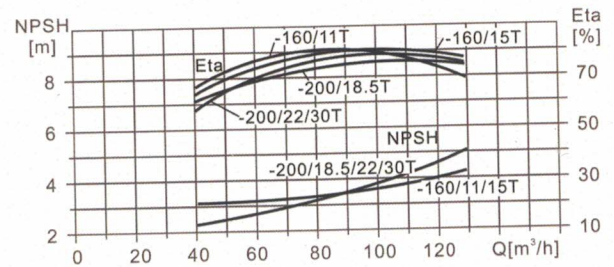
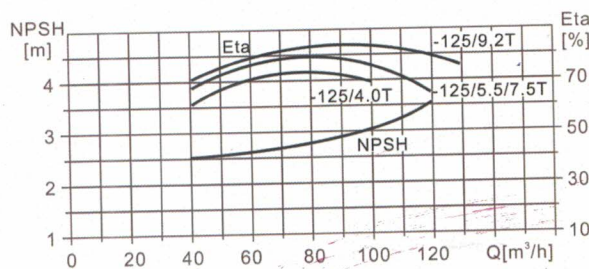
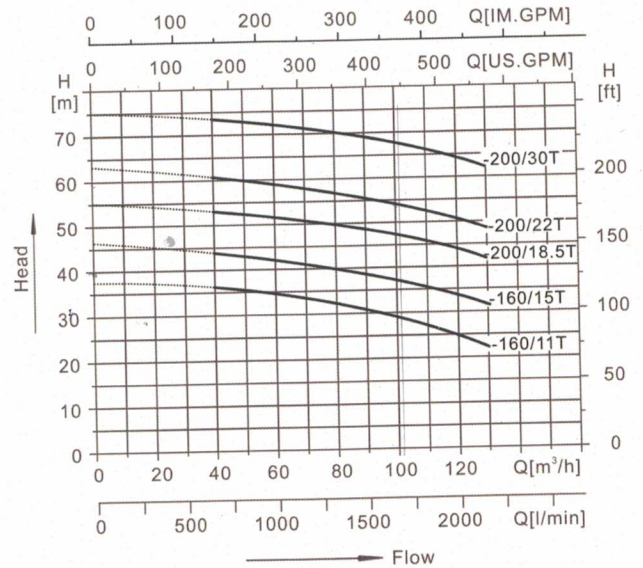
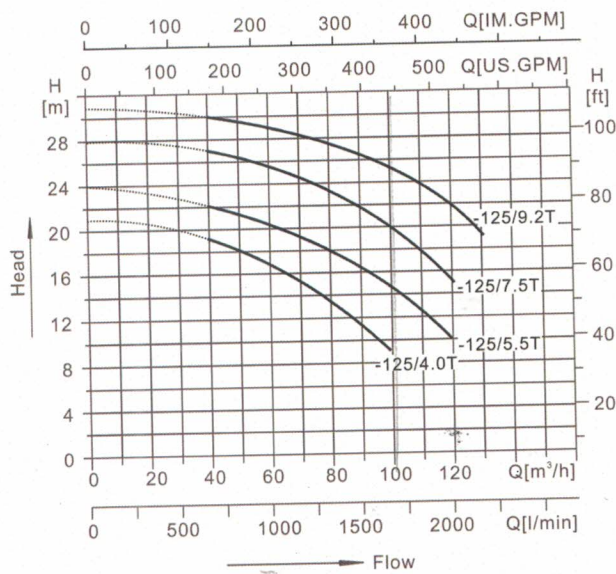


Model	Power P ₂ (kW)	Rated head (m)	Rated head (m³/h)	Q (m³/h)	5	10	20	30	40	50	60	70
CA65-50-125/3.0T	3.0	16	40	H (m)	27	26	23	20	16	10	—	—
CA65-50-125/4.0T	4.0	21	40		28	27	26	24	21	16	—	—
CA65-50-160/5.5T	5.5	24	50		34.5	34.5	34	31.5	28.5	24	20	—
CA65-50-200/7.5T	7.5	32	50		41	41	40.5	39	36	32	27.5	—
CA65-50-200/9.2T	9.2	41	50		52	52	51	49	45	41	37	—
CA65-50-200/11T	11	48	50		57	56	55	53	51	48	42	30
CA65-50-200/15T	15	62	50		69	68	67	65	64	62	57	50



Performance curves

(CA80-65)

