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Omeik 欧美科

OMEIK

MOTORS & PUMPS

电动机和水泵产品目录

Omeik 欧美科

福安市欧美科电机有限公司
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CCC CE TUV GS ISO9001:2008

公司简介 ENTERPRISE BRIEF



FUAN OMEIK ELECTRIC CO., LTD. is a professional manufacturer of water pumps and electric motors in CHINA MOTOR TOWN, Fuan, Fujian, China.

We always adhere to the principle of "Company survives on high quality and honesty, famous brand depends on quality, market depends on famous brand". We have a set of accurate inspection equipment and perfect ISO 9001 quality control system to manage the production which guarantees the product quality. Moreover, we have strong scientific research team that develops high technology products for different customer's request. Our products are welcome and popular in many foreign markets, such as Europe, South America, South East Asia, Middle East, etc.

By our excellent quality and perfect after service, we would like to cooperate with your esteemed company, as a trustable partner, for an enjoyable and great business.

福安市欧美科电机有限公司坐落于享有“中国电机城”美誉的福建省福安市，是一家专业生产水泵和电机的厂家。

我们始终秉承“企业依存于高质量和诚信，品牌依存于质量，市场依存于品牌”的信念，为确保产品质量，我司配备一套精密的检测设备以及完善的ISO9001质保体系，并有多位科研技术人员，制造出科技含量高、实用性广的电机、水泵产品来满足客户的广泛需求，产品远销南美、欧洲、中东、东南亚以及非洲等几十个国家和地区，深受客户好评。

我司提供高质量产品和优质售后服务，作为一个可信赖的合作伙伴，愿和贵司携手合作，共同发展！



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MOTOR WITH ALUMINIUM HOUSING

铝壳电动机系列

THE M RANGE OF MOTORS ARE MADE ACCORDING TO IEC STANDARDS, AND INCORPORATE THE FOLLOWING SERIES:

MS series three phase induction motors
MY series single phase capacitor-run induction motors
MC series single phase capacitor-start & run induction motors
ML series single phase capacitor-start & run induction motors
These are superior motors that can be used in a multitude of applications in the commercial, industrial, building service, water treatment and agricultural fields where superior quality and reliability are demanded.

铝壳系列电动机，符合IEC标准，包含如下系列：

MS系列三相电动机
MY系列单相电容运转电动机
MC系列单相电容启动电动机
ML系列单相电容启动电容运转电动机
MS, MY, MC, ML系列电动机广泛应用于众多对质量及可靠性要求极高的领域。如商业、工业、建筑业、给水和农业灌溉等。

MOTOR FEATURES

- Utilise IP55 enclosures, IP54 on request
- Multiple feet locations
- Aluminium frame, end shields and base
- High strength cable gland
- Superior paint finish
- Motors made to heavy duty service factors
- Can be made with stainless steel shaft
- Motors made for continuous S1 duty
- Utilise Vacuum impregnated Class F insulation
- High performance and efficiency

产品特点

- IP55 (IP54)
- 活动地脚
- 铝壳机座、端盖、底脚
- 高强度的密封圈
- 外形美观
- 适应于高负载工作
- 可供不锈钢轴
- S1连续工作制
- F级绝缘
- 高性能、高效率

CUSTOMER BENEFITS

- Water dust and vermin resistant
- Quiet operation
- Electricity saving
- Easy intallation
- Corrosion resistant
- Safety and reliable
- Superior life
- Reliable in country, city or factory environments

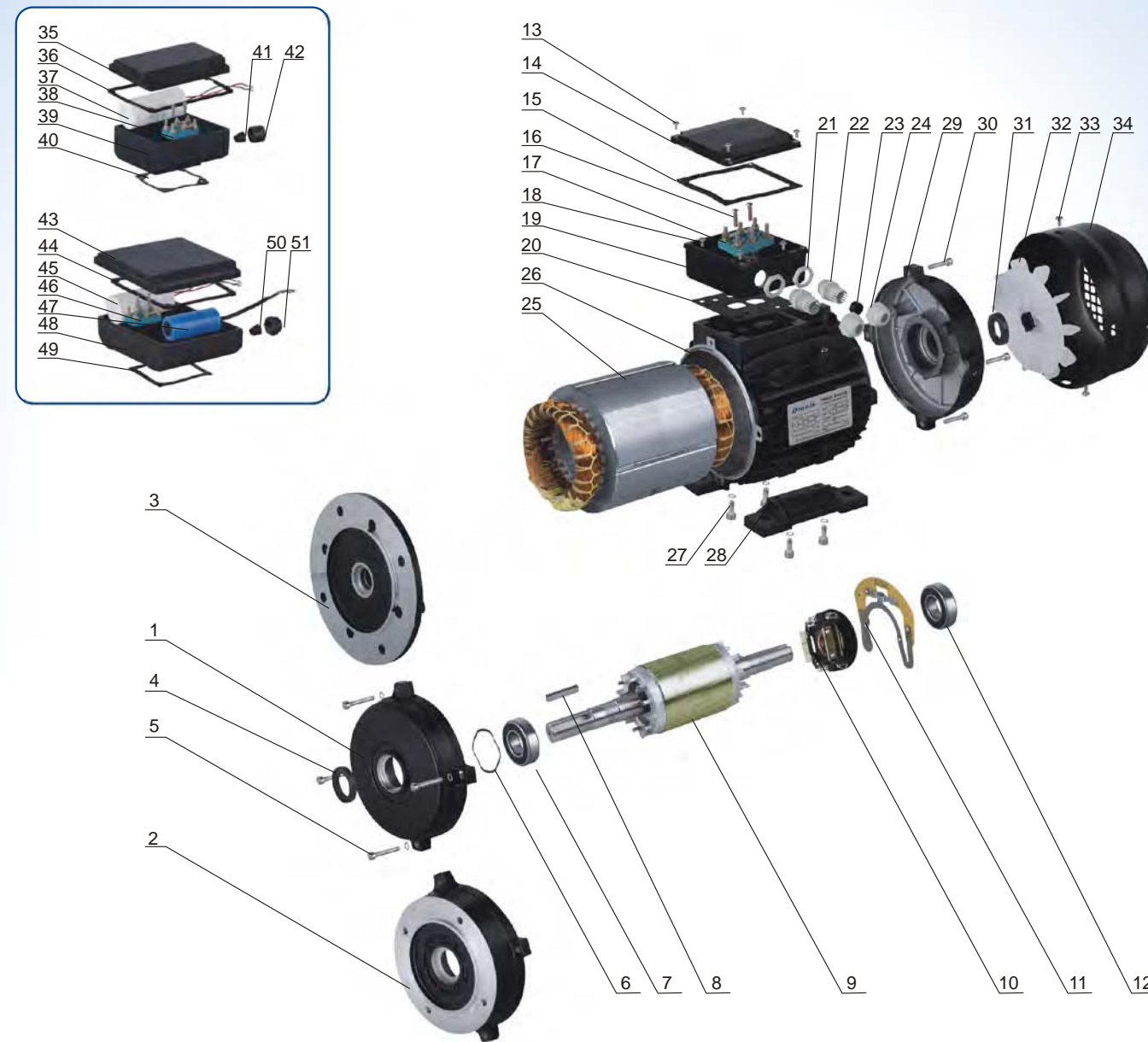
产品优势

- 防水、防尘、防害
- 低噪音
- 节能
- 安装便捷
- 防腐
- 安全可靠
- 使用寿命长
- 适用于乡村、城市、工厂

铝壳电机分解图

EXPANDED DIAGRAM

MOTOR WITH ALUMINIUM HOUSING



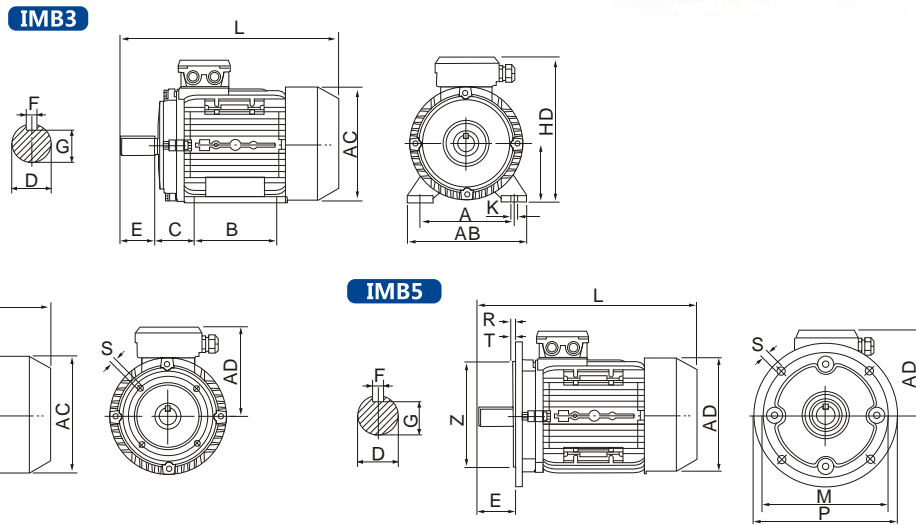
图表 DIAGRAM

No.	名称 DESCRIPTION	No.	名称 DESCRIPTION	No.	名称 DESCRIPTION	No.	名称 DESCRIPTION
1	B3前端盖 (B3 Motor Front Cover)	14	接线盒盖 (Terminal cover)	27	内六角螺栓 (Screw)	40	橡胶垫片 (Washer)
2	B14法兰盖 (B14 Flange Cover)	15	橡胶垫片 (Washer)	28	底脚 (Bottom Foot)	41	防水圈 (Water Guard)
3	B5法兰盖 (B5 Flange Cover)	16	十字螺钉 (Screw)	29	后端盖 (End Cover)	42	出线护套 (Cable Guard)
4	骨架油封 (Oil Seal)	17	接线板 (Terminal board)	30	外六角螺栓 (Screw)	43	接线盒盖 (Terminal cover)
5	内六角螺栓 (Screw)	18	十字螺钉 (Screw)	31	骨架油封 (Oil Seal)	44	橡胶垫片 (Washer)
6	波形垫片 (Spring Ring)	19	接线盒座 (Terminal base)	32	风叶 (Fan)	45	运转电容器 (Running Capacitor)
7	轴承 (Bearing)	20	橡胶垫片 (Washer)	33	十字螺钉 (Screw)	46	接线板 (Terminal board)
8	平键 (Key)	21	出线套螺母 (Nut)	34	风罩 (Fan Cover)	47	起动电容器 (Starting Capacitor)
9	转子 (Rotor)	22	出线套 (Plug Screw)	35	接线盒盖 (Terminal cover)	48	接线盒座 (Terminal base)
10	离心开关 (Centrifugal Switch for ML MC)	23	防水圈 (Water Guard)	36	橡胶垫片 (Washer)	49	橡胶垫片 (Washer)
11	离心开关座 (Centrifugal Switch Bottom)	24	出线护套 (Cable Guard)	37	运转电容器 (Running Capacitor)	50	防水圈 (Water Guard)
12	轴承 (Bearing)	25	定子线圈 (Coil Stator)	38	接线板 (Terminal board)	51	出线护套 (Cable Guard)
13	十字螺钉 (Screw)	26	机壳 (Motor Housing)	39	接线盒座 (Terminal base)		

MS 系列三相异步电动机 SERIES THREE-PHASE ASYNCHRONOUS MOTORS WITH ALUMINIUM HOUSING

- Conform to the IEC standard
- Be made of selected quality material, latest design in entirety
- Good performance, low noise, little vibration, and safety and reliable cooperation
- Nice appearance, light weight
- Be maintained very conveniently, simple construction
- Be used for general drive
- The Efficiency meet EFF2 standards.

- 符合IEC标准
- 优质材料, 设计新颖
- 高性能, 低噪音, 低振动, 操作安全可靠
- 外形美观, 重量轻
- 维护方便, 结构简单
- 用于一般驱动
- 效率符合EFF2标准



外形及安装尺寸 OVERALL & INSTALLATION DIMENSIONS

机座号 Frame size	装配尺寸 Mounting Dimensions(mm)																				外型尺寸 Overall									
	安装尺寸 Installation Size (mm)										IMB14										IMB5					Dimensions (mm)				
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	M	N	P	R	S	T	AB	AC	AD	HD	L				
MS56	90	71	36	9	20	3	7.2	56	5.8	65	50	80	0	M5	2.5	98	80	120	0	7	3	110	120	110	155	195				
MS63	100	80	40	11	23	4	8.5	63	7	75	60	90	0	M5	2.5	115	95	140	0	10	3	130	130	115	165	230				
MS71	112	90	45	14	30	5	11	71	7	85	70	105	0	M6	2.5	130	110	160	0	10	3.5	145	145	125	185	255				
MS80	125	100	50	19	40	6	15.5	80	10	100	80	120	0	M6	3	165	130	200	0	12	3.5	160	165	135	215	295				
MS90S	140	100	56	24	50	8	20	90	10	115	95	140	0	M8	3	165	130	200	0	12	3.5	180	185	145	235	335				
MS90L	140	125	56	24	50	8	20	90	10	115	95	140	0	M8	3	165	130	200	0	12	3.5	180	215	145	235	360				
MS100L	160	140	63	28	60	8	24	100	12	130	110	160	0	M8	3.5	215	180	250	0	15	4	205	240	170	255	380				
MS112M	190	140	70	28	60	8	24	112	12	130	110	160	0	M10	3.5	215	180	250	0	15	4	245	240	180	285	400				
MS132S	216	140	89	38	80	10	33	132	12	165	130	200	0	M10	4	265	230	300	0	15	4	280	275	195	325	475				
MS132M	216	178	89	38	80	10	33	132	12	165	130	200	0	M10	4	265	230	300	0	15	4	280	275	195	325	515				
MS160M	254	210	108	43	110	12	37	160	15	215	180	250	0	M12	4	300	250	350	0	15	5	320	330	255	420	615				
MS160L	254	254	108	42	110	12	37	160	15	215	180	250	0	M12	4	300	250	350	0	15	5	320	330	255	420	670				

技术数据 TECHNICAL DATA AT 50 HZ

型号 Model	功率 Power		电压 Voltage (V)	电流 Current (A)	转速 Speed (r.p.m)	效率 Eff (%)	功率因数 Power factor	堵转转矩 额定转矩 Tst/Tn(Times)	最大转矩 额定转矩 Tmax/Tn(Times)	堵转电流 额定电流 Ist/In(Times)	净重 N.W.(kg)
	KW	HP									
MS561-2	0.09	0.12	220/380	0.57/0.33	2800	62	0.68	2.3	2.4	6	4.6
MS562-2	0.12	1/6	220/380	0.67/0.38	2800	67	0.71	2.3	2.4	6	4.8
MS631-2	0.18	1/4	220/380	0.91/0.53	2800	69	0.75	2.2	2.4	6	5
MS632-2	0.25	1/3	220/380	1.17/1.68	2800	72	0.78	2.2	2.4	6	5.3
MS711-2	0.37	1/2	220/380	1.65/0.95	2800	73.5	0.8	2.2	2.4	6	6.5
MS712-2	0.55	3/4	220/380	2.33/1.35	2800	75.5	0.82	2.2	2.4	6	7
MS801-2	0.75	1	220/380	3.03/1.75	2800	76.5	0.85	2.2	2.4	6	8.8
MS802-2	1.1	1.5	220/380	4.42/2.55	2800	77	0.85	2.2	2.4	6	11
MS90S-2	1.5	2	220/380	6.01/3.48	2800	77	0.85	2.2	2.4	6	12.3
MS90L-2	2.2	3	220/380	8.61/4.98	2800	78	0.86	2.2	2.4	6	15
MS100L-2	3	4	220/380	11.1/6.4	2870	82	0.87	2.2	2.3	6	20.5
MS112M-2	4	5.5	380/660	8.2/4.7	2890	85.5	0.87	2.2	2.3	7	24
MS132S1-2	5.5	7.5	380/660	11/6.3	2900	85.5	0.88	2	2.2	7	30
MS132S2-2	7.5	10	380/660	15/8.6	2900	86.2	0.88	2	2.2	7	39.5
MS160M1-2	11	15	380/660	21.3/12.2	2930	88	0.88	2	2.2	7	82
MS160M2-2	15	20	380/660	28.7/16.4	2930	89	0.89	2	2.2	7	91
MS160L-2	18.5	25	380/660	34.6/19.8	2930	90	0.9	2	2.2	7	106
MS561-4	0.06	0.08	220/380	0.49/0.28	1400	56	0.58	2.1	2.4	6	4.6
MS562-4	0.09	0.12	220/380	0.67/0.39	1400	58	0.61	2.1	2.4	6	4.8
MS631-4	0.12	1/6	220/380	0.84/0.48	1400	60	0.63	2.2	2.4	6	4.8
MS632-4	0.18	1/4	220/380	1.12/0.66	1400	64	0.66	2.2	2.4	6	5
MS711-4	0.25	1/3	220/380	1.44/0.83	1400	67	0.68	2.2	2.4	6	6.3
MS712-4	0.37	1/2	220/380	1.94/1.12	1400	69.5	0.72	2.2	2.4	6	6
MS801-4	0.55	3/4	220/380	2.69/1.56	1400	73.5	0.73	2.2	2.4	6	9
MS802-4	0.75	1	220/380	3.48/2.01	1400	75.5	0.75	2.2	2.4	6	9.5
MS90S-4	1.1	1.5	220/380	4.74/2.75	1400	78	0.78	2.2	2.4	6	13
MS90L-4	1.5	2	220/380	6.31/3.65	1400	79	0.79	2.2	2.4	6	15
MS100L1-4	2.2	3	220/380	8.6/5.0	1430	81	0.82	2.2	2.3	5.5	20.3
MS100L2-4	3	4	220/380	11.7/6.8	1430	82.5	0.81	2.2	2.2	5.5	23.5
MS112M-4	4	5.5	380/660	8.8/5.1	1440	84.5	0.82	2.2	2.3	7	29.5
MS132S-4	5.5	7.5	380/660	12/6.9	1440	85.5	0.84	2.2	2.2	7	39.5
MS132M-4	7.5	10	380/660	15/8.6	1440	87	0.85	2.2	2.2	7	47.5
MS160M-4	11	15	380/660	22.3/12.7	1460	88	0.85	2	2.2	7	95
MS160L-4	15	20	380/660	30/17.1	1460	89	0.85	2	2.2	7	110
MS90S-6	0.75	1	220/380	4.0/2.3	910	72.5	0.7	2	2.2	6	14.5
MS90L-6	1.1	1.5	220/380	5.5/3.2	910	73.5	0.72	2	2.2	6	17
MS100L-6	1.5	2	220/380	6.9/4.0	940	77.5	0.74	2	2.3	7	22.5
MS112M-6	2.2	3	220/380	9.7/5.6	940	80.5	0.74	2	2.2	6	29
MS132S-6	3	4	220/380	12.4/7.2	960	83	0.76	2	2	6.5	48
MS132M1-6	4	5.5	380/660	9.4/5.4	960	84	0.77	2	2	6.5	49
MS132M2-6	5.5	7.5	380/660	13/7.5	960	85.3	0.78	2	2	6.5	57.5
MS160M-6	7.5	10	380/660	16.5/9.43	970	86	0.8	2	2	6.5	93
MS160L-6	11	15	380/660	24.1/13.8	970	87.5	0.79	2	2	6.5	107
MS132S-8	2.2	3	220/380	10/5.8	710	85.5	0.71	2	2	5.5	39
MS132M-8	3	4	220/380	13.3/7.7	710	82	0.72	2	2	5.5	45
MS160M1-8	4	5.5	380/660	10.2/5.8	720	81	0.73	2	2	6	88
MS160M2-8	5.5	7.5	380/660	13.6/7.8	720	83	0.74	2	2	6	96
MS160L-8	7.5	10	380/660	17.7/10.1	720	85.5	0.75	2	2	6	112

Note: 230/400V/50Hz 240/415V/50Hz, 400/690V/50Hz, 420V/50Hz 380/440V/50/60Hz etc. Models are available on request
备注: 可以按要求生产230/400V/50Hz 240/415V/50Hz, 400/690V/50Hz, 420V/50Hz 380/440V/50/60Hz等电压频率

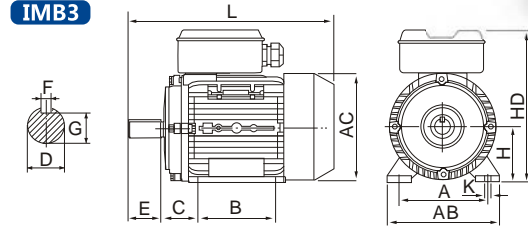
ML 系列单相双值电容异步电动机 SERIES SINGLE-PHASE DUAL-CAPACITOR ASYNCHRONOUS MOTORS WITH ALUMINIUM HOUSING

- Conform to the IEC standard
- Be made of selected quality material, latest design in entirety
- Good performance, low noise, little vibration, and safety and reliable cooperation
- Nice appearance, light weight
- Be maintained very conveniently, simple construction
- Good general performance, 1.8 to 2.5 times more than rated torque.

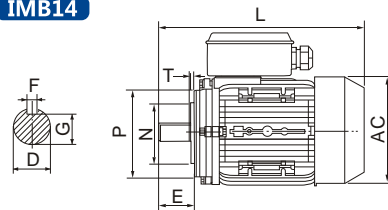
- 符合IEC标准
- 优质材料, 设计新颖
- 高性能, 低噪音, 低振动, 操作安全可靠
- 外形美观, 重量轻
- 维护方便, 结构简单
- 高性能, 1.8至2.5倍额定转矩



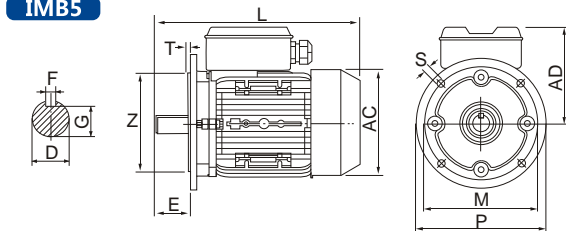
IMB3



IMB14



IMB5



外形及安装尺寸 OVERALL & INSTALLATION DIMENSIONS

机座号 Frame size	装配尺寸 Mounting Dimensions(mm)																				外型尺寸 Overall					
	安装尺寸 Installation Size (mm)										IMB14					IMB5					Dimensions (mm)					
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	M	N	P	R	S	T	AB	AC	AD	HD	L
ML71	112	90	45	14	30	5	11	71	7	85	70	105	0	M6	2.5	130	110	160	0	10	3.5	145	145	130	200	255
ML80	125	100	50	19	40	6	15.5	80	10	100	80	120	0	M6	3	165	130	200	0	12	3.5	160	160	160	240	295
ML90S	140	100	56	24	50	8	20	90	10	115	95	140	0	M8	3	165	130	200	0	12	3.5	180	180	175	260	335
ML90L	140	125	56	24	50	8	20	90	10	115	95	140	0	M8	3	165	130	200	0	12	3.5	180	180	175	260	360
ML100L	160	140	63	28	60	8	24	100	12	130	110	160	0	M8	3.5	215	180	250	0	15	4	205	205	200	280	380
ML112	190	140	70	28	60	8	24	112	12	130	110	160	0	M10	3.5	215	180	250	0	15	4	245	240	180	285	400

技术数据 TECHNICAL DATA AT 50 HZ

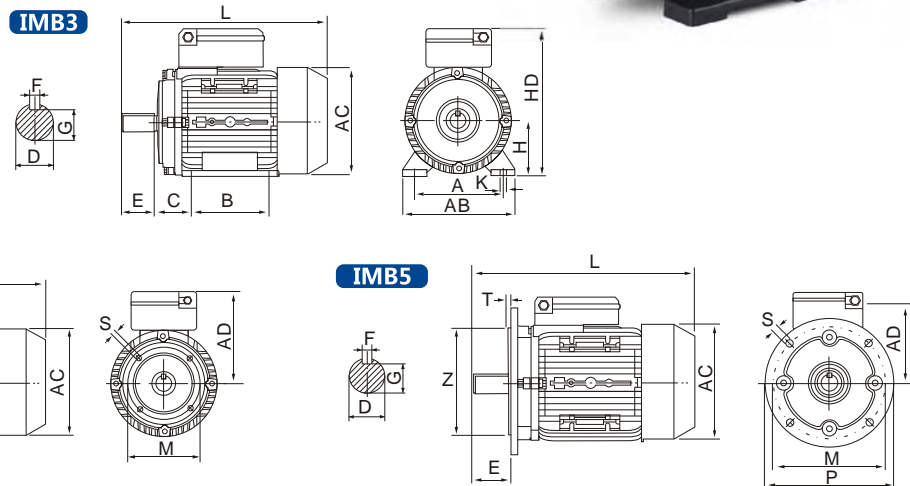
型号 Model	功率 Power		电压 Voltage (V)	电流 Current (A)	转速 Speed (r.p.m)	效率 Eff (%)	功率因数 Power factor	堵转转矩 额定转矩 Tst/Tn(Times)	最大转矩 额定转矩 Tmax/Tn(Times)	堵转电流 额定电流 Ist/In(Times)	净重 N.W.(kg)
	KW	HP									
ML711-2	0.37	1/2	220	2.73	2800	67	0.92	2.3	1.8	16	6
ML712-2	0.55	3/4	220	3.88	2800	70	0.92	2.5	1.8	21	7
ML801-2	0.75	1	220	5.15	2800	72	0.92	2.5	1.8	30	9.5
ML802-2	1.1	1.5	220	7.02	2800	75	0.95	2.5	1.8	40	10.5
ML90S-2	1.5	2	220	9.44	2800	76	0.95	2.5	1.8	55	13.6
ML90L-2	2.2	3	220	13.67	2800	77	0.95	2.5	1.8	80	16.5
ML100L-2	3	4	220	18.2	2800	79	0.95	2.5	1.8	110	25
ML711-4	0.25	1/3	220	1.99	1400	62	0.92	2.5	1.8	12	6
ML712-4	0.37	1/2	220	2.81	1400	65	0.92	2.5	1.8	16	7
ML801-4	0.55	3/4	220	4	1400	68	0.92	2.5	1.8	21	10
ML802-4	0.75	1	220	5.22	1400	71	0.92	2.5	1.8	30	11.5
ML90S-4	1.1	1.5	220	7.2	1400	73	0.95	2.5	1.8	40	14
ML90L-4	1.5	2	220	9.57	1400	75	0.95	2.5	1.8	55	16.5
ML100L1-4	2.2	3	220	13.9	1400	76	0.95	2.5	1.8	80	24
ML100L2-4	3	4	220	18.6	1400	77	0.95	2.5	1.8	110	26
ML112M-4	4	5.5	220	20.6	1400	79	0.97	2.5	1.8	120	34

Note: 230V/50Hz, 240V/50Hz, 110V/60Hz, 115V/60Hz, 127V/60Hz ets. Models are available on request
备注: 可以按要求生产230V/50Hz, 240V/50Hz, 110V/60Hz, 115V/60Hz, 127V/60Hz等电压频率

MY 系列单相电容运转异步电动机 SERIES SINGLE-PHASE CAPACITOR RUNNING ASYNCHRONOUS MOTORS WITH ALUMINIUM HOUSING

- Conform to the IEC standard
- Be made of selected quality materials, latest design in entirety
- Good performance, low noise, little vibration, safe and reliable cooperation
- Nice appearance, light weight
- Be maintained very conveniently, simple construction
- Lower starting torque 0.3 to 0.4 times more than rated torque
- Be used in a multitude of application where the lower starting torque is demanded, such as home electric appliances, pumps, fans and recording meters, etc.

- 符合IEC标准
- 优质材料，设计新颖
- 高性能，低噪音，低振动，操作安全可靠
- 外形美观，重量轻
- 维护方便，结构简单
- 启动转矩低，0.3至0.4倍额定转矩
- 广泛应用于众多对启动转矩要求低的领域，如家用电器，水泵，风机和测量仪等。



外形及安装尺寸 OVERALL & INSTALLATION DIMENSIONS

机座号 Frame size	装配尺寸 Mounting Dimensions(mm)																				外型尺寸 Overall					
	安装尺寸 Installation Size (mm)										IMB14					IMB5					Dimensions (mm)					
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	M	N	P	R	S	T	AB	AC	AD	HD	L
MY63	100	80	40	11	23	4	8.5	63	7	75	60	90	0	M5	2.5	115	95	140	0	10	3	130	130	125	180	230
MY71	112	90	45	14	30	5	11	71	7	85	70	105	0	M6	2.5	130	110	160	0	10	3.5	145	145	130	200	255
MY80	125	100	50	19	40	6	15.5	80	10	100	80	120	0	M6	3	165	130	200	0	12	3.5	160	160	160	240	295
MY90S	140	100	56	24	50	8	20	90	10	115	95	140	0	M8	3	165	130	200	0	12	3.5	180	180	175	260	335
MY90L	140	125	56	24	50	8	20	90	10	115	95	140	0	M8	3	165	130	200	0	12	3.5	180	180	175	260	360

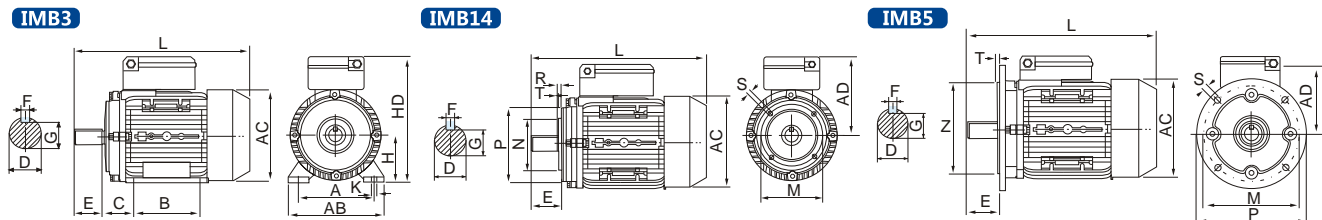
技术数据 TECHNICAL DATA AT 50 HZ

型号 Model	功率 Power		电压 Voltage (V)	电流 Current (A)	转速 Speed (r.p.m)	效率 Eff (%)	功率因数 Power factor	堵转转矩 额定转矩 Tst/Tn(Times)	最大转矩 额定转矩 Tmax/Tn(Times)	堵转电流 额定电流 Ist/In(Times)	净重 N.W.(kg)
	KW	HP									
MY631-2	0.18	1/4	220	1.48	2800	60	0.92	0.4	1.7	5	4.6
MY632-2	0.25	1/3	220	1.96	2800	63	0.92	0.4	1.7	7	5
MY711-2	0.37	1/2	220	2.73	2800	67	0.92	0.35	1.7	10	5.5
MY712-2	0.55	3/4	220	3.88	2800	70	0.92	0.35	1.7	15	6.1
MY801-2	0.75	1	220	5.15	2800	72	0.92	0.33	1.7	20	9
MY802-2	1.1	1.5	220	7.02	2800	75	0.95	0.33	1.7	30	10
MY90S-2	1.5	2	220	9.44	2800	76	0.95	0.3	1.7	45	13.5
MY90L-2	2.2	3	220	13.67	2800	77	0.95	0.3	1.7	65	16
MY631-4	0.12	1/6	220	1.1	1400	55	0.9	0.4	1.7	3.5	4.7
MY632-4	0.18	1/4	220	1.62	1400	56	0.9	0.4	1.7	5	5.1
MY711-4	0.25	1/3	220	2.02	1400	61	0.92	0.35	1.7	7	6.3
MY712-4	0.37	1/2	220	2.95	1400	62	0.92	0.35	1.7	10	6.8
MY801-4	0.55	3/4	220	4.25	1400	64	0.92	0.35	1.7	15	9.5
MY802-4	0.75	1	220	5.45	1400	68	0.92	0.32	1.7	20	11
MY90S-4	1.1	1.5	220	7.45	1400	71	0.95	0.32	1.7	30	14.5
MY90L-4	1.5	2	220	9.83	1400	73	0.95	0.3	1.7	45	17.5

Note: 230V/50Hz, 240V/50Hz, 110V/60Hz, 115V/60Hz, 127V/60Hz ets. Models are available on request
备注：可以按要求生产230V/50Hz, 240V/50Hz, 110V/60Hz, 115V/60Hz, 127V/60Hz等电压频率

MC 系列单相电容启动异步电动机 SERIES SINGLE-PHASE CAPACITOR START ASYNCHRONOUS MOTORS WITH ALUMINIUM HOUSING

- Conform to IEC standard
- Be made of selected quality materials, latest design in entirety
- Good performance, low noise, little vibration, safe and reliable cooperation
- Nice appearance, light weight
- Be maintained very conveniently, simple construction
- Higher starting torque, 2.5times more than the rated torque
- Be used in a multitude of application where the higher starting torque is demanded, such as air-compressors, pumps, refrigerators, medical apparatus, instruments, and many other machines with need full-load start.
- 符合IEC标准
- 优质材料, 设计新颖
- 高性能, 低噪音, 低振动, 操作安全可靠
- 外形美观, 重量轻
- 维护方便, 结构简单
- 启动转矩高, 2.5倍额定转矩
- 广泛应用于众多对质量及可靠性要求高的领域, 如商业, 工业, 建筑业, 给水和农业灌溉等。



外形及安装尺寸 OVERALL & INSTALLATION DIMENSIONS

机座号 Frame size	装配尺寸 Mounting Dimensions(mm)																外型尺寸 Overall Dimensions (mm)									
	安装尺寸 Installation Size (mm)																IMB14					IMB5				
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	M	N	P	R	S	T	AB	AC	AD	HD	L
MC71	112	90	45	14	30	5	11	71	7	85	70	105	0	M6	2.5	130	110	160	0	10	3.5	145	145	130	200	255
MC80	125	100	50	19	40	6	15.5	80	10	100	80	120	0	M6	3	165	130	200	0	12	3.5	160	160	160	240	295
MC90S	140	100	56	24	50	8	20	90	10	115	95	140	0	M8	3	165	130	200	0	12	3.5	180	180	175	260	335
MC90L	140	125	56	24	50	8	20	90	10	115	95	140	0	M8	3	165	130	200	0	12	3.5	180	180	175	260	360
MC100L	160	140	63	28	60	8	24	100	12	130	110	160	0	M8	3.5	215	180	250	0	15	4	205	205	200	280	380
MC112M	190	140	70	28	60	8	24	112	12	130	110	160	0	M10	3.5	215	180	250	0	15	4	245	240	180	310	400

