



PROFESSIONAL WATER-PUMP MANUFACTURER

TAIZHOU **SHANYING**  
PUMP CO.,LTD



# COMPANY INTRODUCTION

Taizhou Shanying Pump Co., Ltd. is a collection enterprise of development, production, sales, service as one of the enterprises of valve and pump products. The company has a national -level B standard pump test center, and actively implements the ISO9001 quality assurance system.

Shanying products because of their quality, energy efficient, safe , reliable, affordable, favored by the users Our products are widely used in construction, fire safety, environmental protection, water supply and drainage, HVAC, petroleum, chemical, metallurgy , paper, electricity industry .

Shanying mainly produces vortex pump, centrifugal pump, self-priming pump, submersible pump, sewage pump, as well as deep well pump, etc. Modern enterprise quality management, high-tech professional technical team, first-class production and testing equipment are the strong pillars of product upgrading and quality reliability. With strong sales network and service system, the company's products get the initiative in the fierce competition of the market. With the company's staff worked hard, performance exponentially rapid growth.

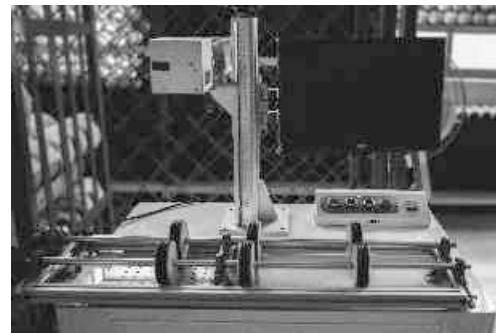
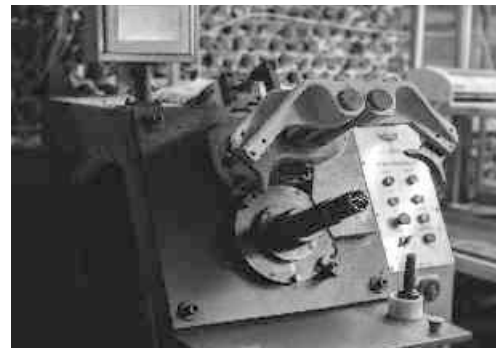
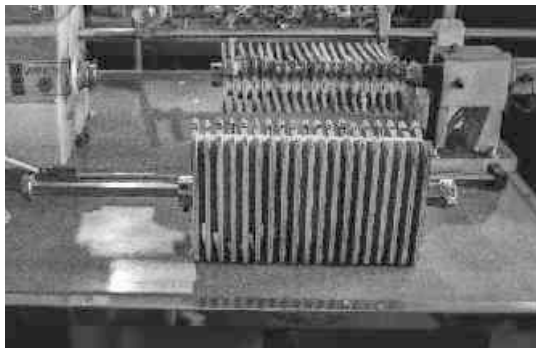
Shanying follows careful selection, excellent quality, strict management, good service as guiding to strive for the pump industry to produce better products and provide better services in good faith. In the manufacturing intentions and sincere service for the purpose, the company is willing to work together old and new friends and cooperate sincerely to jointly create new brilliance pump industry.



# Machinery Equipment



PROFESSIONAL WATER-PUMP MANUFACTURER



We Only Produce The Pump  
..... Which **People** Trust

Web: <http://m.tzsyby.webportal.cc>



**01-08**  
SD Submersible pumps Series



**19**  
IDB Peripheral Pumps Series



**27**  
GP125 Self-priming Peripheral Pumps



**09**  
130QJ8 Submersible pumps Series



**20**  
VP Peripheral Pumps Series



**28-30**  
CPM Centrifugal Pumps Series



**10-14**  
6SP Submersible pumps Series



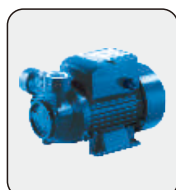
**21**  
PKM-D Peripheral Pumps Series



**31**  
DK Centrifugal Pumps Series



**15**  
4SK Peripheral Submersible Pumps Series



**22**  
LQ Peripheral Pumps Series



**32**  
CM Centrifugal Pumps Series



**16**  
QGD Submersible Screw Pumps Series



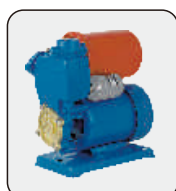
**23**  
PM16 Peripheral Pumps Series



**33**  
CK Centrifugal Pumps Series



**17**  
QB Peripheral Pumps Series



**24**  
PS Self-priming Peripheral Pumps



**34**  
CPF Centrifugal Pumps Series



**18**  
PKM Peripheral Pumps Series



**25-26**  
QSM-AX Small Self-priming Pumps



**35-36**  
GAM Centrifugal Pumps Series

# Contents



**37**  
NF Centrifugal Pumps Series



**53-54**  
JS Garden JET Pumps Series



**63-66**  
Y120QDX-S Oil Filled Type Stainless Steel Submersible Pump



**38**  
2CP Centrifugal Pumps Series



**55-56**  
WCP centrifugal pump



**67-68**  
Y120-SS Oil-Filled submersible pump



**39-40**  
MC Multi-stage Pumps Series



**57-58**  
BK Series pump



**69-70**  
Y120WQD-S Multistage oil-Filled submersible pump



**41-42**  
JSW Self-priming JET Pumps



**59**  
V(WQ-A) Submersible Pumps Series



**71-84**  
QDX Oil Filled Submersible Pump



**43**  
JSP Self-priming JET Pumps



**60**  
V1500F-CW Submersible Pumps Series



**85-86**  
Cutting pump Single Three phase sewage submersible pump by cutting



**44-49**  
JET Self-priming JET Pumps



**61**  
V1500F Submersible Pumps Series



**87-89**  
QX/WQ Sewage Submersible Pump



**50-52**  
DP Deep Well Self-priming JET Pumps



**62**  
V2200F Submersible Pumps Series



**90**  
QDS Submersible Pumps Series

# 3SD1

## Submersible pumps Series



PROFESSIONAL WATER-PUMP MANUFACTURER

### Typical Applications

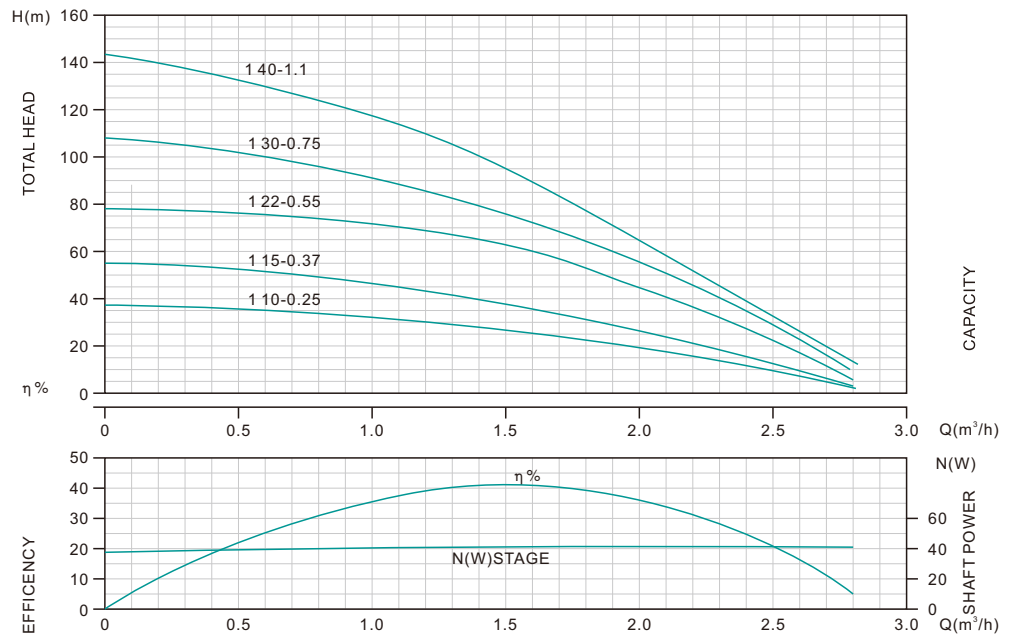
- Water supply system
- Booster
- Garden and Farm irrigation
- Lowering underground water level
- Various industrial applications

### Pump

- Qmax:2.8(m<sup>3</sup>/h)
- Capacity from 1 to 2(m<sup>3</sup>/h)
- Total head from 20 to 120(m)

### Motor

- Adopted the NEMA standard
- Continuous service
- Power: 0.25~1.1kw
- Insulation class:B
- Protection grade:IP68
- Maximum well diameter: Φ 80mm
- Highest temperature of liquid:40°C



### PERFORMANCE TABLE:

rpm:2850 Outlet:G1"~G1¼"

Type	Motor Power		Capacity and Head									Dimensions	
			l/min	0	8	17	25	30	33	42	47	Length	Weight
Single phase 220-240V 50Hz	kW	HP	m <sup>3</sup> /h	0	0.5	1	1.5	1.8	2	2.5	2.8	mm	kg
3SD1 10-0.25	0.25	0.33	Head (m)	38	36	33	28	23	20	10	4	747	7.75
3SD1 15-0.37	0.37	0.5		55	54	50	40	34	29	14	5	900	9.35
3SD1 22-0.55	0.55	0.75		79	78	72	58	50	42	20	7	1140	11
3SD1 30-0.75	0.75	1		108	105	93	76	64	57	27	10	1395	13.3
3SD1 40-1.1	1.1	1.5		144	132	120	91	76	60	35	13	1705	15.7

# 3SD2

Submersible pumps Series



PROFESSIONAL WATER-PUMP MANUFACTURER

### Typical Applications

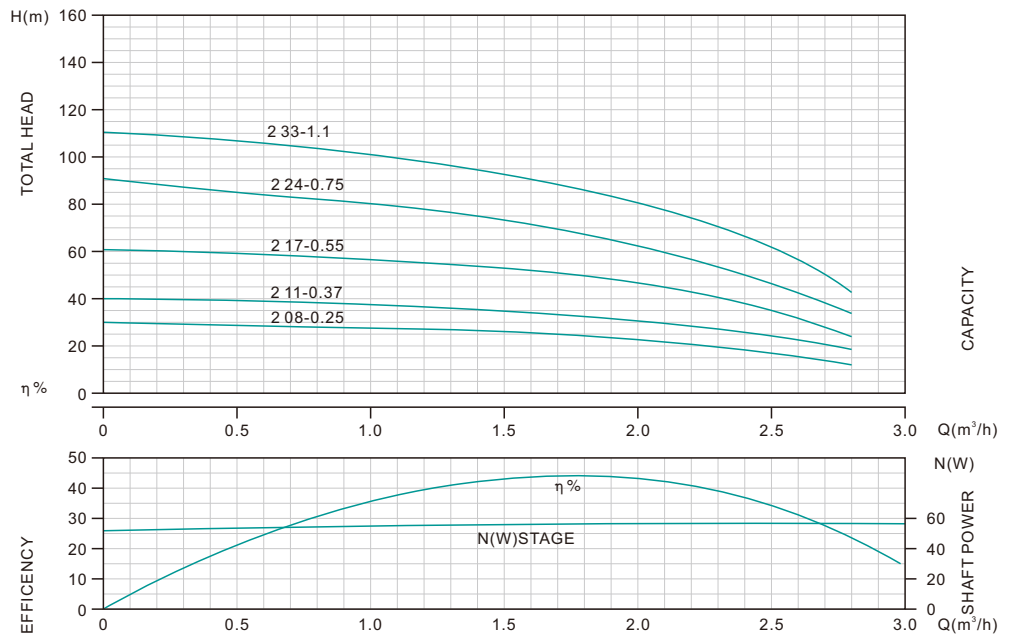
- Water supply system
- Booster
- Garden and Farm irrigation
- Lowering underground water level
- Various industrial applications

### Pump

- Qmax: 3.8(m<sup>3</sup>/h)
- Capacity from 1 to 2(m<sup>3</sup>/h)
- Total head from 22 to 101(m)

### Motor

- Adopted the NEMA standard
- Continuous service
- Power: 0.25~1.1kw
- Insulation class: B
- Protection grade: IP68
- Maximum well diameter:  $\Phi$  80mm
- Highest temperature of liquid: 40°C



### PERFORMANCE TABLE:

rpm:2850 Outlet:G1"~G1¼"

Type	Motor power		Capacity and Head									Dimensions	
			l/min	0	8	17	25	30	33	42	47	Length	Weight
Single phase 220-240V 50Hz	kW	HP	m <sup>3</sup> /h	0	0.5	1	1.5	1.8	2	2.5	2.8	mm	kg
3SD2 08-0.25	0.25	0.33	Head (m)	28	27	26	25	23	22	17	11	720	7.1
3SD2 11-0.37	0.37	0.5		39	37	36	34	32	30	24	15	828	8.2
3SD2 17-0.55	0.55	0.75		60	58	56	52	49	46	37	23	1054	9.8
3SD2 24-0.75	0.75	1		85	82	79	74	70	65	52	33	1316	11.9
3SD2 33-1.1	1.1	1.5		110	107	101	95	90	85	67	42	1604	14.2

# 3.5SD1

Submersible pumps Series



PROFESSIONAL WATER-PUMP MANUFACTURER

### Typical Applications

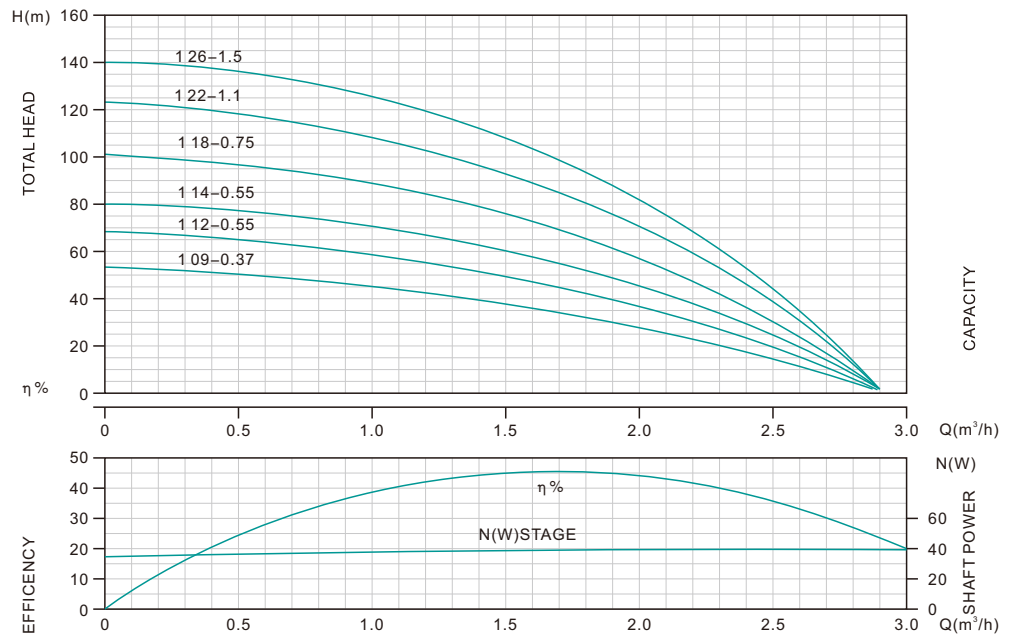
- Water supply system
- Booster
- Garden and Farm irrigation
- Lowering underground water level
- Various industrial applications

### Pump

- Qmax:2.8(m<sup>3</sup>/h)
- Capacity from 1 to 2(m<sup>3</sup>/h)
- Total head from 20 to 120(m)

### Motor

- Adopted the NEMA standard
- Continuous service
- Power: 0.37~1.5kw
- Insulation class:B
- Protection grade:IP68
- Maximum well diameter: Φ90mm
- Highest temperature of liquid:40°C



### PERFORMANCE TABLE:

rpm:2850 Outlet:G1"~G1¼"

Type	Motor power		Capacity and Head							Dimensions	
	kW	HP	l/min	0	8	13	17	25	33	Length	Weight
Single phase 220-240V 50Hz			m³/h	0	0.5	0.75	1	1.5	2	mm	kg
3.5SD1 09-0.37	0.37	0.5	Head (m)	50	49	47	45	38	29	724	10
3.5SD1 12-0.55	0.55	0.75		67	65	63	60	50	38	895	11
3.5SD1 14-0.55	0.55	0.75		78	76	75	70	59	45	920	12
3.5SD1 18-0.75	0.75	1		101	98	95	90	76	58	1039	13
3.5SD1 22-1.1	1.1	1.5		123	120	116	110	92	70	1188	14
3.5SD1 26-1.5	1.5	2		143	138	135	130	109	83	1323	16

# 3.5SD2

Submersible pumps Series



PROFESSIONAL WATER-PUMP MANUFACTURER

## Typical Applications

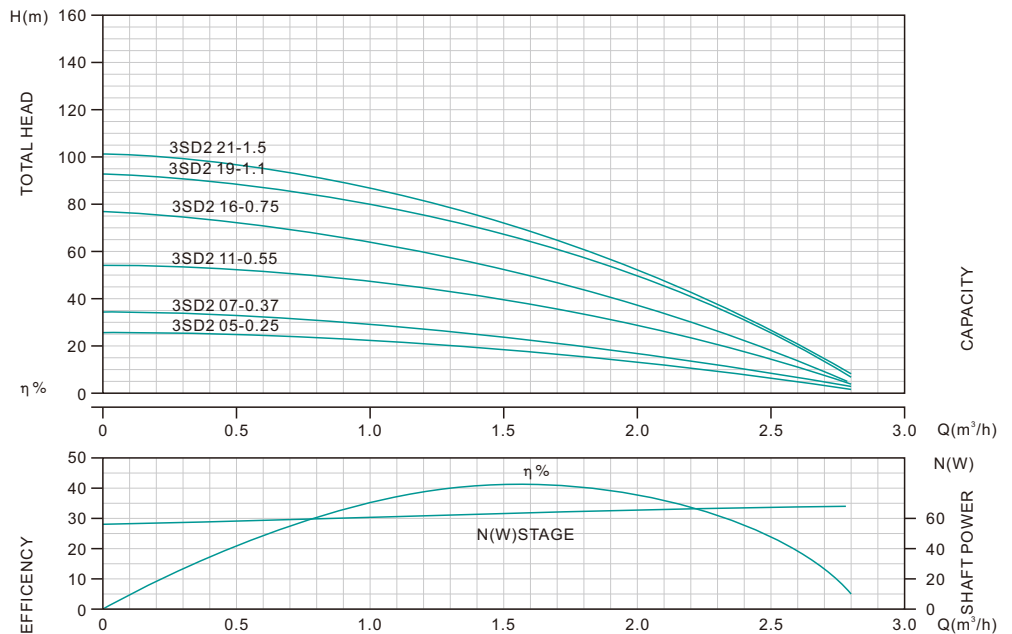
- Water supply system
- Booster
- Garden and Farm irrigation
- Lowering underground water level
- Various industrial applications

## Pump

- Qmax: 5.8(m<sup>3</sup>/h)
- Capacity from 2 to 3(m<sup>3</sup>/h)
- Total head from 20 to 91(m)

## Motor

- Adopted the NEMA standard
- Continuous service
- Power: 0.25~1.5kw
- Insulation class:B
- Protection grade:IP68
- Maximum well diameter: Φ90mm
- Highest temperature of liquid:40°C



## PERFORMANCE TABLE:

rpm:2850 Outlet:G1"~G1¼"

Type	Motor power		Capacity and Head												Dimensions	
			Single phase 220-240V 50Hz		Capacity and Head											
	kW	HP	l/min	0	8	17	25	33	42	50	58	66	75	93	mm	kg
3SD2 05-0.25	0.25	0.33	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5.6	644	8	
3SD2 07-0.37	0.37	0.5	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5.6	717	8.7	
3SD2 11-0.55	0.55	0.75	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5.6	898	10.5	
3SD2 16-0.75	0.75	1	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5.6	1063	11.9	
3SD2 19-1.1	1.1	1.5	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5.6	1185	13.6	
3SD2 21-1.5	1.5	2	0	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5.6	1303	15	

### Typical Applications

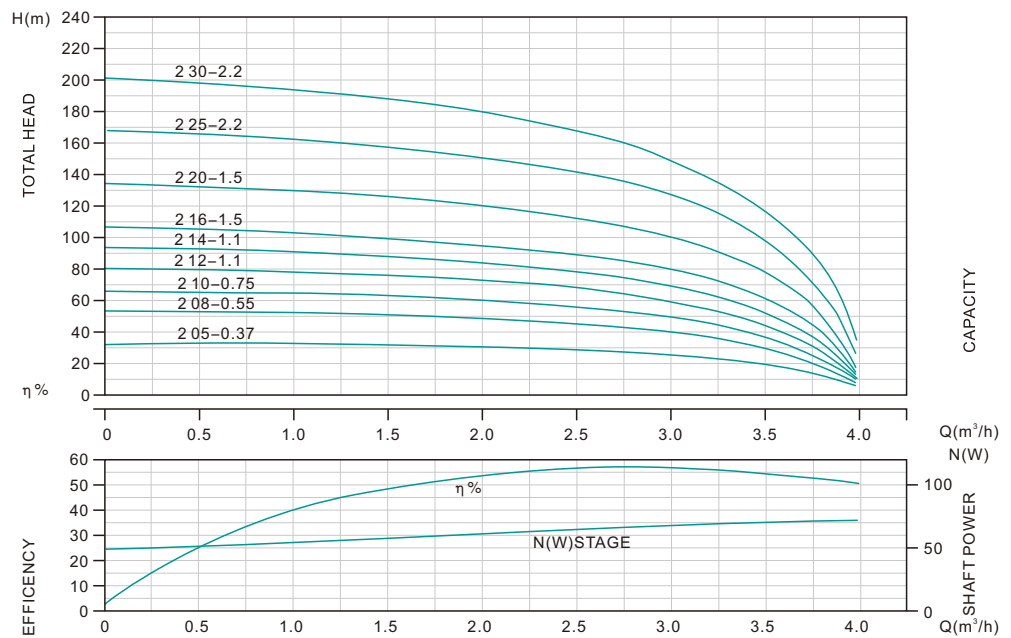
- Water supply system
- Booster
- Garden and Farm irrigation
- Lowering underground water level
- Various industrial applications

### Pump

- Qmax: 5.8(m<sup>3</sup>/h)
- Capacity from 2 to 3(m<sup>3</sup>/h)
- Total head from 20 to 91(m)

### Motor

- Adopted the NEMA standard
- Continuous service
- Power: 0.25~1.5kw
- Insulation class:B
- Protection grade:IP68
- Maximum well diameter: Φ 100mm
- Highest temperature of liquid:40°C



### PERFORMANCE TABLE:

rpm:2850 Outlet:G1¼"~G1½"