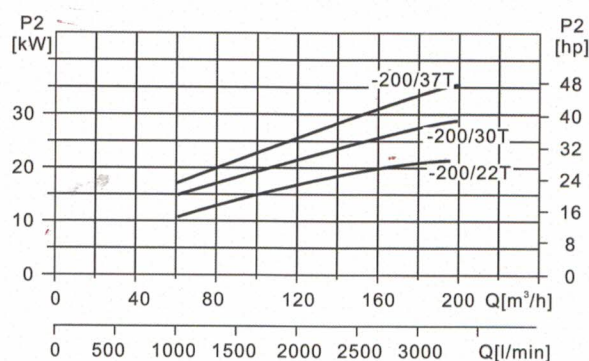
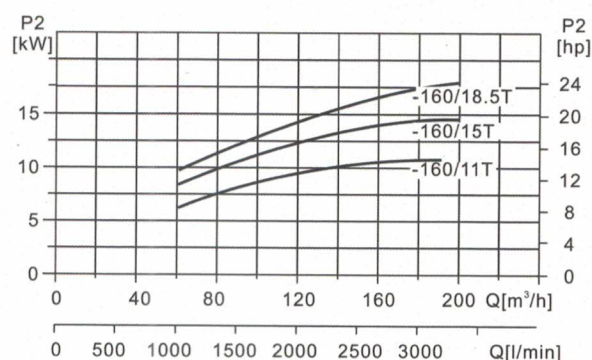
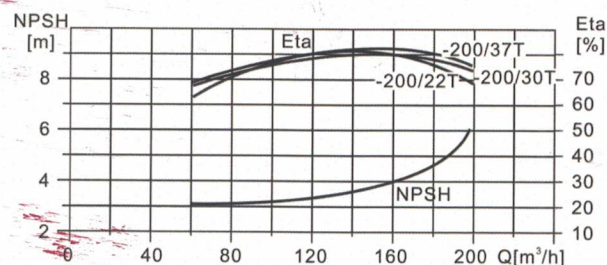
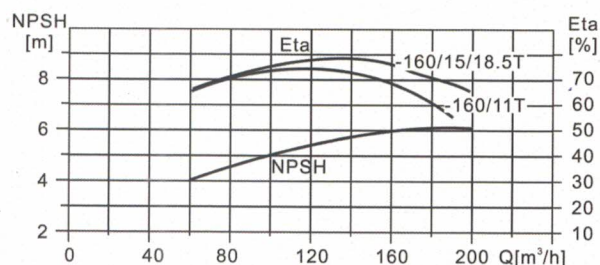
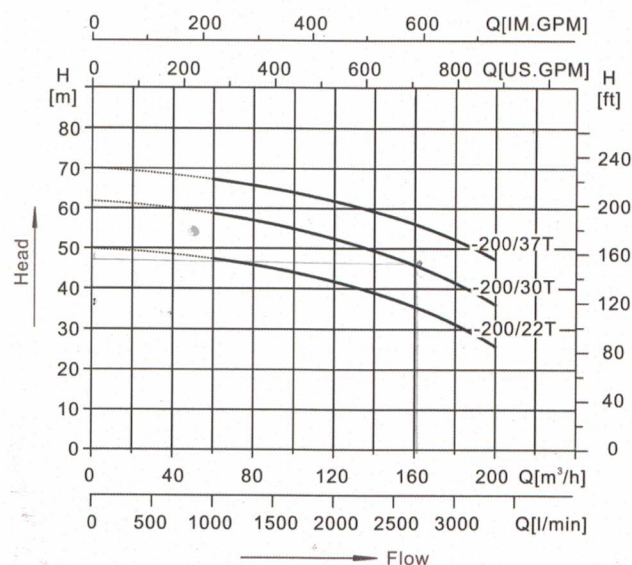
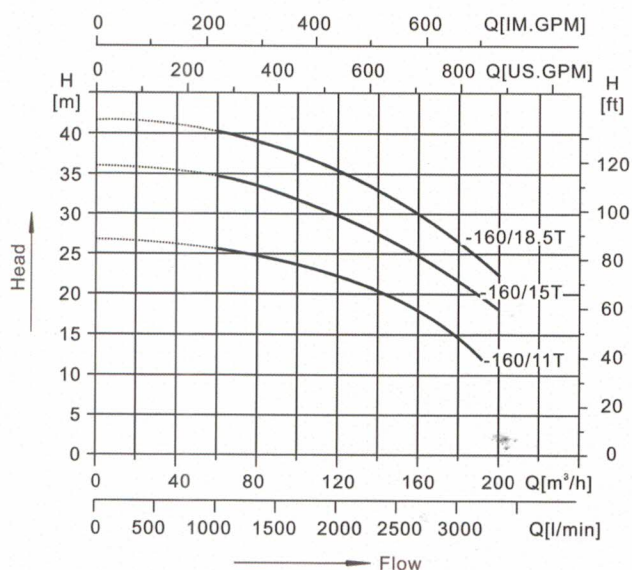


Model	Power P ₂ (kW)	Rated head (m)	Rated head (m³/h)	Q (m³/h)	40	50	60	70	80	90	100	110	120	130
CA80-65-125/4.0T	4.0	13	80	H (m)	19	18	17	15	13	11	9	—	—	—
CA80-65-125/5.5T	5.5	15	100		22	21	20	19	18	17	15	13	10	—
CA80-65-125/7.5T	7.5	20	100		27	26	25	24	23	22	20	18	15	—
CA80-65-125/9.2T	9.2	25	100		30	29	29	28	27	26	25	23	22	19
CA80-65-160/11T	11	29	100		36	35	34	33	32	31	29	27	25	22
CA80-65-160/15T	15	37	100		44	43	42	40	39	38	37	36	34	32
CA80-65-200/18.5T	18.5	47	100		53	52	51	50	49	48	47	45	44	41
CA80-65-200/22T	22	54	100		60	59	58	57	56	55	54	53	51	49



Performance curves

(CA100-80)



Model	Power P ₂ (kW)	Rated head (m)	Rated head (m³/h)	Q (m³/h)	60	80	100	120	140	160	180	192	200
CA100-80-160/11T	11	17	160	H (m)	26	125	23	22	20	17	14	11	—
CA100-80-160/15T	15	24	160		35	33	31	29	27	24	21	20	18
CA100-80-160/18.5T	18.5	30	160		38	37	36	35	33	30	27	25	22
CA100-80-200/22T	22	35	160		46	44	42	40	38	35	31	29	26
CA100-80-200/30T	30	47	160		57	56	55	53	50	47	44	42	39
CA100-80-200/37T	37	56	160		66	65	63	61	59	56	53	51	48