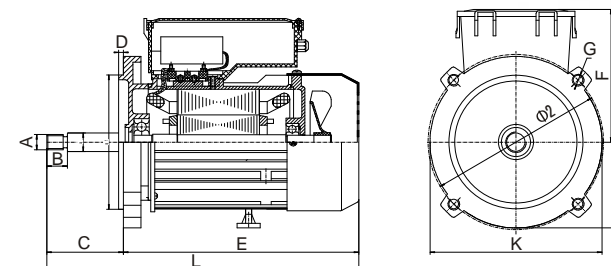
技术数据 TECHNICAL DATA AT 50 HZ

型号 Model	功率 Power		电压 Voltage (V)	电流 Current (A)	转速 Speed (r.p.m)	效率 Eff (%)	功率因数 Power factor	堵转转矩 额定转矩 Tst/Tn(Times)	最大转矩 额定转矩 Tmax/Tn(Times)	堵转电流 额定电流 Ist/In(Times)	净重 N.W.(kg)
	KW	HP									
MC711-2	0.18	1/4	220	1.899	2800	60	0.72	3	1.8	12	6.5
MC712-2	0.25	1/3	220	2.4	2800	64	0.74	3	1.8	15	6.8
MC801-2	0.37	1/2	220	3.36	2800	65	0.77	2.8	1.8	21	6.3
MC802-2	0.55	3/4	220	4.65	2800	68	0.79	2.8	1.8	29	9
MC90S-2	0.75	1	220	6.09	2800	70	0.8	2.5	1.8	37	12.5
MC90L-2	1.1	1.5	220	8.68	2800	72	0.8	2.5	1.8	60	14
MC100L1-2	1.5	2	220	11.38	2900	74	0.81	2.5	1.8	80	22.5
MC100L2-2	2.2	3	220	16.48	2900	75	0.81	2.2	1.8	120	25.5
MC112M-2	3	4	220	21.88	2900	76	0.82	2.2	1.8	150	26
MC711-4	0.12	1/6	220	1.88	1400	50	0.58	3	1.8	9	6.5
MC712-4	0.18	1/4	220	2.49	1400	53	0.62	2.8	1.8	12	6.7
MC801-4	0.25	1/3	220	3.11	1400	58	0.63	2.8	1.8	15	8.9
MC802-4	0.37	1/2	220	4.24	1400	62	0.64	2.5	1.8	21	9.6
MC90S-4	0.55	3/4	220	5.49	1400	66	0.69	2.5	1.8	29	12.5
MC90L-4	0.75	1	220	6.87	1400	68	0.73	2.5	1.8	37	15
MC100L1-4	1.1	1.5	220	9.52	1450	71	0.74	2.5	1.8	60	23
MC100L2-4	1.5	2	220	12.45	1450	73	0.75	2.5	1.8	80	27
MC112M-4	2.2	3	220	17.78	1450	74	0.76	2.2	1.8	120	35

Note: 230V/50Hz, 240V/50Hz, 110V/60Hz, 115V/60Hz, 127V/60Hz ets. Models are available on request
备注: 可以按要求生产230V/50Hz, 240V/50Hz, 110V/60Hz, 115V/60Hz, 127V/60Hz等电压频率

FT/SD 系列单相电容运转异步电动机 SERIES SINGLE-PHASE CAPACITOR RUNNING ASYNCHRONOUS MOTOR WITH ALUMINIUM HOUSING

- Designed for the pool pump, bathtub pump, centrifugal pump
- Be made of selected quality material, latest design in entirety
- Good performance, low noise, little vibration, safe and reliable cooperation
- Nice appearance, light weight
- Be maintained very conveniently, simple construction
- 专为泳池泵, 浴缸泵, 离心泵而设计的配套电机
- 优质材料, 设计新颖
- 高性能, 低噪音, 低振动, 操作安全可靠
- 外形美观, 重量轻
- 维护方便, 结构简单



外形及安装尺寸 OVERALL & INSTALLATION DIMENSIONS

机座号 Frame size	装配尺寸 Mounting Dimensions(mm)										外型尺寸 Overall Overall Dimension		
	A	B	C	D	E	F	G	Φ	Φ1	Φ2	L	K	H
FT63-180	UNC3/8"x16	14.5	61.4	4	197	110	4-φ6	12.7	114.3	131	258	142	182
FT63-250	UNC3/8"x16	14.5	61.4	4	197	110	4-φ6	12.7	114.3	131	258	142	182
FT63-370	UNC3/8"x16	14.5	61.4	4	197	110	4-φ6	12.7	114.3	131	258	142	182
FT63-550	UNC3/8"x16	14.5	61.4	4	197	110	4-φ6	12.7	114.3	131	258	142	182
FT71-550	UNC3/8"x16	14.5	61.4	4	216	120	4-φ6	12.7	114.3	131	280	142	186
FT71-750	UNC3/8"x16	14.5	61.4	4	216	120	4-φ6	12.7	114.3	131	280	142	186
SD63-180	UNF7/16"x20	17.5	65.1	4	197	110	UNC3/8"x16	15.875	114.3	149.2	258	146	185
SD63-250	UNF7/16"x20	17.5	65.1	4	197	110	UNC3/8"x16	15.875	114.3	149.2	258	146	185
SD63-370	UNF7/16"x20	17.5	65.1	4	197	110	UNC3/8"x16	15.875	114.3	149.2	258	146	185
SD63-550	UNF7/16"x20	17.5	65.1	4	197	110	UNC3/8"x16	15.875	114.3	149.2	258	146	185
SD71-550	UNF7/16"x20	17.5	65.1	4	218	120	UNC3/8"x16	15.875	114.3	149.2	282	146	189
SD71-750	UNF7/16"x20	17.5	65.1	4	218	120	UNC3/8"x16	15.875	114.3	149.2	282	146	189
SD80-1100	UNF7/16"x20	17.5	65.1	4	243	150	UNC3/8"x16	15.875	114.3	149.2	305	165	230
SD80-1500	UNF7/16"x20	17.5	65.1	4	243	150	UNC3/8"x16	15.875	114.3	149.2	305	165	230

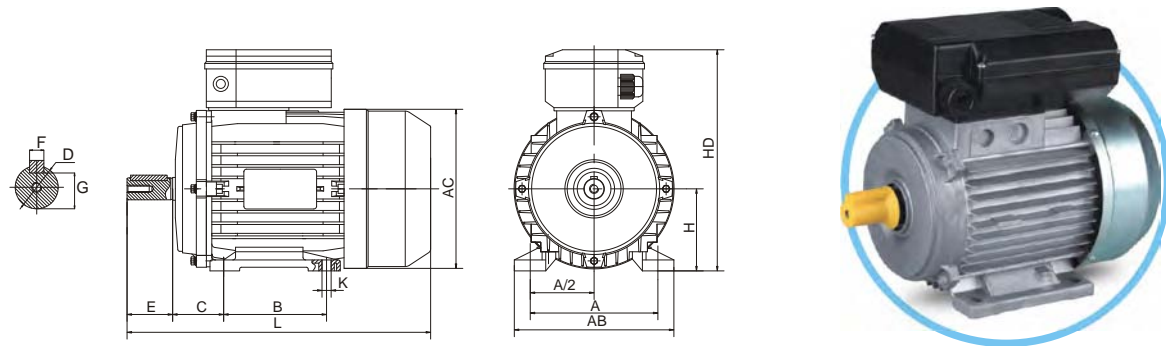
技术数据 TECHNICAL DATA

型号 Model	功率 Power		电压 Voltage (V)	频率 Frequency (Hz)	电流 Current (A)	转速 Speed (r.p.m)	效率 Eff (%)	功率因数 Power factor	堵转转矩 额定转矩 Tst/Tn(Times)	最大转矩 额定转矩 Tmax/Tn(Times)	堵转电流 额定电流 Ist/In(Times)	净重 N.W.(kg)
	KW	HP										
FT63-180	0.18	1/4	220	50	1.33	2800	66	0.93	0.5	1.8	4	3.7
FT63-250	0.25	1/3	220	50	1.82	2800	67	0.93	0.5	1.8	4	4
FT63-370	0.37	1/2	220	50	2.62	2800	69	0.93	0.45	1.8	4	4.2
FT63-550	0.55	3/4	220	50	3.79	2800	71	0.93	0.45	1.8	4	5
FT71-550	0.55	3/4	220	50	3.79	2800	71	0.93	0.45	1.8	4	6.2
FT71-750	0.75	1	220	50	5.02	2800	73	0.93	0.4	1.8	4	6.6
SD63-180	0.18	1/4	110/220	60	2.62/1.31	3450	67	0.93	0.5	1.8	4	3.6
SD63-250	0.25	1/3	110/220	60	3.6/1.8	3450	68	0.93	0.5	1.8	4	4
SD63-370	0.37	1/2	110/220	60	5.16/2.58	3450	70	0.93	0.45	1.8	4	4.6
SD63-550	0.55	3/4	110/220	60	7.46/3.73	3450	72	0.93	0.45	1.8	4	5
SD71-550	0.55	3/4	110/220	60	7.66/3.83	3450	72	0.93	0.45	1.8	4	6.4
SD71-750	0.75	1	110/220	60	9.9/4.95	3450	74	0.93	0.4	1.8	4	6.9
SD80-1100	1.1	1.5	110/220	60	14.14/7.07	3450	76	0.93	0.4	1.8	4	10
SD80-1500	1.5	2	110/220	60	19.04/9.52	3450	77	0.93	0.35	1.8	5	11.7

AC SERIES AIR COMPRESSOR MOTORS WITH ALUMINIUM HOUSING

- Conform to the IEC standard
- Be made of selected quality materials, latest design in entirety
- Good performance, low noise, little vibration, safe and reliable cooperation
- Nice appearance, light weight
- Be maintained very conveniently, simple construction
- Lower starting torque 0.3 to 0.4 times more than rated torque
- Be used in a multitude of application where the lower starting torque is demanded, such as home electric appliances, pumps, fans and recording meters, etc.

- 符合IEC标准
- 优质材料，设计新颖
- 高性能，低噪音，低振动，操作安全可靠
- 外形美观，重量轻
- 维护方便，结构简单
- 启动转矩低，0.3至0.4倍额定转矩
- 广泛应用于众多对启动转矩要求低的领域，如家用电器，水泵，风机和测量仪等。



外形及安装尺寸 OVERALL & INSTALLATION DIMENSIONS

机座号 Frame size	装配尺寸 Mounting Dimensions(mm)									外型尺寸Overall			
	IMB3									Overall Dimension			
	A	B	C	D	E	F	G	H	K	AB	AC	HD	L
AC801-2	125	100	50	19	40	6	15.5	80	10X13	154	φ154	228	285
AC802-2	125	100	50	19	40	6	15.5	80	10X13	154	φ154	228	285
AC803-2	125	100	50	19	40	6	15.5	80	10X13	154	φ154	228	285
AC801-4	125	100	50	19	40	6	15.5	80	10X13	154	φ154	228	285
AC802-4	125	100	50	19	40	6	15.5	80	10X13	154	φ154	228	285

技术数据 TECHNICAL DATA AT 50 HZ

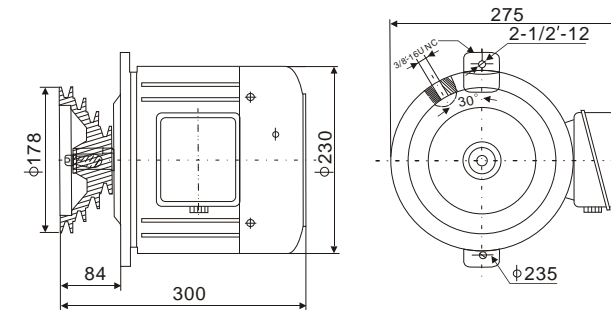
型号 Model	功率Power		电压 Voltage (V)	电流 Current (A)	转速 Speed (r.p.m)	效率 Eff (%)	功率因数 Power factor	堵转转矩 额定转矩 Tst/Tn(Times)	最大转矩 额定转矩 Tmax/Tn(Times)	堵转电流 额定电流 Ist/In(Times)	净重 N.W.(kg)
	KW	HP									
AC801-2	0.75	1	220	4.7	2800	72	0.92	0.33	1.7	20	8
AC802-2	1.1	1.5	220	6.7	2800	75	0.95	0.33	1.7	30	10
AC803-2	1.5	2	220	9.4	2800	76	0.95	0.3	1.7	45	10.5
AC801-4	0.55	0.75	220	4.25	1400	64	0.92	0.35	1.7	15	8.5
AC802-4	0.75	1	220	4.5	1400	68	0.92	0.33	1.7	20	9

Note:230V/50Hz ,240V/50Hz ,110V/60Hz , 115V/60Hz ,127V/60Hz ets.Models are available on request
备注：可以按要求生产230V/50Hz ,240V/50Hz ,110V/60Hz , 115V/60Hz ,127V/60Hz等电压频率

MT SERIES MILLING MOTOR

According to the special requirements on motors for high-accuracy milling machine, we have designed and manufactured this type of milling motor, whose frame, front shield, end shield and belt pulley are made of die-casting aluminum alloy. These motors are with the following features: good appearance, light weight, well heat dispelled, also they are with lots of advantages: light vibration, low noise, low temperature rise, safe and reliable operation, especially the advantage of stead transfer process of two rotational speeds.

铣床电机是我公司根据高精度铣床配套要求，自行设计、制造的专用电机，前、后端盖、机壳、皮带轮均采用铝合金铸件，整机外形美观，重量轻，散热好。具有振动小、噪声低、温升低、运行平稳，特别是两个转速转换过程平稳等优点。



技术数据 TECHNICAL DATA

型号 Model	极数 Poles	功率Power		电压 Voltage (V)	频率 Frequency (Hz)	电流 Current (A)	转速 Speed (r/min)	效率 Eff (%)	功率因数 Power factor	堵转转矩 额定转矩 Tst/Tn(Times)	最大转矩 额定转矩 Tmax/Tn(Times)	堵转电流 额定电流 Ist/In(Times)	净重 N.W.(kg)
		KW	HP										
MT100-2/4	2	2.2	3	220/380	50	6.68/3.86	2850	76	0.86	2.2	2.4	5	20
	4	2.2	3	220/380	50	7.17/4.14	1430	70	0.79	2.2	2.3	4.5	
MT112-2/4	2	3.7	5	220/380	50	7.2/4.15	2870	81	0.88	2.2	2.2	6	25
	4	3.7	5	220/380	50	7.8/4.5	1440	79	0.81	2.2	2.2	5.5	

CY SERIES AIR-BLOWER



技术数据 TECHNICAL DATA

型号 Model	风轮直径 Wind Wheel Diameter (mm)	风量 Air Quantity (m³/h)	风压 Air Pressure (pa)	功率 Power (kw)	转速 Speed (r/min)	电压 Voltage (V)	额定电流 Rate Current (A)	运转电流 Work Current (A)	进口直径 Air Inlet Diameter (mm)	出口直径 Air Outlet Diameter (mm)
CY-130	130	548	549	0.18	2800	380	0.53	0.4	φ 103	70x86
CY-135	130	560	529	0.18	2800	380	0.53	0.4	φ 114	91x69
CY-170	170	662x2	663	0.55	2825	380	0.8	0.8	φ 173	70x86



MOTOR WITH CAST IRON HOUSING

铁壳电动机系列

THESE RANGE OF MOTORS ARE MADE ACCORDING TO IEC STANDARDS, AND INCORPORATE THE FOLLOWING SERIES:

Y Series Three-Phase Asynchronous Motors
Y2 Series Three-Phase Asynchronous Motors
AEEF Series Three-Phase Asynchronous Motors
YC Series Single-Phase Capacitor Start Asynchronous Motors
YCL Series Single-Phase Dual-Capacitor Asynchronous Motors
YL Series Single-Phase Dual-Capacitor Asynchronous Motors
These are superior motors that can be used in a multitude of applications in the commercial, industrial, building service, water treatment and agricultural fields where superior quality and reliability are demanded.

铁壳系列电动机，符合IEC标准，包含如下系列：

Y系列三相异步电动机
Y2系列三相异步电动机
AEEF 系列三相异步电动机
YC系列单相电容启动异步电动机
YCL系列单相双电容启动异步电动机
YL系列单相双电容启动异步电动机
该系列电动机广泛应用于众多对质量及可靠性要求极高的领域，如商业、工业、建筑业、给水和农业灌溉等。

MOTOR FEATURES

- Utilise IP44 enclosures, IP54 on request
- Fixed feet
- Superior paint finish
- Motors made to heavy duty service factors
- Can be made with stainless steel shaft
- Motors made for continuous S1 duty
- Utilise Vacuum impregnated Class F insulation
- High performance and efficiency

产品特点

- IP44 (IP54)
- 固定脚
- 外形美观
- 适应于高负载工作
- 可供不锈钢轴
- S1连续工作制
- F级绝缘
- 高性能、高效率

CUSTOMER BENEFITS

- Water dust and vermin resistant
- Quiet operation
- Electricity saving
- Easy intallation
- Corrosion resistant
- Safety and reliable
- Superior life
- Reliable in country, city or factory environments

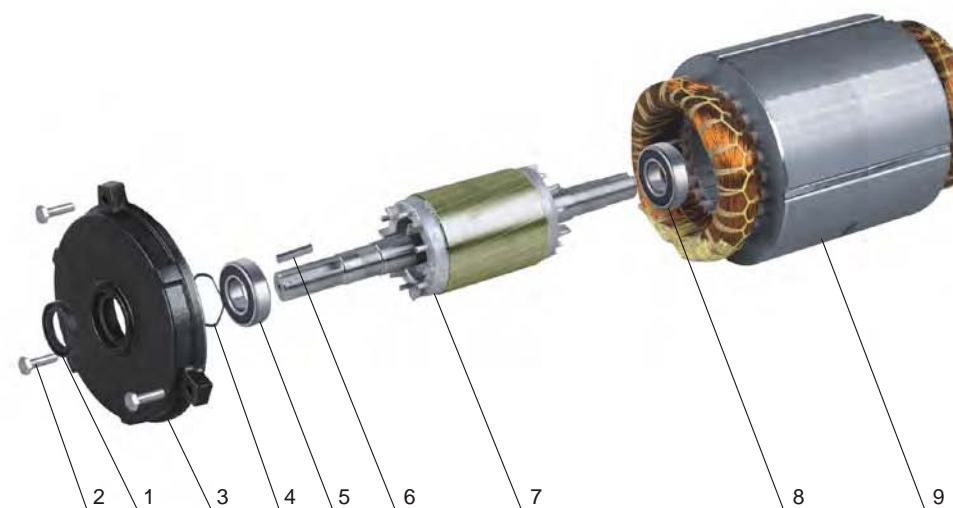
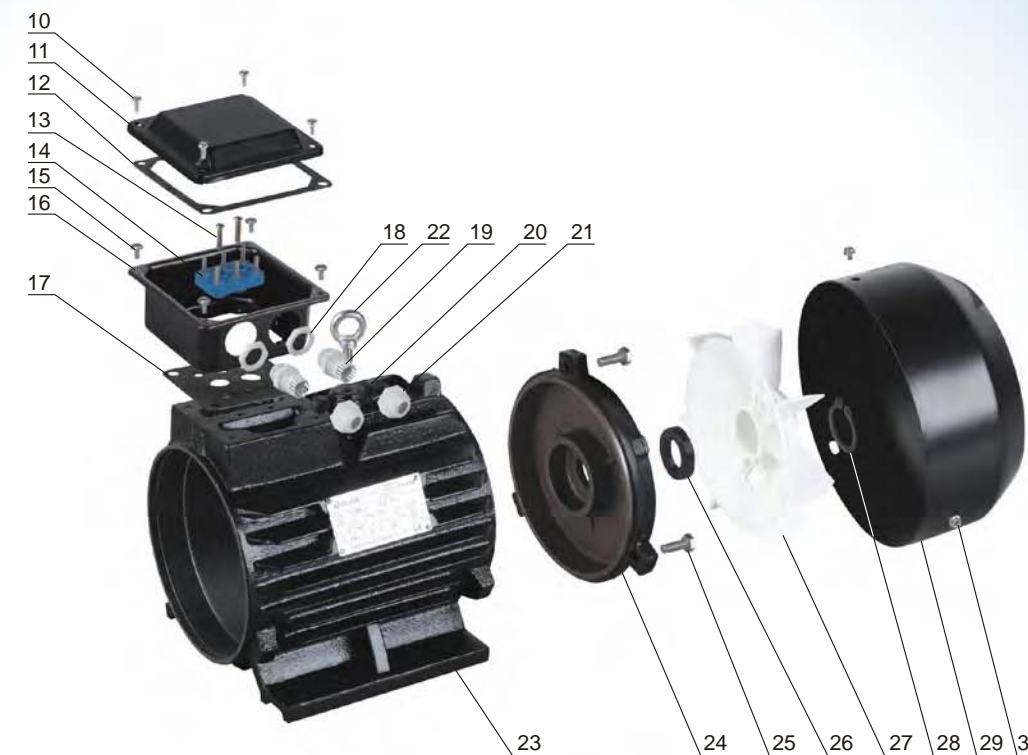
产品优势

- 防水、防尘、防害
- 低噪音
- 节能
- 安装便捷
- 防腐
- 安全可靠
- 使用寿命长
- 适用于乡村、城市、工厂

铁壳电机分解图

EXPANDED DIAGRAM

MOTOR WITH CAST IRON HOUSING



图表 DIAGRAM

No.	名称 DESCRIPTION	No.	名称 DESCRIPTION	No.	名称 DESCRIPTION	No.	名称 DESCRIPTION
1	骨架油封 (Oil Seal)	9	定子线圈 (Coil Stator)	17	橡胶垫片 (Washer)	25	外六角螺栓 (Screw)
2	外六角螺栓 (Screw)	10	十字螺钉 (Screw)	18	出线套螺母 (Nut)	26	骨架油封 (Oil Seal)
3	前端盖 (Motor Front Cover)	11	接线盒盖 (Terminal cover)	19	出线套 (Plug Screw)	27	风叶 (Fan)
4	波形垫片 (Spring Ring)	12	橡胶垫片 (Washer)	20	防水圈 (Water Guard)	28	卡环 (Snap Ring)
5	轴承 (Bearing)	13	十字螺钉 (Screw)	21	出线螺套 (Cable Guard)	29	风罩 (Fan Cover)
6	平键 (Key)	14	接线板 (Terminal board)	22	吊环 (Hand Ring)	30	十字螺钉 (Screw)
7	转子 (Rotor)	15	十字螺钉 (Screw)	23	机壳 (Motor Housing)		
8	轴承 (Bearing)	16	接线盒座 (Terminal base)	24	后端盖 (End Cover)		

Y 系列三相异步电动机
SERIES THREE-PHASE ASYNCHRONOUS MOTORS
WITH CAST IRON HOUSING



Y Series motors are totally enclosed and fan cooling, three-phase squirrel cage induction motor, it is newly designed in conformity with the relevant rules of IEC and DIN42673 standards.

Y series motors have outstanding performance, such as high efficiency, energy saving, high starting torque, low noise, little vibration, reliable operation and easy maintenance, etc.

Y series motors are widely used in many places, where do not exist combustible, explosive or corrosive gas, and without any special requirements, such as machine tools, pumps, fans, transport machinery, mixer, agriculture machinery and food machines, etc.

OPERATING CONDITIONS

Ambient temperature: $-15^{\circ}\text{C} \leq \leq 40^{\circ}\text{C}$

Above sea level: not exceed 1000m

Rated voltage: $\pm 5\%$

Y 系列电动机是全封闭自扇冷式鼠笼型三相异步电动机，是最新设计的基本系列，符合IEC标准的有关规定。Y 系列电动机具有高效、节能、起动转矩大、噪声低、振动小、可靠性高、使用维护方便等特点。

Y 系列电动机广泛应用于不含易燃、易爆或腐蚀性气体的一般场合和特殊要求的机械设备上，如金属切削机床、泵、风机、运输机械、搅拌机、农业机械和食品机械等。

使用条件：

环境温度： $-15^{\circ}\text{C} \leq \leq 40^{\circ}\text{C}$

海拔：不超过1000m

额定电压： $\pm 5\%$

MOTOR FEATURES

- Utilise IP44 enclosures, IP54 on request
- Fixed feet
- Superior paint finish
- Motors made to heavy duty service factors
- Can be made with stainless steel shaft
- Motors made for continuous S1 duty
- Utilise Vacuum impregnated Class F insulation
- High performance and efficiency

产品特点

- IP44 (IP54)
- 固定脚
- 外形美观
- 适应于高负载工作
- 可供不锈钢轴
- S1连续工作制
- F级绝缘
- 高性能、高效率

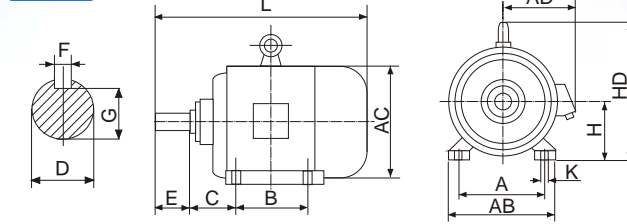
CUSTOMER BENEFITS

- Water dust and vermin resistant
- Quiet operation
- Electricity saving
- Easy intallation
- Corrosion resistant
- Safety and reliable
- Superior life
- Reliable in country, city or factory environments

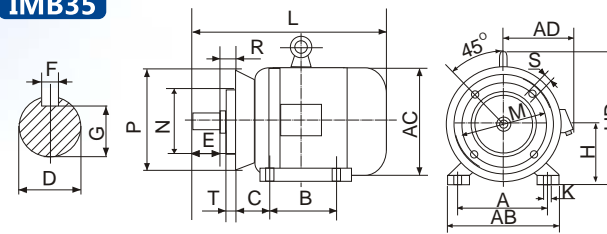
产品优势

- 防水、防尘、防害
- 低噪音
- 节能
- 安装便捷
- 防腐
- 安全可靠
- 使用寿命长
- 适用于乡村、城市、工厂

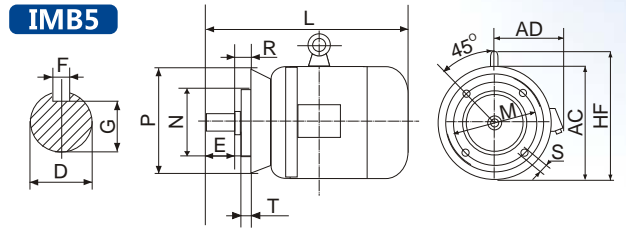
IMB3



IMB35



IMB5



外形及安装尺寸 OVERALL & INSTALLATION DIMENSIONS

机座号 Frame size	装配尺寸 Mounting Dimensions (mm)															外型尺寸 Overall Dimensions (mm)					
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	AC	AD	HD	HF	L
Y80	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	165	175	150	175	185	290
Y90S	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	195	160	195	195	315
Y90L	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	195	160	195	195	340
Y100L	160	140	63	28	60	8	24	100	12	215	180	250	0	15	4	205	215	180	245	245	380
Y112M	190	140	70	28	60	8	24	112	12	215	180	250	0	15	4	245	240	190	265	265	400
Y132S	216	140	89	38	80	10	33	132	12	265	230	300	0	15	4	280	275	210	315	315	475
Y132M	216	178	89	38	80	10	33	132	12	265	230	300	0	15	4	280	275	210	315	315	515
Y160M	254	210	108	42	110	12	37	160	15	300	250	350	0	19	5	330	335	265	385	385	605
Y160L	254	254	108	42	110	12	37	160	15	300	250	350	0	19	5	330	335	265	385	385	650
Y180M	279	241	121	48	110	14	42.5	180	15	300	250	350	0	19	5	355	380	285	430	430	670
Y180L	279	279	121	48	110	14	42.5	180	15	300	250	350	0	19	5	355	380	285	430	430	710
Y200L	318	305	133	55	110	16	49	200	19	350	300	400	0	19	5	395	420	315	475	480	775
Y225S	356	286	149	60	140	18	53	225	19	400	350	450	0	19	5	435	475	345	530	535	820
Y225M-2	356	311	149	55	110	16	49	225	19	400	350	450	0	19	5	435	475	345	530	535	815
Y225M-4, 6	356	311	149	60	140	18	53	225	19	400	350	450	0	19	5	435	475	345	530	535	845
Y250M-2	406	349	168	60	140	18	53	250	24	500	450	550	0	19	5	490	515	385	575	650	930
Y250M-4, 6	406	349	168	65	140	18	58	250	24	500	450	550	0	19	5	490	515	385	575	650	930
Y280S-2	457	368	190	65	140	18	58	280	24	500	450	550	0	19	5	550	580	410	640	720	1000
Y280S-4, 6	457	368	190	75	140	20	67.5	280	24	500	450	550	0	19	5	550	580	410	640	720	1000
Y280M-2	457	419	190	65	140	18	58	280	24	500	450	550	0	19	5	550	580	410	640	720	1050
Y280M-4, 6	457	419	190	75	140	20	67.5	280	24	500	450	550	0	19	5	550	580	410	640	720	1050
Y315S-2	508	406	216	65	140	18	58	315	28	600	550	660	0	24	6	744	645	576	865	900	1240
Y315S-4, 6	508	406	216	80	170	22	71	315	28	600	550	660	0	24	6	744	645	576	865	900	1270
Y315M-2	508	457	216	65	140	18	58	315	28	600	550	660	0	24	6	744	645	576	865	900	1310
Y315M-4, 6	508	457	216	80	170	22	71	315	28	600	550	660	0	24	6	744	645	576	865	900	1340
Y315L-2	508	508	216	65	140	18	58	315	28	600	550	660	0	24	6	744	645	576	865	900	1310
Y315L-4, 6	508	508	216	80	170	22	71	315	28	600	550	660	0	24	6	744	645	576	865	900	1340

技术数据 TECHNICAL DATA AT 50Hz

型号 Model	功率 Power		电压 Voltage (V)	电流 Current (A)	转速 Speed (r.p.m)	效率 Eff (%)	功率因数 Power factor	堵转转矩 额定转矩 Tst/Tn(Times)	最大转矩 额定转矩 Tmax/Tn(Times)	堵转电流 额定电流 Ist/In(Times)	净重 N.W.(kg)
	KW	HP									
Y801-2	0.75	1	220/380	1.8/1.04	2830	75.0	0.84	2.2	2.3	6.5	17
Y802-2	1.1	1.5	220/380	2.5/1.44	2830	77.0	0.86	2.2	2.3	7.0	18
Y90S-2	1.5	2	220/380	3.4/1.96	2840	78.0	0.85	2.2	2.3	7.0	22
Y90L-2	2.2	3	220/380	4.8/2.77	2840	80.5	0.86	2.2	2.3	7.0	26
Y100L-2	3	4	220/380	6.4/3.7	2870	82.0	0.87	2.2	2.3	7.0	35
Y112M-2	4	5.5	380/660	8.2/4.7	2890	85.5	0.87	2.2	2.3	7.0	45
Y132S1-2	5.5	7.5	380/660	11.1/6.4	2900	85.5	0.88	2.0	2.3	7.0	67
Y132S2-2	7.5	10	380/660	15/8.66	2900	86.2	0.88	2.0	2.3	7.0	71
Y160M1-2	11	15	380/660	21.8/12.6	2930	87.2	0.88	2.0	2.3	7.0	118
Y160M2-2	15	20	380/660	29.4/17	2930	88.2	0.88	2.0	2.3	7.0	130
Y160L-2	18.5	25	380/660	35.5/20.5	2930	89.0	0.89	2.0	2.2	7.0	150
Y180M-2	22	30	380/660	42.2/24.36	2940	89.0	0.89	2.0	2.2	7.0	175
Y200L1-2	30	40	380/660	57/32.9	2950	90.0	0.89	2.0	2.2	7.0	227
Y200L2-2	37	50	380/660	69.8/40.3	2950	90.5	0.89	2.0	2.2	7.0	255
Y225M-2	45	60	380/660	84/48.5	2970	91.5	0.89	2.0	2.2	7.0	320
Y250M-2	55	75	380/660	103/59.47	2970	91.5	0.89	2.0	2.2	7.0	389
Y280S-2	75	100	380/660	139/80.3	2970	92.0	0.89	2.0	2.2	7.0	520
Y280M-2	90	125	380/660	166/95.8	2970	92.5	0.89	2.0	2.2	7.0	577
Y315S-2	110	150	380/660	203/117.2	2980	92.5	0.89	1.8	2.2	6.8	980
Y315M-2	132	180	380/660	242/139.7	2980	93.0	0.89	1.8	2.2	6.8	1080
Y315L1-2	160	220	380/660	292/168.6	2980	93.5	0.89	1.8	2.2	6.8	1160
Y315L2-2	200	270	380/660	365/210.7	2980	93.5	0.89	1.8	2.2	6.8	1210
Y801-4	0.55	0.75	220/380	1.5/0.87	1390	73.0	0.76	2.4	2.3	6.0	17
Y802-4	0.75	1	220/380	2/1.15	1390	74.5	0.76	2.3	2.3	6.0	18
Y90S-4	1.1	1.5	220/380	2.8/1.62	1400	78.0	0.78	2.3	2.3	6.5	23
Y90L-4	1.5	2	220/380	3.7/2.14	1400	79.0	0.79	2.3	2.3	6.5	27
Y100L1-4	2.2	3	220/380	5/2.9	1430	81.0	0.82	2.2	2.3	7.0	35
Y100L2-4	3	4	220/380	6.8/3.93	1430	82.5	0.81	2.2	2.3	7.0	38
Y112M-4	4	5.5	380/660	8.8/5.08	1440	84.5	0.82	2.2	2.3	7.0	49
Y132S-4	5.5	7.5	380/660	11.6/6.7	1440	85.5	0.84	2.2	2.3	7.0	67
Y132M-4	7.5	10	380/660	15.4/8.9	1440	87.0	0.85	2.2	2.3	7.0	80
Y160M-4	11	15	380/660	22.6/13.1	1460	88.0	0.84	2.2	2.3	7.0	124
Y160L-4	15	20	380/660	30.3/17.5	1460	88.5	0.85	2.2	2.3	7.0	147
Y180M-4	18.5	25	380/660	36/20.7	1470	91.0	0.86	2.0	2.2	7.0	169
Y180L-4	22	30	380/660	42.5/24.5	1470	91.5	0.86	2.0	2.2	7.0	184
Y200L-4	30	40	380/660	56.8/32.8	1470	92.2	0.87	2.0	2.2	7.0	241
Y225S-4	37	50	380/660	70.4/40.7	1470	91.8	0.87	1.9	2.2	7.0	300
Y225M-4	45	60	380/660	84.2/48.6	1470	92.3	0.88	1.9	2.2	7.0	330
Y250M-4	55	75	380/660	103/59.5	1480	92.6	0.88	2.0	2.2	7.0	400
Y280S-4	75	100	380/660	140/80.8	1480	92.7	0.88	1.9	2.2	7.0	546
Y280M-4	90	125	380/660	164/94.7	1480	93.5	0.89	1.9	2.2	7.0	620
Y315S-4	110	150	380/660	201/117	1480	93.5	0.89	1.8	2.2	6.8	1000
Y315M-4	132	180	380/660	240/138.6	1490	94.0	0.89	1.8	2.2	6.8	1100
Y315L1-4	160	220	380/660	289/166.8	1490	94.5	0.89	1.8	2.2	6.8	1140
Y315L2-4	200	270	380/660	361/208.4	1490	94.5	0.89	1.8	2.2	6.8	1190