Type	Type	Motor power		Capacity and Head							Dimensions	
				l/min							Length	Weight
				0	17	25	33	42	50	67		
Single phase 220-240V 50Hz	Three phase 380-415V 50Hz	kW	HP	0	1	1.5	2	2.5	3	4	mm	kg
4SDM2 05-0.37		0.37	0.5	34	33	32	30	28	25	5	632	10.5
4SDM2 08-0.55		0.55	0.75	54	52	50	45	44	40	8	723	11.8
4SDM2 10-0.75		0.75	1	67	65	63	60	56	50	10	799	13.3
4SDM2 12-1.1	4SD212-1.1	1.1	1.5	81	78	76	70	67	60	12	870	14.5
4SDM2 14-1.1	4SD214-1.1	1	1.5	94	91	88	85	78	70	14	921	15.7
4SDM2 16-1.5	4SD216-1.5	1.5	2	108	104	101	100	90	80	16	997	16.2
4SDM2 20-1.5	4SD220-1.5	1.5	2	135	130	126	120	112	100	18	1099	18.0
4SDM2 25-2.2	4SD225-2.2	2.2	3	168	163	158	150	140	125	19	1252	20.2
4SDM2 30-2.2	4SD230-2.2	2.2	3	202	195	189	180	168	150	20	1379	21.4

# 4SD5

Submersible pumps Series



PROFESSIONAL WATER-PUMP MANUFACTURER

## Typical Applications

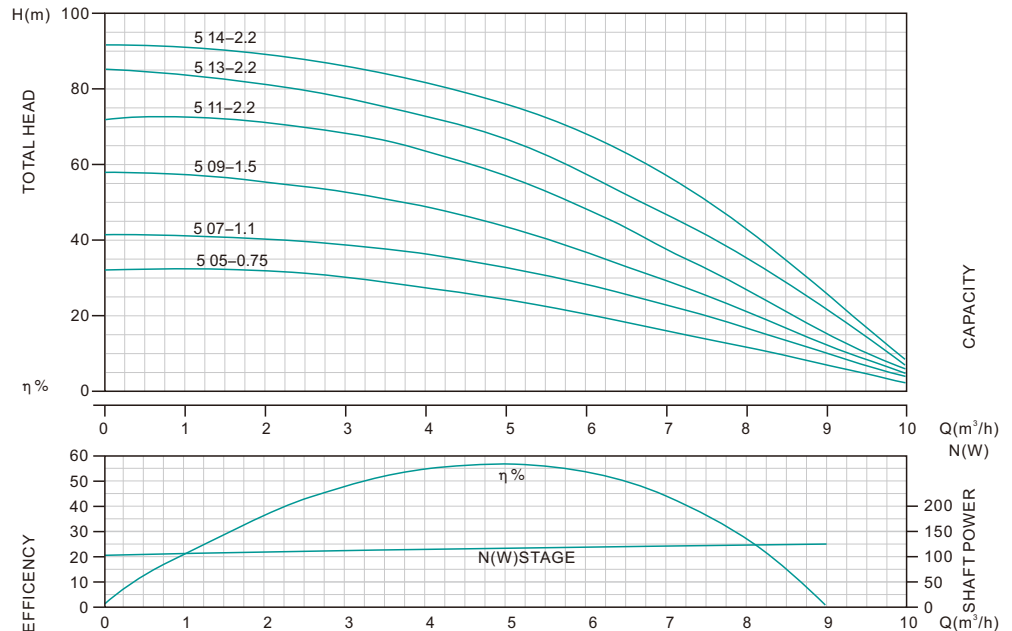
- Water supply system
- Booster
- Garden and Farm irrigation
- Lowering underground water level
- Various industrial applications

## Pump

- Qmax: 9(m<sup>3</sup>/h)
- Capacity from 4 to 6(m<sup>3</sup>/h)
- Total head from 2 to 92(m)

## Motor

- Adopted the NEMA standard
- Continuous service
- Power: 0.7~2.2kw(Single phase)
- Power: 1.1~2.2kw(Three phase)
- Insulation class:B
- Protection grade:IP68
- Maximum well diameter: Φ 100mm
- Highest temperature of liquid:40°C



## PERFORMANCE TABLE:

rpm:2850 Outlet:G1¼"~G1½"

Type	Type	Motor power		Capacity and Head							Dimensions		
				l/min							Length	Weight	
				0	67	83	100	117	133	150			
Single phase 220-240V 50Hz	Three phase 380-415V 50Hz	kW	HP	m <sup>3</sup> /h	0	4	5	6	7	8	9	mm	kg
4SDM5 05-0.75		0.75	1	Head (m)	33	28	25	21	16	9	2	735	13.7
4SDM5 07-1.1	4SD5 07-1.1	1.1	1.5		46	39	35	29	22	13	3	822	17.1
4SDM5 09-1.5	4SD5 09-1.5	1.5	2		59	50	45	37	28	16	4	914	18.9
4SDM5 11-2.2	4SD5 11-2.2	2.2	3		72	62	55	45	34	20	5	1044	19.7
4SDM5 13-2.2	4SD5 13-2.2	2.2	3		85	73	65	53	40	23	6	1111	23.4
4SDM5 14-2.2	4SD5 14-2.2	2.2	3		92	78	70	59	45	25	7	1235	24.2

# 4SD8

Submersible pumps Series



PROFESSIONAL WATER-PUMP MANUFACTURER

## Typical Applications

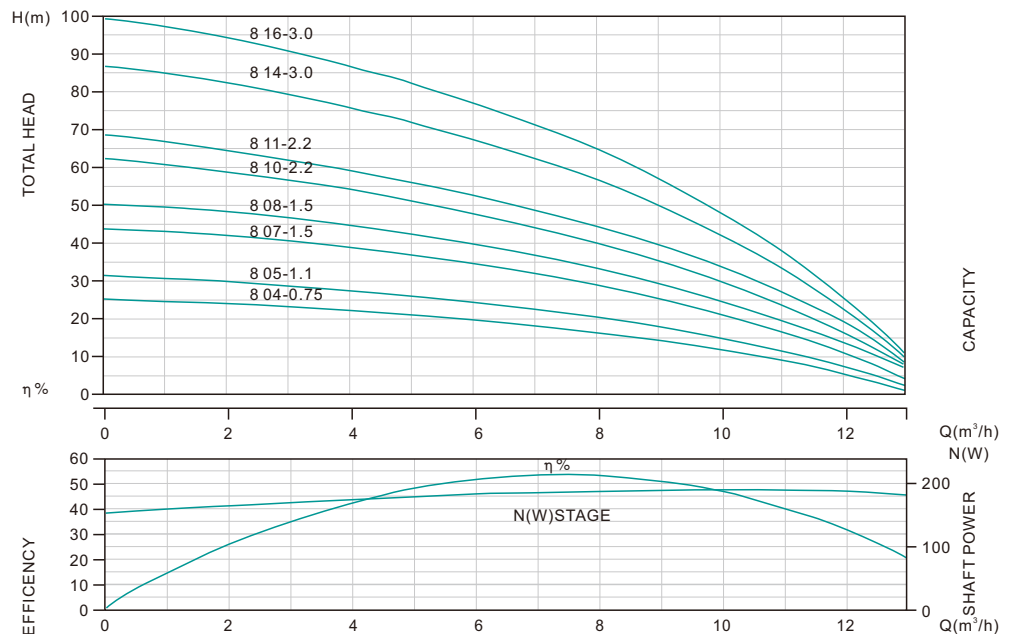
- Water supply system
- Booster
- Garden and Farm irrigation
- Lowering underground water level
- Various industrial applications

## Pump

- Qmax: 13(m<sup>3</sup>/h)
- Capacity from 6 to 10(m<sup>3</sup>/h)
- Total head from 12 to 78(m)

## Motor

- Adopted the NEMA standard
- Continuous service
- Power: 0.7~2.2kw(Single phase)
- Power: 1.1~3.0kw(Three phase)
- Insulation class:B
- Protection grade:IP68
- Maximum well diameter: Φ 100mm
- Highest temperature of liquid:40°C



## PERFORMANCE TABLE:

rpm:2850 Outlet:G1¼"~G1½"

Type	Type	Motor power		Capacity and Head						Dimensions		
				l/min	0		100		167		Length	Weight
					0	6	7	8	9	10		
4SDM8 04-0.75		0.75	1	Head (m)	25	19	18	16	14	12	809	118
4SDM8 05-1.1	4SD8 05-1.1	1.1	1.5		31	24	23	20	18	15	859	19
4SDM8 07-1.5	4SD8 07-1.5	1.5	2		43	34	32	29	25	21	983	21
4SDM8 08-1.5	4SD8 08-1.5	1.5	2		50	39	36	33	29	24	1033	22
4SDM8 10-2.2	4SD8 10-2.2	2.2	3		62	49	45	41	36	30	1157	24
4SDM8 11-2.2	4SD8 11-2.2	2.2	3		68	53	50	45	40	33	1207	25
	4SD8 14-3.0	3.0	4		87	68	63	57	50	42	1413	28
	4SD8 16-3.0	3.0	4		99	78	72	65	58	48	1512	32

# 4SD10

Submersible pumps Series



PROFESSIONAL WATER-PUMP MANUFACTURER

## Typical Applications

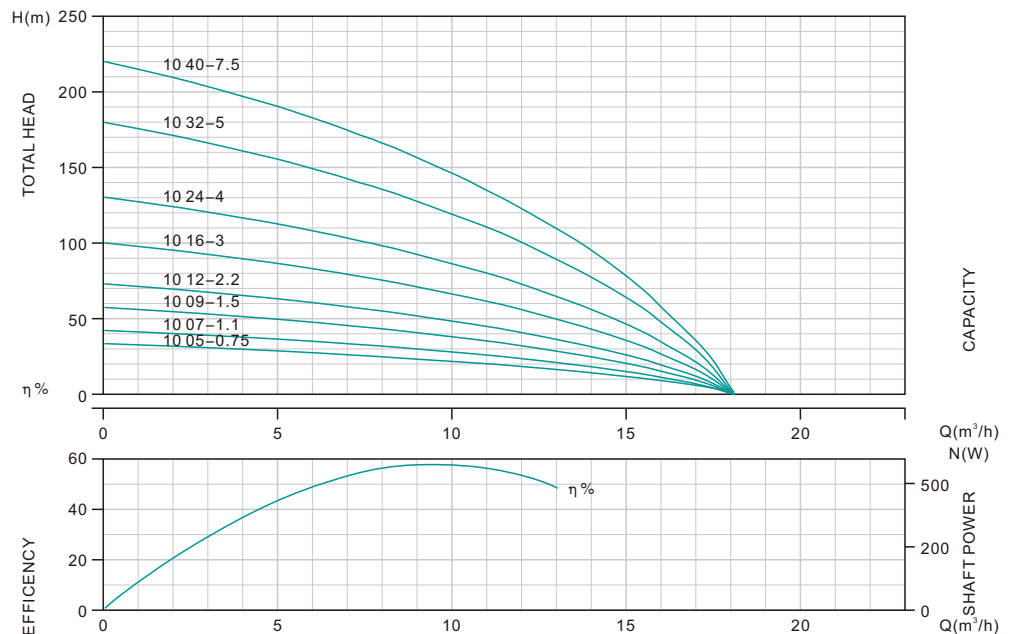
- Water supply system
- Booster
- Garden and Farm irrigation
- Lowering underground water level
- Various industrial applications

## Pump

- Qmax: 18(m<sup>3</sup>/h)
- Capacity from 7 to 13(m<sup>3</sup>/h)
- Total head from 185 to 15(m)

## Motor

- Adopted the NEMA standard
- Continuous service
- Power: 0.75~2.2kw(Single phase)
- Power: 1.1~4.0kw(Three phase)
- Insulation class:B
- Protection grade:IP68
- Maximum well diameter: Φ 100mm
- Highest temperature of liquid: 30°C



## PERFORMANCE TABLE:

rpm:2850

Type	Type	Motor power		Capacity and Head							Dimensions	
				l/min	0	117	133	167	200	217	Length	Weight
					0	7	8	10	12	13		
4SDM10 05-0.75		0.75	1	Head (m)	30	25	23	20	18	15	761	14
4SDM10 07-1.1	4SD10 07-1.1	1.1	1.5		42	35	32	28	25	20	884	17
4SDM10 09-1.5	4SD10 09-1.5	1.5	2		54	45	41	36	32	26	1011	20
4SDM10 12-2.2	4SD10 12-2.2	2.2	3		72	60	54	46	42	35	1241	25
	4SD10 16-3	3	4		96	80	72	64	56	46	1451	31
	4SD10 24-4	4	5.5		129	107	96	85	74	61	1656	37
	4SD10 32-5	5.5	7.5		180	148	132	116	100	81		
	4SD10 40-7.5	7.5	10	225	185	165	146	125	101			

# 130QJ8

Submersible pumps Series



PROFESSIONAL WATER-PUMP MANUFACTURER

## Typical Applications

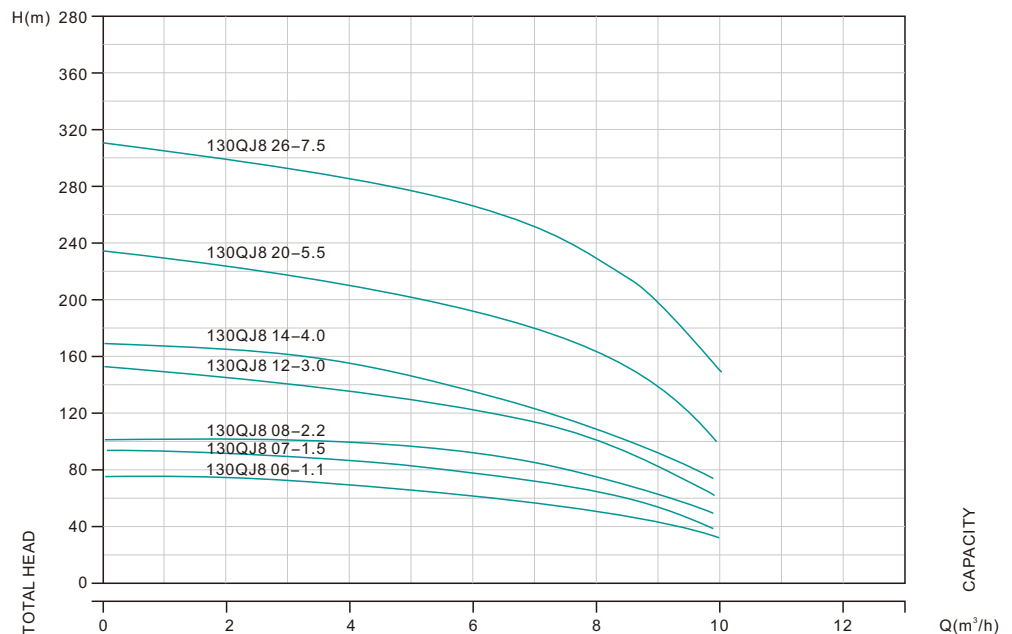
- Water supply system
- Booster
- Garden and Farm irrigation
- Lowering underground water level
- Various industrial applications

## Pump

- Qmax: 10(m<sup>3</sup>/h)
- Capacity from 7 to 9(m<sup>3</sup>/h)
- Total head from 42 to 245(m)

## Motor

- Adopted the NEMA standard
- Continuous service
- Power: 1.1~7.5kw(Three phase)
- Insulation class:B
- Protection grade:IP68
- Maximum well diameter: Φ 130mm
- Highest temperature of liquid:40°C



## PERFORMANCE TABLE:

rpm:2850 Outlet:G1"~G1¼

Type	Motor power		Capacity and Head							
			l/min	0	83	96	116	128	150	168
				m <sup>3</sup> /h	0	5	6	7	8	9
130QJ8 06-1.1	1.1	1.5	Head (m)	75	64	61	58	55	42	32
130QJ8 07-1.5	1.5	2		90	82	79	72	65	55	40
130QJ8 08-2.2	2.2	3		100	95	92	85	80	65	50
130QJ8 12-3.0	3.0	4		150	130	124	111	100	85	60
130QJ8 14-4.0	4.0	5		165	155	145	135	120	100	75
130QJ8 20-5.5	5.5	7.5		236	210	195	171	160	135	100
130QJ8 26-7.5	7.5	10		310	280	260	245	220	190	150

# 6SP17

Submersible pumps Series



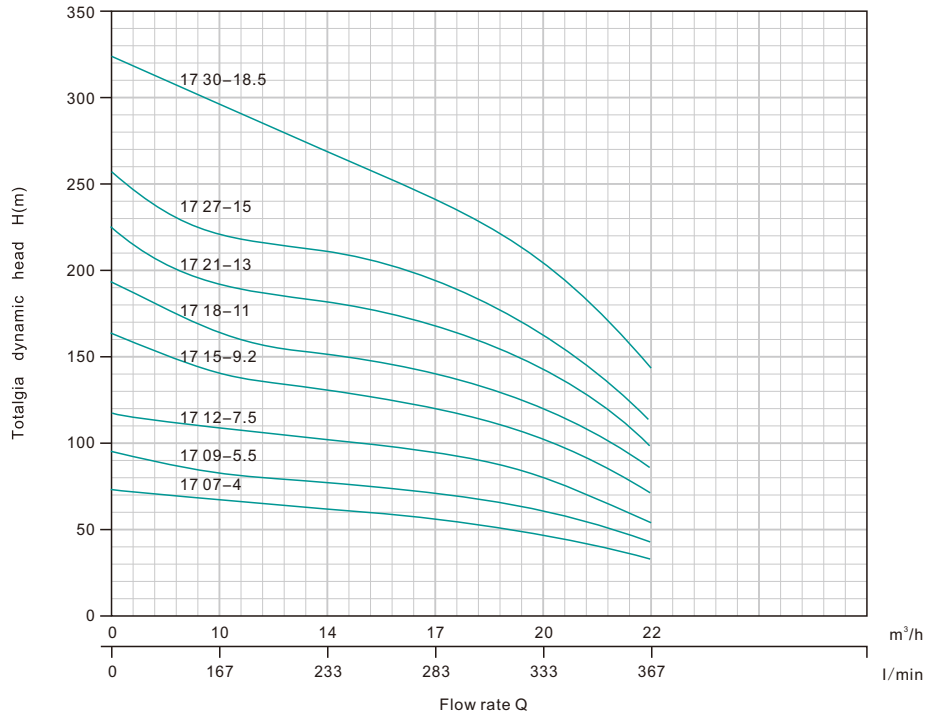
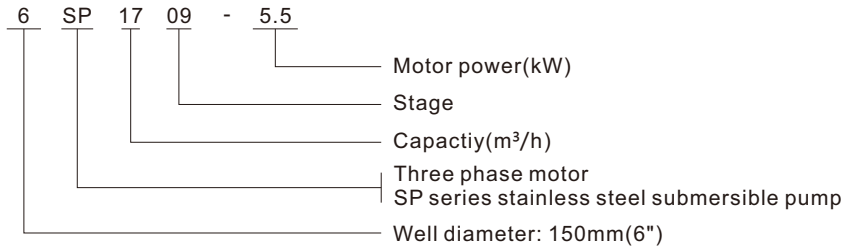
PROFESSIONAL WATER-PUMP MANUFACTURER

### Typical Applications

- Water supply system
- Booster
- Garden and Farm irrigation
- Lowering underground water level
- Various industrial applications

### Pump/Motor

- Qmax: 28(m<sup>3</sup>/h)
- Adopted the NEMA standard
- Insulation class: F
- Protection grade: IP 68
- Maximum diameter: Φ150mm
- Highest temperature of liquid: 40°C



### PERFORMANCE TABLE:

rpm:2850

Type	Motor power		P2	Capacity and Head						
				Q	Capacity and Head					
	Single phase 220-240V 50Hz	kW	HP		Outlet Diameter Inch	l/min	0	167	233	283
6SP17 07-4	4	5.5	3	Head (m)	0	10	14	17	20	22
6SP17 09-5.5	5.5	7.5	3		75	69	61	56	49	33
6SP17 12-7.5	7.5	10	3		97	81	79	72	63	43
6SP17 15-9.2	9.2	12.5	3		129	108	105	96	84	57
6SP17 18-11	11	15	3		162	134	132	120	105	72
6SP17 21-13	13	17.5	3		194	161	158	144	126	86
6SP17 27-15	15	20	3		226	188	184	168	147	100
6SP17 30-18.5	18.5	25	3		259	215	211	192	168	115
					323	297	263	240	210	143

# 6SP20

Submersible pumps Series



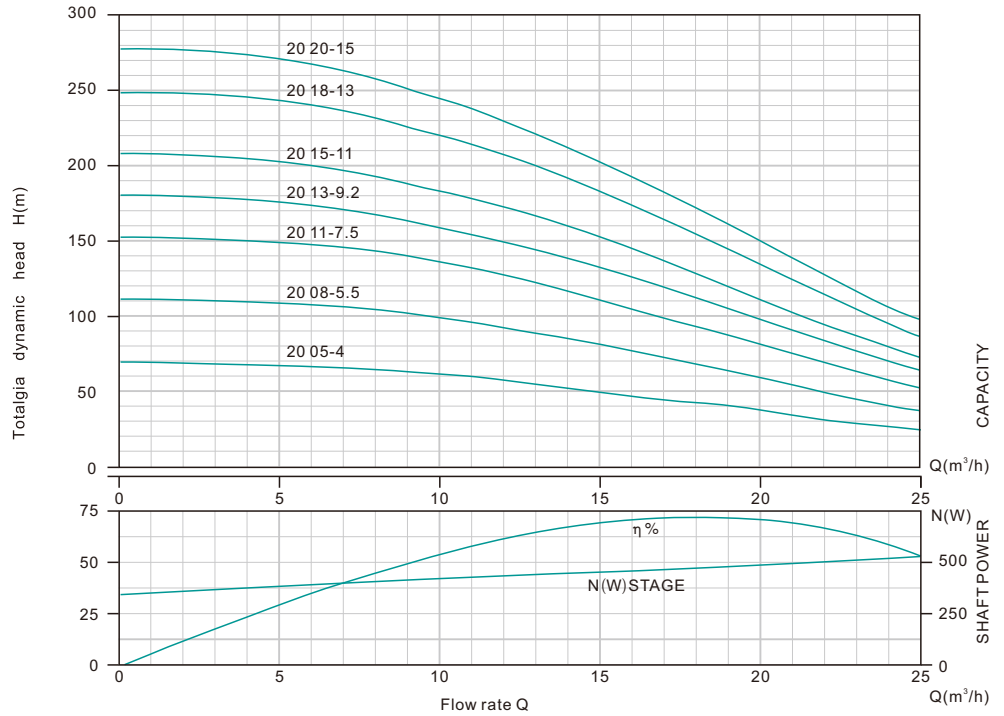
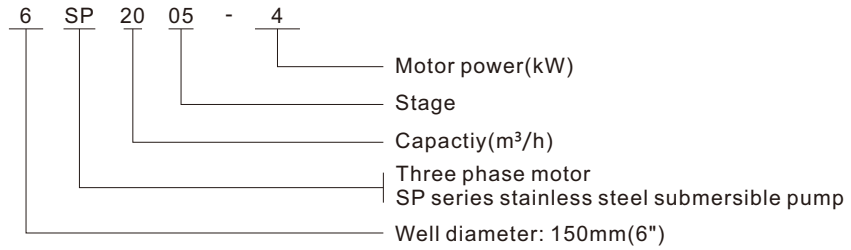
PROFESSIONAL WATER-PUMP MANUFACTURER