型号说明 Type Keys

CVL 3 - 10 - 1 - F - J1 - A - A01 - I - E - BUCE - C

- Pump shaft material code
- The sealing machine Material code
- The connection model of pipeline
- Outer sleeve, Hydraulic stack and Impeller code
- The moter code
- The moter base code
- Pump cover / sealing machine code
- Pump body code
- Number of reduced diameter impellers (no reduced diameter impeller with 0)
- Number of impellers m³/h
- Rate flow m³/h
- Model code

Performance please refer to this directory

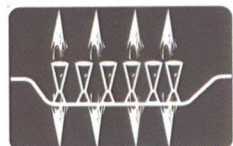
The pump casing stamp by stainless plate with separate mechanical seal comparing with CVF series same performance, low cost.



EN 60335-1: 2012
EN 62233 : 2008
EN 60335-2-41: 2003+A1:2004+A2:2010
EN809:1998+A1:2009+AC2010
EN55014-1:2006+A1:2009+A2:2011
EN55014-2:1997+A1:2001+A2:2008
EN61000-6-1:2007
EN61000-6-3:2007+A1:2011
EN61000-3-2:2006+A1:2009+A2:2009
EN61000-3-3:2008



Air-condition or cooling system



Industrial washing



Floors of pressurized water supply
Fire fighting system

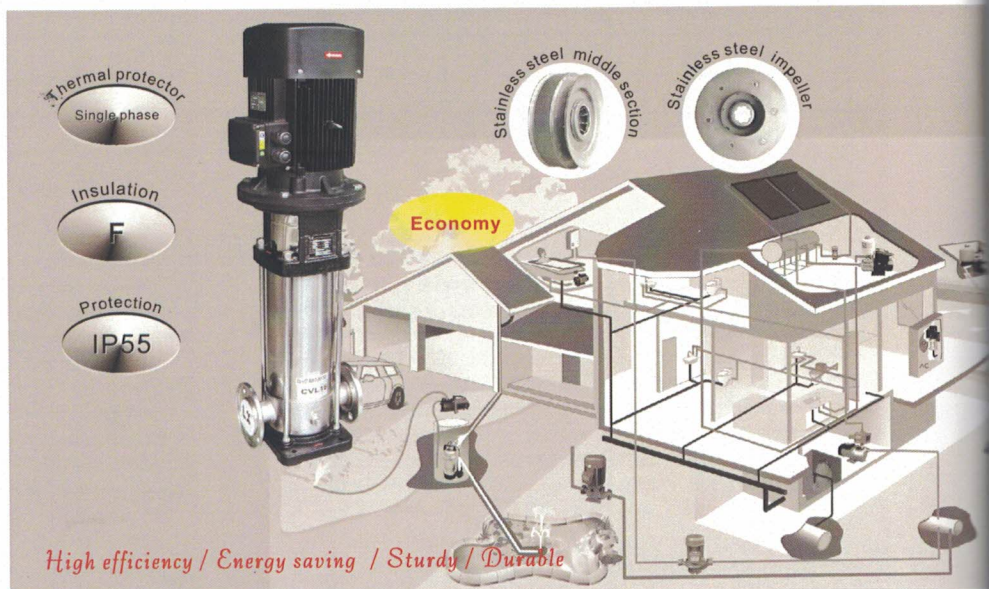
Working conditions

Medium temperature:

Low temperature: -20 ~ +70°C

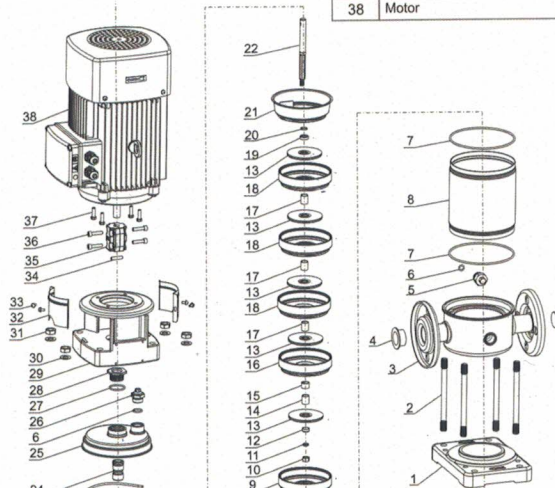
standard model: +15 ~ +70°C

high temperature: +70 ~ +104°C



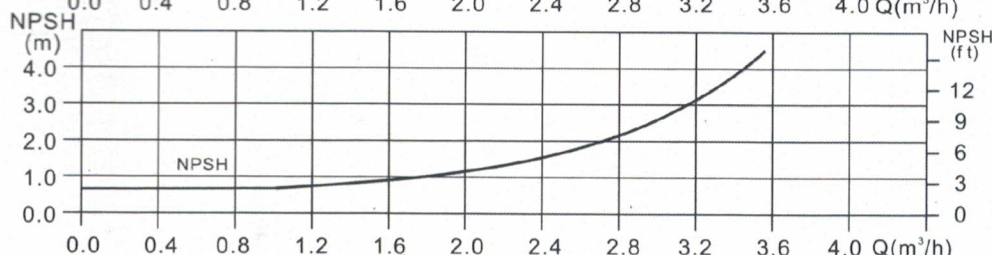
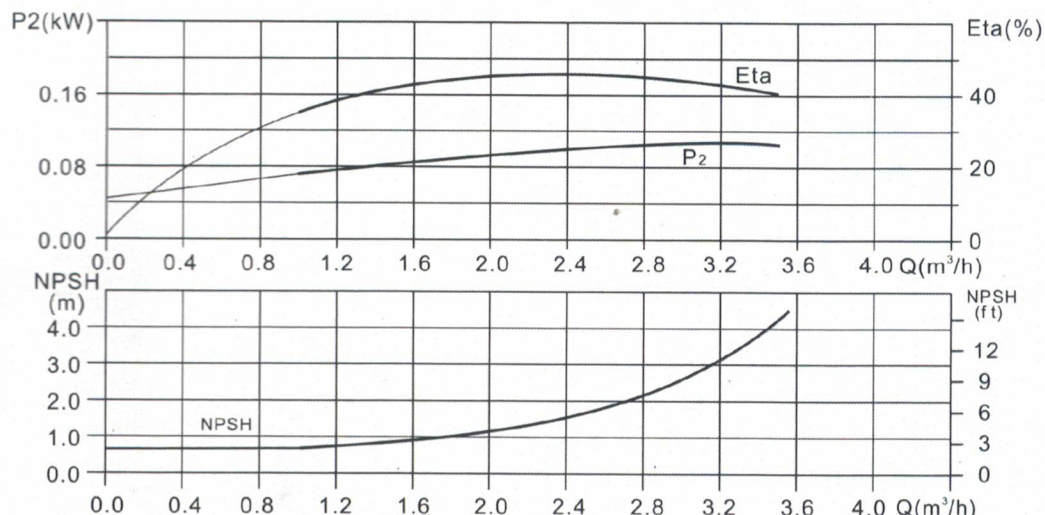
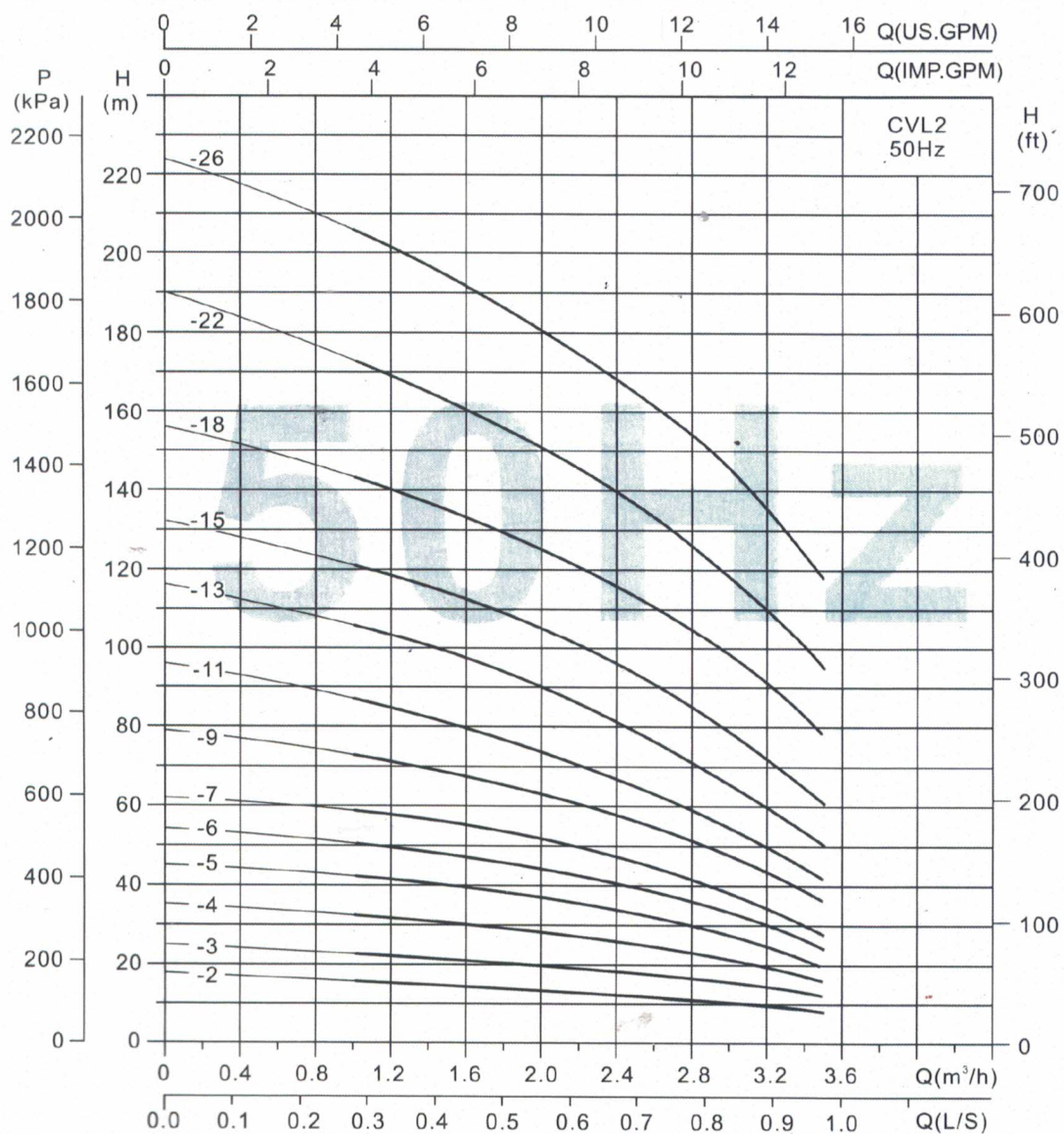
NO.	Name
1	Base
2	Two-head bolt
3	Pump housing component
4	Dust cap
5	Drain valve assembly
6	O-Ring
7	O-Ring
8	Housing
9	Inlet section
10	Locked Nut
11	Spring washer
12	Impeller Fix Ring
13	Impeller
14	Short sleeve
15	Bearing sleeve
16	Diffusor with bearing
17	Long sleeve
18	Middle section
19	Snap-ring seat
20	Snap-ring
21	Outlet Section
22	Pump shaft
23	Elastic ring
24	Mechanical Seal
25	Pump cover assembling
26	Release valve
27	O-Ring
28	Gland
29	Motor base
30	Washer