技术数据 TECHNICAL DATA AT 50Hz

型号 Model	功率 Power		电压 Voltage (V)	电流 Current (A)	转速 Speed (r.p.m)	效率 Eff (%)	功率因数 Power factor	堵转转矩 额定转矩 Tst/Tn(Times)	最大转矩 额定转矩 Tmax/Tn(Times)	堵转电流 额定电流 Ist/In(Times)	净重 N.W.(kg)
	KW	HP									
Y90S-6	0.75	1	220/380	2.2/1.27	910	72.5	0.70	2.0	2.2	5.5	23
Y90L-6	1.1	1.5	220/380	3.2/1.85	910	73.5	0.72	2.0	2.2	5.5	25
Y100L-6	1.5	2	220/380	4/2.31	940	77.5	0.74	2.0	2.2	6.0	33
Y112M-6	2.2	3	220/380	5.6/3.23	940	80.5	0.74	2.0	2.2	6.0	45
Y132S-6	3	4	220/380	7.2/4.16	960	83.0	0.76	2.0	2.2	6.5	63
Y132M1-6	4	5.5	380/660	9.4/5.43	960	84.0	0.77	2.0	2.2	6.5	73
Y132M2-6	5.5	7.5	380/660	12.6/7.27	960	85.3	0.78	2.0	2.2	6.5	84
Y160M-6	7.5	10	380/660	17/9.8	970	86.0	0.78	2.0	2.0	6.5	119
Y160L-6	11	15	380/660	24.6/14.2	970	87.0	0.78	2.0	2.0	6.5	147
Y180L-6	15	20	380/660	31.4/18.1	970	89.5	0.81	1.8	2.0	6.5	181
Y200L1-6	18.5	25	380/660	37.7/21.77	970	89.8	0.83	1.8	2.0	6.5	215
Y200L2-6	22	30	380/660	44.6/25.7	970	90.2	0.83	1.8	2.0	6.5	235
Y225M-6	30	40	380/660	59.5/34.5	970	90.2	0.85	1.7	2.0	6.5	294
Y250M-6	37	50	380/660	72/41.6	980	90.8	0.86	1.8	2.0	6.5	390
Y280S-6	45	60	380/660	85/49.1	980	92.0	0.87	1.8	2.0	6.5	506
Y280M-6	55	75	380/660	104/60.05	980	92.0	0.87	1.8	2.0	6.5	553
Y315S-6	75	100	380/660	141/81.4	990	92.8	0.87	1.6	2.0	6.5	990
Y315M-6	90	120	380/660	169/97.6	990	93.2	0.87	1.6	2.0	6.5	1080
Y315L1-6	110	150	380/660	205.5/118.7	990	93.5	0.87	1.6	2.0	6.5	1150
Y315L2-6	132	176	380/660	246/1.7	990	93.8	0.87	1.6	2.0	6.5	1210
Y132S-8	2.2	3	220/380	5.85/3.38	710	80.5	0.71	2.0	2.0	5.5	63
Y132M-8	3	4	220/380	7.72/4.46	710	82.0	0.72	2.0	2.0	5.5	79
Y160M1-8	4	5.5	380/660	9.9/5.72	720	84.0	0.73	2.0	2.0	6.0	118
Y160M2-8	5.5	7.5	380/660	13.3/7.7	720	85.0	0.74	2.0	2.0	6.0	119
Y160L-8	7.5	10	380/660	17.7/10.2	730	86.0	0.75	2.0	2.0	5.5	145
Y180L-8	11	15	380/660	24.8/14.32	730	87.5	0.77	1.7	2.0	6.0	172
Y200L-8	15	20	380/660	34.1/19.7	730	88.0	0.76	1.8	2.0	6.0	220
Y225S-8	18.5	25	380/660	41.3/23.8	730	89.5	0.76	1.7	2.0	6.0	263
Y225M-8	22	30	380/660	47.6/27.5	740	90.0	0.78	1.8	2.0	6.0	293
Y250M-8	30	40	380/660	63/36.4	740	90.5	0.80	1.8	2.0	6.0	390
Y280S-8	37	50	380/660	78.2/45.2	740	91.0	0.79	1.8	2.0	6.0	508
Y280M-8	45	60	380/660	93.2/53.8	740	91.7	0.80	1.8	2.0	6.0	533
Y315S-8	55	75	380/660	114/65.8	740	92.0	0.80	1.6	2.0	6.5	1000
Y315M-8	75	100	380/660	152/87.8	740	92.5	0.81	1.6	2.0	6.5	1100
Y315L-8	90	125	380/660	179/103.4	740	93.0	0.82	1.6	2.0	6.5	1160
Y315L2-8	110	150	380/660	218/125.9	740	93.3	0.82	1.6	2.0	6.3	1230

Note: 230/400V/50Hz 240/415V/50Hz, 400/690V/50Hz, 420V/50Hz 380/440V/50/60Hz ets. Models are available on request
 备注：可以按要求生产230/400V/50Hz 240/415V/50Hz, 400/690V/50Hz, 420V/50Hz 380/440V/50/60Hz 等电压频率

Y2 系列三相异步电动机

SERIES THREE-PHASE ASYNCHRONOUS MOTORS

WITH CAST IRON HOUSING



Y2 series three-phase asynchronous motors are designed specially for European market, whose terminal box is located on the top of motor. The motor has a very compact structure and attractive appearance, the sizes and mounting dimensions are all in conformity with IEC standard. The motor has some good feature, such as high efficiency, energy-saving. High starting torque and easy maintenance etc.

OPERATING CONDITIONS

Ambient temperature: $-15^{\circ}\text{C} \leq \leq 40^{\circ}\text{C}$
Above sea level: not exceed 1000m
Rated voltage: $\pm 5\%$

Y2系列三相异步电动机专为欧洲市场设计，接线盒位于电机顶部。电机造型紧凑，外观独特，机身大小及底脚尺寸完全符合IEC标准。Y2系列电机性能优良，高效，节能，高起动转矩，易于维护。

运行环境

环境温度： $-15^{\circ}\text{C} \leq \leq 40^{\circ}\text{C}$
海拔高度：不超过 1000m
额定电压： $\pm 5\%$

MOTOR FEATURES

- Utilise IP54 enclosures, IP55 on request
- Fixed feet
- Superior paint finish
- Motors made to heavy duty service factors
- Can be made with stainless steel shaft
- Motors made for continuous S1 duty
- Utilise Vacuum impregnated Class F insulation
- High performance and efficiency

产品特点

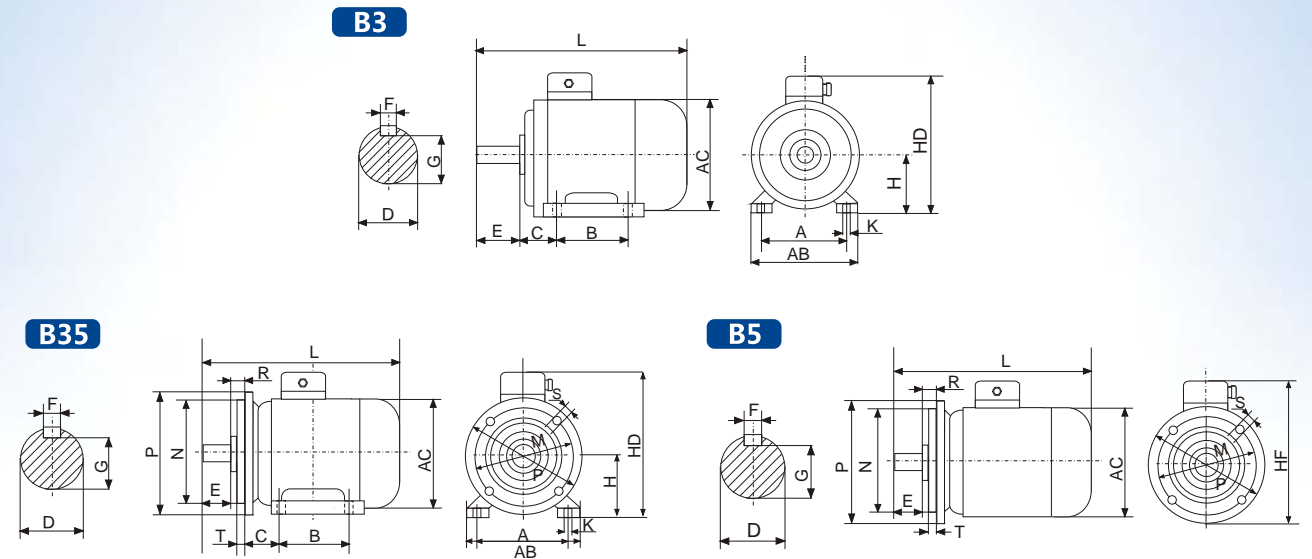
- IP54 (IP55)
- 固定脚
- 外形美观
- 适应于高负载工作
- 可供不锈钢轴
- S1连续工作制
- F级绝缘
- 高性能、高效率

CUSTOMER BENEFITS

- Water dust and vermin resistant
- Quiet operation
- Electricity saving
- Easy installation
- Corrosion resistant
- Safety and reliable
- Superior life
- Reliable in country, city or factory environments

产品优势

- 防水、防尘、防害
- 低噪音
- 节能
- 安装便捷
- 防腐
- 安全可靠
- 使用寿命长
- 适用于乡村、城市、工厂



外形及安装尺寸 OVERALL & INSTALLATION DIMENSIONS

机座号 Frame size	装配尺寸 Mounting Dimensions (mm)															外型尺寸 Overall Dimensions (mm)					
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	AC	AD	HD	HF	L
80	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	165	175	145	220	185	295
90S	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	195	155	250	195	320
90L	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	195	155	250	195	345
100L	160	140	63	28	60	8	24	100	12	215	180	250	0	15	4	205	215	180	270	245	385
112M	190	140	70	28	60	8	24	112	12	215	180	250	0	15	4	230	240	190	300	265	400
132S	216	140	89	38	80	10	33	132	12	265	230	300	0	15	4	270	275	210	345	315	470
132M	216	178	89	38	80	10	33	132	12	265	230	300	0	15	4	270	275	210	345	315	510
160M	254	210	108	42	110	12	37	160	15	300	250	350	0	19	5	320	330	255	420	385	615
160L	254	254	108	42	110	12	37	160	15	300	250	350	0	19	5	320	330	255	420	385	670
180M	279	241	121	48	110	14	42.5	180	15	300	250	350	0	19	5	355	380	280	455	430	700
180L	279	279	121	48	110	14	42.5	180	15	300	250	350	0	19	5	355	380	280	455	430	740
200L	318	305	133	55	110	16	49	200	19	350	300	400	0	19	5	395	420	305	505	480	770
225S	356	286	149	60	140	18	53	225	19	400	350	450	0	19	5	435	470	335	560	535	815
225M-2	356	311	149	55	110	16	49	225	19	400	350	450	0	19	5	435	470	335	560	535	820
225M-4, 6	356	311	149	60	140	18	53	225	19	400	350	450	0	19	5	435	470	335	560	535	845
250M-2	406	349	168	60	140	18	53	250	24	500	450	550	0	19	5	490	510	370	615	595	910
250M-4, 6	406	349	168	65	140	18	58	250	24	500	450	550	0	19	5	490	510	370	615	595	910
280S-2	457	368	190	65	140	18	58	280	24	500	450	550	0	19	5	550	580	410	680	650	985
280S-4, 6	457	368	190	75	140	20	67.5	280	24	500	450	550	0	19	5	550	580	410	680	650	985
280M-2	457	419	190	65	140	18	58	280	24	500	450	550	0	19	5	550	580	410	680	650	1035
280M-4, 6	457	419	190	75	140	20	67.5	280	24	500	450	550	0	19	5	550	580	410	680	650	1035
315S-2	508	406	216	65	140	18	58	315	28	600	550	660	0	24	6	635	645	530	845	900	1160
315S-4, 6	508	406	216	80	170	22	71	315	28	600	550	660	0	24	6	635	645	530	845	900	1270
315M-2	508	457	216	65	140	18	58	315	28	600	550	660	0	24	6	635	645	530	845	900	1190
315M-4, 6	508	457	216	80	170	22	71	315	28	600	550	660	0	24	6	635	645	530	845	900	1300
315L-2	508	508	216	65	140	18	58	315	28	600	550	660	0	24	6	635	645	530	845	900	1190
315L-4, 6	508	508	216	80	170	22	71	315	28	600	550	660	0	24	6	635	645	530	845	900	1300

技术数据 TECHNICAL DATA AT 50Hz

型号 Model	功率 Power		电压 Voltage (V)	电流 Current (A)	转速 Speed (r.p.m)	效率 Eff (%)	功率因数 Power factor	堵转转矩 额定转矩 Tst/Tn(Times)	最大转矩 额定转矩 Tmax/Tn(Times)	堵转电流 额定电流 Ist/In(Times)	净重 N.W.(kg)
	KW	HP									
Y2-801-2	0.75	1	220/380	1.8/1.04	2825	75	0.83	2.2	2.3	6.1	16
Y2-802-2	1.1	1.5	220/380	2.58/1.5	2825	77	0.84	2.2	2.3	7.0	17
Y2-90S-2	1.5	2	220/380	3.4/1.96	2840	79	0.84	2.2	2.3	7.0	22
Y2-90L-2	2.2	3	220/380	4.85/2.8	2840	81	0.85	2.2	2.3	7.0	25
Y2-100L-2	3	4	220/380	6.3/3.6	2880	83	0.87	2.2	2.3	7.5	33
Y2-112M-2	4	5.5	380/660	8.13/4.7	2890	85	0.88	2.2	2.3	7.5	45
Y2-132S1-2	5.5	7.5	380/660	11/6.35	2900	86	0.88	2.2	2.3	7.5	64
Y2-132S2-2	7.5	10	380/660	14.9/8.6	2900	87	0.88	2.2	2.3	7.5	70
Y2-160M1-2	11	15	380/660	21.3/12.3	2930	88	0.89	2.2	2.3	7.5	117
Y2-160M2-2	15	20	380/660	28.8/16.6	2930	89	0.89	2.2	2.3	7.5	125
Y2-160L-2	18.5	25	380/660	34.7/20	2930	90	0.90	2.2	2.3	7.5	147
Y2-180M-2	22	30	380/660	41/23.7	2940	90.5	0.90	2.0	2.3	7.5	180
Y2-200L1-2	30	40	380/660	55.5/32	2950	91.2	0.90	2.0	2.3	7.5	240
Y2-200L2-2	37	50	380/660	68/39.2	2950	92	0.90	2.0	2.3	7.5	255
Y2-225M-2	45	60	380/660	81/46.8	2950	92.3	0.90	2.0	2.3	7.5	309
Y2-250M-2	55	75	380/660	99.6/57.5	2950	92.5	0.90	2.0	2.3	7.5	403
Y2-280S-2	75	100	380/660	133.3/76.9	2950	93	0.90	2.0	2.3	7.5	544
Y2-280M-2	90	120	380/660	158.2/91.34	2950	93.8	0.91	2.0	2.3	7.5	620
Y2-315S-2	110	150	380/660	195.1/112.64	2950	94	0.91	1.8	2.2	7.1	980
Y2-315M-2	132	176	380/660	231.6/133.7	2950	94.5	0.91	1.8	2.2	7.1	1080
Y2-315L1-2	160	213	380/660	280/161.4	2950	94.6	0.92	1.8	2.2	7.1	1160
Y2-315L2-2	200	267	380/660	347.7/200.8	2950	94.8	0.92	1.8	2.2	7.1	1190
Y2-801-4	0.55	0.75	220/380	1.57/0.91	1390	71	0.75	2.1	2.3	5.2	17
Y2-802-4	0.75	1	220/380	2.03/1.17	1390	73	0.76	2.3	2.3	6.0	18
Y2-90S-4	1.1	1.5	220/380	2.9/1.68	1400	75	0.77	2.3	2.3	6.0	22
Y2-90L-4	1.5	2	220/380	3.7/2.14	1400	78	0.79	2.3	2.3	6.0	27
Y2-100L1-4	2.2	3	220/380	5.16/2.98	1420	80	0.81	2.3	2.3	7.0	34
Y2-100L2-4	3	4	220/380	6.78/3.91	1420	82	0.82	2.3	2.3	7.0	38
Y2-112M-4	4	5.5	380/660	8.82/5.1	1440	84	0.82	2.3	2.3	7.0	43
Y2-132S-4	5.5	7.5	380/660	11.7/6.76	1440	85	0.83	2.3	2.3	7.0	68
Y2-132M-4	7.5	10	380/660	15.6/9	1440	87	0.84	2.3	2.3	7.0	81
Y2-160M-4	11	15	380/660	22.3/12.9	1460	88	0.84	2.2	2.3	7.0	123
Y2-160L-4	15	20	380/660	30/17.4	1460	89	0.85	2.2	2.3	7.5	144
Y2-180M-4	18.5	25	380/660	36.5/21.1	1470	90.5	0.85	2.2	2.3	7.5	182
Y2-180L-4	22	30	380/660	43.3/24.9	1470	91	0.86	2.2	2.3	7.5	190
Y2-200L-4	30	40	380/660	57.6/33.26	1480	92	0.86	2.2	2.3	7.2	270
Y2-225S-4	37	50	380/660	70/40.4	1480	92.5	0.87	2.2	2.3	7.2	284
Y2-225M-4	45	60	380/660	84/48.5	1480	92.8	0.87	2.2	2.3	7.2	320
Y2-250M-4	55	75	380/660	102.9/59.4	1480	93	0.87	2.2	2.3	7.2	427
Y2-280S-4	75	100	380/660	138/79.7	1480	93.8	0.87	2.2	2.3	7.2	562
Y2-280M-4	90	120	380/660	165.6/95.6	1480	94.2	0.87	2.2	2.3	7.2	667
Y2-315S-4	110	150	380/660	200.5/115.6	1480	94.5	0.88	2.1	2.2	6.9	1000
Y2-315M-4	132	176	380/660	239/138	1480	94.8	0.88	2.1	2.2	6.9	1100
Y2-315L1-4	160	213	380/660	288/166.3	1480	94.9	0.89	2.1	2.2	6.9	1160
Y2-315L2-4	200	267	380/660	358.9/207.2	1480	95	0.89	2.1	2.2	6.9	1270

技术数据 TECHNICAL DATA AT 50Hz

型号 Model	功率 Power		电压 Voltage (V)	电流 Current (A)	转速 Speed (r.p.m)	效率 Eff (%)	功率因数 Power factor	堵转转矩 额定转矩 Tst/Tn(Times)	最大转矩 额定转矩 Tmax/Tn(Times)	堵转电流 额定电流 Ist/In(Times)	净重 N.W.(kg)
	KW	HP									
Y2-90S-6	0.75	1	220/380	2.3/1.33	910	69	0.72	2.0	2.1	5.5	23
Y2-90L-6	1.1	1.5	220/380	3.2/1.85	910	72	0.73	2.0	2.1	5.5	25
Y2-100L-6	1.5	2	220/380	3.9/2.25	940	76	0.75	2.0	2.1	5.5	33
Y2-112M-6	2.2	3	220/380	5.6/3.23	940	79	0.76	2.1	2.1	6.5	45
Y2-132S-6	3	4	220/380	7.4/4.27	960	81	0.76	2.1	2.1	6.5	63
Y2-132M1-6	4	5.5	380/660	9.7/5.6	960	82	0.76	2.1	2.1	6.5	73
Y2-132M2-6	5.5	7.5	380/660	12.9/7.45	960	84	0.77	2.1	2.1	6.5	84
Y2-160M-6	7.5	10	380/660	17/9.82	970	86	0.78	2.0	2.1	6.5	119
Y2-160L-6	11	15	380/660	24.2/13.97	970	87.5	0.78	2.0	2.1	6.5	147
Y2-180L-6	15	20	380/660	31.6/18.24	970	89	0.81	2.0	2.1	7.0	195
Y2-200L1-6	18.5	25	380/660	38.6/22.3	970	90	0.81	2.1	2.1	7.0	220
Y2-200L2-6	22	30	380/660	44.7/25.8	970	90	0.83	2.1	2.1	7.0	250
Y2-225M-6	30	40	380/660	58.4/33.72	970	91.5	0.84	2.0	2.1	7.0	292
Y2-250M-6	37	50	380/660	70.4/40.65	970	92	0.86	2.1	2.1	7.0	408
Y2-280S-6	45	60	380/660	85.4/49.3	970	92.5	0.86	2.1	2.0	7.0	536
Y2-280M-6	55	75	380/660	103.3/59.65	970	92.8	0.86	2.1	2.0	7.0	595
Y2-315S-6	75	100	380/660	140/80.9	970	93.5	0.86	2.0	2.0	7.0	990
Y2-315M-6	90	120	380/660	167/96.42	970	93.8	0.86	2.0	2.0	7.0	1080
Y2-315L1-6	110	150	380/660	202.3/116.8	970	94	0.86	2.0	2.0	6.7	1150
Y2-315L2-6	132	176	380/660	242.5/140	970	94.2	0.87	2.0	2.0	6.7	1210
Y2-132S-8	2.2	3	220/380	6/3.46	710	78.0	0.71	1.8	2.0	6.0	63
Y2-132M-8	3.0	4	220/380	7.9/4.56	710	79.0	0.73	1.8	2.0	6.0	79
Y2-160M1-8	4.0	5.5	380/660	10.3/5.95	720	81.0	0.73	1.9	2.0	6.0	118
Y2-160M2-8	5.5	7.5	380/660	13.6/7.85	720	83.0	0.74	2.0	2.0	6.0	119
Y2-160L-8	7.5	10	380/660	17.8/10.28	720	85.5	0.75	2.0	2.0	6.0	145
Y2-180L-8	11	15	380/660	25.1/14.5	730	87.5	0.76	2.0	2.0	6.6	184
Y2-200L-8	15	20	380/660	34.1/19.7	730	88.0	0.76	2.0	2.0	6.6	250
Y2-225S-8	18.5	25	380/660	40.6/23.44	730	90.0	0.76	1.9	2.0	6.6	266
Y2-225M-8	22	30	380/660	47.5/23.8	740	90.5	0.78	1.9	2.0	6.6	292
Y2-250M-8	30	40	380/660	64/36.95	740	91.0	0.79	1.9	2.0	6.6	405
Y2-280S-8	37	50	380/660	78/45	740	91.5	0.79	1.9	2.0	6.6	520
Y2-280M-8	45	60	380/660	94/54.3	740	92.0	0.79	1.9	2.0	6.6	592
Y2-315S-8	55	75	380/660	111/64.1	740	92.8	0.81	1.8	2.0	6.6	1000
Y2-315M-8	75	100	380/660	151/87.2	740	93.0	0.81	1.8	2.0	6.6	1100
Y2-315L1-8	90	125	380/660	178/102.8	740	93.8	0.82	1.8	2.0	6.6	1160
Y2-315L2-8	110	150	380/660	217/125.3	740	94.0	0.82	1.8	2.0	6.4	1230

Note: 230/400V/50Hz 240/415V/50Hz, 400/690V/50Hz, 420V/50Hz 380/440V/50/60Hz ets. Models are available on request
 备注：可以按要求生产230/400V/50Hz 240/415V/50Hz, 400/690V/50Hz, 420V/50Hz 380/440V/50/60Hz 等电压频率

YC/YCL HEAVY-DUTY SINGLE-PHASE CAPACITOR START INDUCTION MOTOR WITH CAST IRON HOUSING

系列大马力单相电容启动异步电动机、大马力单相电容启动运转异步电动机



YC Series single-phase capacitor start asynchronous motors, with latest design in entirety. It's made of superior materials and meet the relative rules of IEC standard. YC motors have good performance, safe and reliable operation, nice appearance, and can be maintained very conveniently, while with low noise, little vibration, simple construction. This series motors can be used on air compressor, pumps, refrigeration, medical apparatus and instruments, and many other machines that need full-load start.

YC系列单相电容启动异步电动机采用最新式整体设计，用料精良，符合IEC标准。YC电机性能优良，安全、美观，操作方便、低噪音、低振动，安装简易。适用于空压机、水泵、冰箱、医疗器械以及其他需要满载启动的机械。

OPERATING CONDITIONS

Ambient temperature: $-15^{\circ}\text{C} \leq \leq 40^{\circ}\text{C}$
Above sea level: not exceed 1000m
Rated voltage: $\pm 5\%$

使用条件：

环境温度： $-15^{\circ}\text{C} \leq \leq 40^{\circ}\text{C}$
海拔高度：不超过 1000m
额定电压： $\pm 5\%$

MOTOR FEATURES

- Utilise IP44 enclosures, IP54 on request
- Fixed feet
- Superior paint finish
- Motors made to heavy duty service factors
- Can be made with stainless steel shaft
- Motors made for continuous S1 duty
- Utilise Vacuum impregnated Class F insulation
- High performance and efficiency

产品特点

- IP44 (IP54)
- 固定脚
- 外形美观
- 适应于高负载工作
- 可供不锈钢轴
- S1连续工作制
- F级绝缘
- 高性能、高效率

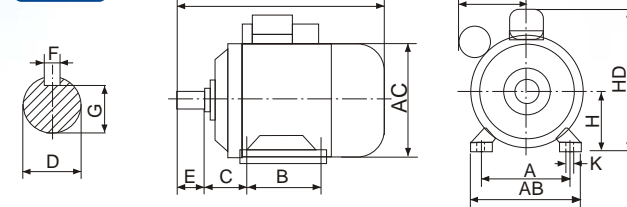
CUSTOMER BENEFITS

- Water dust and vermin resistant
- Quiet operation
- Electricity saving
- Easy intallation
- Corrosion resistant
- Safety and reliable
- Superior life
- Reliable in country, city or factory environments

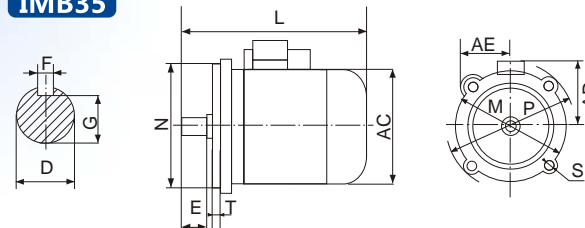
产品优势

- 防水、防尘、防害
- 低噪音
- 节能
- 安装便捷
- 防腐
- 安全可靠
- 使用寿命长
- 适用于乡村、城市、工厂

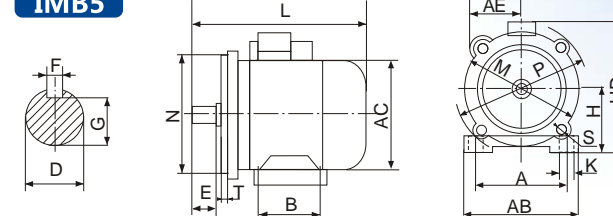
IMB3



IMB35



IMB5



外形及安装尺寸 OVERALL & INSTALLATION DIMENSIONS

机座号 Frame size	装配尺寸 Mounting Dimensions (mm)															外型尺寸 Overall Dimensions (mm)					
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	AC	AD	AE	HD	L
80	125	100	50	19	40	6	15.5	80	10	165	130	200	0	12	3.5	160	165	120	110	200	310
90S	140	100	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	185	140	120	240	355
90L	140	125	56	24	50	8	20	90	10	165	130	200	0	12	3.5	180	185	140	120	240	385
100L	160	140	63	28	60	8	24	100	12	215	180	250	0	15	4.0	205	220	145	130	260	415
112M	190	140	70	28	60	8	24	112	12	215	180	250	0	15	4.0	245	250	160	140	200	440
132S	216	140	89	38	80	10	33	132	12	265	230	300	0	15	4.0	280	262	210	150	350	470

技术数据 TECHNICAL DATA AT 50Hz

型号 Model	功率 Power		电压 Voltage (V)	电流 Current (A)	转速 Speed (r.p.m)	效率 Eff (%)	功率因数 Power factor	堵转转矩 额定转矩 Tst/Tn(Times)	最大转矩 额定转矩 Tmax/Tn(Times)	堵转电流 额定电流 Ist/In(Times)	净重 N.W.(kg)
	KW	HP									
YC80A-2	0.37	1/2	220	3.5	2880	65	0.73	2.8	1.8	6.5	10
YC80B-2	0.55	3/4	220	5.1	2880	68	0.73	2.8	1.8	6.5	11
YC80C-2	0.75	1	220	6.4	2880	70	0.75	2.4	1.8	6.5	13
YC90S-2	1.1	1.5	220	8.7	2880	72	0.77	2.4	1.8	7.0	17
YC90L-2	1.5	2	220	11.6	2900	74	0.78	2.4	1.8	7.0	22
YC100-2	2.2	3	220	16.4	2900	75	0.79	2.1	1.8	7.0	29
YC80A-4	0.25	1/3	220	3.3	1450	58	0.60	2.8	1.8	6.0	10
YC80B-4	0.37	1/2	220	4.3	1450	62	0.62	2.8	1.8	6.0	11
YC80C-4	0.55	3/4	220	5.7	1450	66	0.65	2.8	1.8	6.0	13
YC90S-4	0.75	1	220	7.4	1450	68	0.66	2.4	1.8	6.5	17
YC90L-4	1.1	1.5	220	10	1450	71	0.68	2.4	1.8	6.5	22
YC100L-4	1.5	2	220	12.9	1450	73	0.70	2.4	1.8	6.5	29
YC112M-4	2.2	3	220	18.5	1450	74	0.72	2.2	1.8	6.5	40
YC132SA-4	3	4	220	24.1	1450	75	0.73	2.1	1.8	6.5	55
YC132SB-4	3.7	5	220	28.7	1450	76	0.74	2.1	1.8	6.5	60
YCL90S-2	1.1	1.5	220	6.9	2880	73.2	0.95	2.8	1.8	6.0	16
YCL90L-2	1.5	2	220	8.5	2900	76.0	0.97	2.8	1.8	7.0	22
YCL100L-2	2.2	3	220	12.6	2900	78.8	0.96	3.0	1.8	6.5	29
YCL90S-4	0.75	1	220	5.3	1450	73.3	0.93	2.8	1.8	6.5	13
YCL90L-4	1.1	1.5	220	7.5	1450	75.0	0.90	2.5	1.8	6.0	16
YCL100L-4	1.5	2	220	8.9	1450	79.4	0.92	2.8	1.8	7.0	24
YCL112M-4	2.2	3	220	12	1450	81.6	0.90	2.3	1.8	6.5	37
YCL132S1-4	4	3	220	18.2	1450	83.2	0.9	2.3	1.8	6.5	53
YCL132S2-4	5.5	4	220	22	1450	84.9	0.9	2.3	1.8	6.5	57
YCL132M1-4	7.5	5.5	220	32.5	1460	85	0.9	2.2	1.8	6.5	60
YCL132M2-4	10	7.5	220	40	1460	85.5	0.9	2.2	1.8	6.5	63

Note: 230V/50Hz, 240V/50Hz, 110V/60Hz, 115V/60Hz, 127V/60Hz ets. Models are available on request
备注：可以按要求生产230V/50Hz, 240V/50Hz, 110V/60Hz, 115V/60Hz, 127V/60Hz等电压频率

AEEF

系列三相异步电动机
SERIES THREE PHASE INDUCTION MOTORS
WITH CAST IRON HOUSING



AEEF Series three-phase asynchronous motor is newly developed by employing up-to-date techniques with individual fully enclosed fan. The appearance is novel and interior structure is unique. It is large in overload capacity, small in temperature rise, low in noise and high in efficiency. The motor will run smoothly with very low vibration and has good speed performance if it is coupled with frequency converter.