### Typical Applications

Water supply system  
 Booster  
 Garden and Farm irrigation  
 Lowering underground water level  
 Various industrial applications

### Pump/Motor

Qmax: 30(m<sup>3</sup>/h)  
 Adopted the NEMA standard  
 Insulation class: B  
 Protection grade: IP 68  
 Maximum diameter: Φ150mm  
 Highest temperature of liquid: 40°C



### PERFORMANCE TABLE:

rpm:2850

Type	Motor power		Capacity and Head							Dimensions	
			l/min	0	83	167	250	333	417	Length	Weight
Single phase 220-240V 50Hz	kW	HP	m <sup>3</sup> /h	0	5	10	15	20	25	mm	kg
6SP20 05-4	4	5.5	Head (m)	70	68	62	50	37	25	1146	46
6SP20 08-5.5	5.5	7.5		111	108	98	81	59	39	1311	54
6SP20 11-7.5	7.5	10		153	149	135	111	81	54	1506	60
6SP20 13-9.2	9.2	12.5		181	176	160	131	96	64	1656	69
6SP20 15-11	11	15		209	203	185	152	111	74	1781	75
6SP20 18-13	13	17.5		250	243	221	183	133	88	1986	83
6SP20 20-15	15	20		278	270	246	204	148	98	2111	90

# 6SP30

Submersible pumps Series



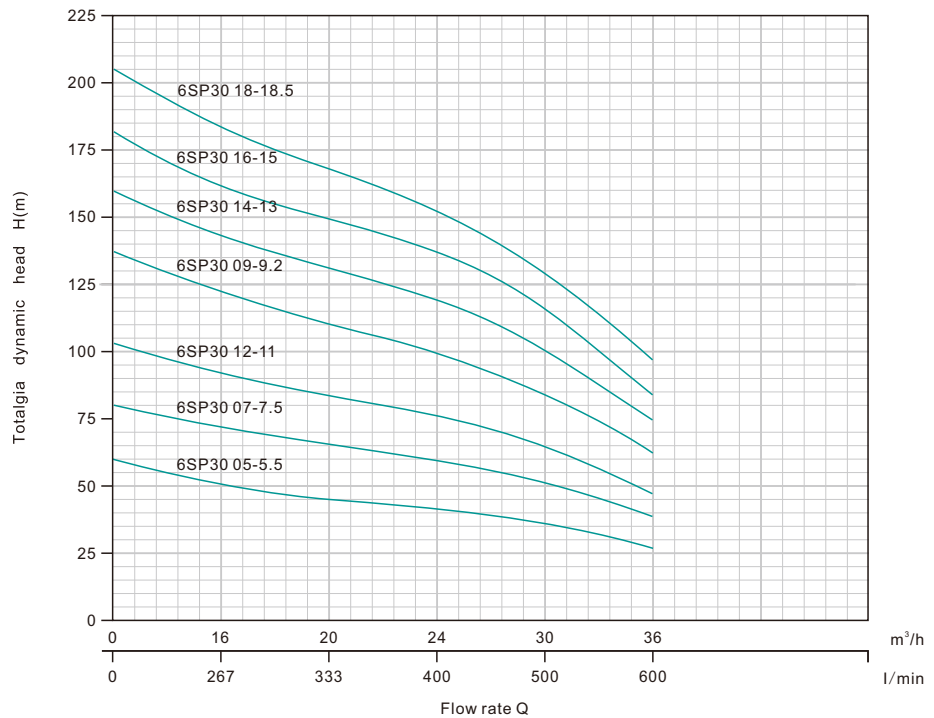
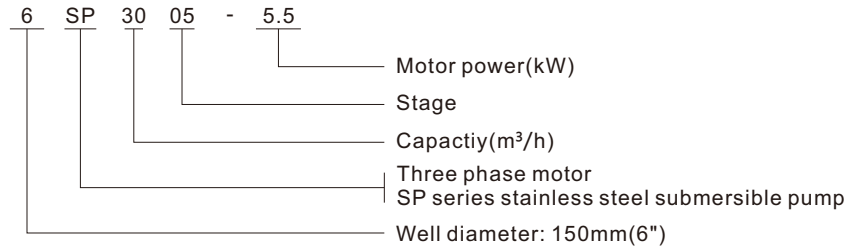
PROFESSIONAL WATER-PUMP MANUFACTURER

### Typical Applications

- Water supply system
- Booster
- Garden and Farm irrigation
- Lowering underground water level
- Various industrial applications

### Pump/Motor

- Qmax: 20(m<sup>3</sup>/h)
- Adopted the NEMA standard
- Insulation class: F
- Protection grade: IP 68
- Maximum diameter: Φ150mm
- Highest temperature of liquid: 40°C



### PERFORMANCE TABLE:

rpm:2850

Type	Motor power		P2 Outlet Diameter Inch	Capacity and Head						
				Q	Head (m)					
					l/min m <sup>3</sup> /h	0	267	333	400	500
6SP30 05-5.5	5.5	7.5	3	57	50	46	43	36	26	
6SP30 07-7.5	7.5	10	3	79	70	65	60	51	37	
6SP30 09-9.2	9.2	12.5	3	102	90	83	77	65	47	
6SP30 12-11	11	15	3	136	120	111	102	87	63	
6SP30 14-13	13	17.5	3	159	140	130	119	102	74	
6SP30 16-15	15	20	3	181	160	148	136	116	84	
6SP30 18-18.5	18.5	25	3	204	180	167	153	131	95	

# 6SP46

Submersible pumps Series



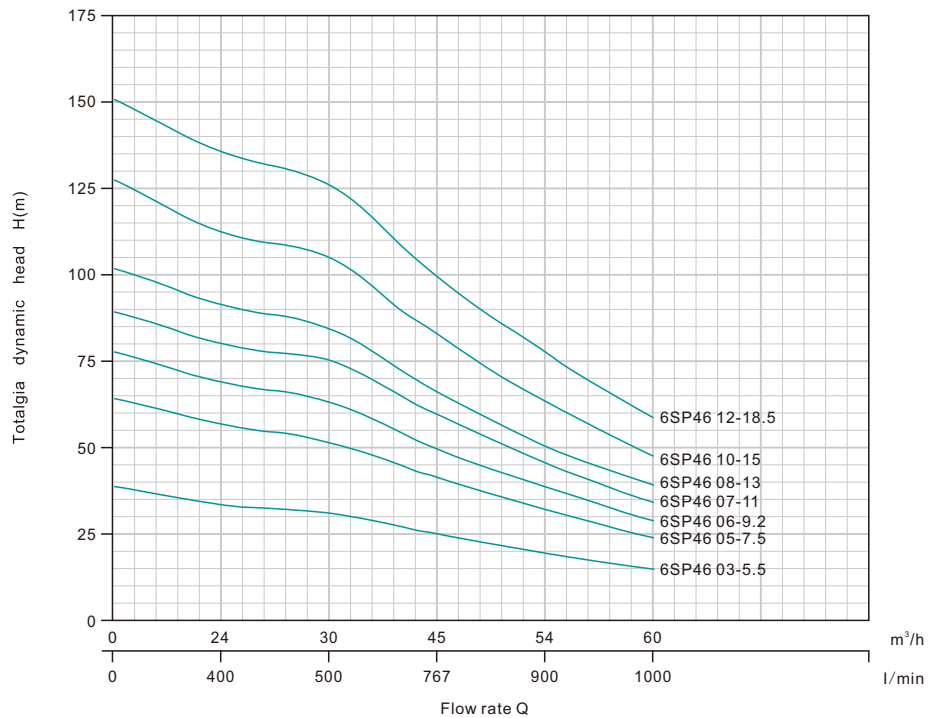
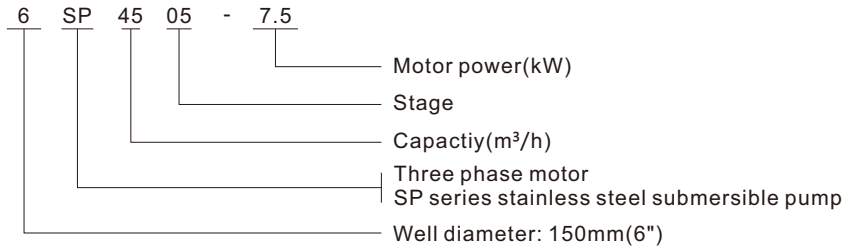
PROFESSIONAL WATER-PUMP MANUFACTURER

### Typical Applications

Water supply system  
Booster  
Garden and Farm irrigation  
Lowering underground water level  
Various industrial applications

### Pump/Motor

Qmax: 72(m<sup>3</sup>/h)  
Adopted the NEMA standard  
Insulation class: F  
Protection grade: IP 68  
Maximum diameter: Φ150mm  
Highest temperature of liquid: 40°C



### PERFORMANCE TABLE:

rpm:2850

Type	Motor power		Capacity and Head						
			l/min	0	400	500	767	900	1000
Single phase 220-240V 50Hz	kW	HP	m <sup>3</sup> /h	0	24	30	46	54	60
6SP46 03-5.5	5.5	7.5	Head (m)	38	34	32	25	19	15
6SP46 05-7.5	7.5	10		64	56	53	41	32	24
6SP46 06-9.2	9.2	12.5		76	67	67	49	38	29
6SP46 07-1.1	11	15		89	79	74	58	45	34
6SP46 08-13	13	17.5		102	90	85	66	51	39
6SP46 10-15	15	20		127	112	106	82	64	46
6SP46 12-18.5	18.5	25		150	135	127	99	77	59

# 6SP60

Submersible pumps



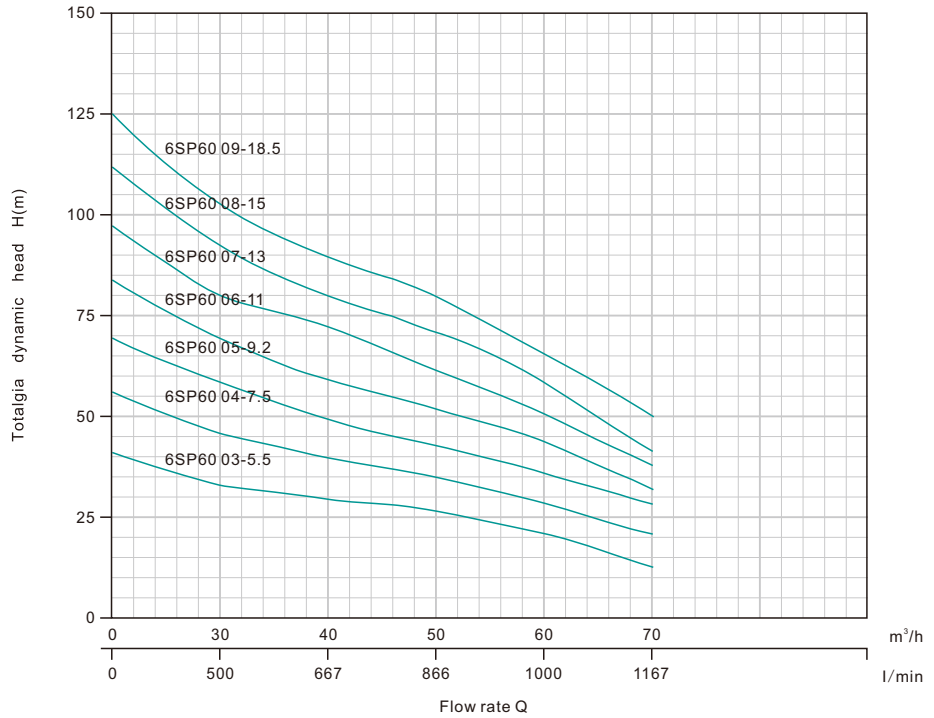
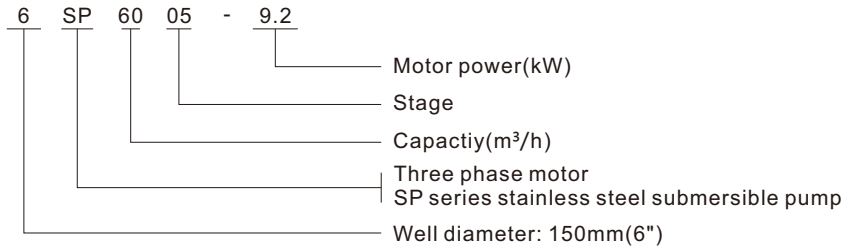
PROFESSIONAL WATER-PUMP MANUFACTURER

### Typical Applications

- Water supply system
- Booster
- Garden and Farm irrigation
- Lowering underground water level
- Various industrial applications

### Pump/Motor

- Qmax:84(m<sup>3</sup>/h)
- Adopted the NEMA standard
- Insulation class:F
- Protection grade:IP 68
- Maximum diameter:Φ150mm
- Highest temperature of liquid:40°C



### PERFORMANCE TABLE:

rpm:2850

Type	Motor power		P2 Outlet Diameter Inch	Capacity and Head						
				Q	Capacity and Head					
					l/min m <sup>3</sup> /h	0	500	667	833	1000
Single phase 220-240V 50Hz	kW	HP			0	500	667	833	1000	1167
6SP60 03-5.5	5.5	7.5	3-4	Head (m)	42	34	30	27	22	17
6SP60 04-7.5	7.5	10	3-4		55	45	39	35	29	22
6SP60 05-9.2	9.2	12.5	3-4		69	57	49	44	37	28
6SP60 06-11	11	15	3-4		83	68	59	53	44	33
6SP60 07-13	13	17.5	3-4		97	79	69	62	51	39
6SP60 08-15	15	20	3-4		111	91	79	71	59	44
6SP60 09-18.5	18.5	25	3-4		125	102	89	80	66	50



### Typical Applications

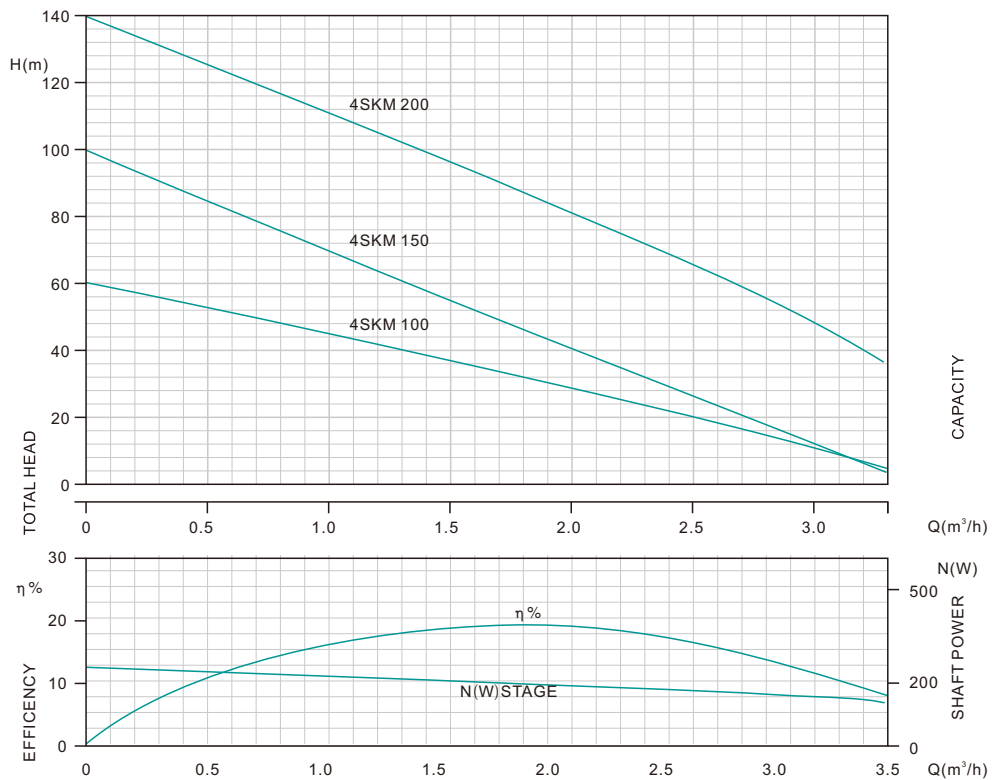
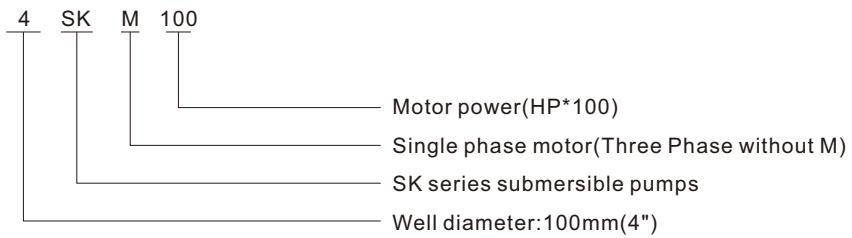
Water supply system  
 Booster  
 Garden and Farm irrigation  
 Lowering underground water level  
 Various industrial applications

### Pump/Motor

Adopted the NEMA standard  
 Continuous service  
 Power: 1~2HP 0.75~1.5kw(Three phase)  
 Insulation class:B  
 Protection grade:IP68  
 Maximum well diameter:  $\Phi$  100mm  
 Highest temperature of liquid:40°C

### Pump

Qmax: 2.4(m<sup>3</sup>/h)  
 Capacity from 0.5 to 1.5(m<sup>3</sup>/h)  
 Total head from 25 to 115(m)



### PERFORMANCE TABLE:

rpm:2850

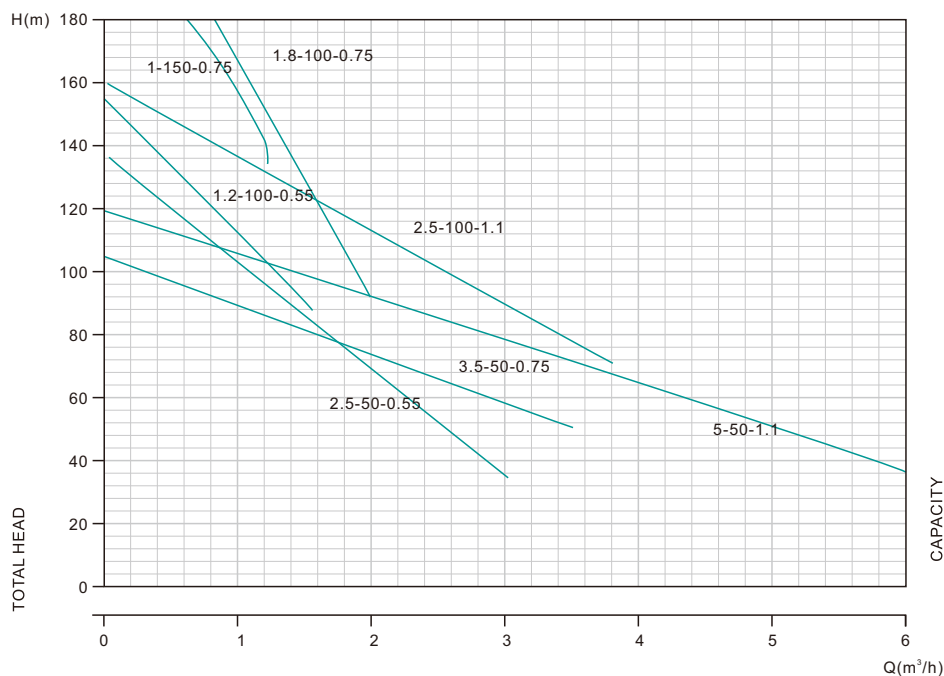
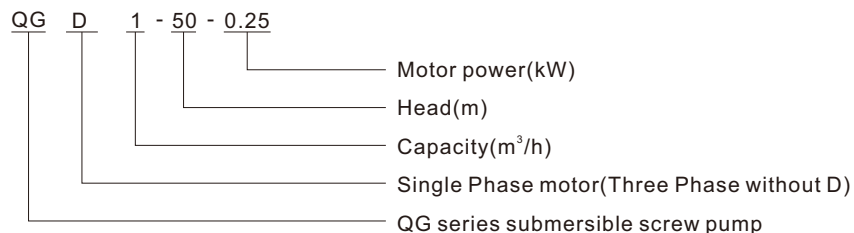
Type	Type	Motor power		Capacity and Head							Dimensions	
				l/min							Length	Weight
				0	117	133	167	200	217	mm		
Single phase 220-240V 50Hz	Three phase 380-415V 50Hz	kW	HP	Head (m)	0	7	8	10	12	13		
4SKM 100	4SKM 100	0.75	1		61	54	45	36	28	20	485	15.5
4SKM 150	4SKM 150	1.1	1.5		99	83	68	54	38	22	552	16.5
4SKM 200	4SKM 200	1.5	2	140	130	120	100	90	70	606	17.5	

### Pump

Power:0.25 to 1.1kW  
 Insulation class:B  
 Protection grade:IP 68  
 Maximum well diametre:Φ90-127mm  
 Highest temperature of liquid:40°C

### Working Conditions

Capacity from 0.8 to 5(m<sup>3</sup>/h)  
 Total head from 50 to 150(m)



### PERFORMANCE TABLE:

rpm:2850 Outlet:G3"

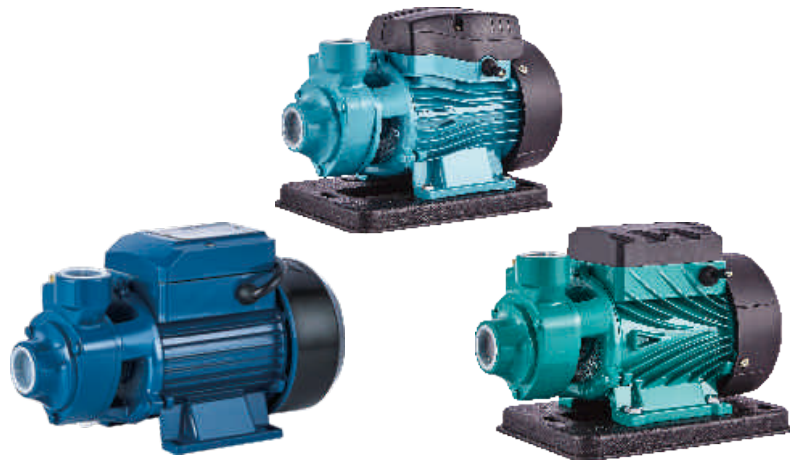
Type	Size Q-H-KW	Motor power		Capacity		Voltage V	Max.Dia mm	Plpe.Dia Inch	Dimensions mm	
		kW	HP	m <sup>3</sup> /h	m					
QGD	1-50-0.25	0.25	0.35	1	50	220/380	94.5	1	530X140X165	
	1.2-50-0.37	0.37	0.5	1.2	50			102	1	530X140X165
	1.8-50-0.50	0.5	0.7	1.8	50				1	530X140X165
	0.8-100-0.50	0.5	0.7	0.8	100		127	1	550X140X165	
	2.5-50-0.55	0.55	0.75	2.5	50			1½	565X150X190	
	1.2-100-0.55	0.55	0.75	1.2	100			1	565X150X190	
	3.5-50-0.75	0.75	1	3.5	50			1½	620X150X190	
	1.8-100-0.75	0.75	1	1.8	100			1	620X150X190	
1-150-0.75	0.75	1	1.0	150	380	1	790X150X190			
5-50-1.1	1.1	1.5	5.0	50		1½	620X150X190			
2.5-100-1.1	1.1	1.5	2.5	100		1½	620X150X190			