NO.	Name
31	Hexagonal Nut
32	Protective cover
33	Cross recessed pan head screw and washer assemblies
34	Cylindrical pin
35	Coupling
36	Hexagon socket head cap screw
37	Hexagonal bolt
38	Motor



性能曲线/Performance Curve

CVL2-50Hz



技术数据/Technical Data

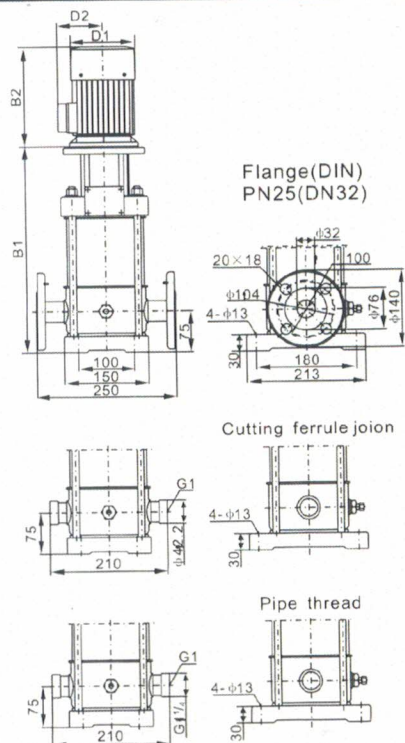
CVL2-50Hz

性能表/Performance table

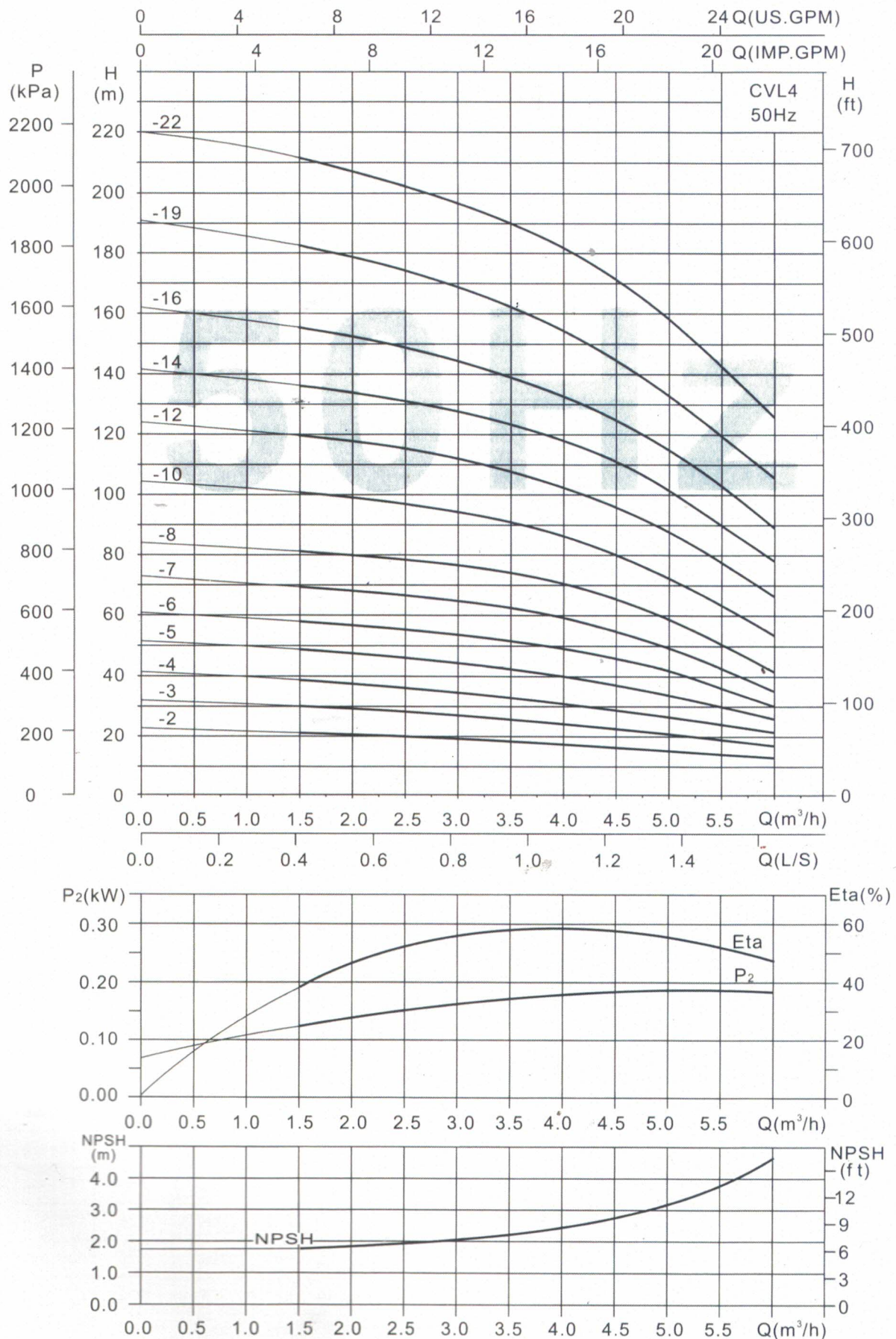
泵型号 Model	CNP型号 Model	功率 Power P ₂ (kW)	流量 Q (m ³ /h)	1.0	1.2	1.6	2.0	2.4	2.8	3.2	3.5
CVL2-2	CDLF2-2	0.37	扬程 H (m)	16	15.5	14.5	13.5	12.5	11	9.5	8
CVL2-3	CDLF2-3	0.37		23	22.5	21	20	18.5	16	14	12
CVL2-4	CDLF2-4	0.55		32	31	30	28	26	23	20	16
CVL2-5	CDLF2-5	0.55		42.5	42	40	37	34.5	30	25	20
CVL2-6	CDLF2-6	0.75		51	50	47	44	41	36	30	24
CVL2-7	CDLF2-7	0.75		59	57	55	52	47	41	35	28
CVL2-9	CDLF2-9	1.1		72	71	67	63	58	51	44	36
CVL2-11	CDLF2-11	1.1		87	85	80	74	67	59	50	42
CVL2-13	CDLF2-13	1.5		106	104	99	90	81	71	60	51
CVL2-15	CDLF2-15	1.5		121	119	112	105	96	85	72	61
CVL2-18	CDLF2-18	2.2		143	139	133	125	116	105	91	78
CVL2-22	CDLF2-22	2.2		173	169	162	152	140	126	110	95
CVL2-26	CDLF2-26	3.0		206	201	191	180	170	155	133	118