OPERATING CONDITIONS

Ambient temperature: $-15^{\circ}\text{C} \leq \leq 40^{\circ}\text{C}$
Above sea level: not exceed 1000m
Rated voltage: $\pm 5\%$

AEEF 系列三相异步电动机是引进国外先进技术,采用全封闭独立风扇设计,外观新颖,内部结构特殊,具有过载能力强,温升低,噪声小,效率高等特点,配上变频器使用,从低速到高速均能保持良好性能,超低振动,运转顺畅。

使用条件:

环境温度: $-15^{\circ}\text{C} \leq \leq 40^{\circ}\text{C}$
海拔高度: 不超过 1000m
额定电压: $\pm 5\%$

MOTOR FEATURES

- Utilise IP44 enclosures, IP54 on request
- Fixed feet
- Superior paint finish
- Motors made to heavy duty service factors
- Can be made with stainless steel shaft
- Motors made for continuous S1 duty
- Utilise Vacuum impregnated Class F insulation
- High performance and efficiency

产品特点

- IP44 (IP54)
- 固定脚
- 外形美观
- 适应于高负载工作
- 可供不锈钢轴
- S1连续工作制
- F级绝缘
- 高性能、高效率

CUSTOMER BENEFITS

- Water dust and vermin resistant
- Quiet operation
- Electricity saving
- Easy intallation
- Corrosion resistant
- Safety and reliable
- Superior life
- Reliable in country, city or factory environments

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- 防水、防尘、防害
- 低噪音
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- 防腐
- 安全可靠
- 使用寿命长
- 适用于乡村、城市、工厂

技术数据 TECHNICAL DATA AT 50Hz

型号 Model	功率 Power		满负荷 Full Load						堵转转矩 额定转矩 Tst/Tn(Times)	起动电流 额定电流 Ist/In(Times)	净重 Net Weight (B3) kg
	KW	HP	电压 Voltage (V)	电流 Current (A)	转速 Speed (r.p.m)	转矩 Torque Kg-M	效率 Eff (%)	功率因数 Power factor (cos φ)			
AEEF63				0.66	2740	0.07	56.0	0.77	2.2	5.5	13
AEEF63	0.18	1/4	380	0.67	1345	0.13	60.5	0.70	2.1	4.4	14
AEEF71				0.79	910	0.20	60.0	0.60	1.9	4.0	10
AEEF71	0.37	1/2	380	0.89	2785	0.13	75.0	0.85	2.2	5.5	14
AEEF71				1.24	1370	0.26	65.5	0.70	2.1	5.2	15
AEEF80				1.34	925	0.39	63.0	0.67	1.9	4.7	17
AEEF80	0.75	1	380	1.70	2800	0.26	76.5	0.87	2.2	6.1	16
AEEF80				2.13	1400	0.52	72.0	0.74	2.3	6.0	17
AEEF90L				2.28	930	0.78	71.0	0.70	2.0	5.5	25
AEEF90L	1.5	2	380	3.22	2820	0.51	80.0	0.88	2.2	7.0	25
AEEF90L				3.82	14000	1.04	75.5	0.78	2.3	6.0	27
AEEF100L				4.20	935	1.55	75.5	0.71	2.0	5.5	33
AEEF90L	2.2	3	380	4.60	2850	0.76	83.5	0.88	2.2	7.0	26
AEEF100L				5.18	1430	1.52	80.0	0.82	2.3	7.0	34
AEEF112M				5.73	950	2.29	78.0	0.76	2.0	6.5	45
AEEF112M	3.7	5	380/660	7.36	2875	1.26	85.5	0.90	2.2	7.5	45
AEEF112M				8.03	1400	2.52	84.5	0.84	2.3	7.0	43
AEEF132S				9.32	960	3.78	80.5	0.76	2.1	6.5	63
AEEF132S	5.5	7.5	380/660	11.1	2900	1.88	86.5	0.89	2.2	7.5	64
AEEF132S				12.0	1450	3.75	80.0	0.83	2.3	7.0	68
AEEF132M				13.0	960	5.67	84.5	0.78	2.1	6.5	73
AEEF132S	7.5	10	380/660	14.5	2900	2.50	88.5	0.89	2.2	7.5	70
AEEF132M				15.2	1450	5.00	87.5	0.86	2.3	7.0	81
AEEF160M				16.6	970	7.48	88.5	0.80	2.0	6.5	119
AEEF160M	11	15	380/660	21.3	2930	3.72	88.5	0.90	2.2	7.5	117
AEEF160M				21.6	1460	7.46	87.5	0.88	2.2	7.5	123
AEEF160L				22.9	970	11.20	88.5	0.84	2.0	7.0	147
AEEF160M	15	20	380/660	27.7	2930	4.95	90.0	0.91	2.2	7.5	125
AEEF160L				28.3	1460	9.94	90.5	0.89	2.2	7.5	144
AEEF180M				30.9	970	15.00	89.0	0.83	2.0	7.0	185
AEEF160L	18.5	25	380/660	35.2	2915	6.23	90.0	0.90	2.2	7.5	147
AEEF180M				36.0	1460	12.4	91.0	0.87	2.2	7.5	182
AEEF180L				38.2	970	18.70	90.0	0.83	2.1	7.0	195
AEEF180M	22	30	380/660	41.3	2950	7.38	91.5	0.90	2.0	7.5	180
AEEF180M				43.9	1455	15.00	90.5	0.85	2.2	7.5	196
AEEF180L				46.3	970	22.40	89.5	0.82	2.1	7.0	203
AEEF180L	30	40	380/660	54.2	2935	9.89	92.0	0.91	2.0	7.5	188
AEEF180L				58.6	1460	20.00	91.0	0.85	2.2	7.2	196

Note: 230/400V/50Hz 240/415V/50Hz, 400/690V/50Hz, 420V/50Hz 380/440V/50/60Hz etc. Models are available on request
备注: 可以按要求生产230/400V/50Hz 240/415V/50Hz, 400/690V/50Hz, 420V/50Hz 380/440V/50/60Hz等电压频率

Fig. 1

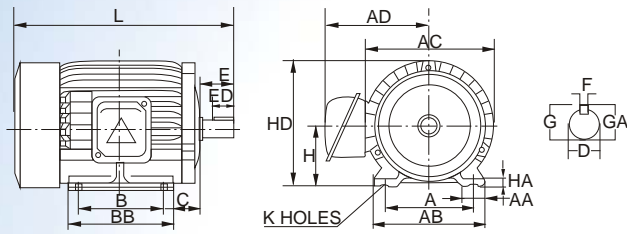


Fig. 3

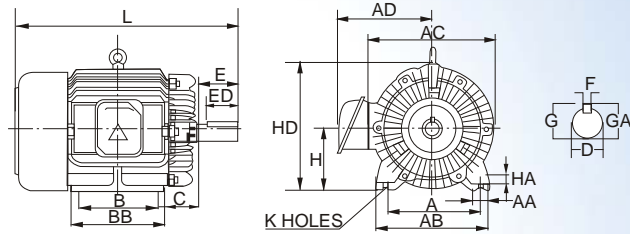


Fig. 2

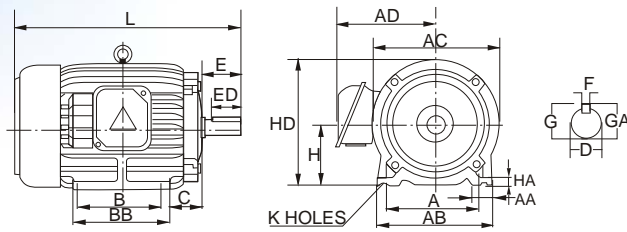
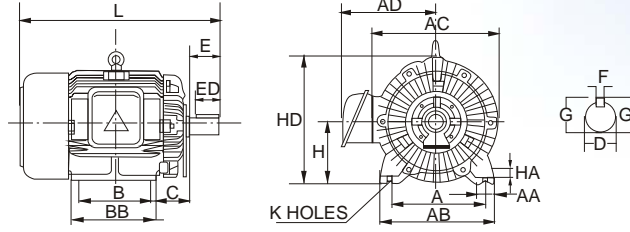


Fig. 4

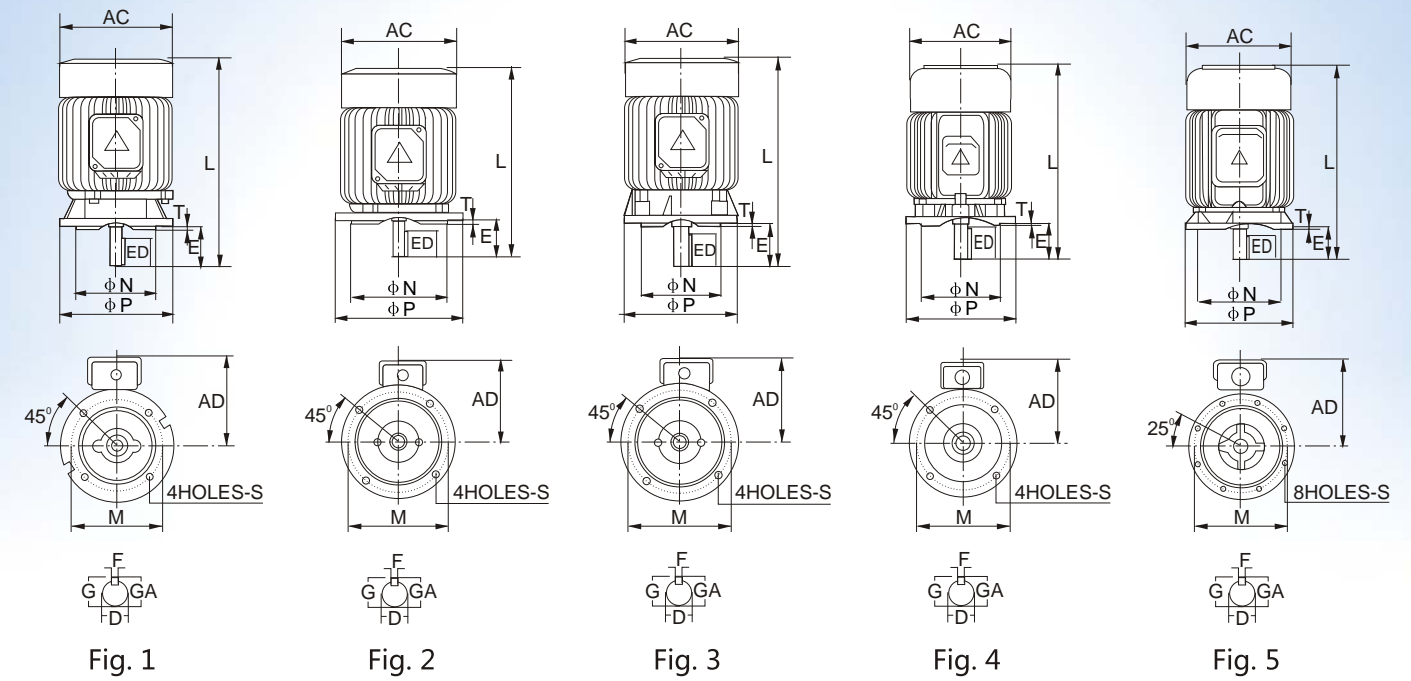


外形及安装尺寸 OVERALL & INSTALLATION DIMENSIONS

Frame Size	Output(HP)			Fig. No.	A	AA	AB	AC	AD	B	BB	C	D	E	ED	F	G	GA	H	HA	HD	K	L
	2P	4P	6P																				
63	0.25	0.25	-	1	100	28.0	120	144	134	80	100	40	11	23	10	4	8.5	12.5	63	8.0	135	7	209
71	0.5	0.5	0.25	1	112	35.5	140	160	142	90	115	45	14	30	14	5	11.0	16.0	71	8.0	151	7	239
80	1	1	0.5	1	125	35.5	155	175	163	100	130	50	19	40	25	6	15.5	21.0	80	9.0	168	10	272
90L	2 3	2	1	1	140	35.5	170	194	173	125	150	56	24	50	32	8	20.0	27.0	90	10.0	187	10	322
100L	-	3	2	2	160	45.0	195	210	187	140	175	63	28	60	40	8	24.0	31.0	100	12.5	243	12	363
112M	5	5	3	2	190	45.0	224	230	205	140	175	70	28	60	40	8	24.0	31.0	112	14.0	265	12	382
132S	7.5 10	7.5	5	2	216	45.0	250	266	223	140	175	89	38	80	56	10	33.0	41.0	132	16.0	310	12	446
132M	-	10	7.5	2	216	45.0	250	266	223	178	212	89	38	80	56	10	33.0	41.0	132	16.0	310	12	484
160M	15 20	15	10	3	254	50.0	300	324	265	210	250	108	42	110	80	12	37.0	45.0	160	18.0	377	15	604
160L	25	20	15	3	254	50.0	300	324	265	254	300	108	42	110	80	12	37.0	45.0	160	18.0	377	15	648
180M	30	-	-	4	279	75.0	355	360	301	241	297	121	48	110	80	14	42.5	51.5	180	20.0	421	15	687
180M	-	25 30	20	3	279	75.0	355	360	301	241	297	121	48	110	80	14	42.5	51.5	180	20.0	421	15	687
180L	40	-	-	4	279	75.0	355	360	301	279	335	121	55	110	80	16	49.0	59.0	180	20.0	421	15	725
180L	-	40	25 30	4	279	75.0	355	360	301	279	335	121	55	110	80	16	49.0	59.0	180	20.0	421	15	725

备注: 1.轴伸端直径D公差: $\phi 11-\phi 28:j6, \phi 38-\phi 48:k6, \phi 55-\phi 65:m6$
2.中心高H公差: +0, -0.5

Note: 1.Tolerance of shaft end diameter D: $\phi 11-\phi 28:j6, \phi 38-\phi 48:k6, \phi 55-\phi 65:m6$
2.Tolerance of shaft center height H: +0, -0.5



外形及安装尺寸 OVERALL & INSTALLATION DIMENSIONS

Frame Size	Output(HP)			Fig. No.	AC	AD	L	M	N	P	S	T	D	Shaft Extension				
	2P	4P	6P											E	ED	F	G	GA
63	0.25	0.25	-	1	144	134	238	130	110	160	10	3.5	11	23	10	4	8.5	12.5
71	0.5	0.5	0.25	1	160	142	266	130	110	160	10	3.5	14	30	14	5	11.0	16.0
80	1	1	0.5	2	175	163	272	165	130	200	12	3.5	19	40	25	6	15.5	21.5
90L	2 3	2	1	1	194	173	361	165	130	200	12	3.5	24	50	32	8	20.0	27.0
100L	-	3	2	2	210	187	363	215	180	250	15	4.0	28	60	40	8	24.0	31.0
112M	5	5	3	3	230	205	422	215	180	250	15	4.0	28	60	40	8	24.0	41.0
132S	7.5 10	7.5	5	2	266	223	446	265	230	300	15	4.0	38	80	56	10	33.0	41.0
132M	-	10	7.5	2	266	223	484	265	230	300	15	4.0	38	80	56	10	33.0	41.0
160M	15 20	15	10	4	324	265	604	300	250	350	19	5.0	42	110	80	12	37.0	45.0
160L	25	20	15	4	324	265	648	300	250	350	19	5.0	42	110	80	12	37.0	45.0
180M	30	-	-	4	360	301	687	350	300	400	19	5.0	48	110	80	14	42.5	51.5
180M	-	25 30	20	4	360	301	687	350	300	400	19	5.0	48	110	80	14	42.5	51.5
180L	40	-	-	5	360	301	725	350	300	400	19	5.0	55	110	80	16	49.0	59.0
180L	-	40	25 30	5	360	301	725	350	300	400	19	5.0	55	110	80	16	49.0	59.0

备注: 1.轴伸端直径 D公差: $\phi 11-\phi 28:j6, \phi 38-\phi 48:k6, \phi 55-\phi 65:m6$
2.中心高H公差: +0, -0.5

Note: 1.Tolerance of shaft end diameter D: $\phi 11-\phi 28:j6, \phi 38-\phi 48:k6, \phi 55-\phi 65:m6$
2.Tolerance of shaft center height H: +0, -0.5

FILTER PUMPS FOR SWIMMING POOL

泳池过滤泵系列

SPECIAL FEATURES

- Large strainer baskets, which will be fixed firmly and won't float or move round.
- Open or close the strainer cover easily.
- Clear full-view strainer cover let you see whether the basket needs cleaning.
- It provides double insulation for pool water with extra safety
- Built-in thermal overload protector protects the motor against damage from overheating.

特点

- 采用较大过滤篮，牢固固定，在水中不上浮、不转动。
- 过滤篮盖易打开，便于清理。
- 透过过滤篮透明盖，可以清楚知道过滤网中是否需要清理。
- 特殊的设计密封系统使所有的金属部件不与水接触。采用双重绝缘使用更加安全。

FEATURE AND APPLICATION

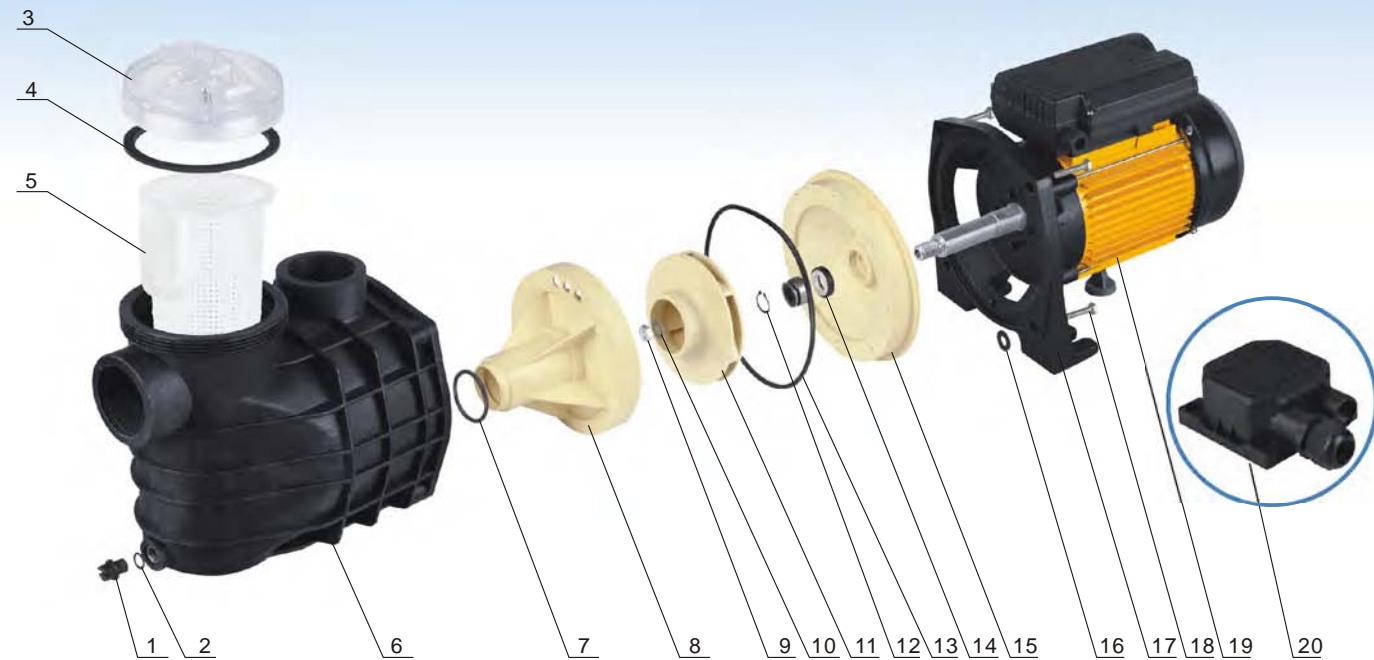
Filter pumps are self-priming centrifugal pump with a filter behind its entrance, particularly designed to be suitable for filtering swimming pool water. Its filter is clearable. Usually filter pumps are used in a filter system for swimming pool to remove dirt from the pool water and keep the water in a good quality. This system has an advantage in the unnecessary to change the pool water often instead of clean the filter in the pump change the sand in the tank. With this system, you will eliminate the inconvenience to change the water often. It can be also used for the circulation system of Sauna or other occasion needed water to be filtered clear.

The filter pumps have a compact size, extremely reliable, very simple to use and almost maintenance-free. This system should be kept in a covered area, protected against the weather.

特性及应用

游泳池过滤泵在离心泵进水口前安装了一个过滤器，专门为游泳池水的清洁过滤而设计。其过滤器是可清洗的。通常是作为游泳池过滤系统上水输送及水压力形成的一个关键部件。经过滤系统（含泵、砂缸、及管路等）过滤后的池水重新放回游泳池，从而保证池水的卫生。可以避免经常换水而带来的不便，减少人力物力的消耗。游泳池过滤电泵也可以作为桑拿浴池的水循环用或其它类似的需水过滤的场合使用。

游泳池过滤电泵结构紧凑合理，性能可靠，十分容易使用及维护。为了长期使用、减少故障，电泵应安装在遮蔽的场合，避免日晒雨淋。



图表 DIAGRAM

No.	名称 DESCRIPTION	No.	名称 DESCRIPTION	No.	名称 DESCRIPTION
1	放水气钉 (Drain Plug)	8	导流盘 (Diffuser)	15	八角盘 (M.Seal Holder)
2	O型圈 (O Ring)	9	螺母 (Nut)	16	挡水圈 (Drop Guard)
3	透明盖 (Plastic Cover)	10	弹簧垫片 (Washer)	17	前端盖 (Front Cover)
4	O型圈 (O Ring)	11	叶轮 (Impeller)	18	外六角螺栓 (Screw)
5	过滤篮 (Filter)	12	卡环 (Snap Ring)	19	电机 (Motor)
6	泵体 (Pump Body)	13	O型圈 (O Ring)	20	三相接线盒 (Terminal box)
7	O型圈 (O Ring)	14	密封件 (M.Seal)		

泳池泵分解图 EXPANDED DIAGRAM SWIMMING POOL PUMPS



图表 DIAGRAM

No.	名称 DESCRIPTION	No.	名称 DESCRIPTION	No.	名称 DESCRIPTION	No.	名称 DESCRIPTION
1	锁紧螺母 (Connection Lock)	12	O型圈 (O Ring)	23	转子 (Rotor)	34	防水圈 (Water Guard)
2	管接头 (Connection)	13	密封件 (M.Seal)	24	轴承 (Bearing)	35	螺套 (Cable Guard)
3	O型圈 (O Ring)	14	泵盖 (Pump Cover)	25	十字自攻螺钉 (Screw)	36	橡胶垫片 (Washer)
4	放水气钉 (Drain Plug)	15	外六角螺栓 (Screw)	26	接线盒盖 (Terminal cover)	37	定子线圈 (Coil Stator)
5	O型圈 (O Ring)	16	挡水圈 (Drop Guard)	27	橡胶垫片 (Washer)	38	机壳 (Motor Housing)
6	锁紧螺母 (Connection Lock)	17	螺母 (Nut)	28	运转电容器 (Running Capacitor)	39	波形垫片 (Spring Ring)
7	透明盖 (Plastic Cover)	18	内六角螺栓 (Screw)	29	接线板 (Terminal board)	40	后端盖 (End Cover)
8	O型圈 (O Ring)	19	底脚板 (Foot)	30	十字螺钉 (Screw)	41	风罩 (Fan Cover)
9	过滤篮 (Filter)	20	橡胶垫块 (Supporter)	31	接线盒座 (Terminal base)	42	风罩 (Fan Cover)
10	泵体 (Pump Body)	21	前端盖 (Front Cover)	32	十字自攻螺钉 (Screw)	43	十字螺钉 (Screw)
11	叶轮 (Impeller)	22	轴承 (Bearing)	33	压线板 (Cable Holding)	44	波纹直管 (Connection)

WORKING PRINCIPLE

The most typical impeller showed in Fig 1 and you can see it contains numerous radial blades in its edge which are designed to speed the fluid in the pump's channel one by one. Since many blades help to transfer energy, the pressure increases progressively and the pump gain higher pressure relatively.

MATERIALS

- Pump casing and motor front cover: cast iron.
- Impeller: Brass
- Motor casing: Aluminum alloy
- Shaft: 45# steel or stainless steel on request.
- Mechanical seal: Rotary face: carbon; stationary face: ceramic, silicon carbide can be used on request.

材料

- 泵体及电机前盖：铸铁
- 叶轮：铜
- 电机壳：铝合金
- 轴：45# 钢或按要求选用不锈钢。
- 机械密封件：动环：石墨；静环：陶瓷 + NBR丁晴橡胶，可选用碳化硅或氟橡胶。



图.1 (FIG. 1)

工作原理

图一显示了几种典型的旋涡泵叶轮，可以看到叶轮的边缘有许多放射状的叶片，每个叶片都是用来逐个加速流体在流道中的速度。由于多个叶片参与传递能量，累积形成相应的较高水压。

PERIPHERAL WATER PUMPS
旋涡泵系列

FEATURE AND APPLICATION

Peripheral pump can gain higher pressure by a smaller impeller. So its size is smaller. The construction is simple and easy to maintain. It is suitable for increasing pressure in the pipe, water supply, washing etc. Combined with a pressure switch and a surge tank, it can also be used for Domestic Water System for distributing water.

There is a very small gap between the impeller and pump body, so it is designed to pump clean water or other non-aggressive fluid. Please don't use it to pump sewage or water containing sand and soon.

There is a direct proportion between its pressure and electric input-power. Please don't use it in a too small capacity occasion.

特性及应用

旋涡泵可以由较小的叶轮获得较高的扬程，所以其体积较小，结构简单，维修方便。适用于水管增压，供水，冲洗等。可加装压力开关、缓冲罐等附件形成家用供水系统。

由于叶轮与泵体间的间隔很小，所以旋涡泵主要用来输送清水或其它类似清水的无侵蚀性流体。请不要用旋涡泵来输送污水或含砂或杂质的流体。

旋涡泵的扬程与功率成正比，扬程越高，流量越小、功率越大。故不要用于小流量工况。

MOTOR FEATURES

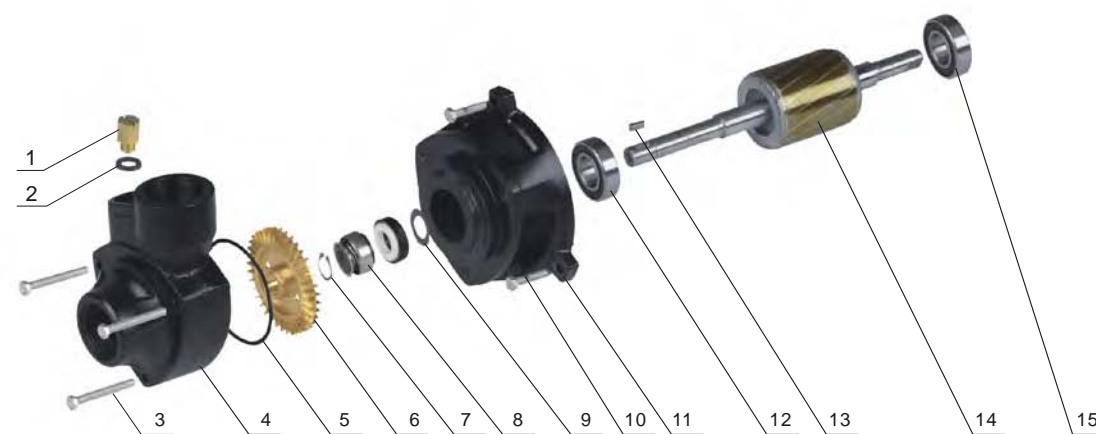
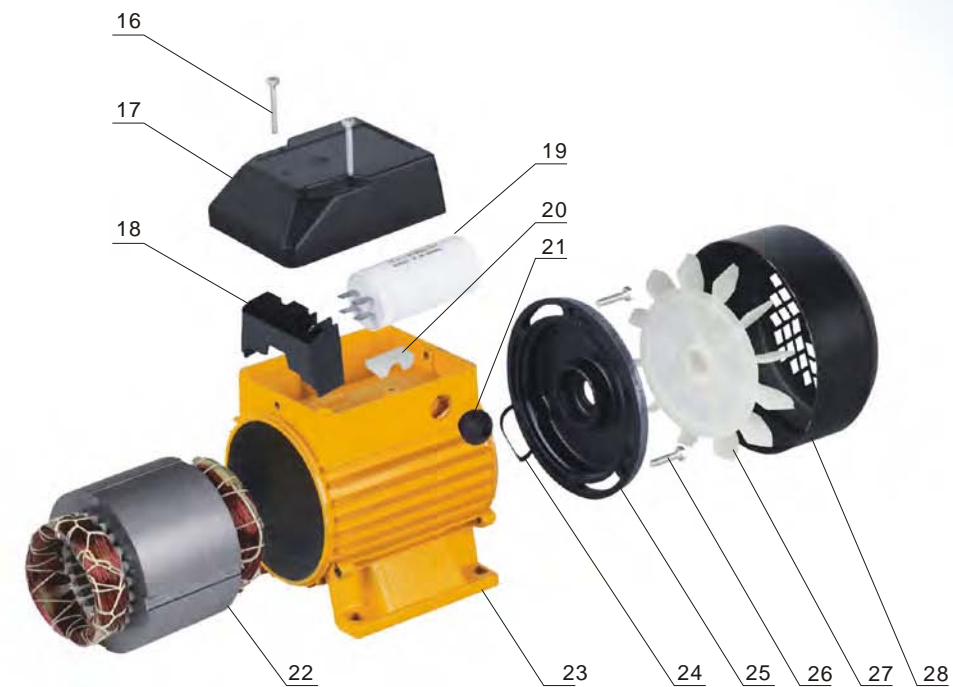
- Pump is coupled with induction motor directly.
- 2 poles motor with copper wire
- Insulation class: F
- Protection degree: IP44, IP 54 optional
- Built-in thermal protector for single phase motor

电机特性

- 电动机与水泵共轴直联
- 2极，铜线电机
- 绝缘等级：F
- 防护等级：IP44，可选做IP54。
- 单相电机：内置热保护器

旋涡泵分解图

EXPANDED DIAGRAM
PERIPHERAL WATER PUMPS



图表DIAGRAM

No.	名称 DESCRIPTION	No.	名称 DESCRIPTION	No.	名称 DESCRIPTION
1	注水气钉 (Filling Plug)	11	前端盖 (Front Cover)	21	出线套 (Cable Sleeve)
2	O型圈 (O Ring)	12	轴承 (Bearing)	22	定子线圈 (Coil Stator)
3	外六角螺栓 (Screw)	13	平键 (Key)	23	机壳 (Motor Housing)
4	泵体 (Pump Body)	14	转子 (Rotor)	24	波形垫片 (Spring Ring)
5	O型圈 (O Ring)	15	轴承 (Bearing)	25	后端盖 (End Cover)
6	叶轮 (Impeller)	16	十字螺钉 (Screw)	26	外六角螺栓 (Screw)
7	卡环 (Snap Ring)	17	接线盒 (Terminal Box)	27	风叶 (Fan)
8	密封件 (M.Seal)	18	接线柱 (Connection Support)	28	风罩 (Fan Cover)
9	挡水圈 (Drop Guard)	19	运转电容器 (Running Capacitor)		
10	外六角螺栓 (Screw)	20	压线板 (Cable Holding)		

QB 系列旋涡泵 SERIES PERIPHERAL PUMPS



QB series electric pumps can be used to transfer clean water or other similar water in physical and chemical properties. It is suitable for small living water supply, automatic water sprinkler system, small air conditioner system or supporting equipment etc.

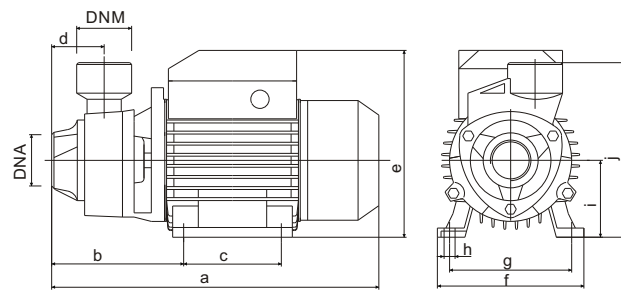
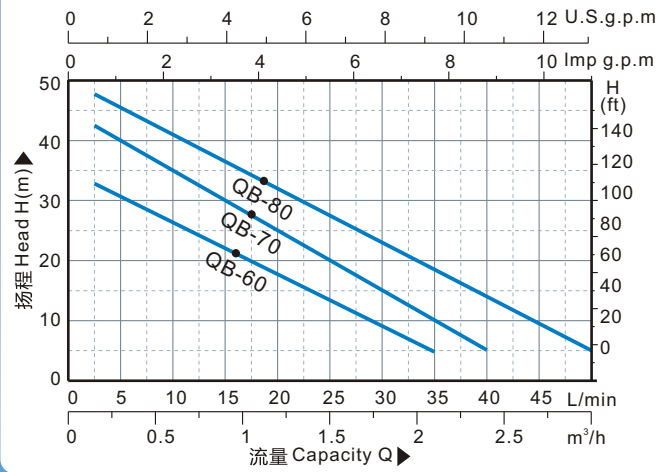
QB 系列电泵主要用于输送清水和其他与水性质类似的液体，适用于家庭生活供水、自动浇灌系统、小型空调系统或配套设施等。

WORKING CONDITIONS

- Max Temperature of Fluid up to +60°C
- Max Pressure 10bar
- Max Ambient Temperature up to 40°C

工作条件：

- 最高流体温度为60°C
- 最大可承受的压力10bar
- 最高环境温度40°C



技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q _{max} (l/min)	最高扬程 H _{max} (m)	最大吸程 S.Head (M)	转速 Speed (r/min)	流量 Capacity(l/min)														
	KW	HP						0	5	10	15	20	25	30	35	40	45					
QB-60	0.37	1/2	1.6	35	35	9	2850	总扬程 Total head(m)	35	30	26	22	18	13	9							
QB-70	0.55	3/4	2.4	40	45	9			45	40	35	30	25	20	15	10						
QB-80	0.75	1	4.6	50	50	9			50	45	41	36	32	27	23	18	14	9				

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz, 380V/50Hzets. Models are available on request
备注: 可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz等电压频率

安装尺寸 DIMENSIONS

型号 TYPE	外形尺寸 Dimensions(mm)													包装尺寸 Packing Size (mm)			毛重 G.W KG	包装数量 Packing QTY. 20'柜(Cont)	
	进口 DNA		出口 DNM		a	b	c	d	e	f	g	h	i	j	L	W			H
	inch	mm	inch	mm															
QB-60	1"	25	1"	25	265	110	80	45	151	118	100	10	63	138	285	150	165	5.3	3400
QB-70	1"	25	1"	25	305	122	90	50	181	136	112	10	71	150	320	180	200	9	2200
QB-80	1.5"	40	1.5"	40	305	122	90	50	181	136	112	10	71	150	330	180	200	9.5	2000

IDB 系列旋涡泵 SERIES PERIPHERAL PUMPS



IDB series electric pumps can be used to transfer clean water or other similar water in physical and chemical properties. It is suitable for small living water supply, automatic water sprinkler system, small air conditioner system or supporting equipment etc.