### Motor

Two-pole induction motor(n=2850r.p.m)  
 Insulation Class B  
 Protection Ip44  
 Continuous service S1  
 Thermal protector  
 Single-phase 220V/50Hz, 60Hz if request

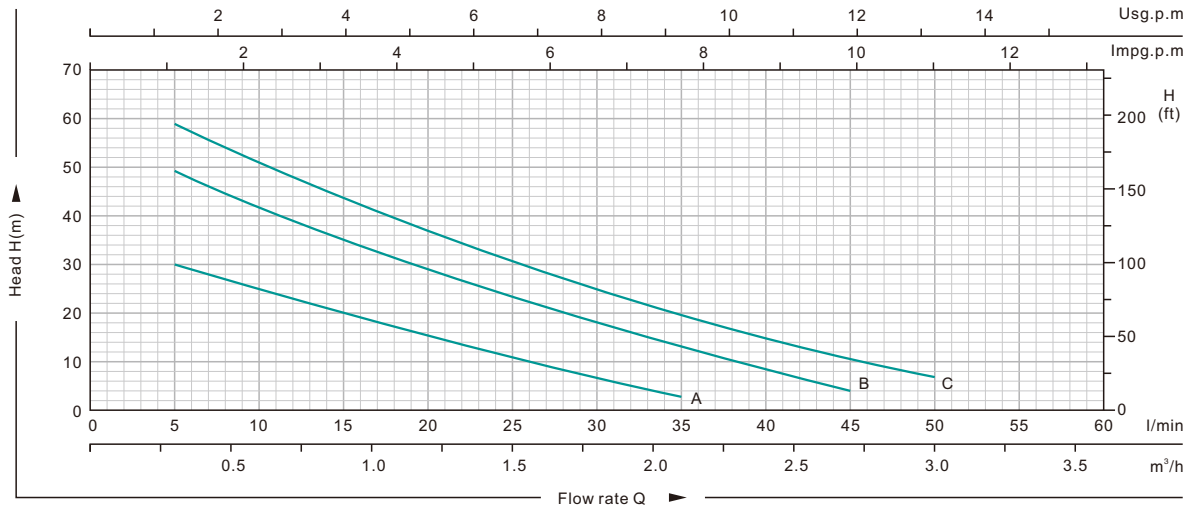
### Operating conditions

Liquid temperature up to 60°C  
 Ambient temperature up to 40°C  
 Total suction lift up to 8M



### Component Construction

Pump body:	Castiron, with brass/AISI304 SS insert if request, reduces the risk of impeller seizure
Pump support:	Castiron, with brass/AISI304 SS insert if request, reduces the risk of impeller seizure
Impeller:	Brass
Motor shaft:	Carbon steel, AISI420/304 SS if request
Mechanical seal:	Ceramic/Graphite
Bearings:	6202 RZ/6201RZ(0.5HP, VP5M by ZZ), 6202 RZ/6202 RZ(0.75HP&1HP)

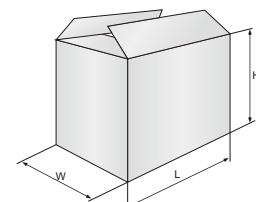


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3
		kw	HP		Q(l/min)	0	5	10	15	20	25	30	35	40	45
A	QB60	0.37	0.5	H	35	30	25	20	15	10.5	6.5	3			
B	QB70	0.55	0.75		55	49	43	37	30	23	17	12	8	5	
C	QB80	0.75	1		65	59	52	45	38	31	25	19	14	10	7

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	QB60	1"X1"	5.2	265x130x160
B	QB70	1"X1"	8.5	325x160x200
C	QB80	1"X1"	9.5	325x160x200



### Motor

Two-pole induction motor(n=2850r.p.m)  
 Insulation Class B  
 Protection Ip44  
 Continuous service S1  
 Thermal protector  
 Single-phase 220V/50Hz, 60Hz if request

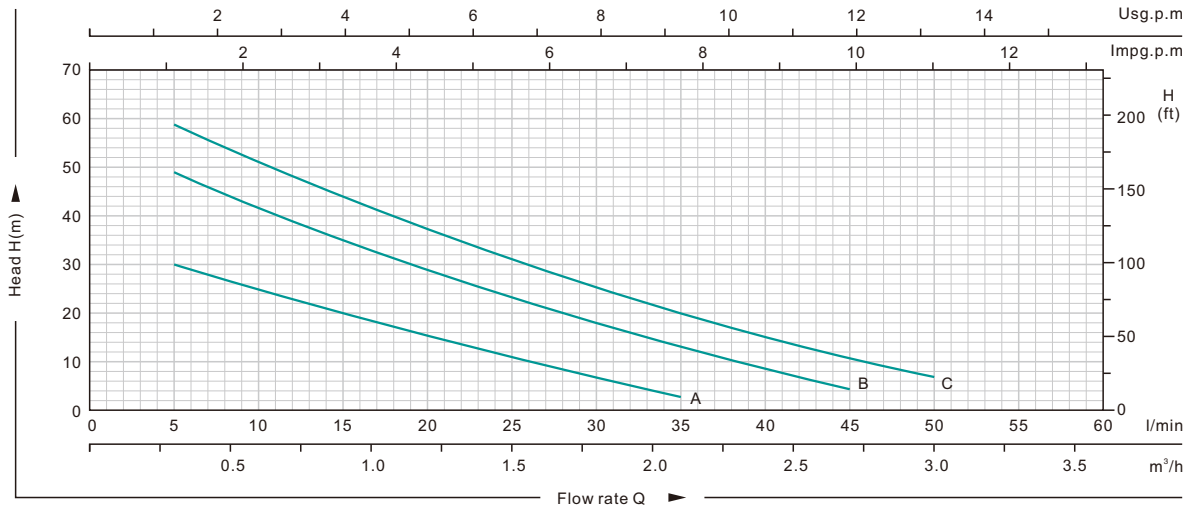


### Operating conditions

Liquid temperature up to 60°C  
 Ambient temperature up to 40°C  
 Total suction lift up to 8M

### Component Construction

Pump body:	Castiron, with brass/AISI304 SS insert if request, reduces the risk of impeller seizure
Pump support:	Castiron, with brass/AISI304 SS insert if request, reduces the risk of impeller seizure
Impeller:	Brass
Motor shaft:	Carbon steel, AISI420/304 SS if request
Mechanical seal:	Ceramic/Graphite
Bearings:	6202 RZ/6201RZ(0.5HP, VP5M by ZZ), 6202 RZ/6202 RZ(0.75HP&1HP)

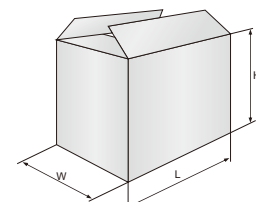


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

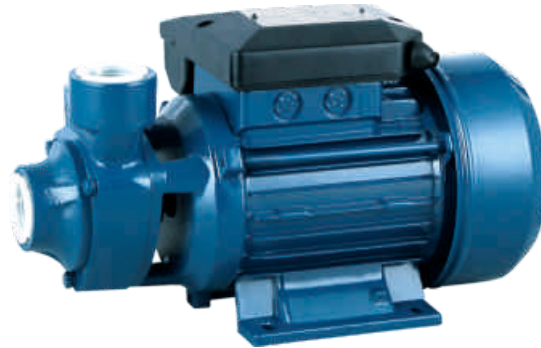
No.	MODEL	POWER		Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3
		kw	HP		Q(l/min)	0	5	10	15	20	25	30	35	40	45
A	PKM60	0.37	0.5	H	35	30	25	20	15	10.5	6.5	3			
B	PKM70	0.55	0.75		55	49	43	37	30	23	17	12	8	5	
C	PKM80	0.75	1		65	59	52	45	38	31	25	19	14	10	7

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	PKM60	1"x1"	5.2	265x130x160
B	PKM70	1"x1"	8.5	325x160x200
C	PKM80	1"x1"	9.5	325x160x200



### Motor

Two-pole induction motor(n=2850r.p.m)  
 Insulation Class B  
 Protection Ip44  
 Continuous service S1  
 Thermal protector  
 Single-phase 220V/50Hz, 60Hz if request

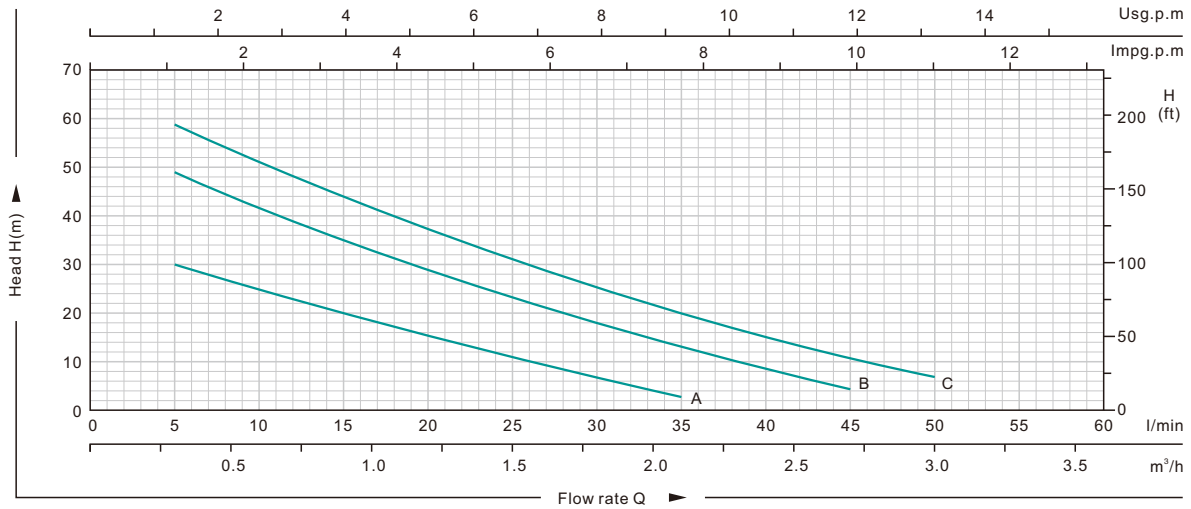


### Operating conditions

Liquid temperature up to 60°C  
 Ambient temperature up to 40°C  
 Total suction lift up to 8M

### Component Construction

Pump body:	Castiron, with brass/AISI304 SS insert if request, reduces the risk of impeller seizure
Pump support:	Castiron, with brass/AISI304 SS insert if request, reduces the risk of impeller seizure
Impeller:	Brass
Motor shaft:	Carbon steel, AISI420/304 SS if request
Mechanical seal:	Ceramic/Graphite
Bearings:	6202 RZ/6201RZ(0.5HP, VP5M by ZZ), 6202 RZ/6202 RZ(0.75HP&1HP)

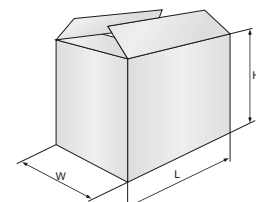


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3
		kw	HP		Q(l/min)	0	5	10	15	20	25	30	35	40	45
A	IDB35	0.37	0.5	H	35	30	25	20	15	10.5	6.5	3			
B	IDB40	0.55	0.75		55	49	43	37	30	23	17	12	8	5	
C	IDB50	0.75	1		65	59	52	45	38	31	25	19	14	10	7

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	IDB35	1"x1"	5.5	285x160x175
B	IDB40	1"x1"	9	320x175x215
C	IDB50	1"x1"	10	320x175x215



### Motor

Two-pole induction motor(n=2850r.p.m)  
 Insulation Class B  
 Protection Ip44  
 Continuous service S1  
 Thermal protector  
 Single-phase 220V/50Hz, 60Hz if request

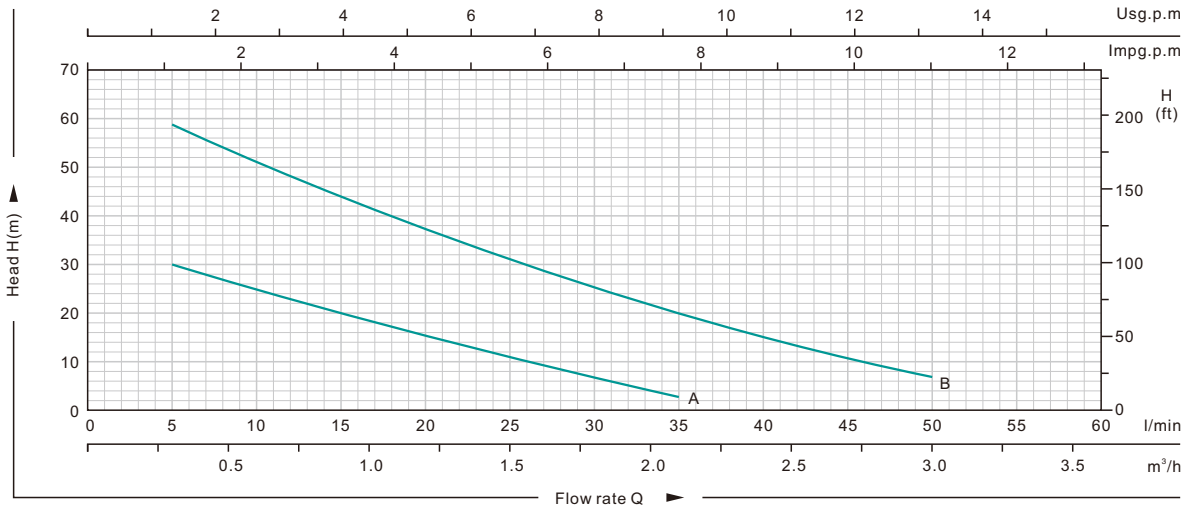


### Operating conditions

Liquid temperature up to 60°C  
 Ambient temperature up to 40°C  
 Total suction lift up to 8M

### Component Construction

Pump body:	Castiron, with brass/AISI304 SS insert if request, reduces the risk of impeller seizure
Pump support:	Castiron, with brass/AISI304 SS insert if request, reduces the risk of impeller seizure
Impeller:	Brass
Motor shaft:	Carbon steel, AISI420/304 SS if request
Mechanical seal:	Ceramic/Graphite
Bearings:	6202 RZ/6201RZ(0.5HP, VP5M by ZZ), 6202 RZ/6202 RZ(0.75HP&1HP)

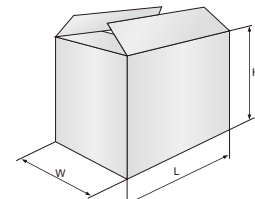


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	
		kw	HP		0	5	10	15	20	25	30	35	40	45	50	
A	VP5	0.37	0.5	H	35	30	25	20	15	10.5	6.5	3				
B	VP10	0.75	1		65	59	52	45	38	31	25	19	14	10	7	

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	VP5	1"x1"	5.8	285x175x195
B	VP10	1"x1"	10	335x195x225



# PKM-D

## Peripheral Pumps Series



PROFESSIONAL WATER-PUMP MANUFACTURER

### Motor

Two-pole induction motor(n=2850r.p.m)  
 Insulation Class B  
 Protection Ip44  
 Continuous service S1  
 Thermal protector  
 Single-phase 220V/50Hz, 60Hz if request

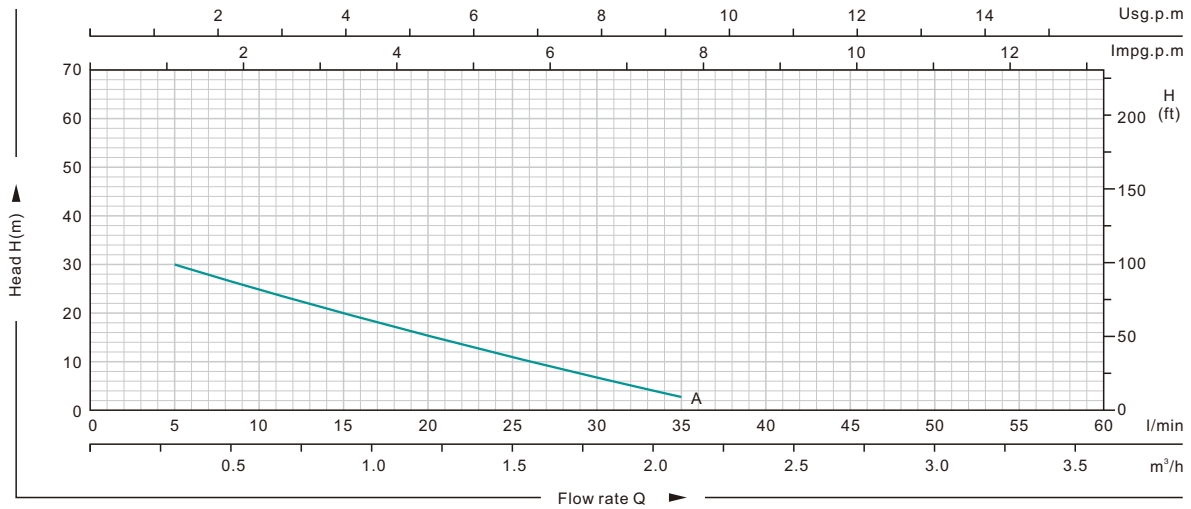


### Operating conditions

Liquid temperature up to 60°C  
 Ambient temperature up to 40°C  
 Total suction lift up to 8M

### Component Construction

Pump body:	Castiron, with brass/AISI304 SS insert if request, reduces the risk of impeller seizure
Pump support:	Castiron, with brass/AISI304 SS insert if request, reduces the risk of impeller seizure
Impeller:	Brass
Motor shaft:	Carbon steel, AISI420/304 SS if request
Mechanical seal:	Ceramic/Graphite
Bearings:	6202 RZ/6201RZ(0.5HP, VP5M by ZZ), 6202 RZ/6202 RZ(0.75HP&1HP)

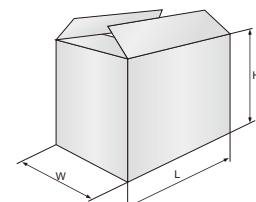


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	0.5	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3
		kw	HP												
A	PKM60D	0.37	0.5	H	35	30	25	20	15	10.5	6.5	3			

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	PKM60D	1"x1"	4.8	244x158x177



### Motor

Two-pole induction motor(n=2850r.p.m)  
 Insulation Class B  
 Protection Ip44  
 Continuous service S1  
 Thermal protector  
 Single-phase 220V/50Hz, 60Hz if request

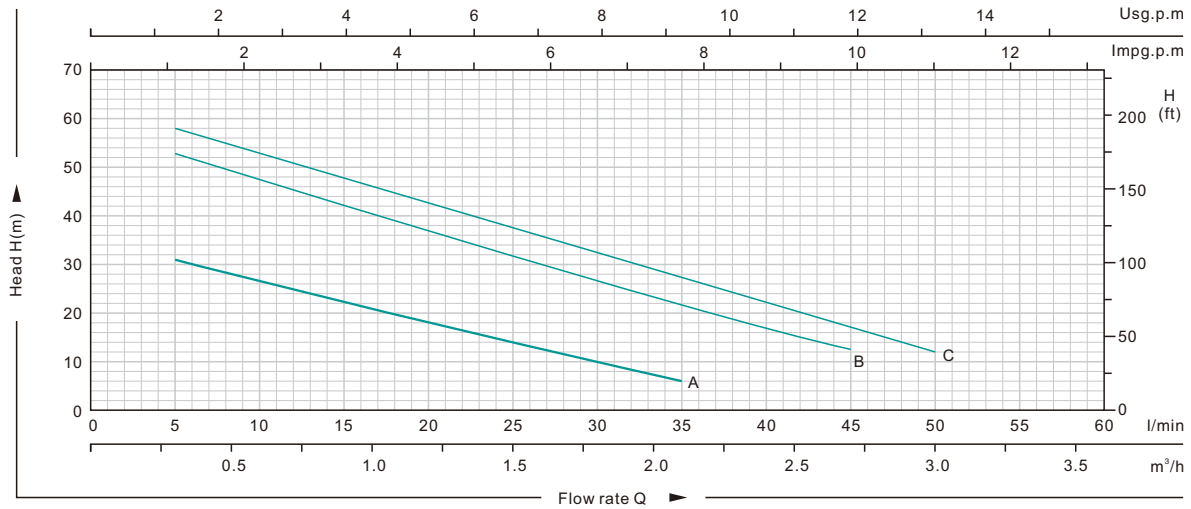


### Operating conditions

Liquid temperature up to 60°C  
 Ambient temperature up to 40°C  
 Total suction lift up to 8M

### Component Construction

Pump body:	Castiron, with brass/AISI304 SS insert if request, reduces the risk of impeller seizure
Pump support:	Castiron, with brass/AISI304 SS insert if request, reduces the risk of impeller seizure
Impeller:	Brass
Motor shaft:	Carbon steel, AISI420/304 SS if request
Mechanical seal:	Ceramic/Graphite
Bearings:	6202 RZ/6201RZ(0.5HP, VP5M by ZZ), 6202 RZ/6202 RZ(0.75HP&1HP)

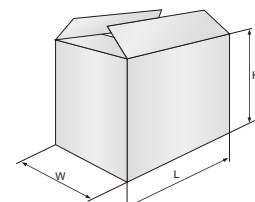


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3
		kw	HP		Q(l/min)	0	5	10	15	20	25	30	35	40	45
A	LQ-60	0.37	0.5	H	35	30	25	20	15	10.5	6.5	3			
B	LQ-70	0.55	0.75		55	49	43	37	30	23	17	12	8	5	
C	LQ-80	0.75	1		65	59	52	45	38	31	25	19	14	10	7

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	LQ-60	1"X1"	5.5	230x130x165
B	LQ-70	1"X1"	9	375x160x200
C	LQ-80	1"X1"	10	375x160x200



# PM16

## Peripheral Pumps Series



PROFESSIONAL WATER-PUMP MANUFACTURER

### Motor

Two-pole induction motor(n=2850r.p.m)  
 Insulation Class B  
 Protection Ip44  
 Continuous service S1  
 Thermal protector  
 Single-phase 220V/50Hz, 60Hz if request