安装图/Installation sketch

尺寸和重量/Dimensions and weights



泵型号 Model	尺寸/Dimensions(mm)					重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	
CVL2-2	272	205	477	133	126	20
CVL2-3	290	205	495	133	126	20
CVL2-4	308	205	513	133	126	22
CVL2-5	326	205	531	133	126	22
CVL2-6	344	205	549	133	126	24
CVL2-7	362	205	567	133	126	24
CVL2-9	406	241	647	154	134	26
CVL2-11	442	241	683	154	134	26
CVL2-13	488	296	784	170	116	28
CVL2-15	524	296	820	170	116	28
CVL2-18	560	296	856	170	116	34
CVL2-22	632	296	928	170	116	37
CVL2-26	704	296	1000	170	116	44



技术数据/Technical Data

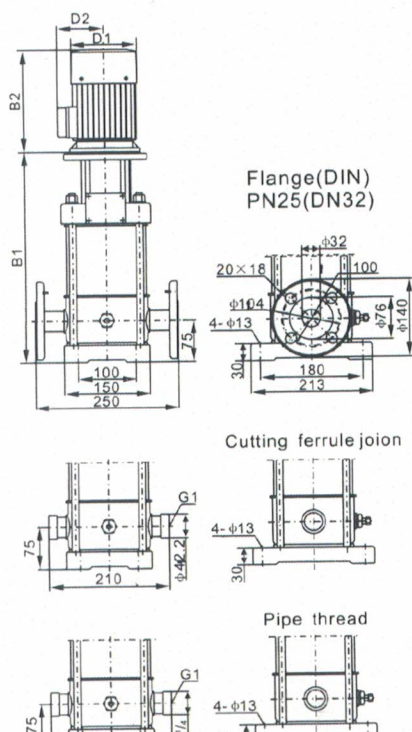
CVL4-50Hz

性能表/Performance table

泵型号 Model	CNP型号 Model	功率 Power P ₂ (kW)	流量 Q (m ³ /h)	1.0	2.0	3.0	4.0	4.5	5.0	5.5	6.0
CVL4-2	CDLF4-2	0.37	扬程 H (m)	22	21	19.5	18	17	16	14	13
CVL4-3	CDLF4-3	0.55		31	29.5	28	24	22	21	19	18
CVL4-4	CDLF4-4	0.75		40	38	35	31	29	27	24	22
CVL4-5	CDLF4-5	1.1		50	48	44	40	38	34	30	26
CVL4-6	CDLF4-6	1.1		59	57	53	49	45	41	36	30
CVL4-7	CDLF4-7	1.5		71	69	65	59	55	50	43	36
CVL4-8	CDLF4-8	1.5		83	80	78	71	65	59	51	42
CVL4-10	CDLF4-10	2.2		103	100	95	87	80	79	73	54
CVL4-12	CDLF4-12	2.2		122	119	113	103	96	88	78	68
CVL4-14	CDLF4-14	3.0		139	134	128	118	111	102	90	79
CVL4-16	CDLF4-16	3.0		158	153	145	134	126	116	103	89
CVL4-19	CDLF4-19	4.0		186	180	170	155	145	133	117	98
CVL4-22	CDLF4-22	4.0		216	208	197	182	172	159	143	126