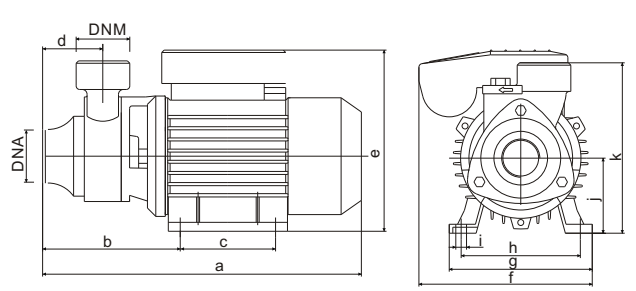
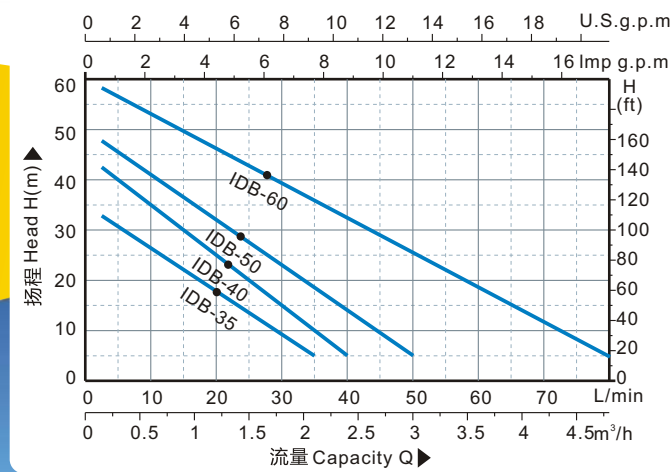
IDB 系列电泵主要用于输送清水和其他与水性质类似的液体，适用于家庭生活供水、自动浇灌系统、小型空调系统或配套设施等。

WORKING CONDITIONS

- Max Temperature of Fluid up to +60°C
- Max Pressure 10bar
- Max Ambient Temperature up to 40°C

工作条件：

- 最高流体温度为60°C
- 最大可承受的压力10bar
- 最高环境温度40°C



技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q _{max} (l/min)	最高扬程 H _{max} (m)	最大吸程 S.Head (M)	转速 Speed (r/min)	流量 Capacity(l/min)														
	KW	HP						0	5	10	15	20	25	30	40	50	60					
IDB-35	0.37	1/2	1.6	35	35	9	2850	总扬程 Total head(m)	35	30	26	22	18	13	9							
IDB-40	0.55	3/4	2.4	40	45	9			45	40	35	30	25	20	15	10						
IDB-50	0.75	1	4.6	50	50	9			50	45	41	36	32	27	23	18	14	9				
IDB-60	1.1	1.5	6.8	80	60	9			60	56	53	50	46	42	39	32	25	19				

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz, 380V/50Hzets. Models are available on request
备注: 可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz等电压频率

安装尺寸 DIMENSIONS

型号 TYPE	外形尺寸 Dimensions(mm)													包装尺寸 Packing Size (mm)			毛重 G.W KG	包装数量 Packing QTY. 20'柜(Cont)		
	进口 DNA		出口 DNM		a	b	c	d	e	f	g	h	i	j	k	L			W	H
	inch	mm	inch	mm																
IDB-35	1"	25	1"	25	262	115	80	50	155	142	118	100	10	63	143	285	150	185	5.3	3400
IDB-40	1"	25	1"	25	305	126	90	55	171	152	134	112	10	71	152	335	180	200	9.2	2200
IDB-50	1.5"	40	1.5"	40	305	126	90	55	171	152	134	112	10	71	152	335	180	200	9.8	2000
IDB-60	1.5"	40	1.5"	40	380	138	100	68	182	180	162	130	10	80	156	425	200	225	21	1000

LQ 系列旋涡泵 SERIES PERIPHERAL PUMPS



LQ series electric pumps can be used to transfer clean water or other similar water in physical and chemical properties. It is suitable for small living water supply, automatic water sprinkler system, small air conditioner system or supporting equipment etc.

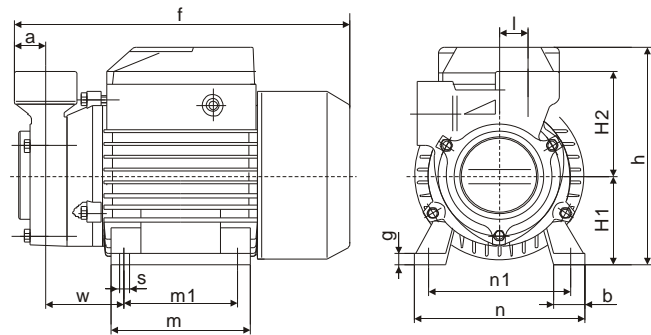
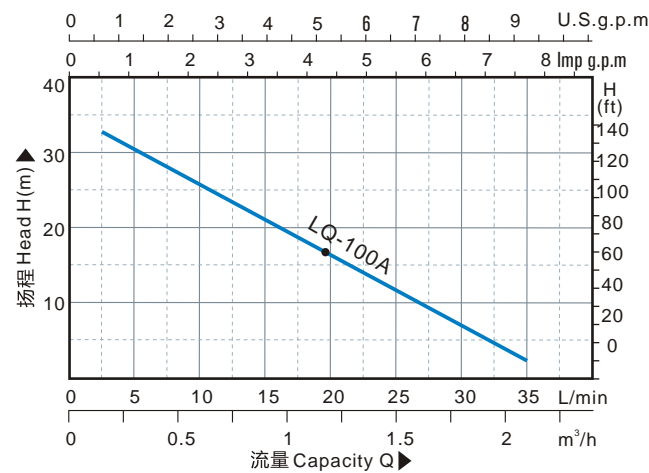
LQ 系列电泵主要用于输送清水和其他与水性质类似的液体，适用于家庭生活供水、自动浇灌系统、小型空调系统或配套设施等。

WORKING CONDITIONS

- Max Temperature of Fluid up to +60°C
- Max Pressure 10bar
- Max Ambient Temperature up to 40°C

工作条件：

- 最高流体温度为60°C
- 最大可承受的压力10bar
- 最高环境温度40°C



技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q _{max} (l/min)	最高扬程 H _{max} (m)	最大吸程 S.Head (M)	转速 Speed (r/min)	流量 Capacity(l/min)								
	KW	HP						0	5	10	15	20	25	30	35	
LQ-100A	0.37	1/2	1.6	35	35	9	2850	总扬程 Total head(m)	35	32	25	21	16	11	6.5	2

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz, 380V/50Hz etc. Models are available on request
备注: 可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz等电压频率

安装尺寸 DIMENSIONS

型号 TYPE	外形尺寸 Dimensions(mm)															包装尺寸 Packing Size (mm)			毛重 G.W KG	包装数量 Packing QTY. 20'柜(Cont)			
	进口 DNA		出口 DN		a	f	h	H1	H2	l	m	m1	n	n1	w	b	g	s			L	W	H
	inch	mm	inch	mm																			
LQ-100A	1"	25	1"	25	22	237	152	63	75	78	98	80	120	100	55	22	8	7	280	160	180	4.8	3400

DB 系列旋涡泵 SERIES PERIPHERAL PUMPS



DB series electric pumps can be used to transfer clean water or other similar water in physical and chemical properties. It is suitable for small living water supply, automatic water sprinkler system, small air conditioner system or supporting equipment etc.

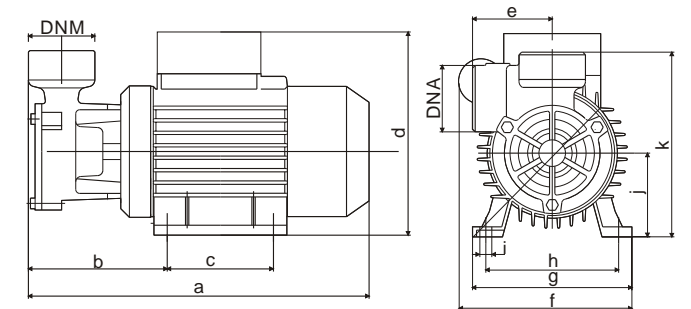
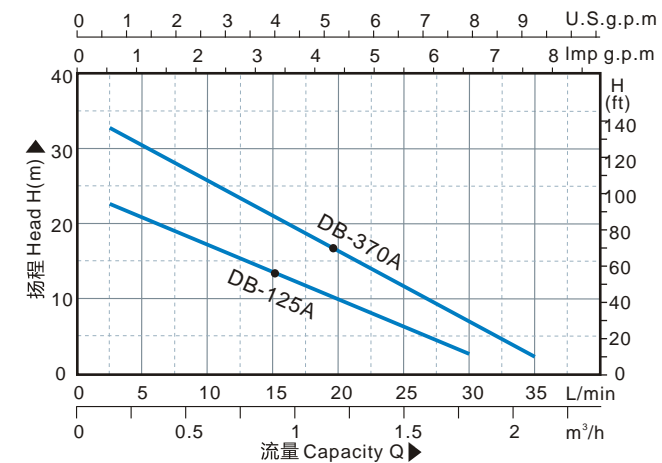
DB 系列电泵主要用于输送清水和其他与水性质类似的液体，适用于家庭生活供水、自动浇灌系统、小型空调系统或配套设施等。

WORKING CONDITIONS

- Max Temperature of Fluid up to +60°C
- Max Pressure 10bar
- Max Ambient Temperature up to 40°C

工作条件：

- 最高流体温度为60°C
- 最大可承受的压力10bar
- 最高环境温度40°C



技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q _{max} (l/min)	最高扬程 H _{max} (m)	最大吸程 S.Head (M)	转速 Speed (r/min)	流量 Capacity(l/min)								
	KW	HP						0	5	10	15	20	25	30	35	
DB-125A	0.125	1/6	1.4	30	24	9	2850	总扬程 Total head(m)	24	20.5	17	14	10	6	2	
DB-370A	0.37	1/2	2.4	35	35	9			35	32	25	21	16	11	6.5	2

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz, 380V/50Hz etc. Models are available on request
备注: 可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz等电压频率

安装尺寸 DIMENSIONS

型号 TYPE	外形尺寸 Dimensions(mm)															包装尺寸 Packing Size (mm)			毛重 G.W KG	包装数量 Packing QTY. 20'柜(Cont)
	进口 DNA		出口 DN		a	b	c	d	e	f	g	h	i	j	k	L	W	H		
	inch	mm	inch	mm																
DB-125A	1"	25	1"	25	256	101	80	154	60	147	118	110	10	63	143	280	165	180	4.8	3300
DB-370A	1"	25	1"	25	256	101	80	154	60	147	118	110	10	63	143	280	165	180	5.2	3300

GP 系列自吸旋涡泵 SERIES SELF-PRIMING PERIPHERAL PUMPS



GP series automatic self-priming water pumps are suitable for pumping clean water. Consisted of a water pump, a tank and a pressure switch, this series is relatively simple construction, not expensive but reliable and safe. It is suitable to grant the correct pressure to modern domestic and industrial water systems.

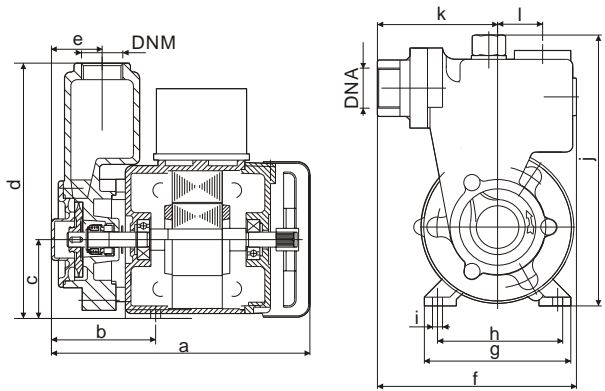
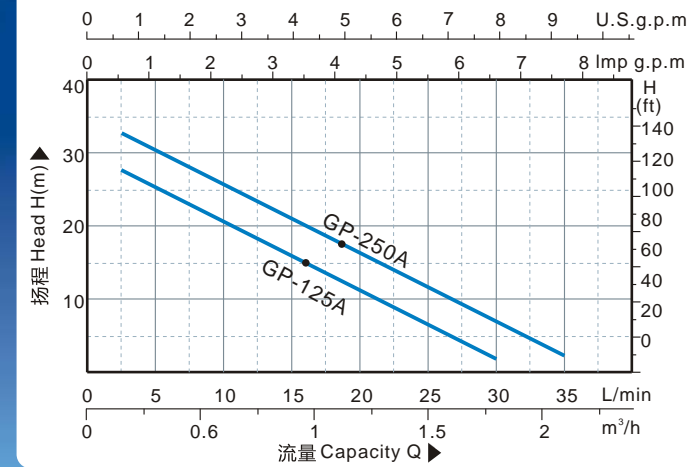
GP 系列自吸旋涡泵用于输送清水，该自动供水泵可以代替小水塔实现自动供水。由一个旋涡泵、一个压力罐、一个压力开关及相关的附件组成，结构十分紧凑。其典型用途是家庭或农户或小企业从井中或水池中提水，主要用于家庭水增压、自动供水。

WORKING CONDITIONS

- Max Temperature of Fluid up to +60°C
- Max Pressure 10bar
- Max Ambient Temperature up to 40°C

工作条件：

- 最高流体温度为60°C
- 最大可承受的压力10bar
- 最高环境温度40°C



技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q _{max} (l/min)	最高扬程 H _{max} (m)	最大吸程 S.Head (M)	转速 Speed (r/min)	总扬程 Total head(m)	流量 Capacity(l/min)							
	KW	HP							0	5	10	15	20	25	30	35
GP-125A	0.125	1/6	1.4	30	30	9	2850	30	27	20	16	11	6	1	2	
GP-250A	0.37	1/2	2.4	35	35	9			35	32	25	21	16	11	6.5	

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz Models are available on request
备注: 可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz

安装尺寸 DIMENSIONS

型号 TYPE	外形尺寸 Dimensions(mm)														包装尺寸 PackingSize (mm)			毛重 G.W KG	包装数量 Packing QTY. 20'柜(Cont)		
	进口 DNA		出口 DNM		a	b	c	d	e	f	g	h	i	j	k	l	L			W	H
	inch	mm	inch	mm																	
GP-125A	1"	25	1"	25	211	86	71	202	40	143	119	105	9	213	83	40	260	200	240	6.6	2100
GP-250A	1"	25	1"	25	211	86	71	202	40	143	119	105	9	213	83	40	260	200	240	7	2100

PS 系列自吸旋涡泵 SERIES SELF-PRIMING PERIPHERAL PUMPS



PS series automatic self-priming water pumps are suitable for pumping clean water. Consisted of a water pump, a tank and a pressure switch, this series is relatively simple construction, not expensive but reliable and safe. It is suitable to grant the correct pressure to modern domestic and industrial water systems.

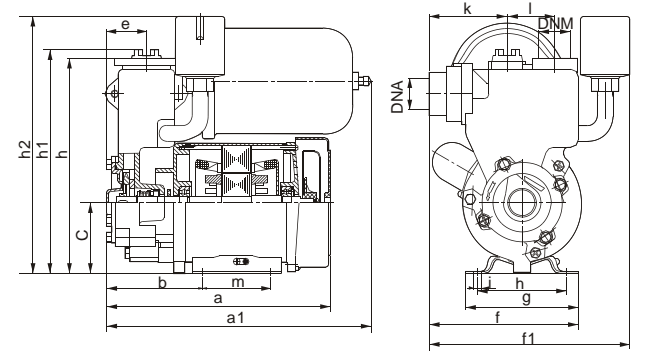
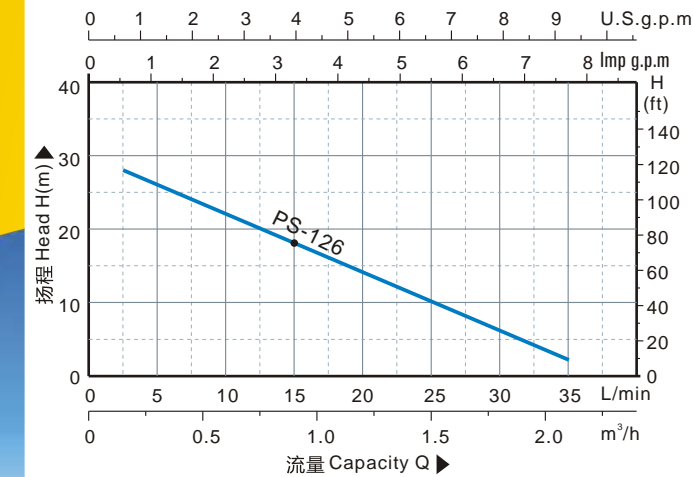
PS 系列自吸旋涡泵用于输送清水，该自动供水泵可以代替小水塔实现自动供水。由一个旋涡泵、一个压力罐、一个压力开关及相关的附件组成，结构十分紧凑。其典型用途是家庭或农户或小企业从井中或水池中提水，主要用于家庭水增压、自动供水。

WORKING CONDITIONS

- Max Temperature of Fluid up to +60°C
- Max Pressure 10bar
- Max Ambient Temperature up to 40°C

工作条件：

- 最高流体温度为60°C
- 最大可承受的压力10bar
- 最高环境温度40°C



技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q _{max} (l/min)	最高扬程 H _{max} (m)	最大吸程 S.Head (M)	转速 Speed (r/min)	总扬程 Total head(m)	流量 Capacity(l/min)							
	KW	HP							0	5	10	15	20	25	30	35
PS-126	0.37	1/2	1.6	35	30	9	2850	30	26	22	18	14	10	6	1	

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz Models are available on request
备注: 可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz

安装尺寸 DIMENSIONS

型号 TYPE	外形尺寸 Dimensions(mm)														包装尺寸 PackingSize (mm)			毛重 G.W KG	包装数量 Packing QTY. 20'柜(Cont)						
	进口 DNA		出口 DNM		a	a1	b	c	h	h1	h2	e	f	f1	g	h	i			k	l	m	L	W	H
	inch	mm	inch	mm																					
PS-126	1"	25	1"	25	226	265	97	71.2	17.5	227	256	40.5	178	200	114	90	8	79	48	69	260	200	240	7.5	2000

WORKING PRINCIPLE

The shape of the impeller of centrifugal water pumps is designed to transmit a radial motion to the fluid from the center outwards. With minimum hydraulic loss, the blades inside the impeller channel transfer energy to the fluid both in the form of pressure and an increase in speed. After leaving the impeller, the fluid passed to the volute in which transforms part of the kinetic energy into pressure energy.

工作原理

离心泵的叶轮被设计成使流体产生离心运动。其水道中的叶片将动能传递给流体，增加了流体的压力及速度，并只有较小的水力损失。流体在离开叶轮后进入涡形流道形成压力

MATERIALS

- Pump casing and motor front cover: cast iron
- Impeller: brass or stainless steel.
- Motor casing: Aluminum alloy.
- Shaft: 45# steel or stainless steel on request.
- Mechanical seal: Rotary face: carbon; stationary face: ceramic, silicon carbide can be used on request.

材料

- 泵体及电机前盖：铸铁
- 叶轮：铜或不锈钢
- 电机壳：铝合金
- 轴：45# 钢或不锈钢。
- 机械密封件：动环：石墨；静环：陶瓷 + NBR丁晴橡胶，可选用碳化硅或硅橡胶。



CENTRIFUGAL WATER PUMPS
离心泵系列



图.1(FIG. 1)

FEATURE AND APPLICATION

Centrifugal water pump provides larger capacity with higher efficiency. The construction is simple and easy to maintain. It is suitable for water supply, irrigation, washing, increase water pressure, etc. Some of them, the Max head more than 30M, can be combined with a pressure switch and a surge tank to be used as a Domestic Water System for distributing water. It is designed to pump clean water, even fairly dirt water, or other non-aggressive fluid. There is a direct proportion between its capacity and electric input-power. To prevent the motor overheating, some of them please don't be used for a large capacity occasion near its max flow.

特性及应用

离心泵可以提供较大的流量及较高的效率。其结构简单，维修方便。适用于供水、灌溉、冷却及防火等用途。其中一些压力高于30M的泵，可以与压力开关及缓冲罐等部件形成家用供水系统。可以用来输送清水、轻微的污水或其它不具侵蚀性的流体。离心泵的流量与功率成正比。某些离心泵不能用于太大的流量场合。

MOTOR FEATURES

- Pump is coupled with induction motor directly.
- 2 poles motor with copper wire
- Insulation class: F
- Protection degree: IP44, IP 54 optional
- Built-in thermal protector for single phase motor

电机特性

- 电动机与水泵共轴直联
- 2极，铜线电机
- 绝缘等级：F
- 防护等级：IP44，可选做IP54。
- 单相电机：内置热保护器

离心泵分解图
EXPANDED DIAGRAM
CENTRIFUGAL WATER PUMPS



图表DIAGRAM

No.	名称 DESCRIPTION	No.	名称 DESCRIPTION	No.	名称 DESCRIPTION	No.	名称 DESCRIPTION
1	放水气钉 (Drain Plug)	9	卡环 (Snap Ring)	17	转子 (Rotor)	25	外六角螺栓 (Screw)
2	O型圈 (O Ring)	10	密封件 (M.Seal)	18	轴承 (Bearing)	26	定子线圈 (Coil Stator)
3	注水气钉 (Filling Plug)	11	O型圈 (O Ring)	19	十字螺钉 (Screw)	27	底脚 (Support)
4	O型圈 (O Ring)	12	前端盖 (Front Cover)	20	接线盒 (Terminal Box)	28	机壳 (Motor Housing)
5	泵体 (Pump Body)	13	外六角螺栓 (Screw)	21	接线柱 (Connection Support)	29	波形垫片 (Spring Ring)
6	螺母 (Nut)	14	挡水圈 (Drop Guard)	22	运转电容器 (Running Capacitor)	30	后端盖 (End Cover)
7	弹簧垫片 (Washer)	15	轴承 (Bearing)	23	压线板 (Cable Holding)	31	风叶 (Fan)
8	叶轮 (Impeller)	16	平键 (Key)	24	出线套 (Cable Sleeve)	32	风罩 (Fan Cover)

CPM 系列离心泵

SERIES CENTRIFUGAL PUMPS



CPM series are single stage centrifugal pumps, can be used to transfer clean water or other similar water in physical and chemical properties. It is suitable for industrial use and urban water supply, pressure boosting for high buildings and fire system, garden irrigation, long-distance water transfer, heating ventilation and air controlling, circulation and pressure boosting for cold and hot water, and supporting equipment etc.

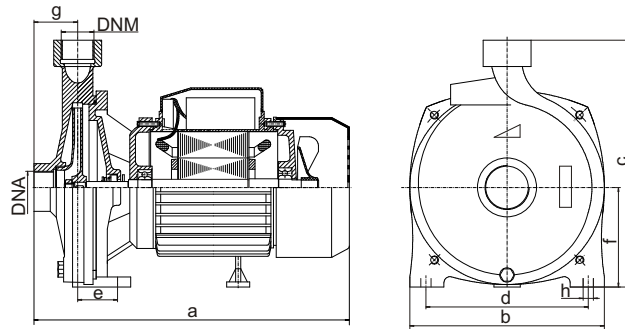
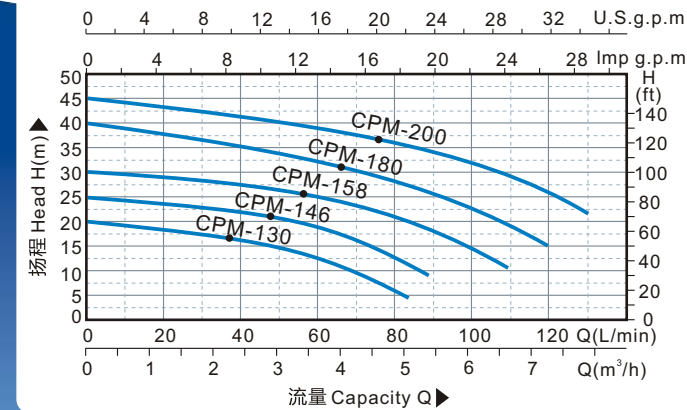
CPM 系列为单级离心电泵，主要用于输送清水和其他与水性质类似的液体，适用于工业和城市供水、高层建筑增压、消防系统、园林灌溉、长途水输送、暖通和空气调节、冷水循环增压和配套设施等。

WORKING CONDITIONS

- Max Temperature of Fluid up to +60°C
- Max Pressure 10bar
- Max Ambient Temperature up to 40°C

工作条件：

- 最高流体温度为60°C
- 最大可承受的压力10bar
- 最高环境温度40°C



技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q _{max} (l/min)	最高扬程 H _{max} (m)	最大吸程 S.Head (M)	转速 Speed (r/min)	流量 Capacity (l/min)										
	KW	HP						0	20	40	60	80	100	120	130			
CPM-130	0.37	1/2	2.5	85	20	9	2850	总扬程 Total head (m)	20	18	16	12.5	6					
CPM-146	0.55	3/4	3.6	90	25	9			25	24	22	18.5	13					
CPM-158	0.75	1	4.8	110	30	9			30	29	27.5	25	21	15				
CPM-180	1.1	1.5	6.6	120	40	9			40	37.5	35	32	28	22	15			
CPM-200	1.5	2	8.8	130	45	9			45	43	41	38	36	32.5	27.5	21		

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz, 380V/50Hzets. Models are available on request
备注: 可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz等电压频率

安装尺寸 DIMENSIONS

型号 TYPE	外形尺寸 Dimensions (mm)										包装尺寸 Packing Size (mm)			毛重 G.W	包装数量 Packing QTY. 20'柜(Cont)		
	进口 DNA		出口 DNM		a	b	c	d	e	f	g	h	L			W	H
	inch	mm	inch	mm													
CPM-130	1"	25	1"	25	295	165	215	132	29	88	42	10	320	175	235	9	2100
CPM-146	1"	25	1"	25	305	175	242	142	30	97	45	10	345	210	270	12.5	1500
CPM-158	1"	25	1"	25	305	190	242	160	35	98	45	10	345	210	270	13.6	1400
CPM-180	1"	25	1"	25	380	220	280	190	30	115	53	12	420	260	340	21	800
CPM-200	1"	25	1"	25	380	220	280	190	30	115	53	12	420	260	340	23	800

CM 系列离心泵

SERIES CENTRIFUGAL PUMPS



CM series are single stage centrifugal pumps, can be used to transfer clean water or other similar water in physical and chemical properties. It is suitable for industrial use and urban water supply, pressure boosting for high buildings and fire system, garden irrigation, long-distance water transfer, heating ventilation and air controlling, circulation and pressure boosting for cold and hot water, and supporting equipment etc.

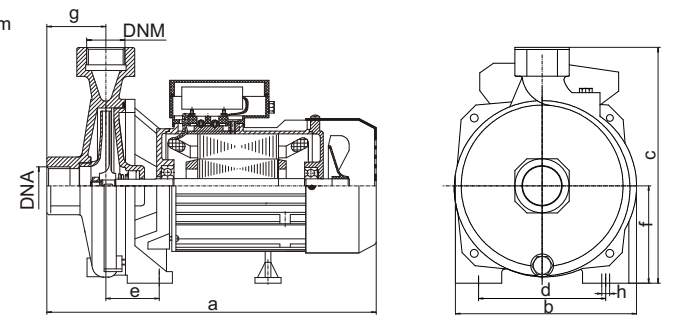
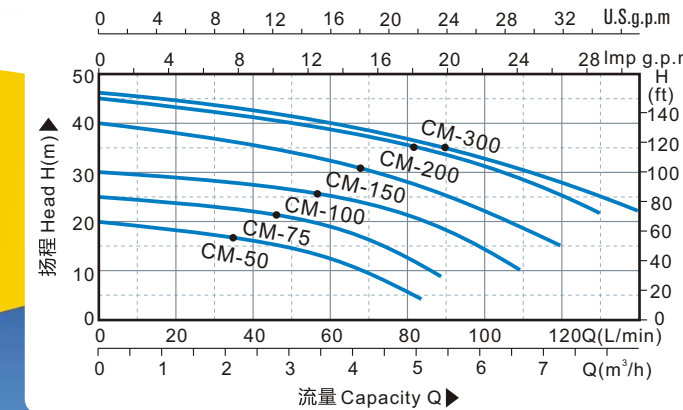
CM 系列为单级离心电泵，主要用于输送清水和其他与水性质类似的液体，适用于工业和城市供水、高层建筑增压、消防系统、园林灌溉、长途水输送、暖通和空气调节、冷水循环增压和配套设施等。

WORKING CONDITIONS

- Max Temperature of Fluid up to +60°C
- Max Pressure 10bar
- Max Ambient Temperature up to 40°C

工作条件：

- 最高流体温度为60°C
- 最大可承受的压力10bar
- 最高环境温度40°C



技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q _{max} (l/min)	最高扬程 H _{max} (m)	最大吸程 S.Head (M)	转速 Speed (r/min)	流量 Capacity (l/min)										
	KW	HP						0	20	40	60	80	100	120	130			
CM-50	0.37	1/2	2.5	85	20	9	2850	总扬程 Total head (m)	20	18	16	12.5	6					
CM-75	0.55	3/4	3.6	90	25	9			25	24	22	18.5	13					
CM-100	0.75	1	4.8	110	30	9			30	29	27.5	25	21	15				
CM-150	1.1	1.5	6.6	120	40	9			40	37.5	35	32	28	22	15			
CM-200	1.5	2	8.8	130	45	9			45	43	41	38	36	32.5	27.5	21		
CM-300	2.2	3	11	140	46	9			46	44	42	40	37	33	28	22		

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz, 380V/50Hzets. Models are available on request
备注: 可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz等电压频率

安装尺寸 DIMENSIONS

型号 TYPE	外形尺寸 Dimensions (mm)										包装尺寸 Packing Size (mm)			毛重 G.W	包装数量 Packing QTY. 20'柜(Cont)		
	进口 DNA		出口 DNM		a	b	c	d	e	f	g	h	L			W	H
	inch	mm	inch	mm													
CM-50	1"	25	1"	25	270	157	203	110	95	84	44	10	260	175	235	8.5	2300
CM-75	1"	25	1"	25	320	185	232	140	102	95	46	10	310	210	260	12	1600
CM-100	1"	25	1"	25	320	185	232	140	102	95	46	10	310	210	260	13.5	1450
CM-150	1.25"	30	1.25"	30	360	217	290	190	120	117	53	10	420	255	335	20	1000
CM-200	1.25"	30	1.25"	30	360	217	290	190	120	117	53	10	420	255	335	22	900
CM-300	1.25"	30	1.25"	30	360	217	290	190	120	117	53	10	420	255	335	23.5	850

SCM 系列离心泵

SERIES CENTRIFUGAL PUMPS



SCM series are single stage centrifugal pumps, can be used to transfer clean water or other similar water in physical and chemical properties. It is suitable for industrial use and urban water supply, pressure boosting for high buildings and fire system, garden irrigation, long-distance water transfer, heating ventilation and air controlling, circulation and pressure boosting for cold and hot water, and supporting equipment etc.

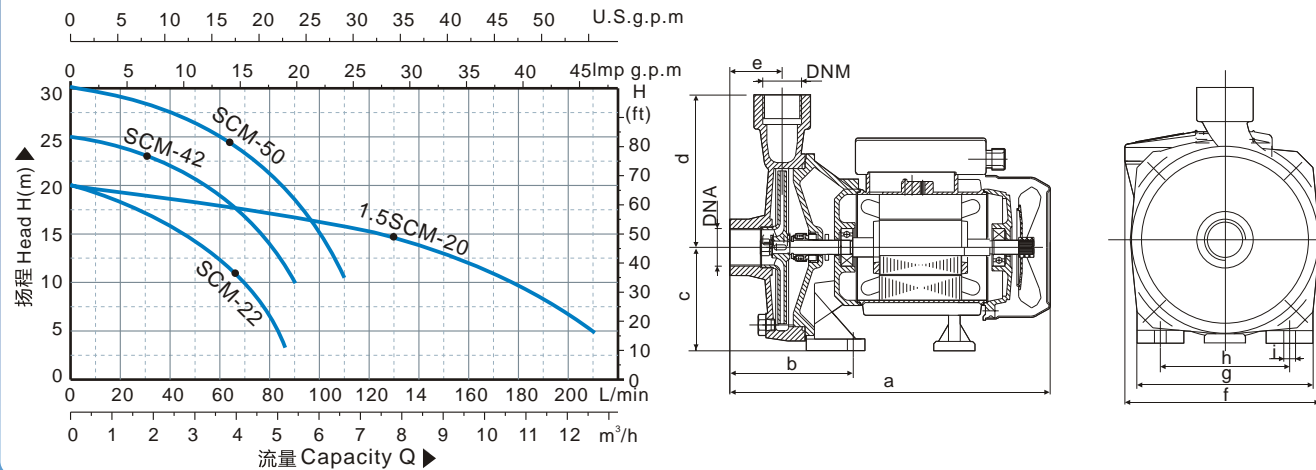
SCM 系列为单级离心电泵，主要用于输送清水和其他与水性质类似的液体，适用于工业和城市供水、高层建筑增压、消防系统、园林灌溉、长途水输送、暖通和空气调节、冷热水循环增压和配套设施等。

WORKING CONDITIONS

- Max Temperature of Fluid up to +60°C
- Max Pressure 10bar
- Max Ambient Temperature up to 40°C

工作条件：

- 最高流体温度为60°C
- 最大可承受的压力10bar
- 最高环境温度40°C



技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q _{max} (l/min)	最高扬程 H _{max} (m)	最大吸程 S.Head (M)	转速 Speed (r/min)	流量 Capacity (l/min)													
	KW	HP						0	20	40	60	80	100	120	140	180					
SCM-22	0.37	1/2	2.5	85	20	9	2850	总扬程 Total head(m)	20	20	18	16	12.5	6							
SCM-42	0.55	3/4	3.6	90	25	9			25	25	24	22	18.5	13							
SCM-50	0.75	1	4.8	110	30	9			30	30	29	27.5	25	21	15						
1.5SCM-20	0.75	1	4.8	210	20	9			20	19	18	17	16.5	16	15	13	9				

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz, 380V/50Hz etc. Models are available on request
备注：可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz等电压频率

安装尺寸 DIMENSIONS

型号 TYPE	外形尺寸 Dimensions (mm)											包装尺寸 Packing Size (mm)			毛重 G.W KG	包装数量 Packing QTY. 20'柜(Cont)		
	进口 DINA		出口 DNM		a	b	c	d	e	f	g	h	i	L			W	H
	inch	mm	inch	mm														
SCM-22	1"	25	1"	25	270	100	83	114	43	156	150	110	10	310	170	230	8.5	2100
SCM-42	1"	25	1"	25	303	108	98	144	45	165	181	140	10	340	210	260	12.5	1600
SCM-50	1"	25	1"	25	319	108	98	144	45	185	181	140	10	340	210	260	13.6	1500
1.5SCM-20	1.5"	40	1.5"	40	313	53	97	125	45	170	150	142	10	350	210	265	14	1400

SCM2 系列离心泵

SERIES CENTRIFUGAL PUMPS



SCM2 series are with two impellers back to back, because of two impeller to gain energy, it is an obvious choice that there is need for high head values but if hard to reach with single impeller centrifugal pumps. Suitable for civil and industrial uses to pump clean water and chemically non-aggressive liquid. Particularly be used for increasing the supply pressure, feeding boilers and loading extremely.