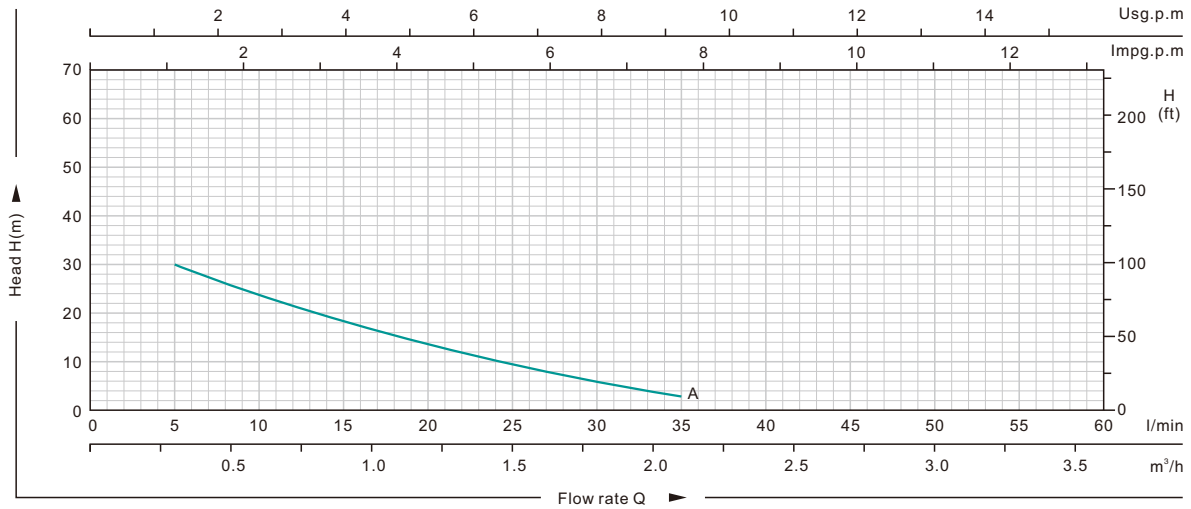


### Operating conditions

Liquid temperature up to 60°C  
 Ambient temperature up to 40°C  
 Total suction lift up to 8M

### Component Construction

Pump body:	Castiron, with brass/AISI304 SS insert if request, reduces the risk of impeller seizure
Pump support:	Castiron, with brass/AISI304 SS insert if request, reduces the risk of impeller seizure
Impeller:	Brass
Motor shaft:	Carbon steel, AISI420/304 SS if request
Mechanical seal:	Ceramic/Graphite
Bearings:	6202 RZ/6201RZ(0.5HP, VP5M by ZZ), 6202 RZ/6202 RZ(0.75HP&1HP)

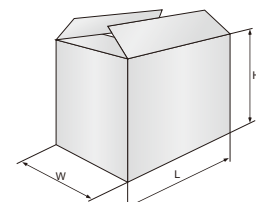


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	0.5	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3
		kw	HP												
A	PM-16A	0.37	0.5	H	35	30	25	20	15	10.5	6.5	3			

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	PM-16A	1"x1"	7.8	290x190x170

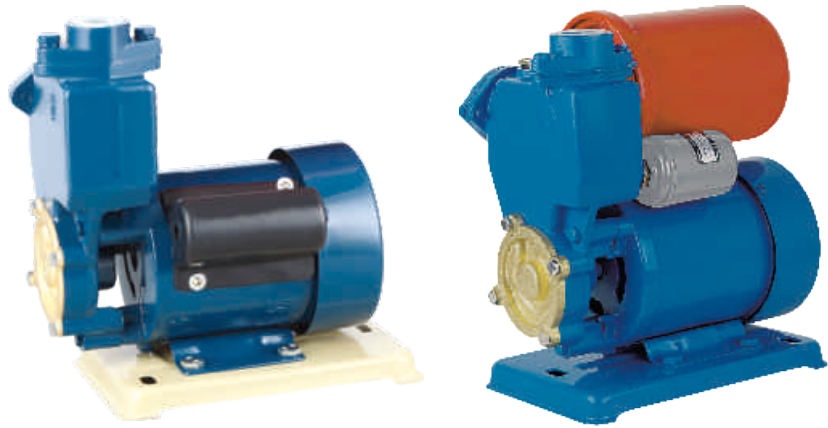


### Motor

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

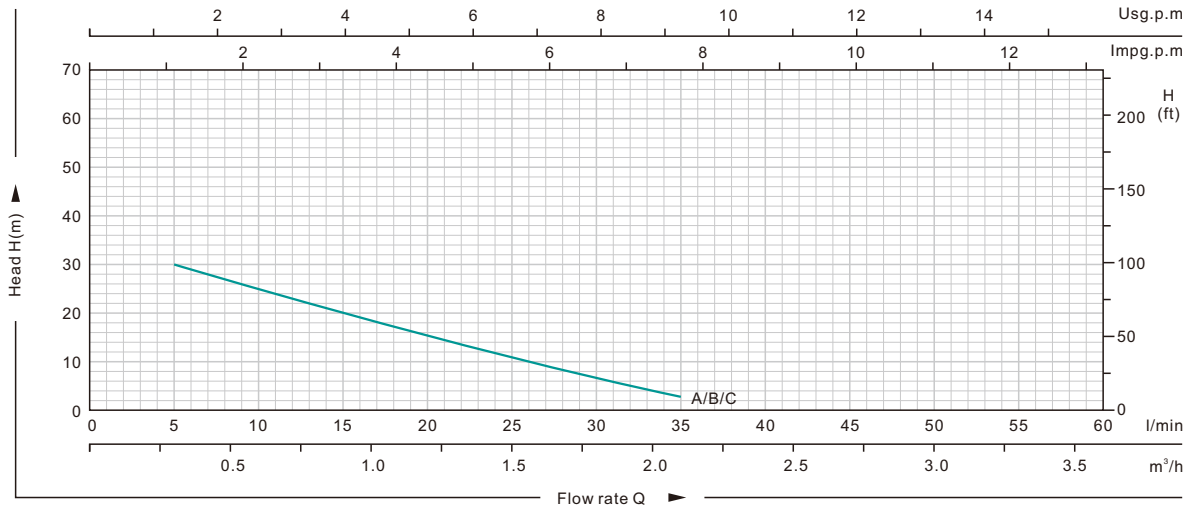
### Operating conditions

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



### Component Construction

Pump body:	Cast iron
Pump support:	Cast iron, Pure brass if request
Motor housing:	Sheet steel
Impeller:	Brass
Motor shaft:	Carbon steel, AIS1420/304 SS if request
Mechanical seal:	Ceramic/G raphite
Bearings:	6201 R2/6201 RZ

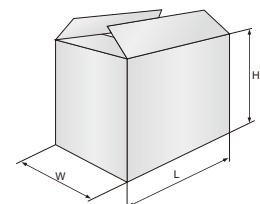


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1
		kw	HP		0	5	10	15	20	25	30	35
A	PS-126	0.37	0.5	H	35	30	25	20	15	10.5	6.5	3
B	PS-130	0.37	0.5		35	30	25	20	15	10.5	6.5	3
C	PS-130B	0.37	0.5		35	30	25	20	15	10.5	6.5	3

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	PS-126	1"x1"	9.2	295X170X245
B	PS-130	1"x1"	9.5	295X200X290
C	PS-130B	1"x1"	11.6	330X320X320



# QSM-AX

## Small Self-priming Pumps



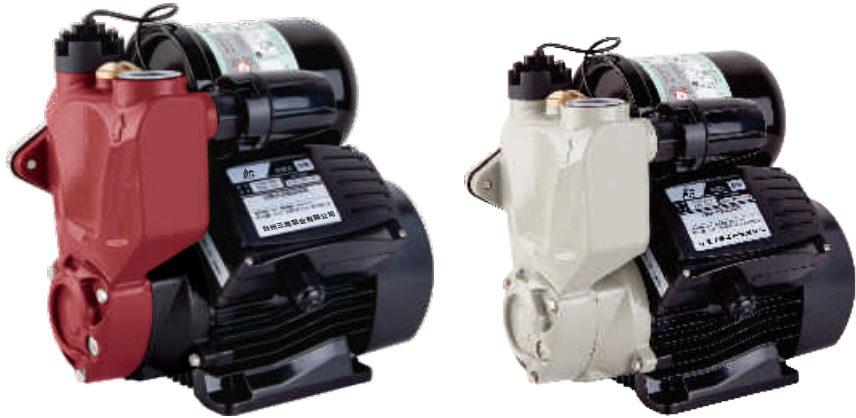
PROFESSIONAL WATER-PUMP MANUFACTURER

### Motor

Two-pole induction motor(n=2850r.p.m)  
 Insulation Class B  
 Protection Ip44  
 Continuous service S1  
 Thermal protector  
 Single-phase 220V/50Hz, 60Hz if request

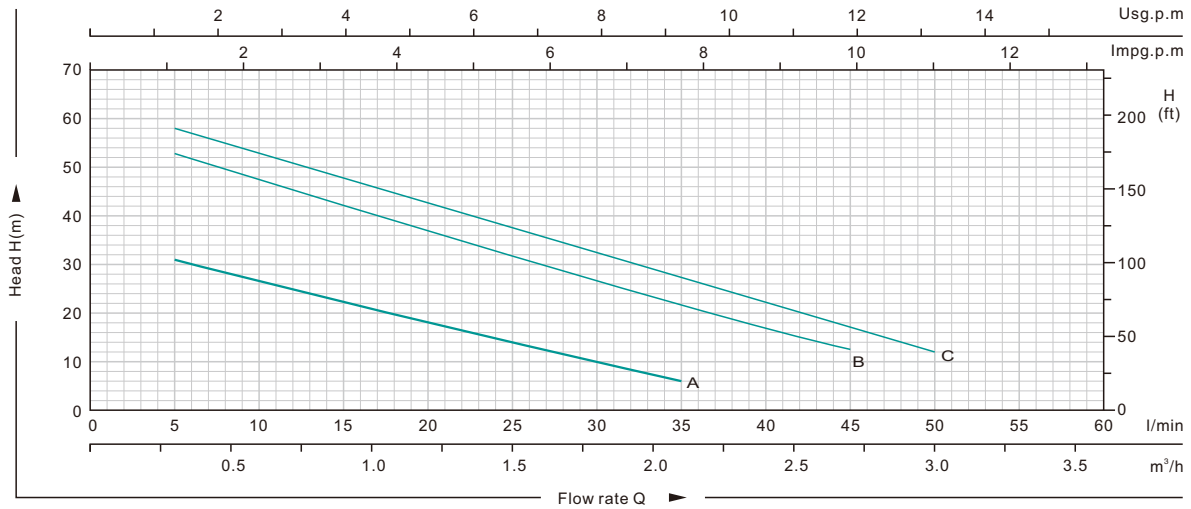
### Operating conditions

Liquid temperature up to 80°C  
 Ambient temperature up to 40°C  
 Total suction lift up to 9M



### Component Construction

Pump body:	Castiron, with brass/AISI304 SS insert if request, reduces the risk of impeller seizure
Pump support:	Pure brass for QSm-AX, Cast iron with AISI304 SS insert for QSm-A
Motor housing:	Aluminum
Impeller:	Brass
Motor shaft:	AISI420 SS, AISI304 SS if request
Mechanical seal:	Ceramic/Graphite
Bearings:	6201 RZ/6201RZ(0.5HP), 6202 RZ/6202 RZ(0.75HP&1HP)

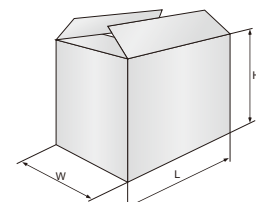


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	
		kw	HP		Q(l/min)	0	5	10	15	20	25	30	35	40	45	50
A	QSm60-AX	0.37	0.5	H	35	31	27	22.5	18.5	14.5	10	5.5				
B	QSm70-AX	0.55	0.75		58	53	47	42	37	32	27	22	17	12		
C	QSm80-AX	0.75	1		65	58.5	52.5	47.5	42	37	32	27	22	17	12	

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	QSm60-AX	1"X1"	8.3	300X230X275
B	QSm70-AX	1"X1"	12.3	325X260X290
C	QSm80-AX	1"X1"	13.6	325X260X290



### Motor

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

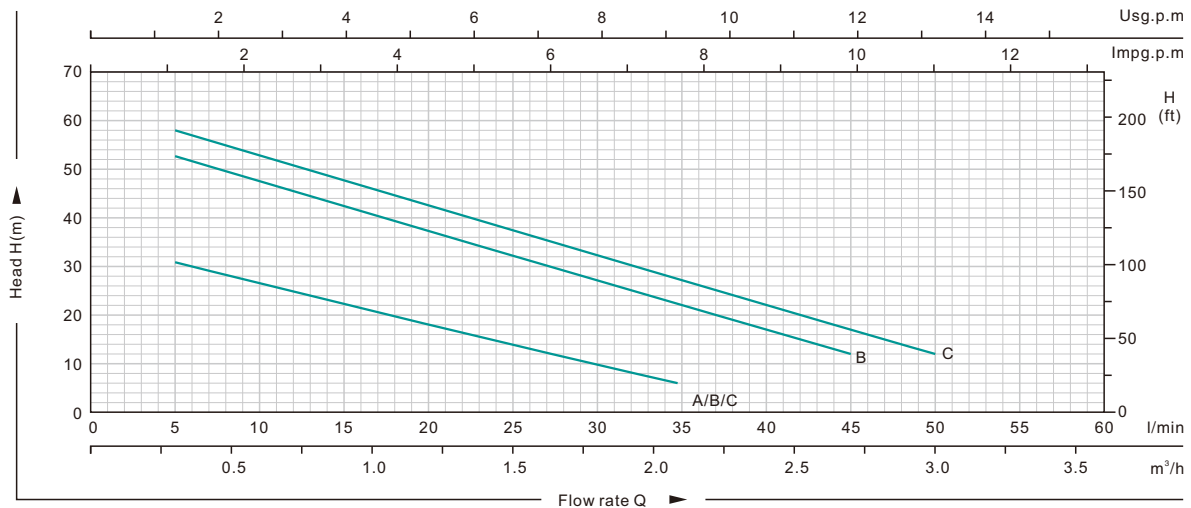


### Operating conditions

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

### Component Construction

Pump body:	Cast iron
Pump support:	Cast iron, Pure brass if request
Motor housing:	Sheet steel
Impeller:	Brass
Motor shaft:	Carbon steel, AIS1420/304 SS if request
Mechanical seal:	Ceramic/G raphite
Bearings:	6201 R2/6201 RZ

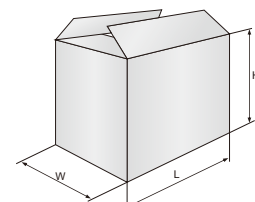


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3
		kw	HP		Q(l/min)	0	5	10	15	20	25	30	35	40	45
A	QSm60	0.37	0.5	H	35	31	27	22.5	18.5	14.5	10	5.5			
B	QSm70	0.55	0.75		58	53	47	42	37	32	27	22	17	12	
C	QSm80	0.75	1		65	58.5	52.5	47.5	42	37	32	27	22	17	12

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	QSm60	1"X1"	8.3	300X230X275
B	QSm70	1"X1"	12.3	325X260X290
C	QSm80	1"X1"	13.6	325X260X290



# GP125

## Self-priming Peripheral Pumps



PROFESSIONAL WATER-PUMP MANUFACTURER

GP series self-priming water pumps are suitable for pumping clean water. Thanks to the specific shape of the impeller, peripheral pumps can reach high pressures. They are particularly suitable for domestic applications such as supply water from well, pool etc. The automatic distribution of water from surge tanks, and increasing of water pressure.



### Operating Limits

Suction lift up to 9m

Fluid temperature up to 60°C

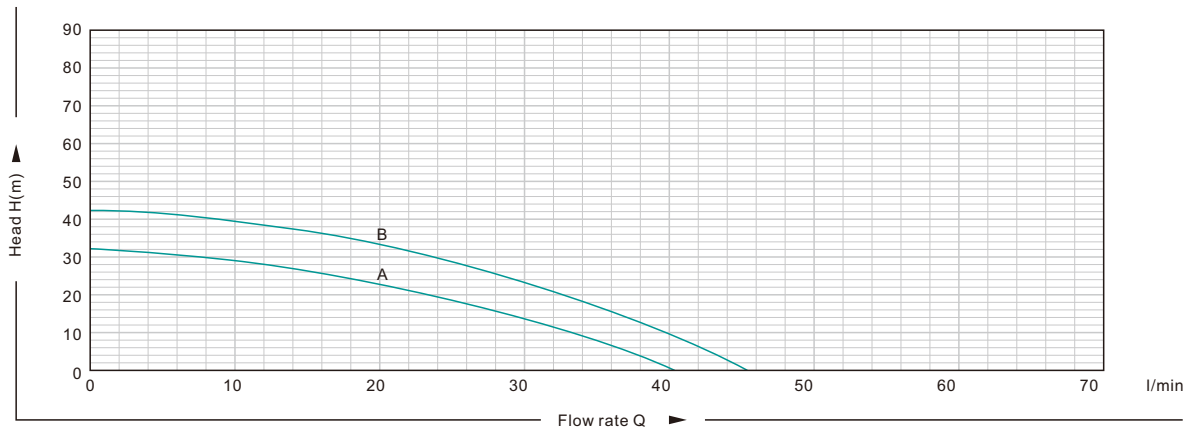
Maximum ambient temperature 40°C

### Standard Data And Equipment

Single phase 220V/50Hz. Brass impeller, carbon steel motor shaft, with thermal protector inside.

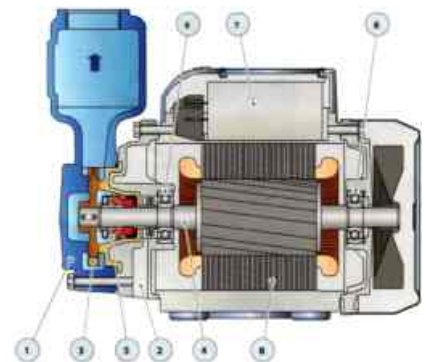
Other model and material such as three phase, 110V, 60Hz, dual voltage, stainless shaft, ect, will be available upon request.

No.	Type	Power		H.max m	Q.max L/min	Size inch	S.head m	Packing QTY
		kW	HP					
A	GP125	0.125	0.17	32	40	1"X1"	9	2000
B	GP-200	0.20	0.27	42	45	1"X1"	9	2000



### POS.COMPONENT CONSTRUCTION CHARACTERISTICS

1 PUMP BODY	Cast iron, complete with threaded parts in compliance with ISO228/1				
2 MOTOR BRACKET	Aluminium with brass insert(patented), reduces the risk of impeller seizure				
3 IMPELLER	Brass, with peripheral radial vanes seizure				
4 MOTOR SHAFT	Stainless steel EN 10088-3-1.14104				
5 MECHANICAL SEAL	Pump	Seal	shaft	Materials	
	Model	Model	Diameter	Stationary ring	Rotational ring
	GP125	AR-12	Φ14mm	Ceramic	Graphite
6 BEARINGS	Pump	Model			
	GP125	6201zz/6201zz			
7 CAPACITOR	Pump	Capacitance			
	single-phase	(230V or 240V)		(110V)	
	GP125	10µF450VL		25µF250VL	
8 ELECTRIC MOTOR	GP: single-phase 230V-50Hz with thermal overload protector built-in to the winding.				
	GP: Three-phase 230/400V-50Hz.				
	Pumps fitted with the three-phase motor option offer IE2(IEC 60034-30) class high performance				
	Insulation: F class.				
	Protection: IP X4.				



### Motor

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

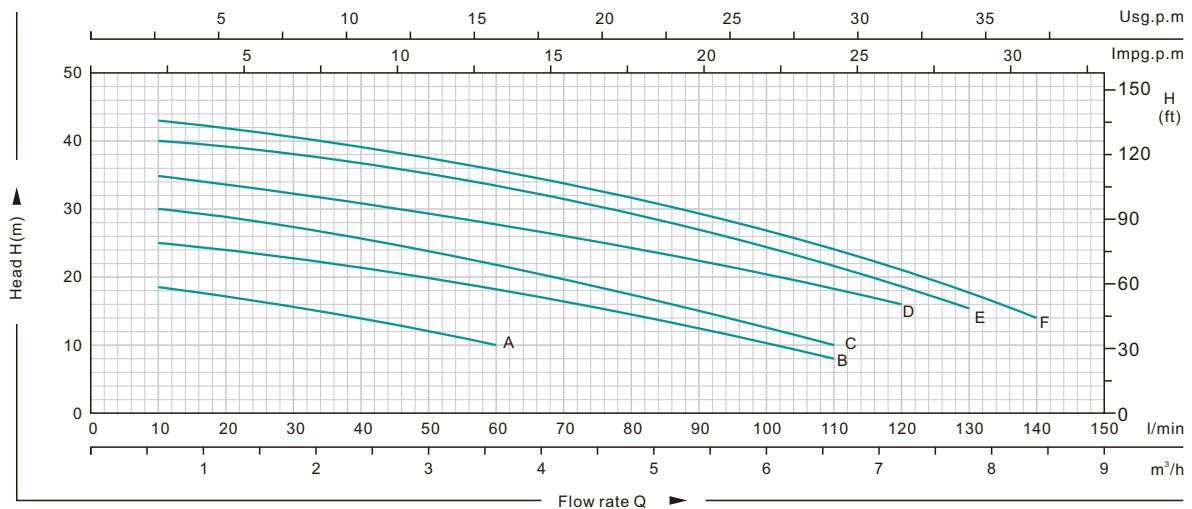
### Operating conditions

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



### Component Construction

Pump body:	Cast iron	Bearings:	6201 R2/6201 RZ (0.5 H P, except HCT 18S), 6202 R2/6202 RZ (0.75HP&IHP&HCT-18S&HGAM-75), 6204 R2/6204 RZ (1.5HP&2HP&CPM200/200-3), 6204 R2/6304 RZ (HTM), 6204 R2/6205 RZ (CPF-80)
Pump support:	Cast iron		
Motor housing:	Aluminum		
Impeller:	Brass		
Motor shaft:	Carbon steel, AIS1420/304 SS if request		
Mechanical seal:	Ceramic/Graphite		

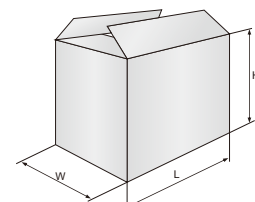


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	8.4	
		kw	HP		Q(l/min)	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140
A	CPM130	0.37	0.5	H	20	18.5	17	15.5	14	12	10									
B	CPM146	0.55	0.75		26	25	24	23	21.5	20	18.5	17	15	13	10.5	7.5				
C	CPM158	0.75	1		32	30.5	29	27.5	25.8	24	22.5	20.5	18.5	16	13	10				
D	CPM180	1.1	1.5		36	35	34	33	31.5	30	28.5	26.5	25	23	20.5	18	15.5			
E	CPM190	1.5	2		41	40	39	38	36.5	35	33.5	32	30	27.5	25	22	18.5	15		
F	CPM200	2.2	3		44	43	42	41	39.5	38	36	34	32	29.5	26.5	23.5	20.5	17	14	

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	CPM130	1"X1"	8.5	270X190X240
B	CPM146	1"X1"	11.5	320X200X255
C	CPM158	1"X1"	13.5	320X215X270
D	CPM180	1"X1"	20	360X260X325
E	CPM190	1"X1"	21	360X260X325
F	CPM200	1"X1"	22	360X260X325