安装图/Installation sketch

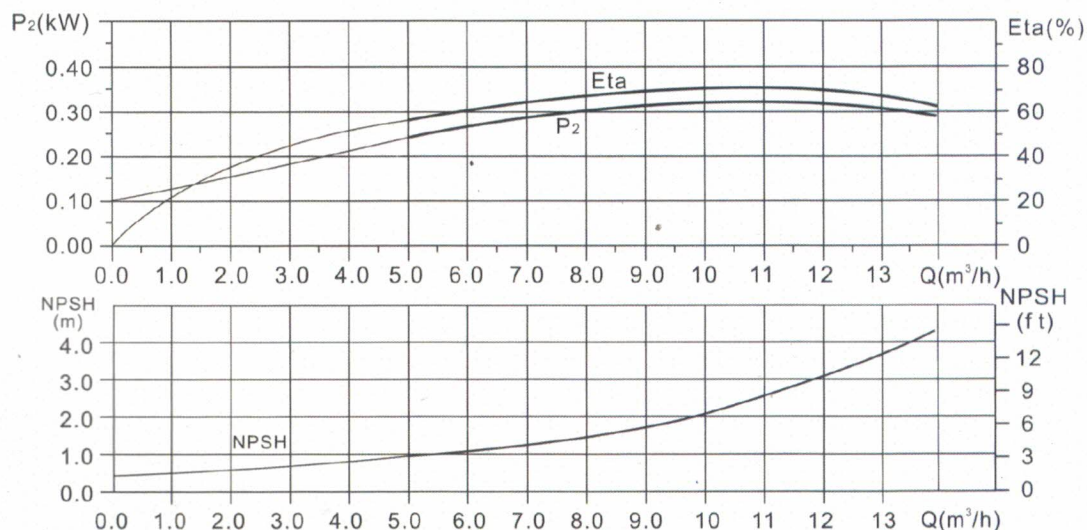
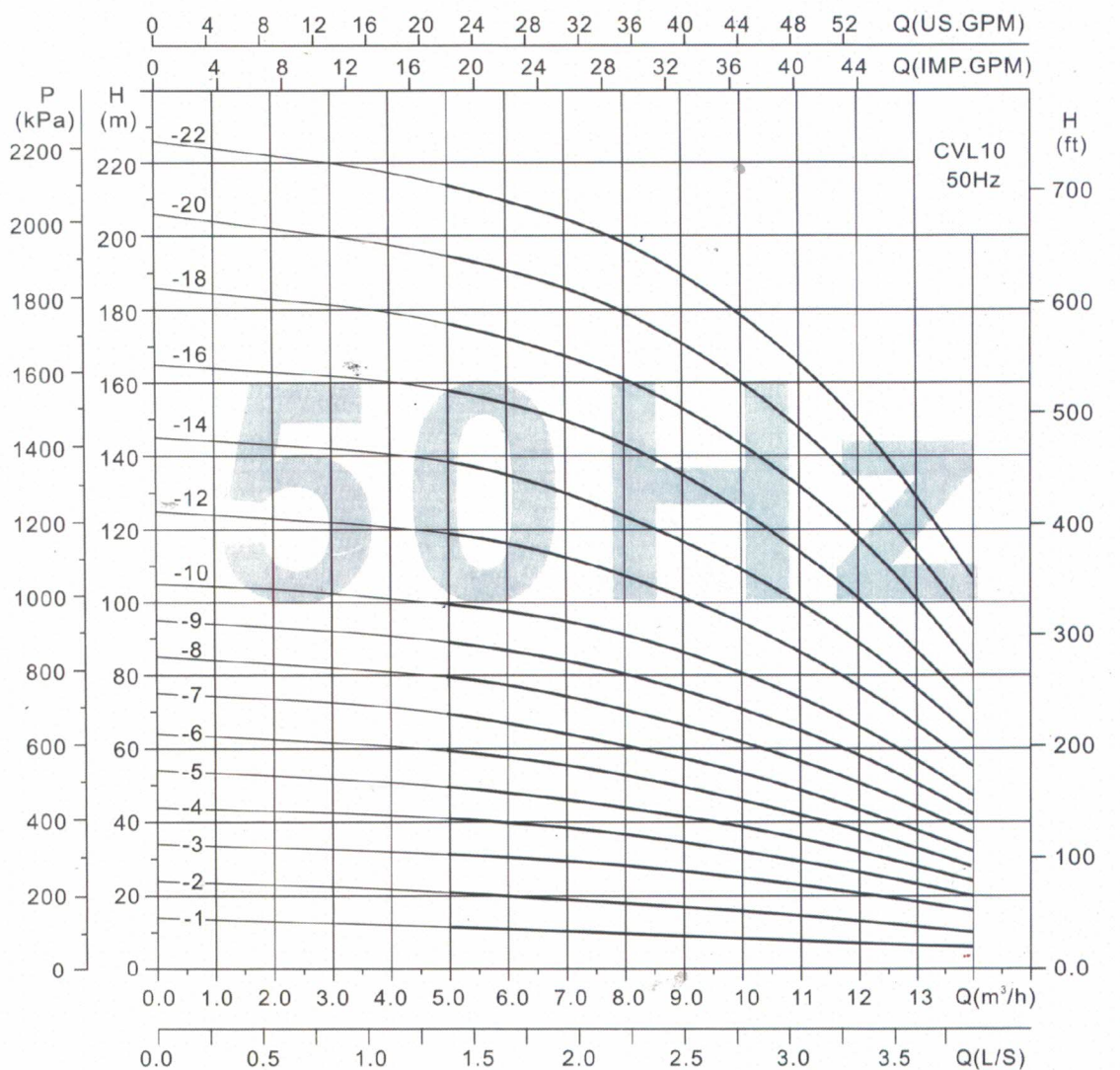
尺寸和重量/Dimensions and weights