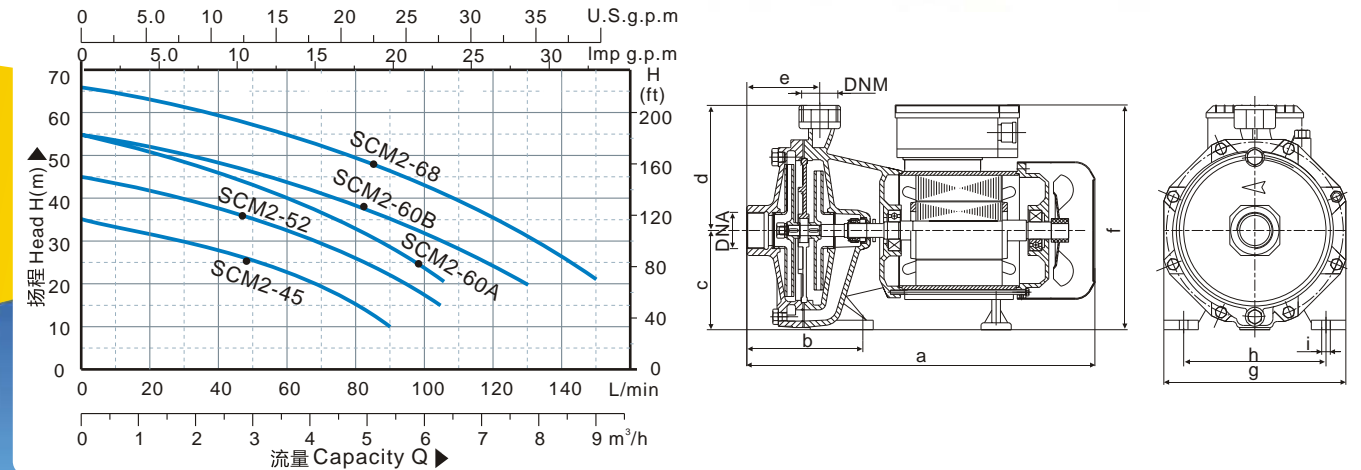
SCM2系列电泵有两个背对背的叶轮，可以产生较高的扬程。应用于民用及工业场合输送清水及不具腐蚀性的流体，特别适用于系统增压，低压锅炉给水等需要高扬程的场合。

WORKING CONDITIONS

- Max Temperature of Fluid up to +60°C
- Max Pressure 10bar
- Max Ambient Temperature up to 40°C

工作条件：

- 最高流体温度为60°C
- 最大可承受的压力10bar
- 最高环境温度40°C



技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q _{max} (l/min)	最高扬程 H _{max} (m)	最大吸程 S.Head (M)	转速 Speed (r/min)	流量 Capacity (l/min)													
	KW	HP						0	20	40	60	80	100	110	120	130	140				
SCM2-45	0.75	1.1	4.6	90	35	9	2850	总扬程 Total head(m)	35	31	27	22	15								
SCM2-52	1.1	1.5	6.8	105	45	9			45	41	37	32	25	17							
SCM2-60A	1.5	2	8.6	105	55	9			55	50	45	40	32	23	20	10					
SCM2-60B	1.5	2	8.6	130	55	9			55	52	49	44	37	31	28	25	20				
SCM2-68	2.2	3	12.8	150	66	9			66	62	59	55	50	42	39	35	30	25			

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz, 380V/50Hz etc. Models are available on request
备注：可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz等电压频率

安装尺寸 DIMENSIONS

型号 TYPE	外形尺寸 Dimensions (mm)											包装尺寸 Packing Size (mm)			毛重 G.W KG	包装数量 Packing QTY. 20'柜(Cont)		
	进口 DINA		出口 DNM		a	b	c	d	e	f	g	h	i	L			W	H
	inch	mm	inch	mm														
SCM2-45	1.25"	30	1"	25	379	135	110	153	84	263	225	185	11	210	380	240	18	1100
SCM2-52	1.25"	30	1"	25	400	140	115	148	86	256	210	165	10	420	230	280	23.5	850
SCM2-60A	1.25"	30	1"	25	400	140	115	148	86	256	210	165	10	420	230	280	25	800
SCM2-60B	1.5"	40	1.5"	40	400	140	115	148	86	256	210	165	10	420	230	280	25	800
SCM2-68	1.5"	40	1.25"	30	450	160	140	175	90	320	240	200	14	480	290	350	31	650

DK 系列离心泵

SERIES CENTRIFUGAL PUMPS



DK series are single stage centrifugal pumps, can be used to transfer clean water or other similar water in physical and chemical properties. It is suitable for industrial use and urban water supply, pressure boosting for high buildings and fire system, garden irrigation, long-distance water transfer, heating ventilation and air controlling, circulation and pressure boosting for cold and hot water, and supporting equipment etc.

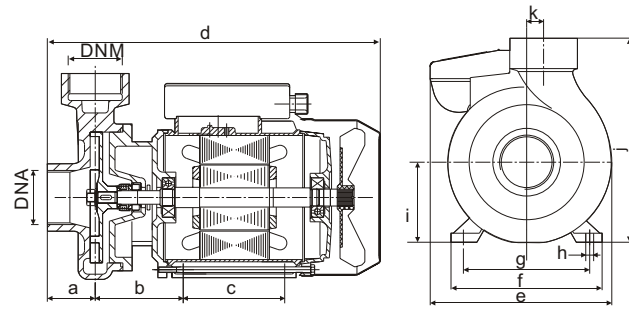
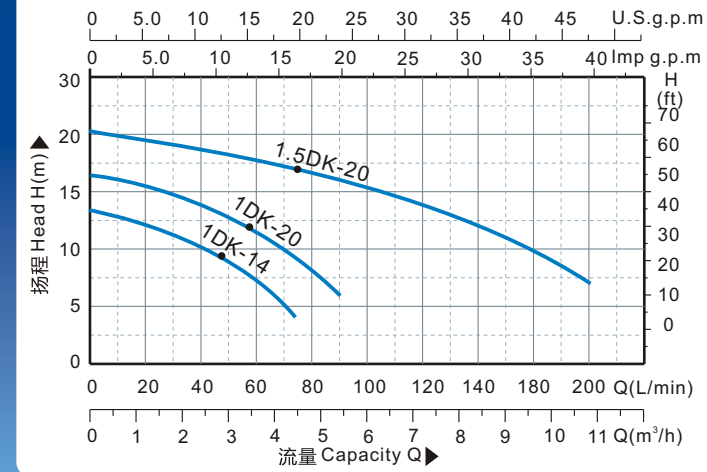
DK 系列为单级离心水泵，主要用于输送清水和其他与水性质类似的液体，适用于工业和城市供水、高层建筑增压、消防系统、园林灌溉、长途水输送、暖通和空气调节、冷热水循环增压和配套设施等。

WORKING CONDITIONS

- Max Temperature of Fluid up to +60°C
- Max Pressure 10bar
- Max Ambient Temperature up to 40°C

工作条件：

- 最高流体温度为60°C
- 最大可承受的压力10bar
- 最高环境温度40°C



技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q _{max} (l/min)	最高扬程 H _{max} (m)	最大吸程 S. Head (M)	转速 Speed (r/min)	流量 Capacity (l/min)																
	KW	HP						0	20	40	60	80	100	120	140	160								
1DK-14	0.37	1/2	2.5	75	13	9	2850	13	12	10	7													
1DK-20	0.55	3/4	3.6	90	16	9		16	15	13.5	11	8												
1.5DK-20	0.75	1	4.8	180	20	9		20	19	18	17.5	17	15	13	11.5	9								

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz, 380V/50Hz etc. Models are available on request
备注: 可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz等电压频率

安装尺寸 DIMENSIONS

型号 TYPE	外形尺寸 Dimensions (mm)												包装尺寸 Packing Size (mm)			毛重 G.W KG	包装数量 Packing QTY. 20'柜(Cont)		
	进口 DNA		出口 DNM		a	b	c	d	e	f	g	h	i	j	L			W	H
	inch	mm	inch	mm															
1DK-14	1"	25	1"	25	44	77	80	260	148	118	100	10	63	173	280	165	185	7.4	2450
1DK-20	1"	25	1"	25	44	78	90	298	168	136	112	10	71	191	325	180	210	11.2	1800
1.5DK-20	1.5"	40	1.5"	40	43	78	90	298	168	136	112	10	71	191	325	180	210	13	1500

DKM 系列离心泵

SERIES CENTRIFUGAL PUMPS



DKM series are single stage centrifugal pumps, can be used to transfer clean water or other similar water in physical and chemical properties. It is suitable for industrial use and urban water supply, pressure boosting for high buildings and fire system, garden irrigation, long-distance water transfer, heating ventilation and air controlling, circulation and pressure boosting for cold and hot water, and supporting equipment etc.

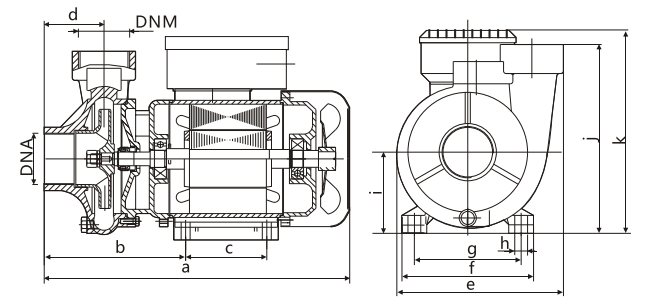
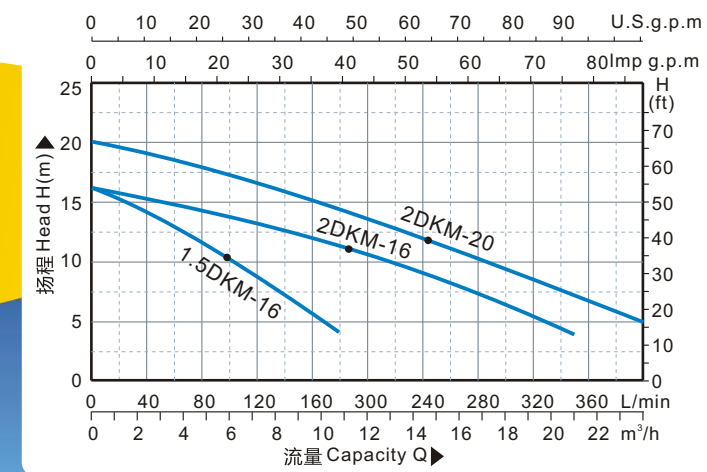
DKM 系列为单级离心水泵，主要用于输送清水和其他与水性质类似的液体，适用于工业和城市供水、高层建筑增压、消防系统、园林灌溉、长途水输送、暖通和空气调节、冷热水循环增压和配套设施等。

WORKING CONDITIONS

- Max Temperature of Fluid up to +60°C
- Max Pressure 10bar
- Max Ambient Temperature up to 40°C

工作条件：

- 最高流体温度为60°C
- 最大可承受的压力10bar
- 最高环境温度40°C



技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q _{max} (l/min)	最高扬程 H _{max} (m)	最大吸程 S. Head (M)	转速 Speed (r/min)	流量 Capacity (l/min)														
	KW	HP						0	40	80	120	160	200	240	280	320	360					
1.5DKM-16	0.75	1	4.6	180	16	9	2850	16	14	12	8.5	5.5										
2DKM-16	1.1	1.5	6.6	350	16	9		16	15	14	13	12	10.5	8	7	5						
2DKM-20	1.5	2	8.8	380	20	9		20	18.5	17.5	17	15	13	12	10	8	7					

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz, 380V/50Hz etc. Models are available on request
备注: 可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz等电压频率

安装尺寸 DIMENSIONS

型号 TYPE	外形尺寸 Dimensions (mm)												包装尺寸 Packing Size (mm)			毛重 G.W KG	包装数量 Packing QTY. 20'柜(Cont)		
	进口 DNA		出口 DNM		a	b	c	d	e	f	g	h	i	k	L			W	H
	inch	mm	inch	mm															
1.5DKM-16	1.5"	40	1.5"	40	330	155	90	45	190	138	110	10	80	199	360	220	230	11.5	1500
2DKM-16	2"	50	2"	50	360	162	92	61	185	162	130	10	90	207	380	235	250	17	1100
2DKM-20	2"	50	2"	50	360	162	92	61	185	162	130	10	90	207	380	235	250	19.5	1000

DTM 系列离心泵

SERIES CENTRIFUGAL PUMPS



DTM series are single stage centrifugal pumps, can be used to transfer clean water or other similar water in physical and chemical properties. It is suitable for industrial use and urban water supply, pressure boosting for high buildings and fire system, garden irrigation, long-distance water transfer, heating ventilation and air controlling, circulation and pressure boosting for cold and hot water, and supporting equipment etc.

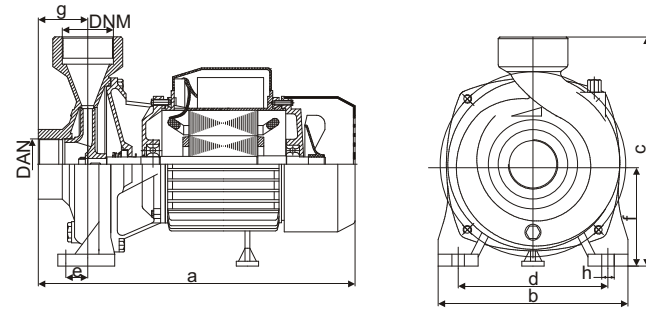
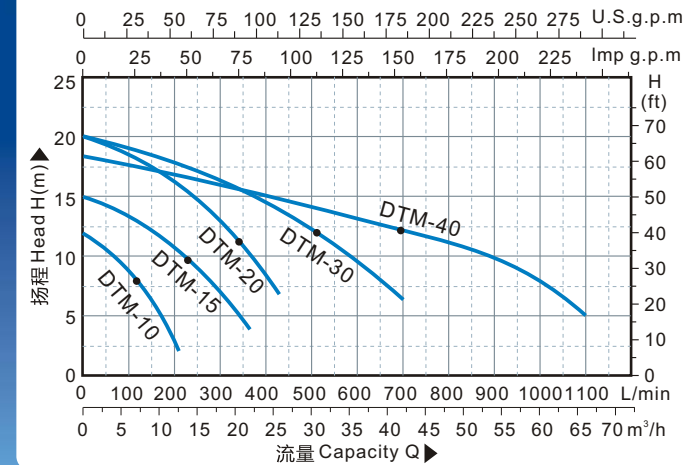
DTM 系列为单级离心电泵，主要用于输送清水和其他与水性质类似的液体，适用于工业和城市供水、高层建筑增压、消防系统、园林灌溉、长途水输送、暖通和空气调节、冷热水循环增压和配套设施等。

WORKING CONDITIONS

- Max Temperature of Fluid up to +60°C
- Max Pressure 10bar
- Max Ambient Temperature up to 40°C

工作条件：

- 最高流体温度为60°C
- 最大可承受的压力10bar
- 最高环境温度40°C



技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q _{max} (l/min)	最高扬程 H _{max} (m)	最大吸程 S.Head (M)	转速 Speed (r/min)	流量 Capacity (l/min)														
	KW	HP						0	100	200	300	400	500	600	700	800	1000					
DTM-10	0.75	1	4.8	220	12	9	2850	总扬程 Total head(m)	12	8	3											
DTM-15	1.1	1.5	6.6	360	15	9			15	13	10.5	7										
DTM-20	1.5	2	8.8	420	20	9			20	18	17	13	8									
DTM-30	2.2	3	12.8	700	20	9			20	18.5	18	16.5	14	12	9							
DTM-40	3	4	17.8	1100	18	9			18	17.5	16.5	16	15	14	13	12	11	7.5				

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz, 380V/50Hzets. Models are available on request
备注: 可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz等电压频率

安装尺寸 DIMENSIONS

型号 TYPE	外形尺寸 Dimensions(mm)											包装尺寸 Packing Size (mm)			毛重 G.W KG	包装数量 Packing QTY. 20'柜(Cont)	
	进口 DNA		出口 DNM		a	b	c	d	e	f	g	h	L	W			H
	inch	mm	inch	mm													
DTM-10	1.5"	40	1.5"	40	320	190	242	100	28	92	54	10	340	210	270	17	1100
DTM-15	2"	50	2"	50	375	205	260	160	31	68	95	10	410	225	285	18	1000
DTM-20	2"	50	2"	50	375	205	260	160	31	68	95	10	410	225	285	20	1000
DTM-30	3"	75	3"	75	395	238	315	190	35	121	66	10	440	280	355	27.5	700
DTM-40	4"	100	4"	100	407	238	315	190	35	121	66	10	452	280	355	30	650

PX 系列离心泵

SERIES CENTRIFUGAL PUMPS



PX series are single stage centrifugal pumps, can be used to transfer clean water or other similar water in physical and chemical properties. It is suitable for industrial use and urban water supply, pressure boosting for high buildings and fire system, garden irrigation, long-distance water transfer, heating ventilation and air controlling, circulation and pressure boosting for cold and hot water, and supporting equipment etc.

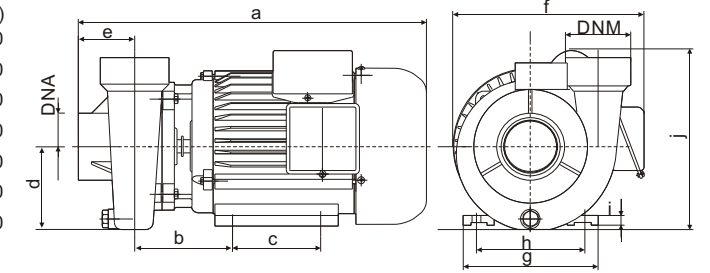
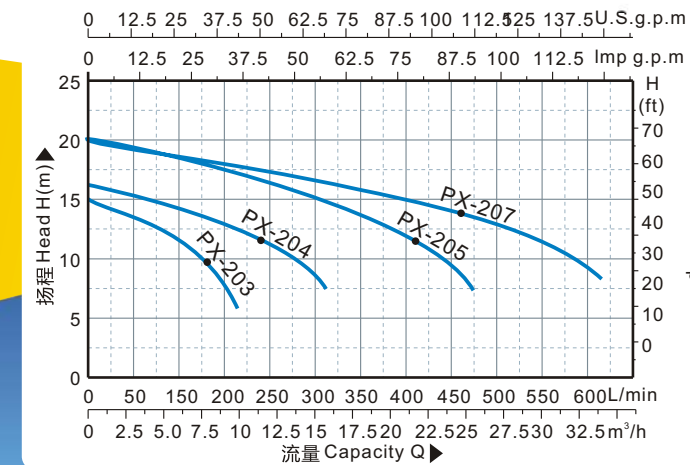
PX 系列为单级离心电泵，主要用于输送清水和其他与水性质类似的液体，适用于工业和城市供水、高层建筑增压、消防系统、园林灌溉、长途水输送、暖通和空气调节、冷热水循环增压和配套设施等。

WORKING CONDITIONS

- Max Temperature of Fluid up to +60°C
- Max Pressure 10bar
- Max Ambient Temperature up to 40°C

工作条件：

- 最高流体温度为60°C
- 最大可承受的压力10bar
- 最高环境温度40°C



技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q _{max} (l/min)	最高扬程 H _{max} (m)	最大吸程 S.Head (M)	转速 Speed (r/min)	流量 Capacity (l/min)													
	KW	HP						0	50	100	150	200	250	300	350	400	500				
PX-203	0.55	3/4	3.6	160	15	9	2850	总扬程 Total head(m)	15	13.5	12	8									
PX-204	0.75	1	4.8	260	16	9			16	15	14	12.5	11	8							
PX-205	1.5	2	8.6	420	20	9			20	19	18	17.5	16.5	15	13	10	8				
PX-207	2.2	3	12.8	560	20	9			20	19	18.5	18	17	16	15.5	14	13.5	11			

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz, 380V/50Hzets. Models are available on request
备注: 可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz等电压频率

安装尺寸 DIMENSIONS

型号 TYPE	外形尺寸 Dimensions(mm)											包装尺寸 Packing Size (mm)			毛重 G.W KG	包装数量 Packing QTY. 20'柜(Cont)			
	进口 DNA		出口 DNM		a	b	c	d	e	f	g	h	i	j			L	W	H
	inch	mm	inch	mm															
PX-203	1.5"	40	1.5"	40	330	155	90	80	45	190	138	110	10	199	360	220	230	16.5	1400
PX-204	2"	50	2"	50	330	155	90	80	45	190	138	110	10	199	360	220	230	18	1100
PX-205	2"	50	2"	50	375	182	102	90	67	224	170	136	10	215	430	280	265	22	900
PX-207	3"	75	3"	75	405	165	245	122	98	238	185	145	10	280	520	330	310	33.5	600

NFM 系列离心泵

SERIES CENTRIFUGAL PUMPS



NFM series are single stage centrifugal pumps, can be used to transfer clean water or other similar water in physical and chemical properties. It is suitable for industrial use and urban water supply, pressure boosting for high buildings and fire system, garden irrigation, long-distance water transfer, heating ventilation and air controlling, circulation and pressure boosting for cold and hot water, and supporting equipment etc.

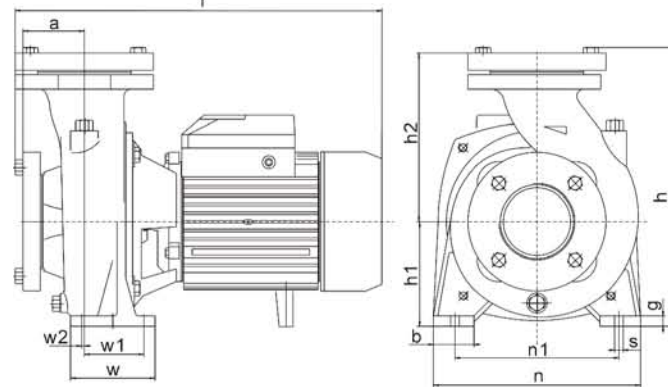
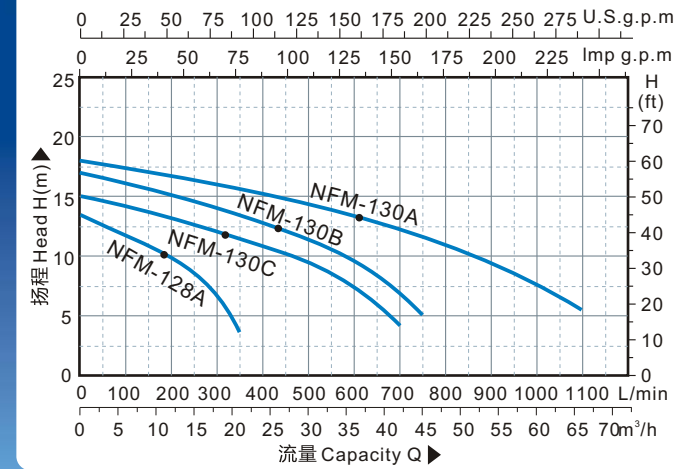
NFM 系列为单级离心电泵，主要用于输送清水和其他与水性质类似的液体，适用于工业和城市供水、高层建筑增压、消防系统、园林灌溉、长途水输送、暖通和空气调节、冷热水循环增压和配套设施等。

WORKING CONDITIONS

- Max Temperature of Fluid up to +60°C
- Max Pressure 10bar
- Max Ambient Temperature up to 40°C

工作条件：

- 最高流体温度为60°C
- 最大可承受的压力10bar
- 最高环境温度40°C



技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q _{max} (l/min)	最高扬程 H _{max} (m)	最大吸程 S.Head (M)	转速 Speed (r/min)	流量 Capacity(l/min)																
	KW	HP						0	100	200	300	400	500	600	700	800	1000							
NFM-128A	0.75	1	4.6	350	13	9	2850	总扬程 Total head(m)	13	12	12.5	7												
NFM-130C	1.1	1.5	6.6	700	15	9			15	14	13	12	11	9	7									
NFM-130B	1.5	2	8.6	750	17	9			17	16	15	13.5	12.5	11.5	9	8	7							
NFM-130A	2.2	3	12.8	1100	18	99			18	17	16.5	16	15	14	13	12	11	7.5						

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz, 380V/50Hz etc. Models are available on request
备注：可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz等电压频率

安装尺寸 DIMENSIONS

型号 TYPE	外形尺寸 Dimensions(mm)															包装尺寸 Packing Size (mm)			毛重 G.W KG	包装数量 Packing QTY. 20'柜(Cont)		
	进口 DNA		出口 DN		a	f	h	h1	h2	w	w1	w2	n	n1	b	g	s	L			W	H
	inch	mm	inch	mm																		
NFM-128A	2"	50	2"	50	64	384	264	100	164	90	55	17	205	155	45	11	10	370	220	260	22	900
NFM-130C	3"	75	3"	75	71	425	323	121	195	98	69	13	240	190	48	12	10	455	280	355	31	640
NFM-130B	3"	75	3"	75	71	425	323	121	195	98	69	13	240	190	48	12	10	455	280	355	33	600
NFM-130A	3"	75	3"	75	71	445	323	121	195	98	69	13	240	190	48	12	10	465	280	355	40	500

GD 系列管道泵

SERIES IN LINE PUMPS



1. This kind of pump adopts the motor which is specially designed for this pump with advanced international motor design standard. It possesses small measurement, light weight, and will not obtain too much space, it could be mounted on any position of the pipe.

2. This kind of pump adopts the impeller which is designed specially and with patent right, the pump will reduce the consumption of the power. Based on equipping with the same output motor and same caliber of pump, this kind of pump will possess higher head, greater flow quantity while the load current is less.

3. Shaft seal adopts the type which is made of imported raw material and have longer life and is not easy to break.

4. The motor is totally enclosed, so it could be used on the place without any rain keeping off equipment. The shaft of the motor will not easily rust as it has been dealt with 45# steel.

5. Please don't make the pump race rotation or back turn. For first time operating, please exhaust air from the exhaust steam nozzle, after having exhausted all the air, the pump could be operated for long period.

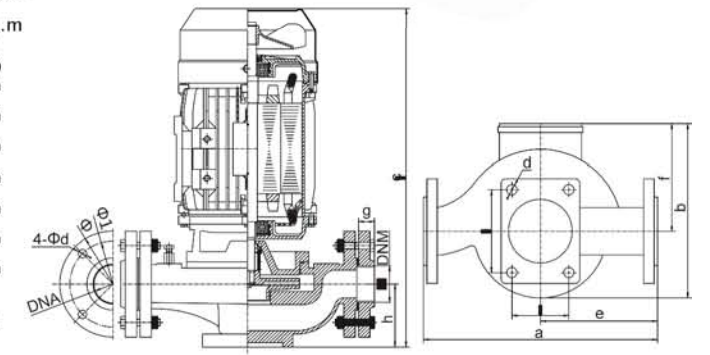
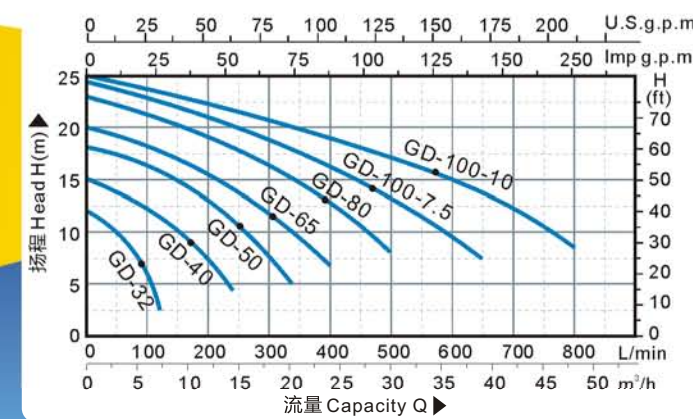
1. 采用国际先进电机设计标准设计的水泵专用电机，具有体积小、重量轻、不占空间、可按客户需要安装于管道的任何位置。

2. 采用特殊专利工艺设计的叶轮，使本水泵在同等功率电机配同等口径水泵时，比普通水泵的扬程高、水量大、而负载电流反而小，所以本泵耗电量少。

3. 轴封采用进口生产的机械密封，经久耐用，不易漏水。

4. 全密封马达，可在不加任何挡雨装置下工作，轴用45#钢特殊工艺处理，不易生锈。

5. 本水泵需注意的是严禁空转及反转运行，开动时以排气嘴排放空气，放完后即可长期运转使用。



技术参数 TECHNICAL DATA AT 380V 50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q _{max} (l/min)	最高扬程 H _{max} (m)	转速 S.Head (M)	流量 Capacity(l/min)															
	KW	HP					0	50	100	200	300	400	500	600	700	800						
GD-32	0.37	1/2	0.9	120	12	2900	总扬程 Total head(m)	12	10	6												
GD-40	0.75	1	2	240	15			15	14	12	7.5											
GD-50	1.5	2	3	330	18			18	17.5	17	13	7.5										
GD-65	2.2	3	5	400	20			20	19	18	15.5	12	7									
GD-80	4	5.5	8	500	23			23	22	21	18.5	16.5	12.5	8								
GD-100-7.5	5.5	7.5	11	650	24			24	23.5	23	21.5	19	16.5	13	9	3						
GD-100-10	7.5	10	15	800	26			26	25	24	22.5	21	18	17	15	12	8					

Note: 230/400V/50Hz 240/415V/50Hz, 400/690V/50Hz, 420V/50Hz 380/440V/50/60Hz etc. Models are available on request
备注：可以按要求生产230/400V/50Hz 240/415V/50Hz, 400/690V/50Hz, 420V/50Hz 380/440V/50/60Hz等电压频率

安装尺寸 DIMENSIONS

型号 TYPE	外形尺寸 Dimensions(mm)															法兰尺寸 Flange Dimensions(mm)				包装尺寸 Packing Size (mm)			毛重 G.W KG	包装数量 Packing QTY. 20'柜(Cont)
	进口 DNA		出口 DN		a	b	c	d	e	f	h	l	w	g	phi1	phi	4-phi d	L	W	H				
	inch	mm	inch	mm																				
GD-32	1.25"	32	1.25"	32	250	220	350	10	125	120	71	139	131	20	100	120	4-φ10	270	240	380	17	1200		
GD-40	1.5"	40	1.5"	40	263	198	385	12	131	122	81	65	95	21	100	120	4-φ12	390	280	440	22	620		
GD-50	2"	50	2"	50	294	215	435	12	147	137	95	75	115	22	115	140	4-φ12	420	280	490	28.5	520		
GD-65	2.5"	65	2.5"	65	316	215	475	12	158	137	104	82	122	26	140	165	4-φ12	440	280	540	35.5	450		
GD-80	3"	80	3"	80	330	292	540	12	165	152	114	149	159	31	155	190	4-φ14	480	330	590	63	320		
GD-100-7.5	4"	100	4"	100	390	335	600	12	195	175	122	209	219	26	174	210	4-φ15	560	390	650	80	210		
GD-100-10	4"	100	4"	100	390	335	640	12	195	175	122	209	219	26	174	210	4-φ15	560	390	700	88	190		

WORKING PRINCIPLE

The most remarkable character of JET pump is a Venturi system consisted of a tube and a nozzle housed in its pump body. JET pump achieve self-priming function by using Venturi system in its chamber. The total delivery produced by its centrifugal impeller is sent only partly to the delivery outline. The others water is circulated and jet through the nozzle in Venturi system, this speed flow lead the water in suction chamber and generates the necessary vacuum to self-prime the pump.

工作原理

JET泵的显著特点是在泵体中装配了文氏系统。文氏系统由文氏管及喷嘴构成。JET泵也能过装在其水罐中的文氏系统实现自吸功能。离心叶轮所泵出的流体只有一部份流出泵外，其余部份流体回流通过文氏系统喷嘴射出形成射流，该射流将吸入室中的水引出，从而形成所需的真空以便自吸。

MATERIALS

- Pump casing and motor front cover: Cast iron
- Diffuser: Techno-polymer(P.P.O)/ABS
- Impeller: Techno-polymer(P.P.O) , Brass or Stainless steel
- Motor casing: Aluminum alloy
- Shaft: 45# steel, stainless steel on request.
- Mechanical seal: Rotary face: carbon; stationary face: ceramic, silicon carbide can be used on request.