# CPM-2

## Centrifugal Pumps Series



PROFESSIONAL WATER-PUMP MANUFACTURER

### Motor

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

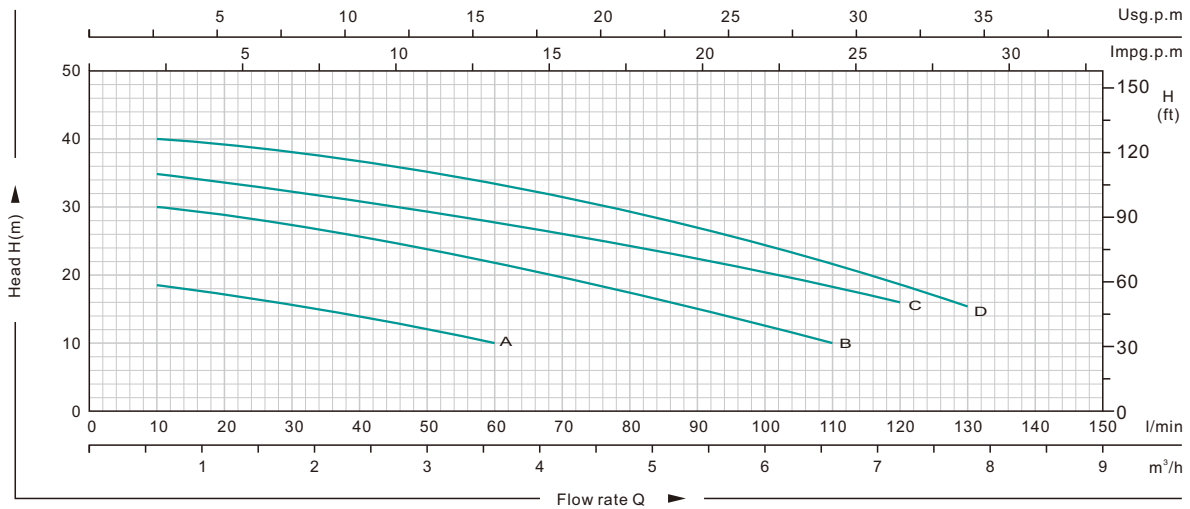


### Operating conditions

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

### Component Construction

Pump body:	Cast iron	Bearings:	6201 R2/6201 RZ (0.5 HP, except HCT-18S), 6202 R2/6202 RZ (0.75HP&IHP&HCT-18S&HGAM-75), 6204 R2/6204 RZ (1.5HP&2HP&CPM200/200-3), 6204 R2/6304 RZ (HTM), 6204 R2/6205 RZ (CPF-80)
Pump support:	Aluminum		
Motor housing:	Aluminum		
Impeller:	Brass		
Motor shaft:	Carbon steel, AIS1420/304 SS if request		
Mechanical seal:	Ceramic/Graphite		

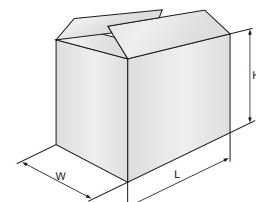


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	Flow rate (Q)														
		kw	HP		0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.8	
A	CPM130-2	0.37	0.5	H	20	18.5	17	15.5	14	12	10								
B	CPM158-2	0.75	1		32	30.5	29	27.5	25.8	24	22.5	20.5	18.5	16	13	10			
C	CPM180-2	1.1	1.5		36	35	34	33	31.5	30	28.5	26.5	25	23	20.5	18	15.5		
D	CPM190-2	1.5	2		41	40	39	38	36.5	35	33.5	32	30	27.5	25	22	18.5	15	

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	CPM130-2	1"X1"	8	290X190X240
B	CPM158-2	1"X1"	12	310X220X270
C	CPM180-2	1"X1"	18	380X230X290
D	CPM190-2	1"X1"	19	380X230X290



# CP150N

Centrifugal Pumps Series



PROFESSIONAL WATER-PUMP MANUFACTURER

## Motor

These pumps are suitable for handling clean water not containing abrasive particles and fluids which are not chemically aggressive to the pump components. They are extremely reliable, simple to use, quiet and virtually maintenance-free, finding many uses in domestic and civil applications, and in particular the automatic distribution of water from small and medium-sized surge tanks, transferring water, watering gardens, etc.



## Performance Range

Flow rate up to 140L/min (8.4m<sup>3</sup>/h)  
Head up to 45m

## Operating Limits

Suction lift up to 9m  
Fluid temperature up to 60°C  
Maximum ambient temperature 40°C

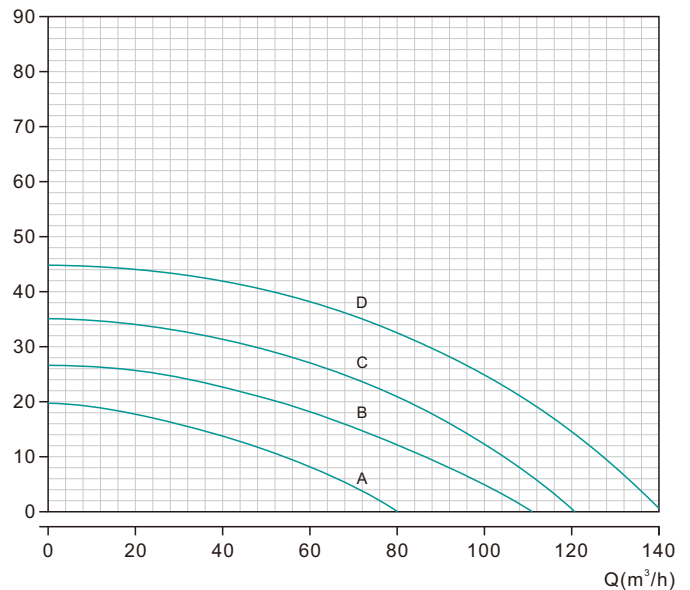
No.	Type	Power		H.max m	Q.max L/min	Size inch	S.head m	N.W kg	Packing QTY
		kW	HP						
A	CP130N	0.37	0.5	20	80	1"X1"	9	7.58	2300
B	CP158N	0.75	1	35	120	1"X1"	9	12.5	1600
C	CP170N	1.1	1.5	42	130	1.25"X1"	9	19.5	1300
D	CP190N	1.5	2	45	140	1.25"X1"	9	20.5	1300

## Standard Data And Equipment

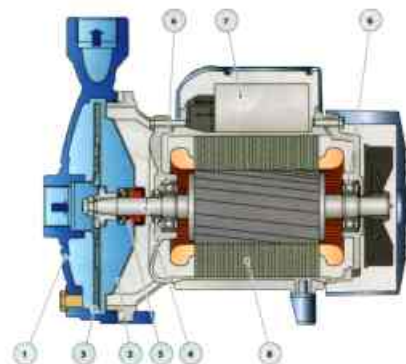
Single phase 220V/50Hz. Brass impeller, carbon steel motor shaft, with thermal protector inside.

Other model and material such as three phase, 110V, 60Hz, dual voltage, stainless shaft, etc., will be available upon request.

H(m) Performance chart at n=2850min



POS. COMPONENT	CONSTRUCTION CHARACTERISTICS					
1 PUMP BODY	Cast iron, complete with threaded parts in compliance with ISO228/1					
2 MOTOR BRACKET	Aluminium with brass insert (patented), reduces the risk of impeller seizure					
3 IMPELLER	Brass, with peripheral radial vanes seizure					
4 MOTOR SHAFT	Stainless steel EN 10088-3-1.14104					
5 MECHANICAL SEAL	Pump	Seal	shaft	Materials		
	Model	Model	Diameter	stationary ring	Rotational ring	Elastomer
	CP130	AR-12	Φ12mm	ceramic	Graphite	NBR
	CP146-158	AR-14	Φ14mm	ceramic	Graphite	NBR
	CP170-190	AR-18	Φ18mm	ceramic	Graphite	NBR
6 BEARINGS	Pump	Model				
	CP130N	6201zz/6201zz				
	CP158N	6202zz/6202zz				
	CP170N	6203zz/6203zz				
	CP190N	6203zz/6203zz				
7 CAPACITOR	Pump	Capacitance	(110V)			
	single-phase	(230V or 240V)		25µF250VL		
	CP 130	10µF450VL	40µF250VL			
	CP 146-158	16µF450VL	60µF250VL			
	CP 170	30µF450VL	80µF250VL			
	CP 190	45µF450VL				
8 ELECTRIC MOTOR	CP: single-phase 230V-50Hz with thermal overload protector built-in to the winding.					
	CP: Three-phase 230/400V-50Hz.					
	Pumps fitted with the three-phase motor option offer IE2(IEC 60034-30) class high performance					
	Insulation: F class.					
	Protection: IP X4.					



### Motor

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

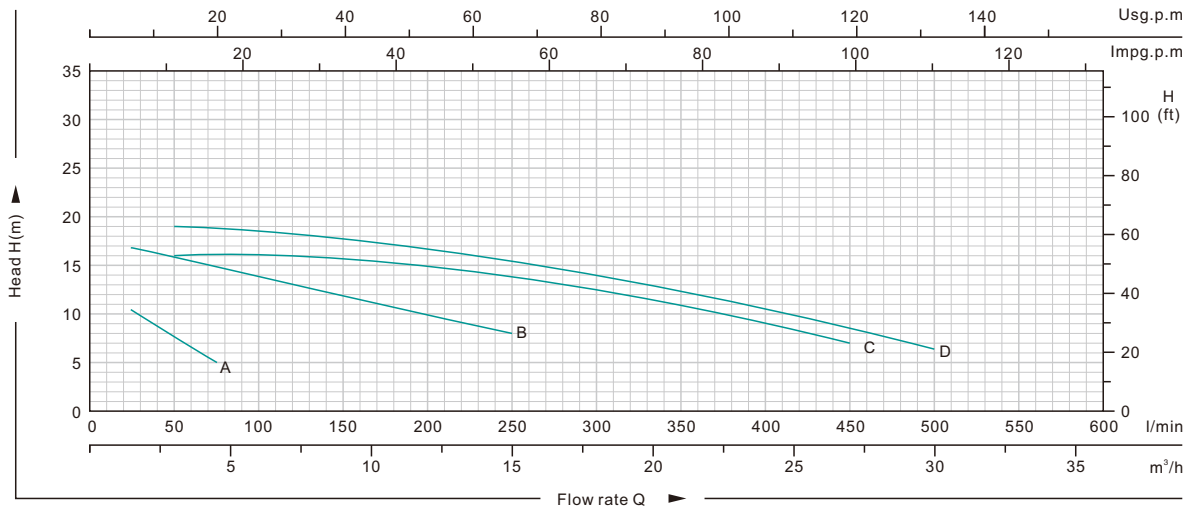


### Operating conditions

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

### Component Construction

Pump body:	Cast iron, AISI304 SS for HCT	Bearings:	6201 R2/6201 RZ (0.5 H.P, except CT 18S), 6202 R2/6202 RZ(0.75HP&IHP&CT-18S&GAM-75), 6204 R2/6204 RZ (1.5HP&2HP&CPM200/200-3), 6204 R2/6304 RZ (TM), 6204 R2/6205 RZ (CPF-80)
Pump support:	Cast iron, Aluminum for CPM 2&HCT 18S/20S/26S		
Motor housing:	Aluminum		
Impeller:	Brass, AISI304 SS for HCT		
Motor shaft:	Carbon steel, AIS1420/304 SS if request		
Mechanical seal:	Ceramic/Graphite		

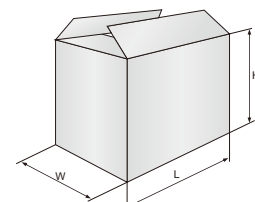


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	1.5	3.0	4.5	6.0	9.0	12.0	15.0	18.0	21.0	24.0	27.0	30.0		
		kw	HP		Q(l/min)	0	25	50	75	100	150	200	250	300	350	400	450	500	
A	1DK-14	0.37	0.5	H	13		8	5.5											
B	1.5DK-20	0.75	1		18		16	15	14	12	10	8							
C	2DK-16	1.1	1.5		17	10.5	16.5	16.3	16	15.5	15	14	12.5	11	9	7			
D	2DK-20	1.5	2		20	17	19.3	19	18.5	17.7	16.7	15.5	14.2	12.5	10.5	8.5	6.5		

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	1DK-14	1"X1"	7.3	285X170X200
B	1.5DK-20	1½"X1½"	10.7	315X175X210
C	2DK-16	2"X2"	16	370X220X230
D	2DK-20	2"X2"	17	370X220X230



### Motor

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

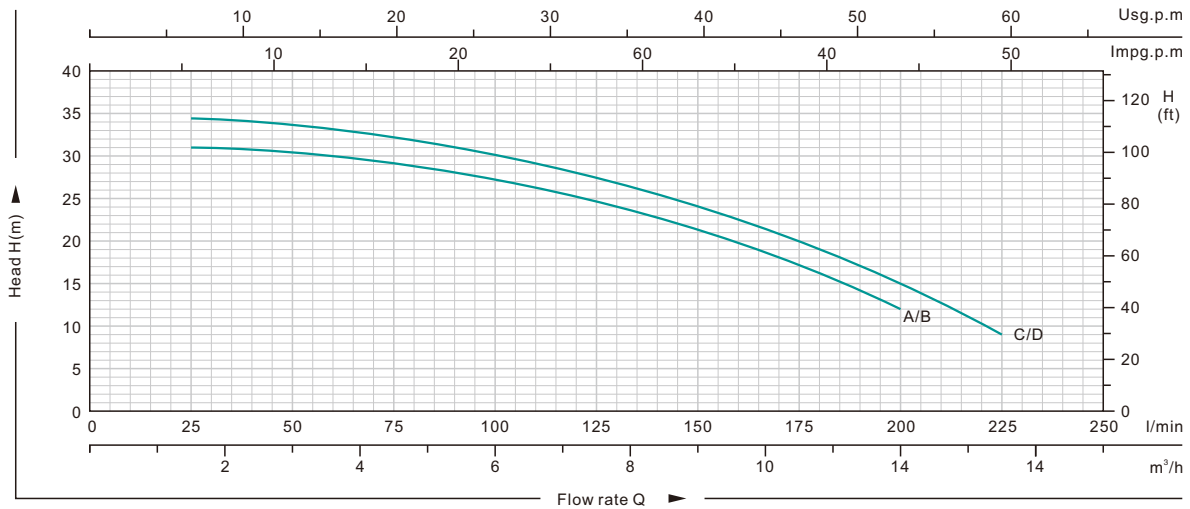


### Operating conditions

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

### Component Construction

Pump body:	Cast iron, AISI304 SS for HCT	Bearings:	6201 R2/6201 RZ (0.5 HP, except CT 18S), 6202 R2/6202 RZ (0.75HP&IHP&CT-18S&GAM-75), 6204 R2/6204 RZ (1.5HP&2HP&CPM200/200-3), 6204 R2/6304 RZ (TM), 6204 R2/6205 RZ (CPF-80)
Pump support:	Cast iron, Aluminum for CPM 2&HCT 18S/20S/26S		
Motor housing:	Aluminum		
Impeller:	Brass, AISI304 SS for HCT		
Motor shaft:	Carbon steel, AISI420/304 SS if request		
Mechanical seal:	Ceramic/Graphite		

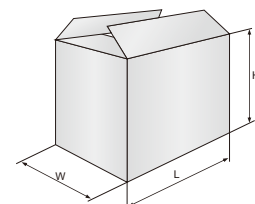


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	1.5	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5
		kw	HP		Q(l/min)	0	25	50	75	100	125	150	175	200
A	CM25-160B	11	1.5	H	32	31.5	30.5	29.5	27.5	25	21.5	17.5	12.0	
B	CM40-160B	11	1.5		32	31.5	20.5	29.5	27.5	25	21.5	17.5	12.0	
C	CM25-160A	1.5	2		35	34.5	34	32.5	30.5	28	24.5	20	15.0	9.0
D	CM40-160A	1.5	2		35	34.5	34	32.5	30.5	28	24.5	20	15.0	9.0

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	CM25-160B	1½"x1"	21	370X230X285
B	CM40-160B	1½"x1½"	21.2	370X230X285
C	CM25-160A	1½"x1"	22	370X230X285
D	CM40-160A	1½"x1½"	22.2	370X230X285



### Motor

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

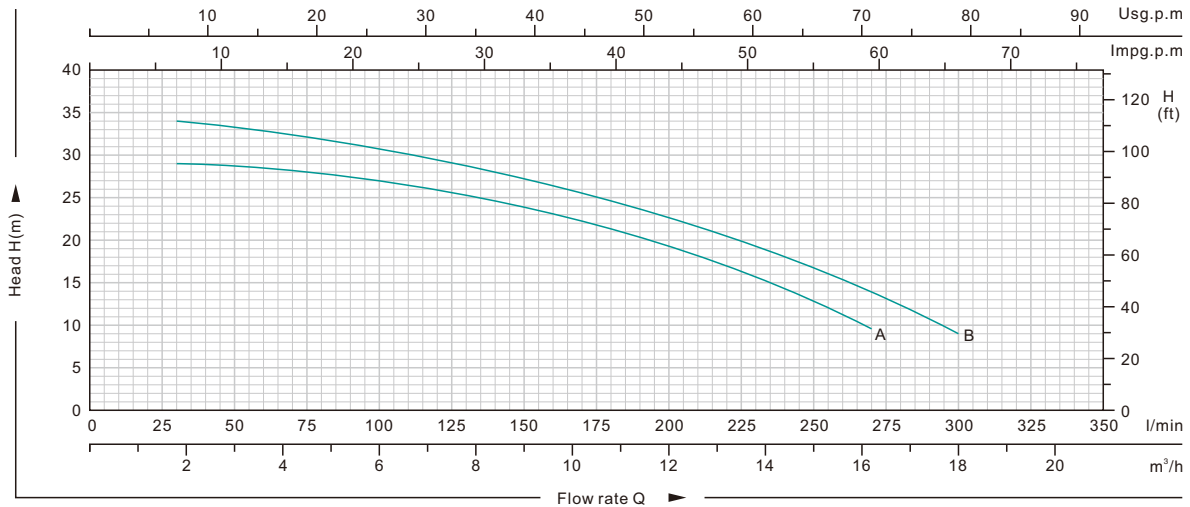


### Operating conditions

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

### Component Construction

Pump body:	Cast iron, AISI304 SS for HCT	Bearings:	6201 R2/6201 RZ (0.5 H P, except CT 18S), 6202 R2/6202 RZ (0.75HP&IHP&CT-18S&GAM-75), 6204 R2/6204 RZ (1.5HP&2HP&CPM200/200-3), 6204 R2/6304 RZ (TM), 6204 R2/6205 RZ (CPF-80)
Pump support:	Cast iron, Aluminum for CPM 2&HCT 18S/20S/26S		
Motor housing:	Aluminum		
Impeller:	Brass, AIS1304 SS for HCT		
Motor shaft:	Carbon steel, AIS1420/304 SS if request		
Mechanical seal:	Ceramic/Graphite		

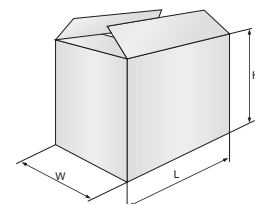


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2	18.0
		kw	HP		0	30	60	90	120	150	180	210	240	270	300
A	CK-30	1.1	1.5	H	30	29	28.5	27.5	26	24.5	22	18.5	14.5	9.0	
B	CK-36	1.5	2		36	34.5	33	31.5	29.5	27.5	25	22	18.5	14.0	8.0

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	CK-30	1½"x1"	19	355X220X285
B	CK-36	1½"x1"	20	355X220X285



### Motor

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

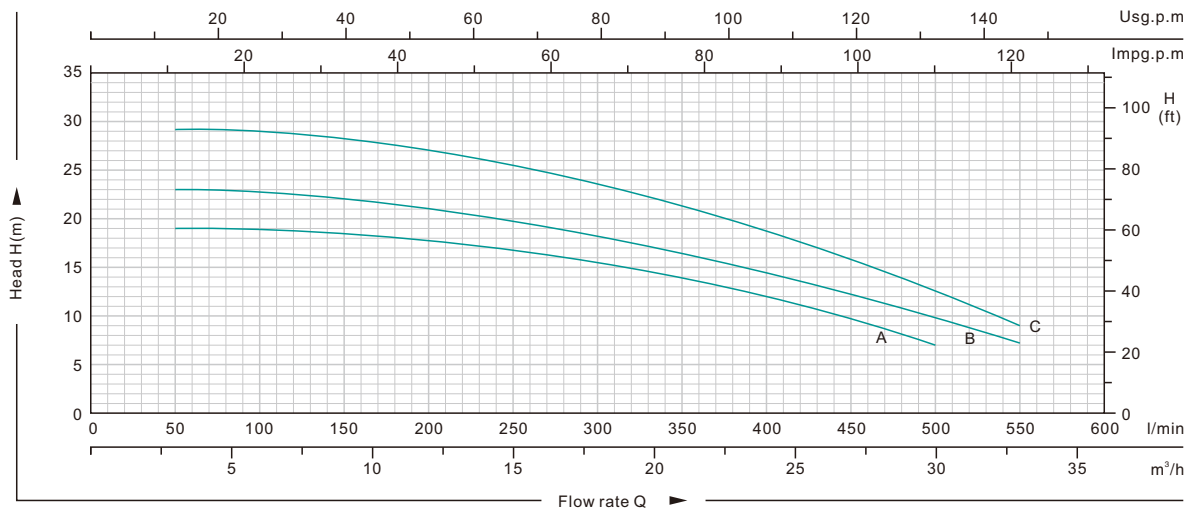


### Operating conditions

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

### Component Construction

Pump body:	Cast iron, AISI304 SS for HCT	Bearings:	6201 R2/6201 RZ (0.5 H P, except CT 18S), 6202 R2/6202 RZ(0.75HP&IHP&CT-18S&GAM-75), 6204 R2/6204 RZ (1.5HP&2HP&CPM200/200-3), 6204 R2/6304 RZ (TM), 6204 R2/6205 RZ (CPF-80)
Pump support:	Cast iron, Aluminum for CPM 2&HCT 18S/20S/26S		
Motor housing:	Aluminum		
Impeller:	Brass, AISI304 SS for HCT		
Motor shaft:	Carbon steel, AISI420/304 SS if request		
Mechanical seal:	Ceramic/Graphite		

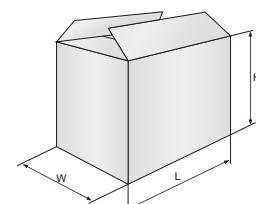


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	3.0	6.0	9.0	12.0	15.0	18.0	21.0	24.0	27.0	30.0	33.0
		kw	HP		Q(l/min)	0	50	100	150	200	250	300	350	400	450	500
A	CPF-60	1.1	1.5	H	20	19.5	19	18.2	17.5	16.8	15.5	14	12.0	10.0	7.0	
B	CPF-70	1.5	2		24	23.5	22.5	21.5	20.5	19.5	18	16.5	14.5	12.5	10.0	7.0
C	CPF-80	2.2	3		30	29.5	29	28	27	25.5	24	21.5	19	16	12.5	9.0