泵型号 Model	尺寸/Dimensions(mm)					重量 Weight (kg)
	B1	B2	B1+B2	D1	D2	
CVL4-2	272	205	477	133	126	21
CVL4-3	290	205	495	133	126	21
CVL4-4	308	205	513	133	126	22
CVL4-5	334	241	575	154	134	22
CVL4-6	352	241	593	154	134	24
CVL4-7	380	296	676	170	116	29
CVL4-8	398	296	694	170	116	29
CVL4-10	434	296	730	170	116	31
CVL4-12	480	296	776	170	116	31
CVL4-14	516	296	812	170	116	34
CVL4-16	552	296	848	170	116	38
CVL4-18	603	323	926	200	142	42
CVL4-19	621	323	944	200	142	44

性能曲线/Performance Curve

CVL10-50Hz



技术数据/Technical Data

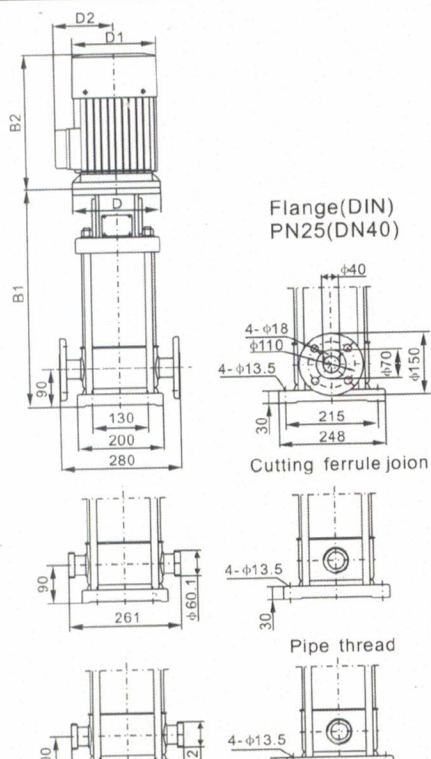
CVL10-50Hz

性能表/Performance table

泵型号 Model	CNP型号 Model	功率 Power P ₂ (kW)	流量 Q (m ³ /h)	2.0	4.0	6.0	8.0	10	12	14
CVL10-1	CDLF8-1	0.37	扬程 H (m)	13	12	11	9.5	8.5	7	6
CVL10-2	CDLF8-2	0.75		23	22	20	18	16	13	10
CVL10-3	CDLF8-3	1.1		33	32	31	28	25	21	16
CVL10-4	CDLF8-4	1.5		43	42	40	37	32	27	20
CVL10-5	CDLF8-5	2.2		53	51	48	44	39	32	24
CVL10-6	CDLF8-6	2.2		62	61	58	53	46	38	28
CVL10-7	CDLF8-7	3.0		73	72	67	61	54	43	32
CVL10-8	CDLF8-8	3.0		83	81	78	71	62	51	37
CVL10-9	CDLF8-9	3.0		93	91	87	81	71	59	42
CVL10-10	CDLF8-10	4.0		104	101	98	91	81	67	47
CVL10-12	CDLF8-12	4.0		123	121	117	108	95	78	55
CVL10-14	CDLF8-14	5.5		143	141	136	124	110	90	63
CVL10-16	CDLF8-16	5.5		163	161	154	143	125	102	71
CVL10-18	CDLF8-18	7.5		183	179	173	161	144	118	82
CVL10-20	CDLF8-20	7.5		202	198	191	180	160	133	93
CVL10-22		7.5		222	217	209	198	178	149	106

安装图/Installation sketch

尺寸和重量/Dimensions and weights



泵型号 Model	尺寸/Dimensions(mm)						重量 Weight (kg)
	B1	B2	B1+B2	D	D1	D2	
CVL10-1	328	205	533	—	133	126	32
CVL10-2	358	205	563	—	133	126	34
CVL10-3	396	241	637	—	154	134	37
CVL10-4	426	296	722	—	170	116	44
CVL10-5	466	296	762	—	170	116	47
CVL10-6	496	296	792	—	170	116	49
CVL10-7	526	296	822	—	170	116	54
CVL10-8	556	296	852	—	170	116	55
CVL10-9	586	296	882	—	170	116	56
CVL10-10	631	323	954	—	200	142	59
CVL10-12	691	323	1014	—	200	142	62
CVL10-14	773	392	1165	300	238	162	92
CVL10-16	833	392	1225	300	238	162	94
CVL10-18	893	430	1323	300	238	162	118
CVL10-20	953	430	1383	300	238	162	122
CVL10-22	1013	430	1443	300	238	162	124

Company products introduction•Six Categories

Swimming pool, SPA pump &
Hydromassage bathtub pump series



Stainless steel pump series



Submersible pump series



Household clean pump series



In-line pump series



Standard Motor series



Certificate of authentication