材料

- 泵体及电机前盖：铸铁
- 导流盘：尼龙塑料或ABS
- 叶轮：尼龙塑料，铜或不锈钢
- 电机壳：铝合金
- 轴：45# 钢或不锈钢。
- 机械密封件：动环：石墨；静环：陶瓷+NBR 丁晴橡胶，可选用碳化硅或硅橡胶。



SELF-PRIMING WATER PUMPS
自吸射流泵系列



MOTOR FEATURES

- Pump is coupled with induction motor directly.
- 2 poles with copper wire
- Insulation class: F
- Protection degree: IP44, IP 54 optional
- Built-in thermal protector for single phase motor

电机特性

- 电动机与水泵共轴直联
- 2极，铜线电机
- 绝缘等级：F
- 防护等级：IP44，可选做IP54。
- 单相电机：内置热保护器

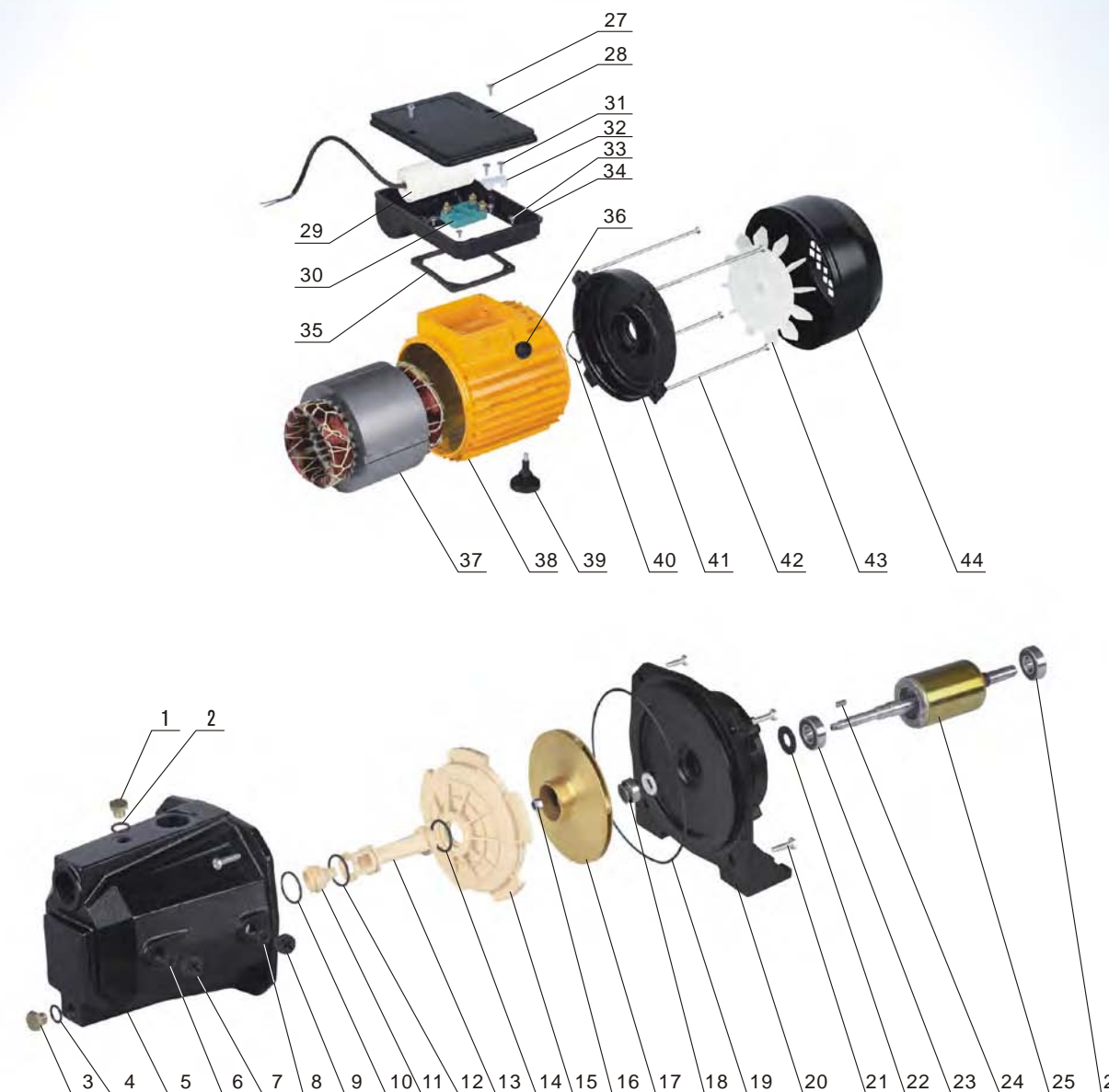
FEATURE AND APPLICATION

Jet water pump provides a median Capacity at a higher Head. The change of its power needing is smooth while the Head change from the lowest to the highest. So it is more reliable to use. The construction is simple and easy to maintain. It is suitable for gardening, water supply, washing, increase water pressure, etc. It is usually combined with a pressure switch and a surge tank to be used as a Domestic Water System for distributing water.

特性及应用

JET泵提供中等的流量及较高的扬程。当扬程从最高到最低区间，其所需的功率的变化不大，故其使用十分可靠。其结构简单，维修方便。适用于庭院用水、供水、冲洗、增压等用途。通常可以与压力开关及缓冲罐等部件形成家用供水系统。可以用来输送清水、轻微的污水或其它不具侵蚀性的液体。

自吸射流泵分解图
EXPANDED DIAGRAM
SELF-PRIMING PUMPS



图表DIAGRAM

No.	名称 DESCRIPTION	No.	名称 DESCRIPTION	No.	名称 DESCRIPTION	No.	名称 DESCRIPTION
1	注水气钉 (Filling Plug)	12	O型圈 (O Ring)	23	轴承 (Bearing)	34	接线盒座 (Terminal base)
2	O型圈 (O Ring)	13	射流管 (Venturi)	24	平键 (Key)	35	橡胶垫片 (Washer)
3	放水气钉 (Drain Plug)	14	O型圈 (O Ring)	25	转子 (Rotor)	36	出线套 (Cable Sleeve)
4	O型圈 (O Ring)	15	导流盘 (Diffuser)	26	轴承 (Bearing)	37	定子线圈 (Coil Stator)
5	泵体 (Pump Body)	16	螺母 (Nut)	27	十字自攻螺钉 (Screw)	38	机壳 (Motor Housing)
6	O型圈 (O Ring)	17	叶轮 (Impeller)	28	接线盒盖 (Terminal cover)	39	底脚 (Support)
7	压力表气钉 (Gauge Plug)	18	密封件 (M.Seal)	29	运转电容器 (Running Capacitor)	40	波形垫片 (Spring Ring)
8	O型圈 (O Ring)	19	O型圈 (O Ring)	30	接线板 (Terminal board)	41	后端盖 (End Cover)
9	压力开关气钉 (Swith Plug)	20	前端盖 (Front Cover)	31	十字自攻螺钉 (Screw)	42	外六角穿钉 (Screw)
10	O型圈 (O Ring)	21	外六角螺栓 (Screw)	32	压线板 (Cable Holding)	43	风叶 (Fan)
11	喷嘴 (Nozzle)	22	挡水圈 (Drop Guard)	33	十字螺钉 (Screw)	44	风罩 (Fan Cover)

JET-S 系列自吸射流泵

SERIES SELF-PRIMING PUMPS



JET-S series self-priming pumps can be used to transfer clean water or other similar water in physical and chemical properties. It is suitable for industrial use and urban water supply, domestic water supply, high rise building, long distance water transfer and related auxiliary equipment ect.

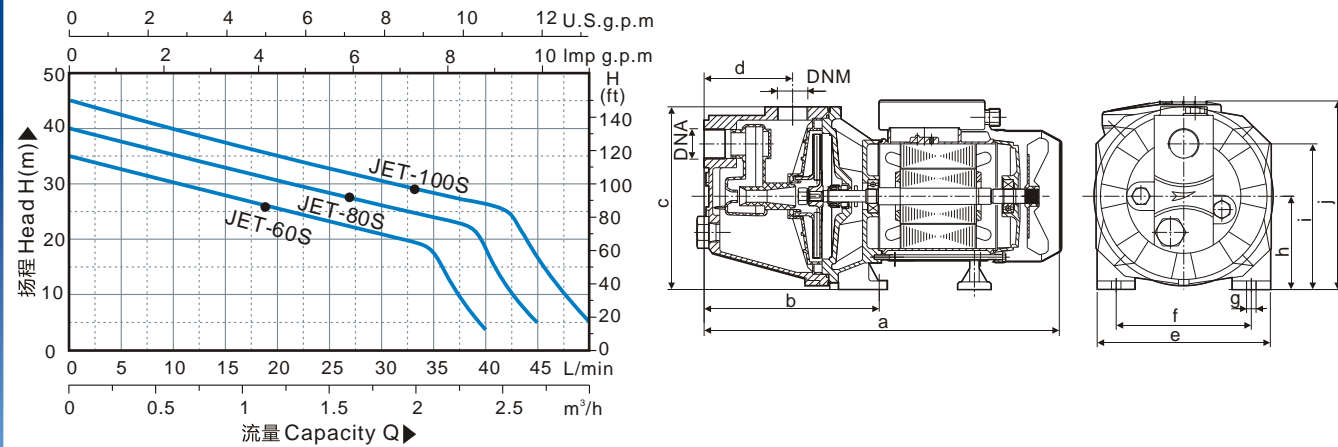
JET-S 系列自吸射流泵，主要用于输送清水和其他与水性质类似的液体，适用于工业和城市供水、高层建筑增压、园林灌溉、长途水输送和配套设施等

WORKING CONDITIONS

- Max Temperature of Fluid up to +40°C
- Max Pressure 8bar
- Max Ambient Temperature up to 40°C

工作条件：

- 最高流体温度为40°C
- 最大可承受的压力8bar
- 最高环境温度40°C



技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q.max (l/min)	最高扬程 H.max (m)	最大吸程 S.Head (M)	转速 Speed (r/min)	流量 Capacity(l/min)														
	KW	HP						0	5	10	15	20	25	30	35	40	45	50				
JET-60S	0.37	1/2	2.6	40	35	9	2850	总扬程 Total head(m)	35	32	30	27	25	23	20.5	17	4					
JET-80S	0.55	3/4	3.6	45	40	9			40	38	35	33	30	28	26	24	19	5				
JET-100S	0.75	1	4.8	50	45	9			45	42	39	37	35	32	30	28	26	16	5			

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz, 380V/50Hzets. Models are available on request
备注: 可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz等电压频率

安装尺寸 DIMENSIONS

型号 TYPE	外形尺寸 Dimensions(mm)												包装尺寸 PackingSize (mm)			毛重 G.W KG	包装数量 Packing QTY. 20'柜(Cont)		
	进口 DNA		出口 DNM		a	b	c	d	e	f	g	h	i	j	L			W	H
	inch	mm	inch	mm															
JET-60S	1"	25	1"	25	382	177	188	91	182	138	10	104	151	195	415	215	230	13.2	1400
JET-80S	1"	25	1"	25	382	177	188	91	182	138	10	104	151	195	415	215	230	14	1400
JET-100S	1"	25	1"	25	382	177	188	91	182	138	10	104	151	195	415	215	230	14.8	1350

JET-L 系列自吸射流泵

SERIES SELF-PRIMING PUMPS



JET-L series self-priming pumps can be used to transfer clean water or other similar water in physical and chemical properties. It is suitable for industrial use and urban water supply, domestic water supply, high rise building, long distance water transfer and related auxiliary equipment ect.

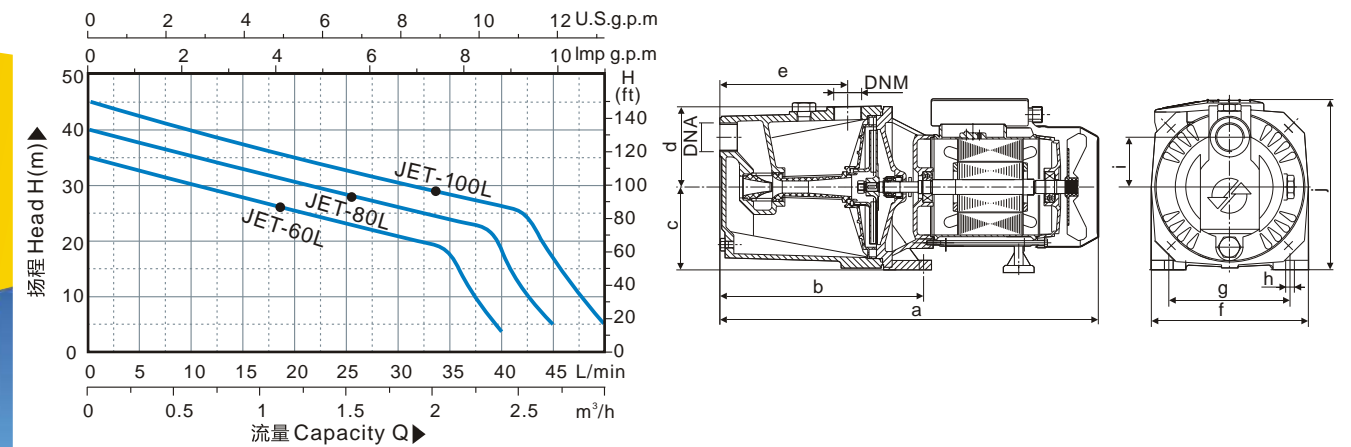
JET-L 系列自吸射流泵，主要用于输送清水和其他与水性质类似的液体，适用于工业和城市供水、高层建筑增压、园林灌溉、长途水输送和配套设施等

WORKING CONDITIONS

- Max Temperature of Fluid up to +40°C
- Max Pressure 8bar
- Max Ambient Temperature up to 40°C

工作条件：

- 最高流体温度为40°C
- 最大可承受的压力8bar
- 最高环境温度40°C



技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q.max (l/min)	最高扬程 H.max (m)	最大吸程 S.Head (M)	转速 Speed (r/min)	流量 Capacity(l/min)														
	KW	HP						0	5	10	15	20	25	30	35	40	45	50				
JET-60L	0.37	1/2	2.6	40	35	9	2850	总扬程 Total head(m)	35	32	30	27	25	23	20.5	17	4					
JET-80L	0.55	3/4	3.6	45	40	9			40	38	35	33	30	28	26	24	19	5				
JET-100L	0.75	1	4.8	50	45	9			45	42	39	37	35	32	30	28	26	16	5			

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz, 380V/50Hzets. Models are available on request
备注: 可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz等电压频率

安装尺寸 DIMENSIONS

型号 TYPE	外形尺寸 Dimensions(mm)												包装尺寸 PackingSize (mm)			毛重 G.W KG	包装数量 Packing QTY. 20'柜(Cont)		
	进口 DNA		出口 DNM		a	b	c	d	e	f	g	h	i	j	L			W	H
	inch	mm	inch	mm															
JET-60L	1"	25	1"	25	426	238	90	94	150	199	139	11	57	195	490	215	230	15.5	1230
JET-80L	1"	25	1"	25	426	238	90	94	150	199	139	11	57	195	490	215	230	16.2	1230
JET-100L	1"	25	1"	25	426	238	90	94	150	199	139	11	57	195	490	215	230	16.8	1200

JET-P 系列自吸射流泵

SERIES SELF-PRIMING PUMPS



JET-P series self-priming pumps can be used to transfer clean water or other similar water in physical and chemical properties. It is suitable for industrial use and urban water supply, domestic water supply, high rise building, long distance water transfer and related auxiliary equipment ect.

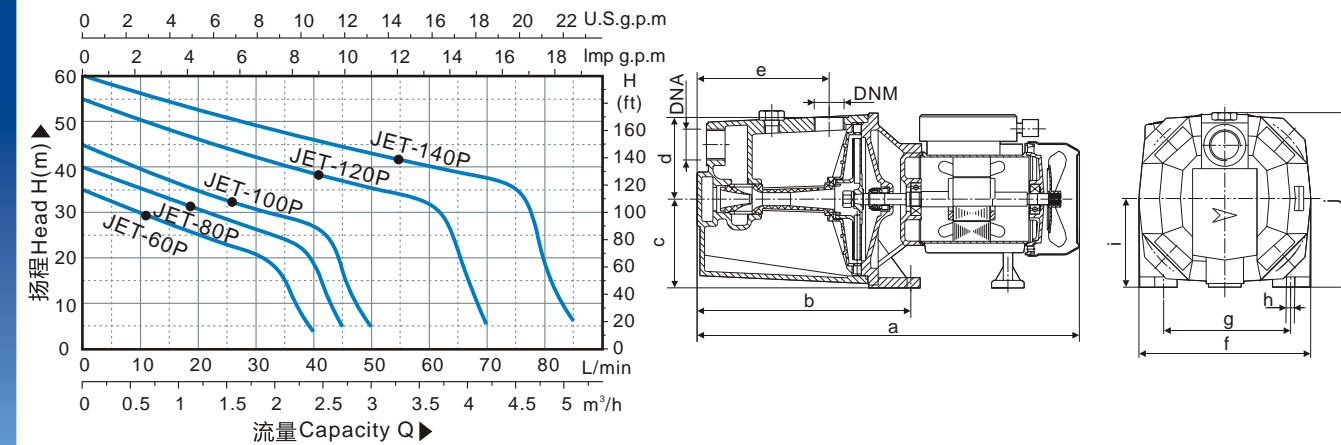
JET-P 系列自吸射流泵，主要用于输送清水和其他与水性质类似的液体，适用于工业和城市供水、高层建筑增压、园林灌溉、长途水输送和配套设施等。

WORKING CONDITIONS

- Max Temperature of Fluid up to +40°C
- Max Pressure 8bar
- Max Ambient Temperature up to 40°C

工作条件：

- 最高流体温度为40°C
- 最大可承受的压力8bar
- 最高环境温度40°C



技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q.max (l/min)	最高扬程 H.max (m)	最大吸程 S.Head (M)	转速 Speed (r/min)	流量 Capacity(l/min)																	
	KW	HP						0	5	10	15	20	30	40	50	60	70	80							
JET-60P	0.37	1/2	2.6	40	35	9	2850	总扬程 Total head(m)	35	32	30	27	25	20.5	4										
JET-80P	0.55	3/4	3.6	45	40	9			40	38	35	33	30	26	19										
JET-100P	0.75	1	4.8	50	45	9			45	42	39	37	35	30	26	5									
JET-120P	1.1	1 1/2	6.6	70	55	9			55	52	50	47	46	42	38	35	32	6							
JET-140P	1.5	2	8.8	85	60	9			60	57	56	54	52	39	45	42	40	37	20						

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz, 380V/50Hzets. Models are available on request

备注：可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz等电压频率

安装尺寸 DIMENSIONS

型号 TYPE	外形尺寸 Dimensions(mm)												包装尺寸 PackingSize (mm)			毛重 G.W KG	包装数量 Packing QTY 20'柜(Cont)		
	进口 DNA		出口 DNM		a	b	c	d	e	f	g	h	i	j	L			W	H
	inch	mm	inch	mm															
JET-60P	1"	25	1"	25	427	235	100	90	140	178	135	10	100	198	475	215	230	15	1250
JET-80P	1"	25	1"	25	427	235	100	90	140	178	135	10	100	198	475	215	230	15.8	1250
JET-100P	1"	25	1"	25	427	235	100	90	140	178	135	10	100	198	475	215	230	16.5	1200
JET-120P	1"	25	1"	25	550	420	120	80	150	235	200	12	120	258	580	255	330	36	500
JET-140P	1"	25	1"	25	550	420	120	80	150	235	200	12	120	258	580	255	330	38	500

JSP 系列自吸射流泵

SERIES SELF-PRIMING PUMPS



JSP series self-priming pumps can be used to transfer clean water or other similar water in physical and chemical properties. It is suitable for industrial use and urban water supply, domestic water supply, high rise building, long distance water transfer and related auxiliary equipment ect.

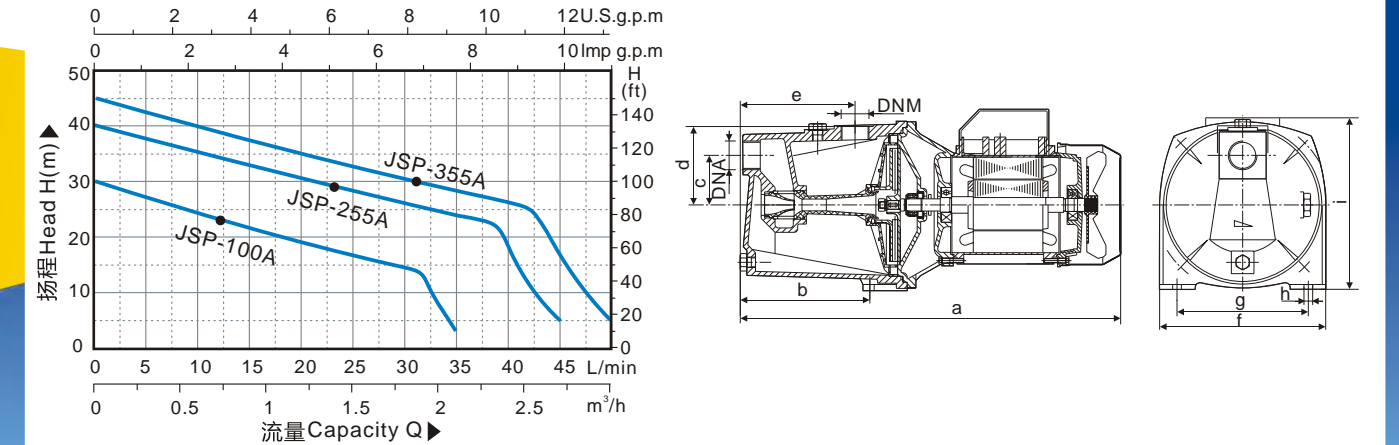
JSP 系列自吸射流泵，主要用于输送清水和其他与水性质类似的液体，适用于工业和城市供水、高层建筑增压、园林灌溉、长途水输送和配套设施等。

WORKING CONDITIONS

- Max Temperature of Fluid up to +40°C
- Max Pressure 8bar
- Max Ambient Temperature up to 40°C

工作条件：

- 最高流体温度为40°C
- 最大可承受的压力8bar
- 最高环境温度40°C



技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q.max (l/min)	最高扬程 H.max (m)	最大吸程 S.Head (M)	转速 Speed (r/min)	流量 Capacity(l/min)															
	KW	HP						0	5	10	15	20	25	30	35	40	45	50					
JSP-100A	0.37	1/2	2.6	35	30	9	2850	总扬程 Total head(m)	30	26	24	21	19	16	15	3							
JSP-255A	0.55	3/4	3.6	45	40	9			40	38	35	33	30	28	26	24	19	5					
JSP-355A	0.75	1	4.8	50	45	9			45	42	39	37	35	32	30	28	26	16	5				

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz, 380V/50Hzets. Models are available on request

备注：可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz等电压频率

安装尺寸 DIMENSIONS

型号 TYPE	外形尺寸 Dimensions(mm)												包装尺寸 PackingSize (mm)			毛重 G.W KG	包装数量 Packing QTY 20'柜(Cont)	
	进口 DNA		出口 DNM		a	b	c	d	e	f	g	h	i	L	W			H
	inch	mm	inch	mm														
JSP-100A	1"	25	1"	25	382	132	45	71	122	157	124	10	176	410	185	220	12.2	1600
JSP-255A	1"	25	1"	25	432	148	57	88	130	191	145	10	208	480	215	230	16.2	1230
JSP-355A	1"	25	1"	25	432	148	57	88	130	191	145	10	208	480	215	230	16.8	1200

SP 系列自吸射流泵

SERIES SELF-PRIMING PUMPS



Stainless steel pump body SP series self-priming electric pumps, equipped with waterproof plug & power cord and watertight switch, it is suitable for gardening, water supply, washing, increase water pressure, etc. It is usually combined with a pressure switch and a surge tank to be used as a Domestic Water System for distributing water.

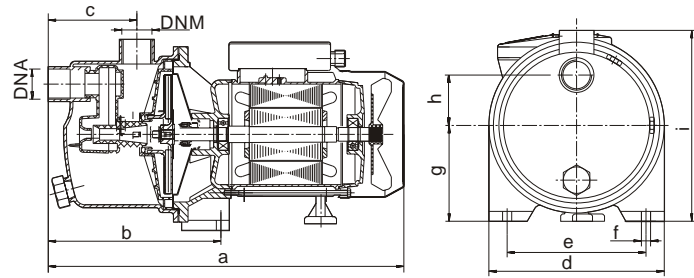
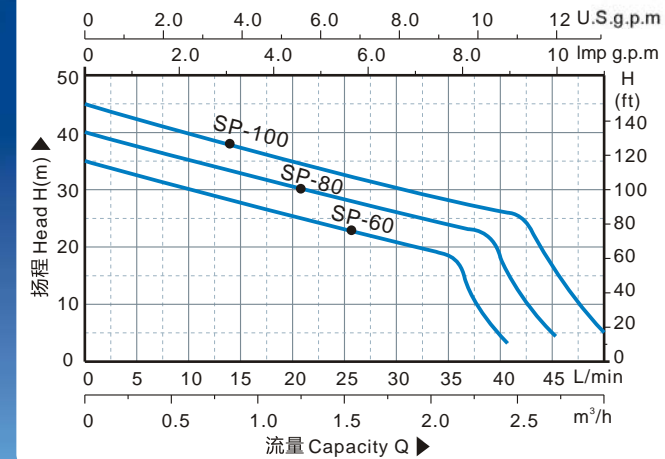
不锈钢自吸泵SP系列采用防水插头及防水开关。广泛应用于家用及民用领域。可用于楼房的自动给水，井中取水，小规模灌溉，园艺用水及喷泉等。也可用于装配成自动供水。

WORKING CONDITIONS

- Max Temperature of Fluid up to +40°C
- Max Pressure 8bar
- Max Ambient Temperature up to 40°C

工作条件：

- 最高流体温度为40°C
- 最大可承受的压力8bar
- 最高环境温度40°C



技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q.max (l/min)	最高扬程 H.max (m)	最大吸程 S.Head (M)	转速 Speed (r/min)	流量 Capacity(l/min)														
	KW	HP						0	5	10	15	20	25	30	35	40	45	50				
SP-60	0.37	1/2	2.6	42	35	9	2850	总扬程 Total head(m)	35	32	30	27	25	23	20.5	17	4					
SP-80	0.55	3/4	3.6	46	40	9			40	38	35	33	30	28	26	24	19	5				
SP-100	0.75	1	4.8	52	45	9			45	42	39	37	35	32	30	28	26	16	6			

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz, 380V/50Hz etc. Models are available on request
备注: 可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz等电压频率

安装尺寸 DIMENSIONS

型号 TYPE	外形尺寸 Dimensions(mm)											包装尺寸 Packing Size (mm)			毛重 G.W KG	包装数量 Packing QTY 20'柜(Cont)		
	进口 DNA		出口 DN		a	b	c	d	e	f	g	h	i	L			W	H
	inch	mm	inch	mm														
SP-60	1"	25	1"	25	373	190	95	196	96	11	105	56	188	420	215	230	9.5	1420
SP-80	1"	25	1"	25	373	190	95	196	96	11	105	56	188	420	215	230	10.5	1420
SP-100	1"	25	1"	25	373	190	95	196	96	11	105	56	188	420	215	230	11.5	1420

PP 系列自吸射流泵

SERIES SELF-PRIMING PUMPS



Plastic pump body PP series self-priming electric pumps, equipped with waterproof plug & power cord and watertight switch, it is suitable for gardening, water supply, washing, increase water pressure, etc. It is usually can be combined with a pressure switch and a surge tank to be used as a Domestic Water System for distributing water.

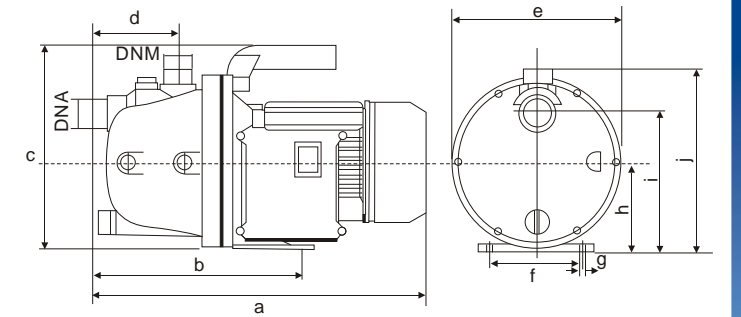
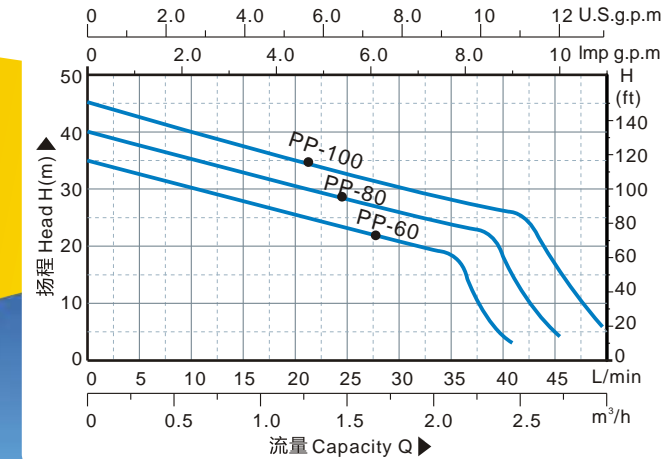
自吸泵PP系列采用塑料泵体，防水插头及防水开关。广泛应用于家用及民用领域。可用于楼房的自动给水，井中取水，小规模灌溉，园艺用水及喷泉等。也可用于装配成自动供水。

WORKING CONDITIONS

- Max Temperature of Fluid up to +40°C
- Max Pressure 8bar
- Max Ambient Temperature up to 40°C

工作条件：

- 最高流体温度为40°C
- 最大可承受的压力8bar
- 最高环境温度40°C



技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q.max (l/min)	最高扬程 H.max (m)	最大吸程 S.Head (M)	转速 Speed (r/min)	流量 Capacity(l/min)														
	KW	HP						0	5	10	15	20	25	30	35	40	45	50				
PP-60	0.37	1/2	2.6	42	35	9	2850	总扬程 Total head(m)	35	32	30	27	25	23	20.5	17	4					
PP-80	0.55	3/4	3.6	46	40	9			40	38	35	33	30	28	26	24	19	5				
PP-100	0.75	1	4.8	52	45	9			45	42	39	37	35	32	30	28	26	16	6			

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz, 380V/50Hz etc. Models are available on request
备注: 可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz等电压频率

安装尺寸 DIMENSIONS

型号 TYPE	外形尺寸 Dimensions(mm)											包装尺寸 Packing Size (mm)			毛重 G.W KG	包装数量 Packing QTY 20'柜(Cont)			
	进口 DNA		出口 DN		a	b	c	d	e	f	g	h	i	j			L	W	H
	inch	mm	inch	mm															
PP-60	1"	25	1"	25	360	190	198	95	194	96	9	105	160	208	410	215	230	9	1450
PP-80	1"	25	1"	25	360	190	198	95	194	96	9	105	160	208	410	215	230	10	1450
PP-100	1"	25	1"	25	360	190	198	95	194	96	9	105	160	208	410	215	230	11	1450

WORKING PRINCIPLE

Our deep well water pump comprise ejector unit and a centrifugal pump. In fact, the ejector unit is a Venturi system consisted of a tube and a nozzle. The ejector unit can be lowered in a 4" well connected to pump by two pipes. The total delivery produced by its centrifugal impeller is sent only partly to the outlet. The others water is circulated and jet through the nozzle in Venturi system, this speed flow lead the water in the well and deliver toward to the ground. Its deeper suction head come from the delivery head of ejector plus the suction head of centrifugal pump.

工作原理

深井泵由制品射流器及离心泵组成。实际上射流器是一文氏系统，由文氏管及喷嘴构成。射流器可以放入4"的深井中，由两个管子与泵联接。离心叶轮所泵出的流体只有一部份流出泵外，其余部份流体回流通过文氏系统喷嘴射出形成射流，该射流将井中的水引出到地面。该泵较深的吸程是由射流器的扬程及离心泵的吸程所组合而成的。

MATERIALS

- Pump casing and motor front cover: Cast iron
- Diffuser: Techno-polymer(PP.O)/ABS
- Impeller: Techno-polymer(PP.O), Brass or Stainless steel
- Motor casing: Aluminum alloy
- Shaft: 45# steel, stainless steel on request
- Mechanical seal: Rotary face: carbon; stationary face: ceramic, silicon carbide can be used on request

材料

- 泵体及电机前盖：铸铁
- 导流盘：尼龙塑料或ABS塑料
- 叶轮：尼龙塑料，铜或不锈钢
- 电机壳：铝合金
- 轴：45# 钢或不锈钢
- 机械密封件：动环：石墨；静环：陶瓷 + NBR丁晴橡胶，可选用碳化硅或硅橡胶。



SELF-PRIMING DEEP WELL WATER PUMPS
深井自吸泵系列



MOTOR FEATURES

- Pump is coupled with induction motor directly.
- 2 poles with copper wire
- Insulation class: F
- Protection degree: IP44, IP 54 optional
- Built-in thermal protector for single phase motor

电机特性

- 电动机与水泵共轴直联
- 2极，铜线电机
- 绝缘等级：F
- 防护等级：IP44，可选做IP54。
- 单相电机：内置热保护器

FEATURE AND APPLICATION

Deep well Jet water pump provides suction head up to 25m. The change of its needing power is smooth while the Head change from lowest to highest. So it is more reliable to use. It is suitable for water supply from a 4" well. It is usually combined with a pressure switch and a surge tank to be used as a Domestic Water System for distributing water. It is designed to pump clean water, or other non-aggressive fluids.