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	CPF-60	2"x2"	22.5	400X235X310
B	CPF-70	2"x2"	23.5	400X235X310
C	CPF-80	2"x2"	28	415X235X310



### Motor

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

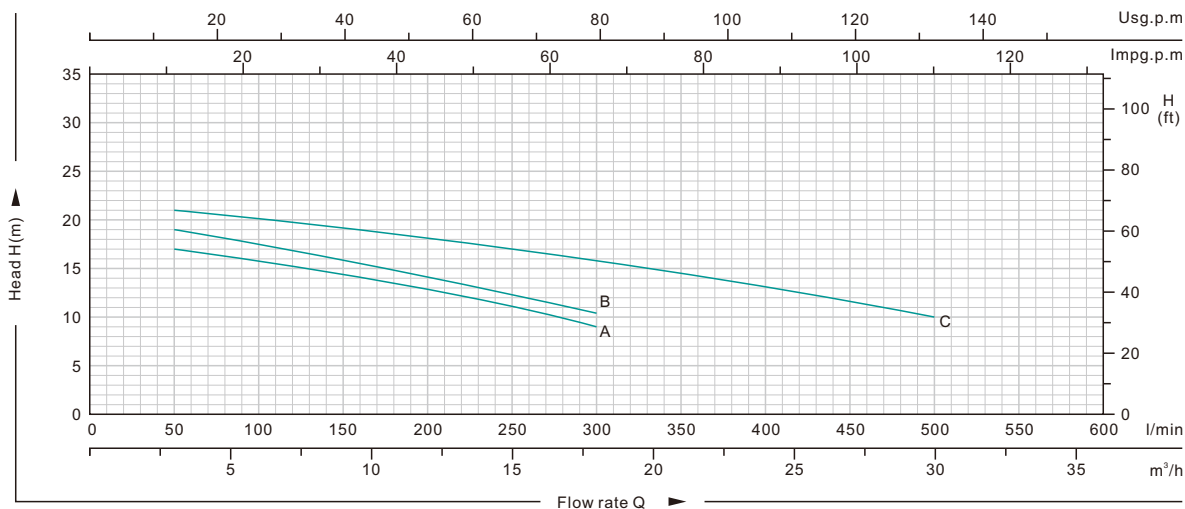


### Operating conditions

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

### Component Construction

Pump body:	Cast iron, AISI304 SS for HCT	Bearings:	6201 R2/6201 RZ (0.5 H P, except CT 18S), 6202 R2/6202 RZ (0.75HP&IHP&CT-18S&GAM-75), 6204 R2/6204 RZ (1.5HP&2HP&CPM200/200-3), 6204 R2/6304 RZ (TM), 6204 R2/6205 RZ (CPF-80)
Pump support:	Cast iron, Aluminum for CPM 2&HCT 18S/20S/26S		
Motor housing:	Aluminum		
Impeller:	Brass, AISI304 SS for HCT		
Motor shaft:	Carbon steel, AISI420/304 SS if request		
Mechanical seal:	Ceramic/Graphite		

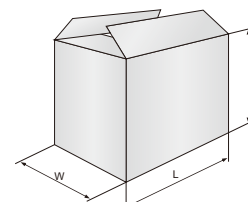


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	3.0	6.0	9.0	12.0	15.0	18.0	21.0	24.0	27.0	30.0	
		kw	HP		Q(l/min)											
A	GAM-70	0.75	1	H	18	17	16	15	13.5	11.5	9					
B	GAM-75	11	1.5		20	19	17.5	16	14.5	12.5	10.5					
C	GAM-80	1.5	2		22	21	20	19	18	17	16	15	13.5	12	10	

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	GAM-70	1½"x1½"	14.5	340X220X270
B	GAM-75	1½"x1½"	15	340X220X270
C	GAM-80	2"x2"	21.5	395X235X295



### Motor

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

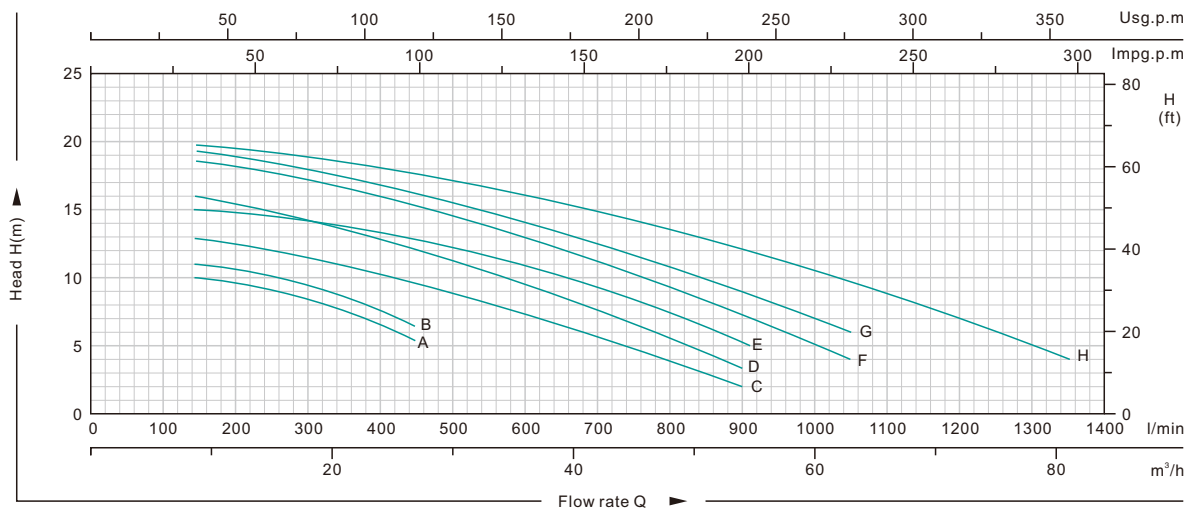
### Operating conditions

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



### Component Construction

Pump body:	Cast iron, AISI304 SS for HCT	Bearings:	6201 R2/6201 RZ (0.5 H.P, except CT 18S), 6202 R2/6202 RZ (0.75HP&IHP&CT-18S&GAM-75), 6204 R2/6204 RZ (1.5HP&2HP&CPM200/200-3), 6204 R2/6304 RZ (TM), 6204 R2/6205 RZ (CPF-80)
Pump support:	Cast iron, Aluminum for CPM 2&HCT 18S/20S/26S		
Motor housing:	Aluminum		
Impeller:	Brass, AISI304 SS for HCT		
Motor shaft:	Carbon steel, AIS1420/304 SS if request		
Mechanical seal:	Ceramic/Graphite		

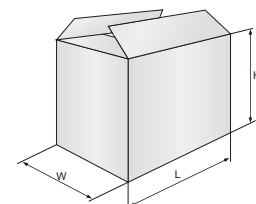


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	9.0	18.0	27.0	36.0	45.0	54.0	63.0	72.0	81.0
		kw	HP		Q(l/min)	0	150	300	450	600	750	900	1050	1200
A	FM-70	0.75	1	H	11	10	8.5	5.5						
B	FM-75	1.1	1.5		12	11	9.5	6.5						
C	FM-80	1.5	2		14	13	11.5	9.5	7.5	5	2			
D	FM-85	2.2	3		17	16	14.5	12	9.5	6.5	3.5			
E	FM-90	2.2	3		16	15	14	13	11	8.5	5			
F	FM-95	3	4		18	18.5	17.5	15	13	10.2	7.5	4		
G	FM-100	3	4		19	19.5	18	16	14	11.5	9	6		
H	FM-105	4	5.5		20.5	20	19	17.5	16	14.5	12	10	7	4

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)	(kg)	(mm)
A	FM-70	2"x2"	16	355X215X275
B	FM-75	2"x2"	17	355X215X275
C	FM-80	3"x3"	26	420X265X340
D	FM-85	3"x3"	27.5	420X265X340
E	FM-90	4"x4"	31	440X265X340
F	FM-95	4"x4"	35	465X265X340
G	FM-100	3"x3"	32	470X275X340
H	FM-105	4"x4"	39	485X275X340



### Motor

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

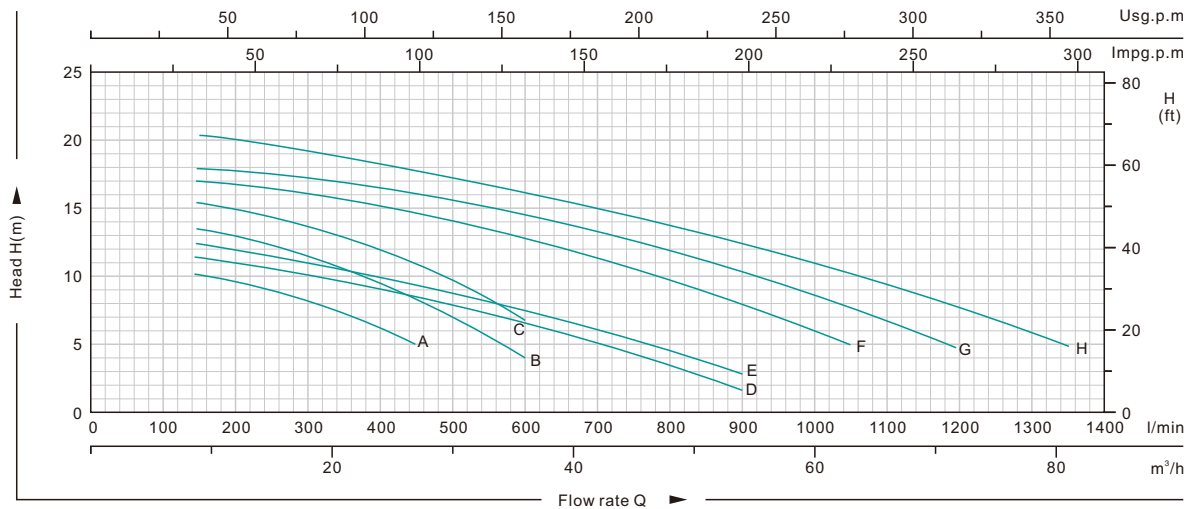
### Operating conditions

Liquid temperature up to 60°C  
 Ambient temperature up to 40°C  
 Total suction lift up to 8M



### Component Construction

Pump body:	Castiron	Bearings:	6202 RZ/6202RZ(NF-128A), 6204 RZ/6204 RZ(NF-129B/129A/130C/130B) 6205 RZ/6304RZ(NF-130A), 6205 RZ/6206 RZ(NF 131B/131A)
Pump support:	Castiron		
Motor housing:	Aluminum		
Impeller:	Brass		
Motor shaft:	Carbon steel, AISI420/304 SS if request		
Mechanical seal:	Ceramic/Graphite		

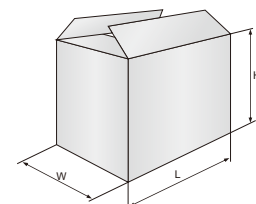


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

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

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	NF-128A	2"x2"	18.5	380X225X300
B	NF-129B	2"x2"	22	410X225X300
C	NF-129A	2"x2"	23.5	410X225X300
D	NF-130C	3"x3"	28.5	440X280X350
E	NF-130B	3"x3"	30	440X280X350
F	NF-130A	3"x3"	35	485X280X350
G	NF-131B	3"x3"	38	500X285X350
H	NF-131A	3"x3"	40	500X285X350



### Motor

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

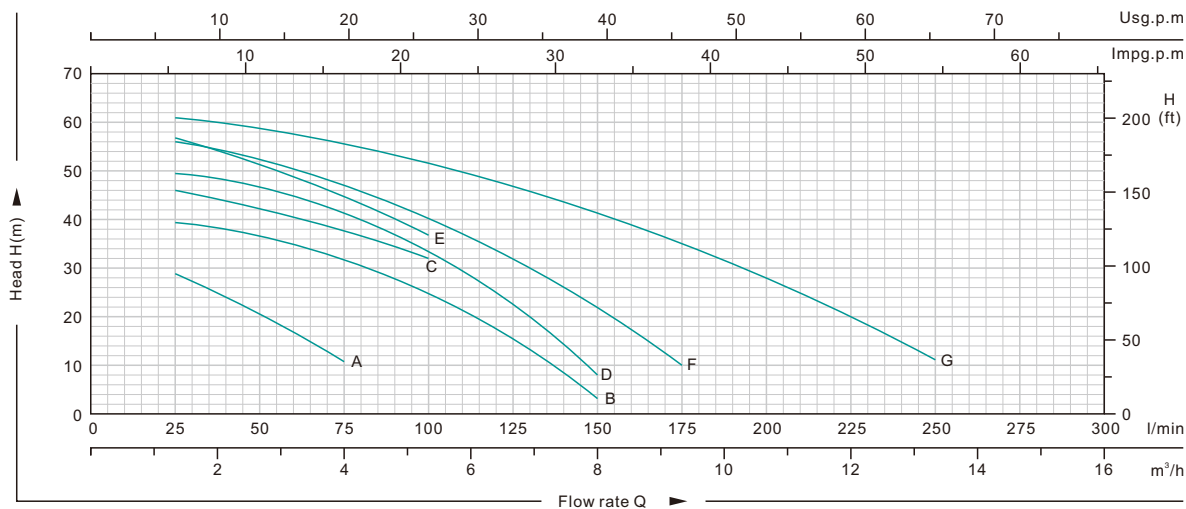


### Operating conditions

Liquid temperature up to 60°C  
 Ambient temperature up to 40°C  
 Total suction lift up to 8M

### Component Construction

Pump body:	Castiron	Bearings:	6202 RZ/6202RZ(NF-128A), 6204 RZ/6204 RZ(NF-129B/129A/130C/130B) 6205 RZ/6304RZ(NF-130A), 6205 RZ/6206 RZ(NF 131B/131A)
Pump support:	Castiron		
Motor housing:	Aluminum		
Impeller:	Brass		
Motor shaft:	Carbon steel, AISI420/304 SS if request		
Mechanical seal:	Ceramic/Graphite		

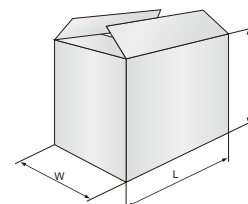


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	1.5	3.0	4.5	6.0	7.5	9.0	10.5	12	13.5	15	
		kw	HP		Q(l/min)	0	25	50	75	100	125	150	175	200	225	250
A	2CP-130	0.75	1	H	38	29	21	11								
B	2CP-140M	1.1	1.5		45	40	37	32	26	16	3					
C	2CP-140H	1.1	1.5		50	46	42.5	38	32.5							
D	2CP-160B	1.5	2		54	50	47	42	34	24	8					
E	2CP-160	1.5	2		61	57	51.5	45	37							
F	2CP-180	2.2	3		60	56.5	53	48	41	32.5	22	10				
G	2CP-200	3	4		65	61.5	59	56	52	47	42	36	29	21	10	

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	2CP-130	1½"x1"	16	370x210x245
B	2CP-140M	1½"x1"	22	410x230x275
C	2CP-140H	1½"x1"	22	410x230x275
D	2CP-160B	1½"x1"	27	435x250x285
E	2CP-160	1½"x1"	26	435x250x285
F	2CP-180	1½"x1"	32	465x270x335
G	2CP-200	1½"x1"	42	500x290x335



# MC-SA

## Multi-stage Pumps Series



PROFESSIONAL WATER-PUMP MANUFACTURER

### Motor

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

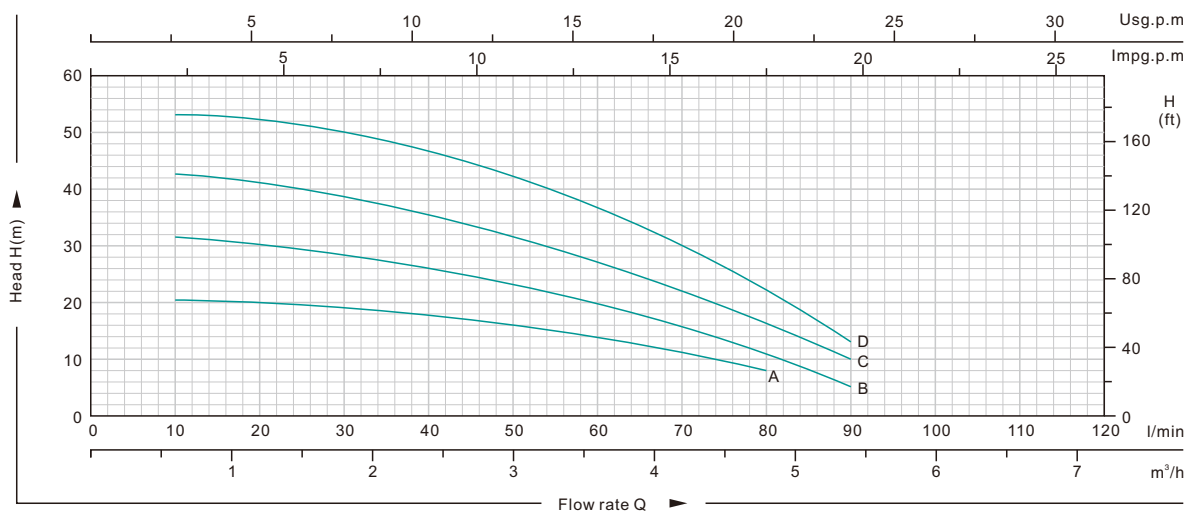


### Operating conditions

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

### Component Construction

Pump body:	Cast iron+Stainless steel	Bearings:	6202 R2/6302 RZ (MC-S), 6202 R2/6203 RZ (MC-IA), 6201 R2/6201 RZ(MC-SD), 6202 R2/6202 RZ(MC-SA/SP), 6203 R2/6204 RZ (MC-SC), 6204 RZ /6204 RZ(MC-SE/SF)
Pump support:	Cast iron		
Motor housing:	Aluminum, Alloy for MC-SD/S E/S F/SP		
Impeller:	PPO, AIS1304 SS if request		
Motor shaft:	AISI420 SS. AIS1304 SS if request		
Mechanical seal:	Ceramic/Graphite		

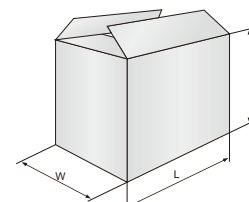


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4
		kw	HP											
				Q(l/min)	0	10	20	30	40	50	60	70	80	90
A	MC-2SA	0.37	0.5	H	22	21	20	19	18	16.5	14	11	8	
B	MC-3SA	0.55	0.75		33	32	30	28	26	23.5	20	16	11	5
C	MC-4SA	0.75	1		44	43	40.5	38.5	36	32	27	22	16	10
D	MC-5SA	0.9	1.2		55	54	52	50	47	43	37	30	22	13

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	MC-2SA	1"x1"	9	390X200X205
B	MC-3SA	1"x1"	10	415X200X205
C	MC-4SA	1"x1"	11	440X200X205
D	MC-5SA	1"x1"	12	465X200X205



### Motor

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

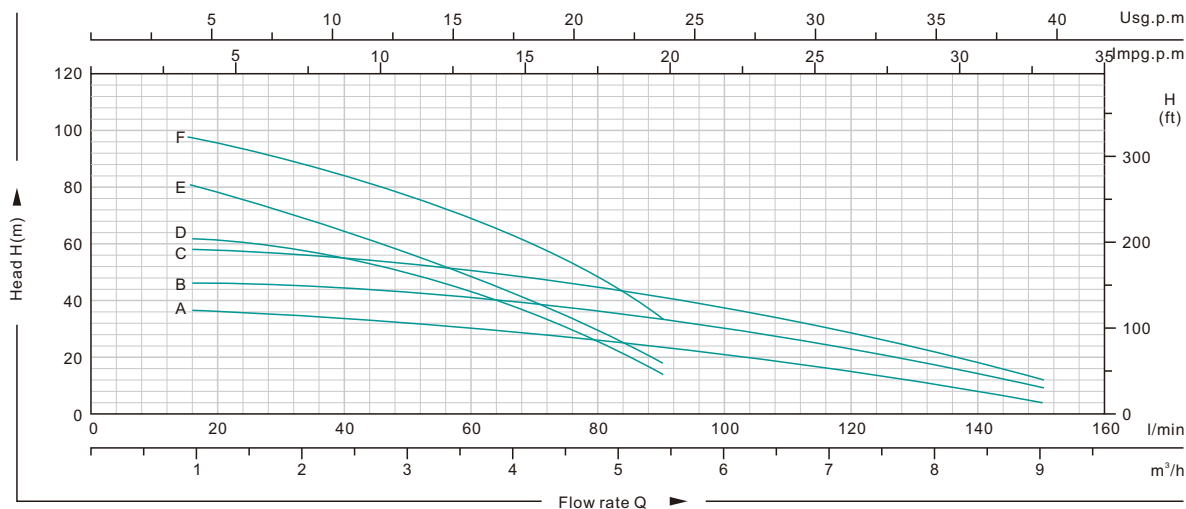


### Operating conditions

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

### Component Construction

Pump body:	Cast iron+Stainless steel	Bearings:	6202 R2/6302 RZ (MC-S), 6202 R2/6203 RZ (MC-IA), 6201 R2/6201 RZ (MC-SD), 6202 R2/6202 RZ (MC-SA/SP), 6203 R2/6204 RZ (MC-SC), 6204 RZ /6204 RZ (MC-SE/SF)
Pump support:	Cast iron		
Motor housing:	Aluminum, Alloy for MC-SD/S E/S F/SP		
Impeller:	PPO, AIS1304 SS if request		
Motor shaft:	AISI420 SS. AIS1304 SS if request		
Mechanical seal:	Ceramic/Graphite		

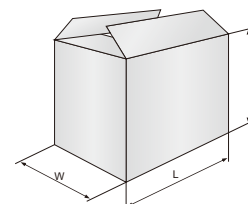


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8.1	9.0
		kw	HP		Q(l/min)	0	15	30	45	60	75	90	105	120	135
A	MC-3SC	1.1	1.5	H	36	35	34	32	30	27	23	19	15	10	5
B	MC-4SC	1.5	2		46	47	46	44	41	38	34	29	23	17	8
C	MC-5SC	1.8	2.5		60	58.5	57	55	51	46	41	35	28	20	10
D	MC-6SC	1.1	1.5		66	62	58	52	44	33	14				
E	MC-8SC	1.5	2		88	81	73	64	51	36	18				
F	MC-10SC	2.2	3		110	100	91	82	70	54	34				

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	MC-3SC	1¼"X1"	15	440x210x240
B	MC-4SC	1¼"X1"	16	465x210x240
C	MC-5SC	1¼"X1"	17	490x210x240
D	MC-6SC	1X1"	16.5	515x210x240
E	MC-8SC	1X1"	18.5	565x210x240
F	MC-10SC	1X1"	20	625x210x240



These pumps are suitable for pumping clean water and fluids which are not chemically aggressive to the pump components. They are extremely reliable, economical and simple to use, being particularly suitable for domestic applications medium-sized surge tanks, watering gardens, etc. These pumps should be installed in a covered area, protected against the weather. N.B. it is always advisable to install a foot valve or non-return valve on the suction opening.