特性及应用

深井泵可提供深达25M的吸程。当扬程从最高到最低区间，其所需的功率的变化不大，故其使用十分可靠。其结构简单，维修方便。适用于从4"井中供水、冲洗、增压等用途。通常可以与压力开关及缓冲罐等部件形成家用供水系统。可以用来输送清水、轻微的污水或其它不具侵蚀性的液体。

深井射流泵分解图
EXPANDED DIAGRAM
SELF-PRIMING PUMPS



图表 DIAGRAM

No.	名称 DESCRIPTION	No.	名称 DESCRIPTION	No.	名称 DESCRIPTION	No.	名称 DESCRIPTION
1	注水气钉 (Filling Plug)	12	螺母 (Nut)	23	十字自攻螺钉 (Screw)	34	机壳 (Motor Housing)
2	O型圈 (O Ring)	13	叶轮 (Impeller)	24	接线盒盖 (Terminal cover)	35	波形垫片 (Spring Ring)
3	放水气钉 (Drain Plug)	14	密封件 (M.Seal)	25	运转电容器 (Running Capacitor)	36	后端盖 (End Cover)
4	O型圈 (O Ring)	15	O型圈 (O Ring)	26	接线板 (Terminal board)	37	外六角穿钉 (Screw)
5	泵体 (Pump Body)	16	前盖盖 (Front Cover)	27	压线板 (Cable Holding)	38	风叶 (Fan)
6	O型圈 (O Ring)	17	外六角螺栓 (Screw)	28	十字螺钉 (Screw)	39	风罩 (Fan Cover)
7	压力表气钉 (Gauge Plug)	18	挡水圈 (Drop Guard)	29	接线盒座 (Terminal base)	40	铜管 (Tube)
8	O型圈 (O Ring)	19	轴承 (Bearing)	30	橡胶垫片 (Washer)	41	射流管 (Venturi)
9	压力开关气钉 (Swith Plug)	20	平键 (Key)	31	出线套 (Cable Sleeve)	42	喷嘴 (Nozzle)
10	碗形垫片 (Washer)	21	转子 (Rotor)	32	定子线圈 (Coil Stator)	43	射流器 (Ejector)
11	导流盘 (Diffuser)	22	轴承 (Bearing)	33	底脚 (Support)	44	底阀 (Valve)

JETDP 系列深井自吸泵

SERIES SELF-PRIMING DEEP WELL PUMPS



DP self-priming deep-well pumps consist of an ejector unit and a centrifugal pump connected in series. The ejector unit can be lowered in a 4" diameter pipe of well. These pumps are suitable to convey clean water or non-aggressive chemical fluids, they are extremely reliable and simple to use and suitable for domestic applications, automatic distribution of water from small to medium size surge tanks and boosting systems. In order to grant a correct counter-pressure, it is always advisable to install a foot valve with a strainer on the suction nozzle.

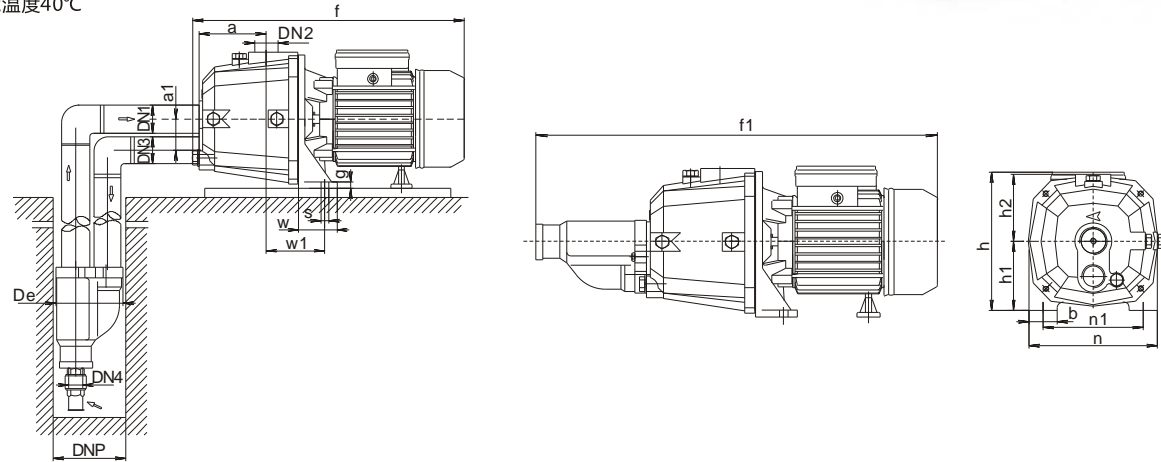
DP 系列自吸泵深井泵由射流装置及离心泵组成，射流装置可被放入直径为4"的机井中。可用于输送清水及不具腐蚀性的流体，可用于深井中抽水、并通过压力调节罐或压力控制部件进行自动供水。要求在其进水管的底部带有滤网的底阀。

WORKING CONDITIONS

- Max Temperature of Fluid up to +40°C
- Max Pressure 10bar,
- Max Ambient Temperature up to 40°C

工作条件：

- 最高流体温度为40°C
- 最大可承受的压力10bar
- 最高环境温度40°C



技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q.max l/min	最高扬程 H.max (m)	最大吸程 Such.max (m)	转速 Speed (r/min)	射流器 Enjector	Capacity L/min At discharge head m 扬程 M				
	KW	HP							10m	15m	25m	35m	40m
JETDP-370	0.37	1/2	2.6	25	25	15	2850	E20	30	25	16	10	5
JETDP-550	0.55	3/4	3.6	30	30	20		E20	35	30	17	15	10
JETDP-750	0.75	1	4.8	35	35	25		E20	45	40	30	20	15
JETDP-1100	1.1	1.5	6.6	40	55	20		E30	45	40	30	25	20
JETDP-1500	1.5	2	8.8	45	65	25		E30	50	45	35	30	25

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz, 380V/50Hzets. Models are available on request
备注: 可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz等电压频率

安装尺寸 DIMENSIONS

型号 TYPE	管径 Size (inch)			外形尺寸 Dimensions(mm)													包装尺寸 PackingSize (mm)	毛重 GW (kg)	包装数量 Packing QTY. 20'柜(Cont)			
	DN1	DN2	DN3	De	a	al	f	h	h1	h2	n	n1	w	w1	b	g				s	L	W
JETDP-370	1.25"	1"	1"	96	95	43	387	196	98	95	182	142	55	84	40	9	11	400	300	230	15	850
JETDP-550	1.25"	1"	1"	96	95	43	387	196	98	95	182	142	55	84	40	9	11	400	300	230	16.5	850
JETDP-750	1.25"	1"	1"	96	95	43	387	196	98	95	182	142	55	84	40	9	11	400	300	230	17	850
JETDP-1100	1.25"	1"	1"	96	51	43	395	258	110	147	198	145	-	117	65	12	12	535	250	300	26	700
JETDP-1500	1.25"	1"	1"	96	51	43	395	258	110	147	198	145	-	117	65	12	12	535	250	300	28	700

JDW 系列深井自吸泵

SERIES SELF-PRIMING DEEP WELL PUMPS



JDW self-priming deep-well pumps consist of an ejector unit and a centrifugal pump connected in series. The ejector unit can be lowered in a 4" diameter pipe of well. These pumps are suitable to convey clean water or non-aggressive chemical fluids, they are extremely reliable and simple to use and suitable for domestic applications, automatic distribution of water from small to medium size surge tanks and boosting systems. In order to grant a correct counter-pressure, it is always advisable to install a foot valve with a strainer on the suction nozzle.

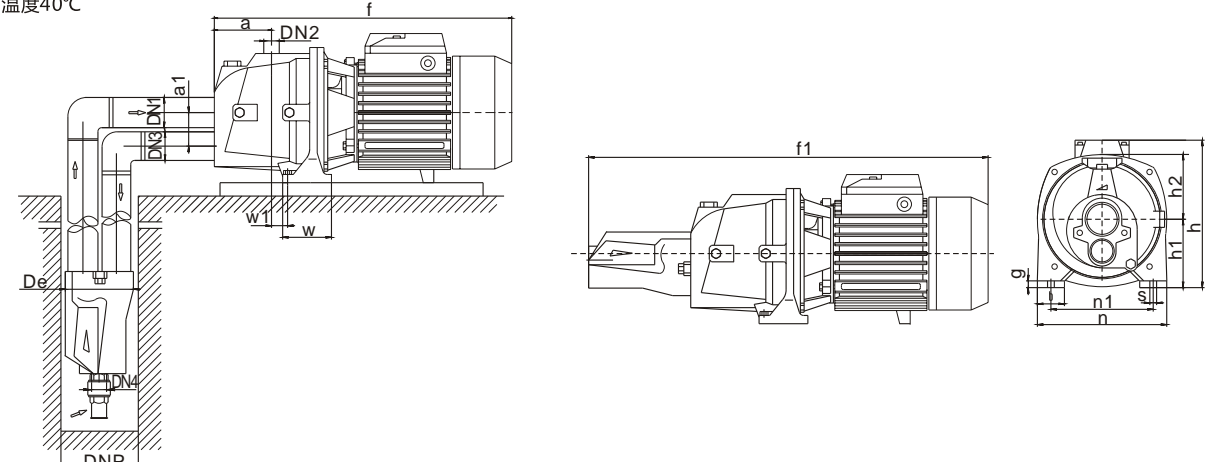
JDW 系列自吸泵深井泵由射流装置及离心泵组成，射流装置可被放入直径为4"的机井中。可用于输送清水及不具腐蚀性的流体，可用于深井中抽水、并通过压力调节罐或压力控制部件进行自动供水。要求在其进水管的底部带有滤网的底阀。

WORKING CONDITIONS

- Max Temperature of Fluid up to +40°C
- Max Pressure 10bar,
- Max Ambient Temperature up to 40°C

工作条件：

- 最高流体温度为40°C
- 最大可承受的压力10bar
- 最高环境温度40°C



技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q.max l/min	最高扬程 H.max (m)	最大吸程 Such.max (m)	转速 Speed (r/min)	射流器 Enjector	Capacity L/min At discharge head m 扬程 M				
	KW	HP							10m	15m	25m	35m	40m
JDW-370	0.37	1/2	2.6	20	25	15	2850	E20	30	25	16	10	5
JDW-550	0.55	3/4	3.6	25	30	20		E20	35	30	17	15	10
JDW-750	0.75	1	4.8	30	35	25		E20	45	40	30	20	15

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz, 380V/50Hzets. Models are available on request
备注: 可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz等电压频率

安装尺寸 DIMENSIONS

型号 TYPE	管径 Size (inch)			外形尺寸 Dimensions(mm)													包装尺寸 PackingSize (mm)	毛重 GW (kg)	包装数量 Packing QTY. 20'柜(Cont)			
	DN1	DN2	DN3	De	a	al	f	h	h1	h2	n	n1	w	w1	b	g				s	L	W
JDW-370	1.25"	1"	1"	96	75	46	374	206	97	87	190	149	45	24	40	11	10	435	300	230	15	850
JDW-550	1.25"	1"	1"	96	75	46	374	206	97	87	190	149	45	24	40	11	10	435	300	230	16.5	850
JDW-750	1.25"	1"	1"	96	75	46	374	206	97	87	190	149	45	24	40	11	10	435	300	230	17	850

AUTO 系列自动泵系统

SERIES AUTOMATIC BOOSTER SYSTEM



The automatic booster systems consist of a JET water pump, a pressure tank, an airtight pressure switch, a pressure gauge and a connecting flexible pipe. make the pump automatic more convenient to use. The pressure tank, equipped with a non-toxic rubber membrane, has been pre-filled with air pressure of approx 0.12 MPa before leaving the factory. These systems give suitable mains water pressure as required by modern domestic applications and industrial applications, and will ensure enough water to supply all user outlets. Most of the pumps included in our range of products can actually be used to form automatic booster systems.

WORKING CONDITIONS

- Max Temperature of Fluid up to +40°C
- Max Pressure 10bar
- Max Ambient Temperature up to 40°C

AUTO系列自动供水系统由射流泵, 压力罐, 压力开关, 压力表和一条软管组成, 使用十分方便。压力罐内装有一个无毒的橡胶隔膜, 出厂前已预注了0.12MPa压力的气体。适用于增加城市和工业的供水压力, 代替水塔从而实现自动供水并将确保所有用户足够的水供应。本公司大多数的水泵都可以组成自动供水系统。

工作条件:

- 最高流体温度为40°C
- 最大可承受的压力10bar
- 最高环境温度40°C

技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q.max (l/min)	最高扬程 H.max (m)	最大吸程 Such.max (m)	转速 Speed (r/min)	压力开关 Pressure Switch		总扬程 Total head(m)	流量 Capacity(l/min)								
	KW	HP						开 ON	关 OFF		0	10	20	25	30	35	40	50	
AUTOSP-60	0.37	1/2	2.6	42	35	9	2850	1.4 Bar	2.6 Bar	35	30	25	23	20.5	17	4			
AUTOSP-80	0.55	3/4	3.6	46	40	9					40	35	30	28	26	24	19		
AUTOSP-100	0.75	1	4.8	52	45	9					45	39	35	32	30	28	26	6	
AUTOJET-60S	0.37	1/2	2.6	40	35	9					35	30	25	23	20.5	17	4		
AUTOJET-80S	0.55	3/4	3.6	45	40	9					40	35	30	28	26	24	19		
AUTOJET-100S	0.75	1	4.8	50	45	9					45	39	35	32	30	28	26	5	

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz, 380V/50Hzets. Models are available on request
备注: 可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz等电压频率

AUJETDP 系列自动泵系统

SERIES AUTOMATIC DEEP WELL PUMP



AUJETDP series automatic supplying water systems combined with a centrifugal pump, a pressure tank, an airtight pressure switch, a pressure gauge, a nozzle, an ejector, The change of its needing power is smooth while the head change from lowest to highest, which is safe and reliable to use. It has higher power of self-priming, The maximum suction depth of the well is 30m. It is suitable for water supply from a 4" well to be used for modern domestic applications and industrial applications, and will ensure enough water to supply all user outlets.

WORKING CONDITIONS

- Max Temperature of Fluid up to +40°C
- Max Pressure 10bar
- Max Ambient Temperature up to 40°C

AUJETDP系列自动供水系统由离心泵、压力罐、压力开关、喷嘴、射流器组成。其压力从最小到最大所需要的功率变化不大, 故操作安全可靠具有较高的自吸能力, 最大自吸深度可达30米。适用于城市和工业从4寸井中供水压力的增加从而实现自动供水并将确保所有用户足够的水供应。

工作条件:

- 最高流体温度为40°C
- 最大可承受的压力10bar
- 最高环境温度40°C

技术参数 TECHNICAL DATA AT 220~240V/50Hz

型号 TYPE	输入功率 Input Power		电流 Current (A)	最大流量 Q.max (l/min)	最高扬程 H.max (m)	最大吸程 Such.max (m)	转速 Speed (r/min)	压力开关 Pressure Switch		连接管径 Pipe Diameter (inch)	包装尺寸 Packing Size (mm)	毛重 GW (kg)	包装数量 Packing QTY. 20'柜(Cont)
	KW	HP						开 ON	关 OFF				
AUJDW-370	0.37	1/2	2.6	20	25	15	2850	1.4 Bar	2.6 Bar	1.25"x1"x1"	435x300x230 Tank410x270x270	20	470
AUJDW-550	0.55	3/4	3.6	25	30	20				1.25"x1"x1"		21.5	470
AUJDW-750	0.75	1	4.8	30	35	25				1.25"x1"x1"		22	470
AUJETDP-370	0.37	1/2	2.6	25	25	15				1.25"x1"x1"	20	470	
AUJETDP-550	0.55	3/4	3.6	30	30	20				1.25"x1"x1"	21.5	470	
AUJETDP-750	0.75	1	4.8	35	35	25				1.25"x1"x1"	22	470	
AUJETDP-1100	1.1	1.5	6.6	40	55	20			1.25"x1"x1"	535x250x300	31	420	
AUJETDP-1500	1.5	2	8.8	45	65	25			1.25"x1"x1"	Tank410x270x270	33	420	

Note: 110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz, 380V/50Hzets. Models are available on request
备注: 可以按要求生产110V/60Hz, 115V/60Hz, 127V/60Hz, 110/220V/60Hz等电压频率

FL 系列直流电动隔膜泵

SERIES DIAPHRAGM PUMPS

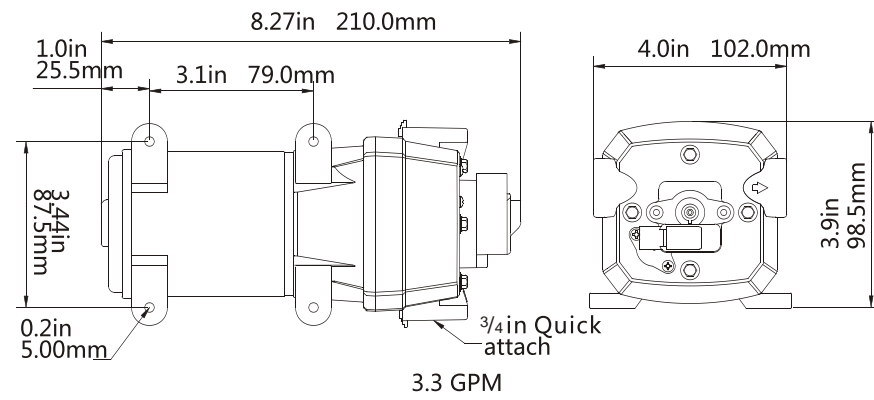


WORKING CONDITIONS

- Duty Cycle: Continuous operation
- Liquid Temperature: 140° F (60° C) Max.
- Priming Capabilities: 6 feet (1.8 m) suction lift
- Max Pressure: 70 PSI (4.8 bar)

工作条件:

- 工作周期: 连续性
- 可承受最高温度: 最高温140°F (60°C)
- 吸程: 吸程6英尺 (1.8米)
- 最大压力: 70磅/平方英寸 (4.8巴)



FEATURES & BENEFITS

- 4 chamber positive displacement diaphragm pump
- self priming
- Can run dry
- Quiet operation
- Can be adjust pressure switch
- Easy quickly connect fittings

特点和优势

- 4腔往复隔膜泵
- 带有自吸功能
- 可短时间干运转
- 低噪音
- 带可调压力开关
- 方便安装的快速接口

TYPICAL APPLICATIONS

- Agricultural Spraying
- General Industrial
- Automotive water supply system
- Marine water supply system
- RV water supply system

主要应用领域

- 农业喷雾配套
- 常规工业配套
- 汽车供水系统加压
- 游艇供水系统加压
- 房车供水系统加压

技术参数 TECHNICAL DATA

型号 TYPE	电压 Volt (V)	开口流量 Open Flow (lpm/gpm)	压力 Pressure (psi/bar)	最大电流 Max Draw (A)	包装尺寸 Packing Size (mm)	净重 N.W
FL-30	12	10.0/2.7	17/1.2	4.5	355x133x110	1.8
FL-31	24	10.0/2.7	17/1.2	2.0	355x133x110	1.8
FL-35	12	12.5/3.3	35/2.4	8.0	355x133x110	1.8
FL-34	24	12.5/3.3	35/2.4	4.0	355x133x110	1.8
FL-40	12	17.0/4.5	40/2.8	15.0	355x133x110	2.3
FL-44	24	17.0/4.5	40/2.8	6.0	355x133x110	2.3

Note: 110V/220V AC are available on request
备注: 可以按要求生产交流 110V, 220V

MP 系列直流污水泵

SERIES MACERATOR PUMP

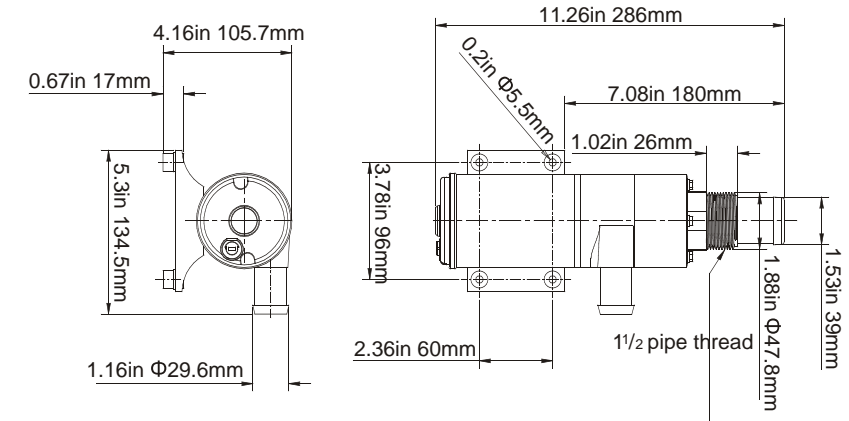


WORKING CONDITIONS

- Duty Cycle: Intermittent
- Liquid Temperature: 140° F (60° C) Max.
- Priming Capabilities: Not needed flooded suction
- Max Pressure: Not needed
- Power: 12 amps max current draw

工作条件:

- 工作周期: 间歇式
- 可承受最高温度: 最高温140°F (60°C)
- 吸程: 不需要完全淹没
- 最大压力: 无需
- 功率: 最大电流12安



FEATURES & BENEFITS

- Dual Blade and Housing
- Seamless Shell Design
- Thermally Protected Motor
- High Quality Efficient Motor
- No Allow Run Dry

特点和优势

- 双刀设计
- 和合理的泵体结构
- 无缝外壳设计
- 电机带热保护器
- 优质高效电机
- 不可以干运转

TYPICAL APPLICATIONS

- RV & Campers
- Boats & Mobile Kitchenware
- Industrial
- Marine

主要应用领域

- 房车&露营车
- 船用&移动厨房用具
- 工业
- 游艇

技术参数 TECHNICAL DATA

型号 TYPE	电压 Volt (V)	开口流量 Open Flow (lpm/gpm)	压力 Pressure (psi/bar)	最大电流 Max Draw (A)	包装尺寸 Packing Size (mm)	净重 N.W
MP4500-12	12	45.0/12.0	No	12.0	355x133x110	1.8
MP4500-24	24	45.0/12.0	No	7.0	355x133x110	1.8

FIP 自吸舱底泵

SERIES SELF-PRIMING BILGE PUMPS

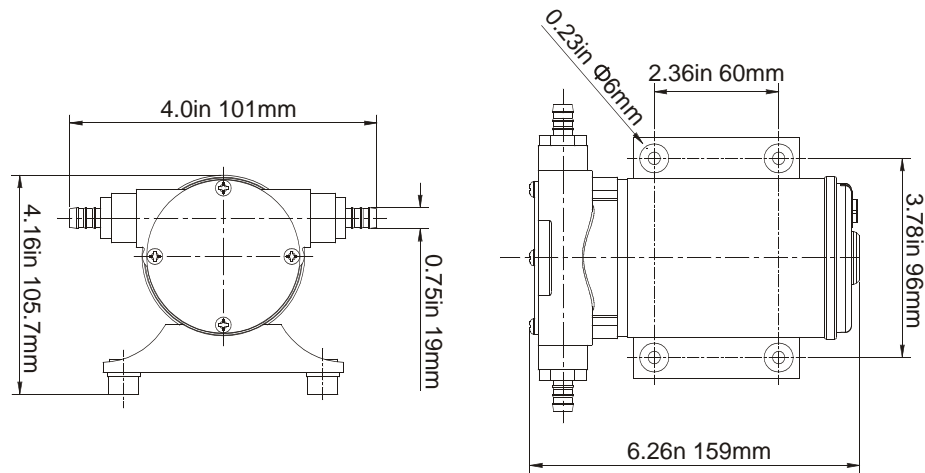


WORKING CONDITIONS

- Duty Cycle: Intermittent
- Liquid Temperature: 140°F (60°C) Max.
- Priming Capabilities: 4 feet (1.2 m) suction lift
- Max Pressure: 3 m (9.8 ft)
- Power: 10 amps max current draw

工作条件：

- 工作周期: 间歇式
- 可承受最高温度: 最高温140°F (60°C)
- 吸程: 吸程4英尺 (1.2米)
- 最大压力: 3米 (9.8英尺)
- 功率: 最大电流10安



FEATURES & BENEFITS

- Seamless Shell Design
- Thermally Protected Motor
- High Quality Efficient Motor
- Self-priming
- Stainless Steel Shaft

特点和优势

- 无缝外壳设计
- 电机带热保护器
- 优质高效电机
- 自吸
- 不锈钢轴

TYPICAL APPLICATIONS

- Extreme duty
- Boats
- Industrial use

主要应用领域

- 特殊工作环境
- 船舶
- 工业领域

技术参数 TECHNICAL DATA

型号 TYPE	电压 Volt (V)	开口流量 Open Flow (lpm/gpm)	最高扬程 Max.Lift (m)	最大电流 Max Draw (A)	包装尺寸 Packing Size (mm)	净重 N.W
FIP3200-12	12	30.0/8.0	3	10.0	215x135x110	2.38
FIP3200-24	24	30.0/8.0	3	7.0	215x135x110	2.38

FL 系列游艇压力罐供水系统

SERIES WATER BOOSTER SYSTEM

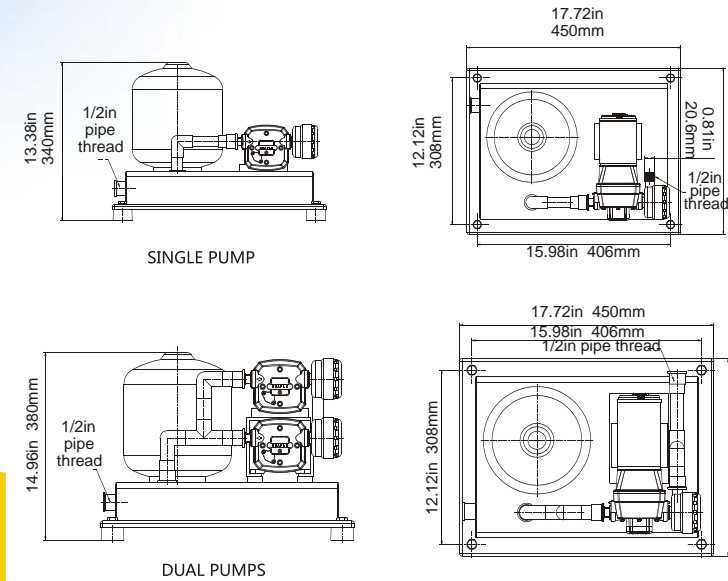


WORKING CONDITIONS

- Duty Cycle: Intermittent
- Liquid Temperature: 140°F (60°C) Max.
- Priming Capabilities: 6 feet (1.8 m) suction lift
- Max Pressure: 70PSI (4.8 bar)

工作条件：

- 工作周期: 间歇式
- 可承受最高温度: 最高温140°F (60°C)
- 吸程: 吸程6英尺 (1.8米)
- 最大压力: 70磅/平方英寸 (4.8巴)



FEATURES & BENEFITS

- Easy maintenance: inlet strainer with clear lid for inspection prevents debris from entering the pump
- 5 or 8 ltr Accumulator tank combines high capacity and compact size
- Easy installation: pre-mounted kit 4 screws and connect plumbing
- Moulded base drop in and fit one piece kit
- Connects directly to 15mm Quick Connect pipework. Suitable to connect to 1/2" flexible hose
- Includes long life pressure pumps
- Reduced noise and vibration by preventing pump cycling
- Combine pump and accumulator tank ensures a smooth even flow or water to all outlet

特点和优势

- 维修简便：配有过滤器可阻止碎片杂物进入泵里
- 配有5升和8升的压力罐，容量大，设计紧凑
- 安装简便：四个孔底座方便安装
- 可以垂直和水平安装
- 可直接连接到15毫米的快接管道，也适用于连接到1/2英寸软管
- 内含压力泵
- 通过防止泵内水循环降低噪声和振动
- 泵和压力罐结合能确保水平稳流出所有出口

TYPICAL APPLICATIONS

- Home & Garden
- Marine/RV
- Automotive
- Industrial

主要应用领域

- 居家&园艺
- 游艇/房车
- 汽车配套
- 工业

技术参数 TECHNICAL DATA

型号 TYPE	电压 Volt (V)	开口流量 Open Flow (lpm/gpm)	压力 Pressure (psi/bar)	最大电流 Max Draw (A)	最大电流 Max Draw (A)	包装尺寸 Packing Size (mm)	净重 N.W
FL-35H	12	12.5/3.3	35/2.4	8	1.3/5.0	510X510X350	9.5
FL-40H	24	17.0/4.5	40/2.8	15	2.1/8.0	510X510X350	9.5
FL-35D	12	25.0/6.6	35/2.4	8	2.1/8.0	510X510X400	11.6
FL-40D	24	34.0/9.0	40/2.8	15	2.1/8.0	510X510X400	11.6
FL-70H	12	25.8/6.8	70/4.8	16	2.1/8.0		
FL-70H	24	25.8/6.8	70/4.8	8	2.1/8.0		

Note: 110V/220V AC are available on request
 备注：可以按要求生产交流 110V, 220V

GASOLINE GENERATOR SET



FEATURES

- OHV 4-stroke Engine, Provides high power, outstanding fuel economy.
- New type generator of 10% to 25% increased Output Power.
- large fuel tank for realize exceptionally long operating hours.

特性

- 顶置四冲程动力，提供高功率和出色的燃油经济性。
- 新型发电机的输出功率增加10%至25%。
- 大油箱提供了长时间的使用。

型号 Type	SH3200E(X)	SH3900E(X)	SH5300E(X)	SH7600E(X)
频率 Frequency(Hz)	50/60	50/60	50/60	50/60
额定输出 Rated Output(KVA)	2.2/2.5	2.8/3.2	3.8/4.4	5.6/6.5
最大输出 Max. Output(KVA)	2.6/3.2	3.3/3.9	4.7/5.3	6.5/7.6

OPITIONAL(可选)

- Voltage(电压): 110,220V,230V,240V,110/220V
- Engine(动力): HONDA, YAMAHA, KOHLER, SUBARU-ROBIN, CHINA Engine
- Socket(插座), Wheels System(轮子), Electric Start(电启动)

DIESEL GENERATOR SET



OPEN TYPE (开架式) Output (输出功率): 2~12KW

- Frame use square tube, more strong.
- Solid tyres, convenient to move.
- Hand function.
- 方管机架，更加牢固。
- 实心轮胎，方便移动。
- 手拉功能。



SILENT TYPE (静音式) Output (输出功率): 3~5KW

- New automatic voltage regulator ensures seteady voltage output.
- Low oil pressure alarm syster, which can shut down the engine automatically.
- Electric start system ensures rapid starts of the set.
- Integrated cabinet ensures the set running silently.
- 新型电压自动调节器保证了电压平衡输出。
- 低油压报警系统可自动关闭发动机
- 电启动方式保证了机组可快速启动。
- 整体式机柜保证机组静音运行。

WELDER GENERATOR SET



- A dual-use machine with excellent performance allows the customers low cost.
- With the features of easy arc striking with steady electric arc. and convenient adjustment of welding current, which allows easy operation.
- Stable-Arc 6-Phase Half Wave Current for Welding.
- Compact and Light Weight.

- 一机双用，性能卓越，理性的性价比，让用户享受到更多的经济实惠。
- 引弧容易，电弧稳定，焊机电流调节方便，让焊接操作更加得心应手。
- 采用6相半波整流，焊接稳定。
- 紧凑，重量轻。



HCW190



HCW200E



HWS145



HWS185



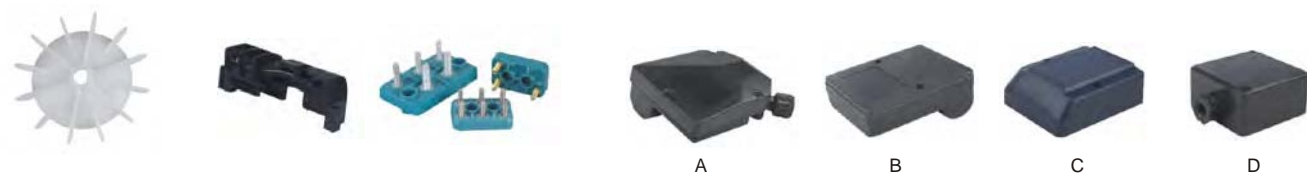
HWS205



HWS300

型号 Type	焊接电流 Amperage Range	焊接模式 Welding Model	焊条直径 Electrode Diameter
HCW190G(E)	CC/DC (Stick)	60--190A	1.5--5.0mm
HCW200G(E)		60--200A	1.5--5.0mm
HCW200D(E)		60--200A	1.5--5.0mm
MW130		40--130A	1.0--3.2mm
HWS145(E)		40--145A	1.0--3.2mm
HWS185(E)		55--185A	1.5--4.0mm
HWS205(E)		55--205A	1.5--5.0mm
HWS250		80--250A	2.0--6.0mm
HWS300		80--300A	2.0--6.0mm

Accessories 配件



Fan (plastic) Terminal board Terminal box (plastic) A B C D



Nozzle & Venturi Tube Impeller-1(Brass) Impeller-2(Brass) Impeller-3(PPO) Impeller-4 (Stainless steel)



Capacitor Bearing Mechanical seal Thermal Protector Centrifugal switch



MC/6 MR/6 Pressure switch-1 Pressure switch-2 Pressure switch-3 Pressure switch-4

On/off switch Pressure gauge Pressure switch



Pressure switch-5 High pressure switch-1 High pressure switch-2 Float control switch

Accessories 配件



Flexible Hose Float switch-1 Float switch-2 Membrane



Stainless steel Brass 3-way 4-way 5-way Ejector-1 Ejector-2



Vertical pressure tank without gasbag (2L) Vertical pressure tank with gasbag (2L) Vertical pressure tank with gasbag (8L,12L, 19L) Vertical pressure tank with gasbag (19L,24L)



Horizontal pressure tank with gasbag Vertical pressure tank with gasbag



Eu-1 Eu-2 SW-1 IT-1 BR-1 IS-2



AR-1 KO-2 SA-1 AU-1 AM-1 AM-2