### Performance Range

Flow rate up to 80L/min (4.8m<sup>3</sup>/h)  
Head up to 55m

No.	Type	Power		H.max	Q.max	Size	S.head	Packing QTY
		kW	HP	m	L/min	inch	m	
A	JSW-8M	0.37	0.5	35	50	1"X1"	9	1800
B	JSW-10M	0.75	1	46	80	1"X1"	9	1450
C	JSW-15M	1.1	1.5	55	80	1"X1"	9	900

### Operating Limits

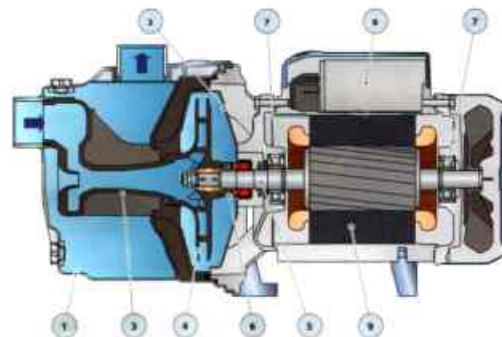
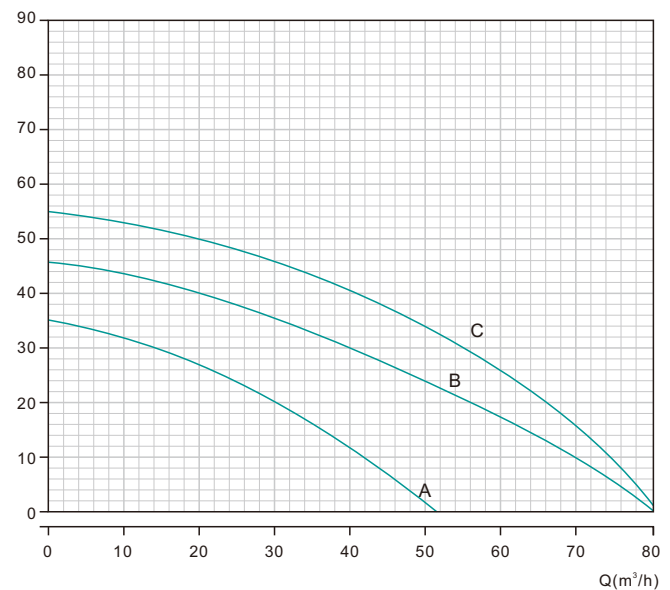
Suction lift up to 9m  
Fluid temperature up to 60°C  
Maximum ambient temperature 40°C

### Standard Data And Equipment

Single phase 220V/50Hz. Brass impeller, carbon steel motor shaft, with thermal protector inside.  
Other model and material such as three phase, 110V, 60Hz, dual voltage, stainless shaft, ect, will be available upon request.

POS. COMPONENT	CONSTRUCTION CHARACTERISTICS				
1 PUMP BODY	Cast iron, complete with threaded parts in compliance with ISO228/1				
2 MOTOR BRACKET	Stainless stand AISI304				
3 NOZZLE ASSEMBLY	Noryl FE1520PW				
4 IMPELLER	Stainless steel AISI 304				
5 MOTOR SHAFT	Stainless steel AISI 304 EN 10088-3-1.14104				
6 MECHANICAL SEAL	seal	shaft			Materials
	model	Diameter	stationary ring	Rotational ring	Elastomer
	AR-14	Φ14mm	ceramic	Graphite	NBR
7 BEARINGS	6203zz/6203zz				
8 CAPACITOR	Pump	Capacitance			
	single-phase	(230V or 240V)		(110V)	
	JSW-8M	10μF450VL		20μF250VL	
	JSW-10M	20μF450VL		45μF250VL	
	JSW-15M	35μF450VL		60μF250VL	
9 ELECTRIC MOTOR	JSW: single-phase 230V-50Hz with thermal overload protector built-in to the winding.				
	JSW: Three-phase 230/400V-50Hz.				
	Pumps fitted with the three-phase motor option offer IE2(IEC 60034-30) class high performance				
	Insulation: F class.				
	Protection: IP X4.				

H(m) Performance chart at n=2850min



These pumps are suitable for pumping clean water and fluids which are not chemically aggressive to the pump components. They are extremely reliable, economical and simple to use, being particularly suitable for domestic applications medium-sized surge tanks, watering gardens, etc. These pumps should be installed in a covered area, protected against the weather. N.B. it is always advisable to install a foot valve or non-return valve on the suction opening.



### Performance Range

Flow rate up to 80L/min (4.8m<sup>3</sup>/h)  
Head up to 55m

### Operating Limits

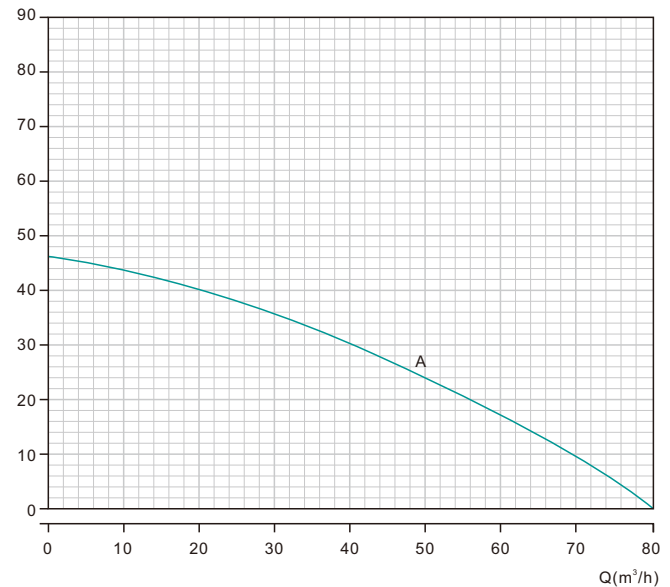
Suction lift up to 9m  
Fluid temperature up to 60°C  
Maximum ambient temperature 40°C

No.	Type	Power		H.max	Q.max	Size	S.head	Packing QTY
		kW	HP	m	L/min	inch	m	
A	JSW-10N	0.75	1	46	80	1"X1"	9	1450

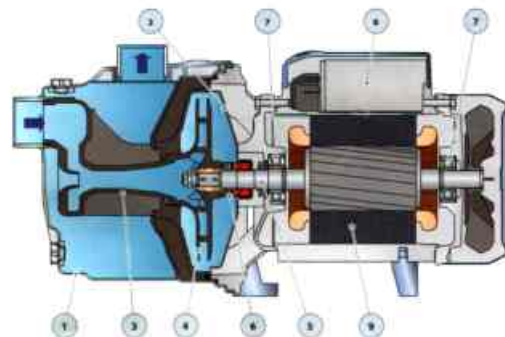
### Standard Data And Equipment

Single phase 220V/50Hz. Brass impeller, carbon steel motor shaft, with thermal protector inside.  
Other model and material such as three phase, 110V, 60Hz, dual voltage, stainless shaft, ect, will be available upon request.

H(m) Performance chart at n=2850min



POS. COMPONENT	CONSTRUCTION CHARACTERISTICS
1 PUMP BODY	Cast iron, complete with threaded parts in compliance with ISO228/1
2 MOTOR BRACKET	Stainless stand AISI304
3 NOZZLE ASSEMBLY	Noryl FE1520PW
4 IMPELLER	Stainless steel AISI 304
5 MOTOR SHAFT	Stainless steel AISI 304 EN 10088-3-1.14104
6 MECHANICAL SEAL	seal shaft Materials
	model Dianeter stationary ring Rotational ring NBR
	AR-14 Φ14mm ceramic Graphite Elastomer
7 BEARINGS	6203zz/6203zz
8 CAPACITOR	Pump Capacitance
	single-phase (230V or 240V) (110V)
	JSW355 20μF450VL 45μF250VL
9 ELECTRIC MOTOR	JSW: single-phase 230V-50Hz with thermal overload protector built-in to the winding.
	JSW: Three-phase 230/400V-50Hz.
	Pumps fitted with the three-phase motor option offer IE2(IEC 60034-30) class high performance
	Insulation: F class.
	Protection: IP X4.



These pumps are suitable for pumping clean water and fluids which are not chemically aggressive to the pump components. They are extremely reliable, economical and simple to use, being particularly suitable for domestic applications medium-sized surge tanks, watering gardens, etc. These pumps should be installed in a covered area, protected against the weather. N.B. it is always advisable to install a foot valve or non-return valve on the suction opening.



### Performance Range

Flow rate up to 80L/min (4.8m<sup>3</sup>/h)

Head up to 55m

### Operating Limits

Suction lift up to 9m

Fluid temperature up to 60°C

Maximum ambient temperature 40°C

No.	Type	Power		H.max	Q.max	Size	S.head	Packing QTY
		kW	HP	m	L/min	inch	m	
A	JSP355	0.75	1	50	60	1"X1"	9	1320

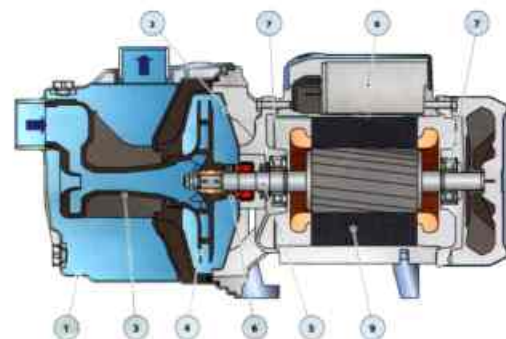
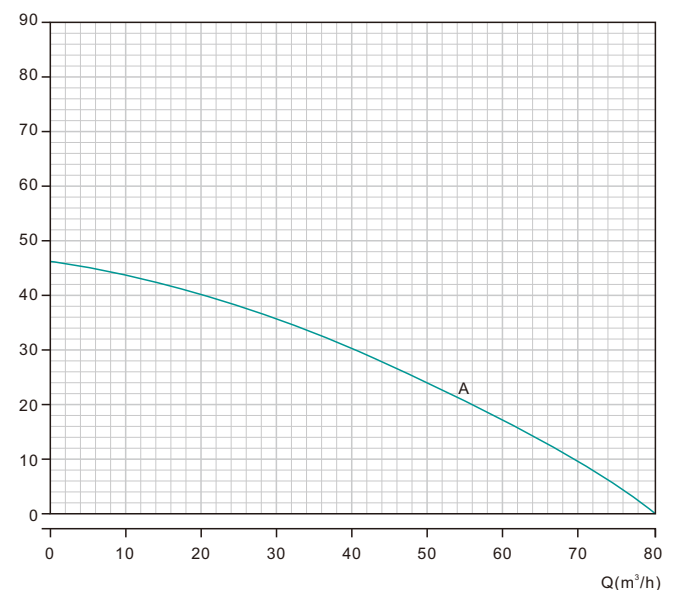
### Standard Data And Equipment

Single phase 220V/50Hz. Brass impeller, carbon steel motor shaft, with thermal protector inside.

Other model and material such as three phase, 110V, 60Hz, dual voltage, stainless shaft, ect, will be available upon request.

POS. COMPONENT	CONSTRUCTION CHARACTERISTICS															
1 PUMP BODY	Cast iron, complete with threaded parts in compliance with ISO228/1															
2 MOTOR BRACKET	Stainless steel AISI304															
3 NOZZLE ASSEMBLY	Noryl FE1520PW															
4 IMPELLER	Stainless steel AISI 304															
5 MOTOR SHAFT	Stainless steel AISI 304 EN 10088-3-1.14104															
6 MECHANICAL SEAL	<table border="1"> <thead> <tr> <th>seal</th> <th>shaft</th> <th colspan="3">Materials</th> </tr> <tr> <th>model</th> <th>Diameter</th> <th>stationary ring</th> <th>Rotational ring</th> <th>NBR</th> </tr> </thead> <tbody> <tr> <td>AR-14</td> <td>Φ14mm</td> <td>ceramic</td> <td>Graphite</td> <td>Elastomer</td> </tr> </tbody> </table>	seal	shaft	Materials			model	Diameter	stationary ring	Rotational ring	NBR	AR-14	Φ14mm	ceramic	Graphite	Elastomer
seal	shaft	Materials														
model	Diameter	stationary ring	Rotational ring	NBR												
AR-14	Φ14mm	ceramic	Graphite	Elastomer												
7 BEARINGS	6203zz/6203zz															
8 CAPACITOR	<table border="1"> <thead> <tr> <th>Pump</th> <th>Capacitance</th> </tr> </thead> <tbody> <tr> <td>single-phase</td> <td>(230V or 240V)</td> </tr> <tr> <td>JSP355</td> <td>20µF450VL</td> </tr> <tr> <td></td> <td>(110V)</td> </tr> <tr> <td></td> <td>45µF250VL</td> </tr> </tbody> </table>	Pump	Capacitance	single-phase	(230V or 240V)	JSP355	20µF450VL		(110V)		45µF250VL					
Pump	Capacitance															
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JSP355	20µF450VL															
	(110V)															
	45µF250VL															
9 ELECTRIC MOTOR	<p>JSW: single-phase 230V-50Hz with thermal overload protector built-in to the winding.</p> <p>JSW: Three-phase 230/400V-50Hz.</p> <p>Pumps fitted with the three-phase motor option offer IE2(IEC 60034-30) class high performance</p> <p>Insulation: F class.</p> <p>Protection: IP X4.</p>															

H(m) Performance chart at n=2850min



# JET-102M

## Self-priming JET Pumps



PROFESSIONAL WATER-PUMP MANUFACTURER

These pumps are suitable for pumping clean water and fluids which are not chemically aggressive to the pump components. They are extremely reliable, economical and simple to use, being particularly suitable for domestic applications medium-sized surge tanks, watering gardens, etc. These pumps should be installed in a covered area, protected against the weather. N.B. it is always advisable to install a foot valve or non-return valve on the suction opening.



### Performance Range

Flow rate up to 60L/min (4.8m<sup>3</sup>/h)

Head up to 48m

### Operating Limits

Suction lift up to 9m

Fluid temperature up to 60°C

Maximum ambient temperature 40°C

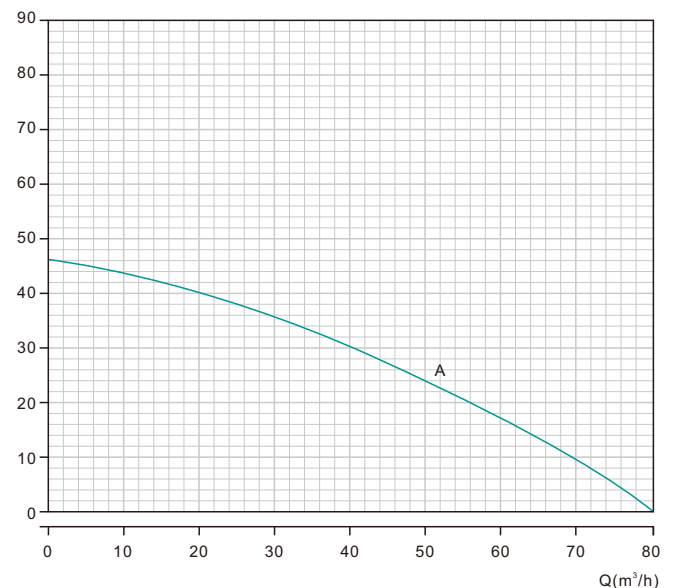
### Standard Data And Equipment

Single phase 220V/50Hz. Brass impeller, carbon steel motor shaft, with thermal protector inside.

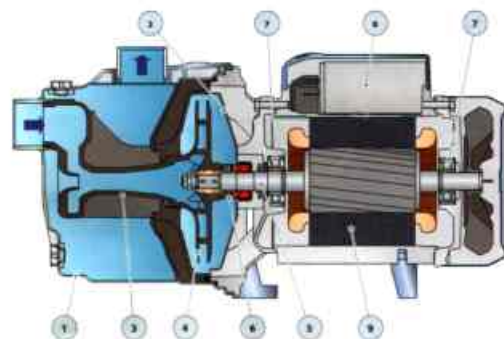
Other model and material such as three phase, 110V, 60Hz, dual voltage, stainless shaft, etc., will be available upon request.

No.	Type	Power		H.max m	Q.max L/min	Size inch	S.head m	Packing QTY
		kW	HP					
A	JET-102M	0.75	1	48	60	1"X1"	9	1350

H(m) Performance chart at n=2850min



POS. COMPONENT	CONSTRUCTION CHARACTERISTICS															
1 PUMP BODY	Cast iron, complete with threaded parts in compliance with ISO228/1															
2 MOTOR BRACKET	Stainless stand AISI304															
3 NOZZLE ASSEMBLY	Noryl FE1520PW															
4 IMPELLER	Stainless steel AISI 304															
5 MOTOR SHAFT	Stainless steel AISI 304 EN 10088-3-1.14104															
6 MECHANICAL SEAL	<table border="1"> <thead> <tr> <th>seal</th> <th>shaft</th> <th colspan="3">Materials</th> </tr> <tr> <th>model</th> <th>Diameter</th> <th>stationary ring</th> <th>Rotational ring</th> <th>NBR</th> </tr> </thead> <tbody> <tr> <td>AR-14</td> <td>Φ14mm</td> <td>ceramic</td> <td>Graphite</td> <td>Elastomer</td> </tr> </tbody> </table>	seal	shaft	Materials			model	Diameter	stationary ring	Rotational ring	NBR	AR-14	Φ14mm	ceramic	Graphite	Elastomer
seal	shaft	Materials														
model	Diameter	stationary ring	Rotational ring	NBR												
AR-14	Φ14mm	ceramic	Graphite	Elastomer												
7 BEARINGS	6202zz/6202zz															
8 CAPACITOR	<table border="1"> <thead> <tr> <th>Pump</th> <th>Capacitance</th> </tr> </thead> <tbody> <tr> <td>single-phase</td> <td>(230V or 240V)</td> </tr> <tr> <td>JET102M</td> <td>20µF450VL</td> </tr> <tr> <td></td> <td>45µF250VL</td> </tr> </tbody> </table>	Pump	Capacitance	single-phase	(230V or 240V)	JET102M	20µF450VL		45µF250VL							
Pump	Capacitance															
single-phase	(230V or 240V)															
JET102M	20µF450VL															
	45µF250VL															
9 ELECTRIC MOTOR	<p>JSW: single-phase 230V-50Hz with thermal overload protector built-in to the winding.</p> <p>JSW: Three-phase 230/400V-50Hz.</p> <p>Pumps fitted with the three-phase motor option offer IE2(IEC 60034-30) class high performance</p> <p>Insulation: F class.</p> <p>Protection: IP X4.</p>															



## Motor

Two-pole induction motor(n=2850 r.p.m)  
 Insulation Class B  
 Protection Ip44  
 Cpmtomicous service S1  
 Thermal protector for single phase  
 Single-phase 220V/50Hz,60Hz if request  
 Three-phase 380V/50Hz,60Hz if request

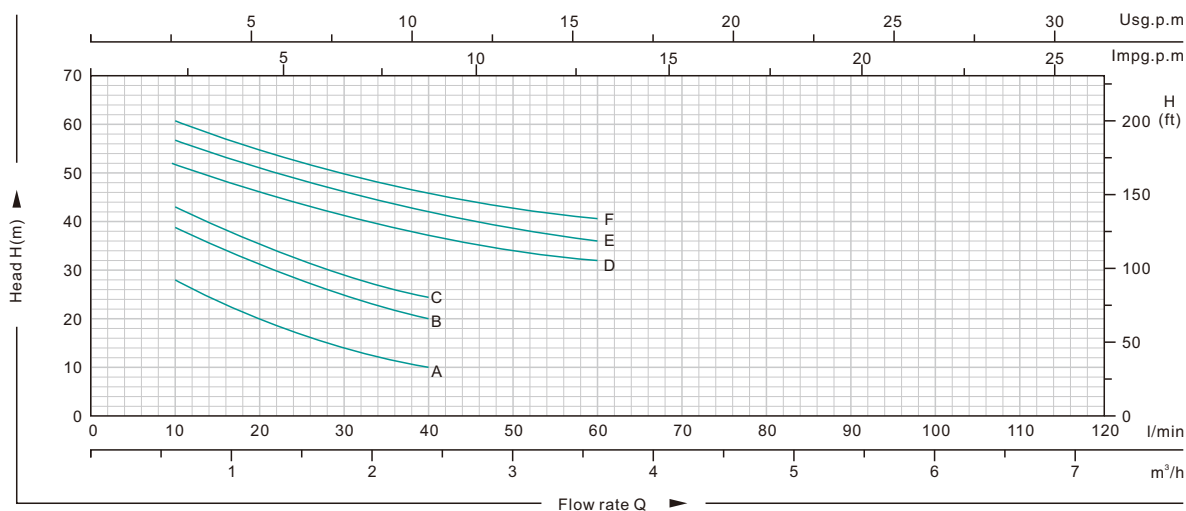


## Operating conditions

Liquid temperature up to 60°C  
 Maximum ambient temperature 40°C  
 Totaal suction lift up to 8m

## Component Construction

Pump body:	Cast iron	Mechanical seal:	Ceramic/Graphite
Pump support:	Cast iron	Bearings:	6202 RZ/6202 RZ(0.5HP&0.75HP&1HP) 6204 RZ/6204 RZ(1.2HP&1.5HP&2HP)
Motor housing:	Aluminum		
Impeller:	Brass		
Diffuser:	Noryl		
Motor shaft:	Carbon steel,AISI420/304 SS if request		

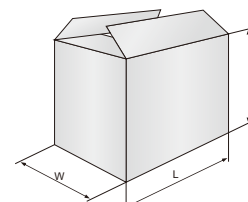


## PERIPHERAL PUMP SERIES

## PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.8	5.4	6
		kw	HP		Q(l/min)	0	10	20	30	40	50	60	80	90
A	JET-60P	0.37	0.5	H	35	28	20	14	10					
B	JET-80P	0.55	0.75		48	39	31	25	20					
C	JET-100P	0.75	1		53	43.5	35.5	30	24					
D	JET-150P	0.9	1.2		56	52	46	41	37	34	32			
E	JET-180P	1.1	1.5		61	57	51	46	42	38.5	36	4.2		
F	JET-200P	1.5	2		66	61	55	50	46	43	40.5	70		

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	JET-60P	1"X1"	12.5	450X215X235
B	JET-80P	1"X1"	13.5	450X215X235
C	JET-100P	1"X1"	14.5	450X215X235
D	JET-150P	1"X1"	24.5	525X230X275
E	JET-180P	1¼"X1"	25	525X230X275
F	JET-200P	1½"X1¼"	26	525X230X275



### Motor

Two-pole induction motor(n=2850 r.p.m)  
 Insulation Class B  
 Protection Ip44  
 Cpmtomicous service S1  
 Thermal protector for single phase  
 Single-phase 220V/50Hz,60Hz if request  
 Three-phase 380V/50Hz,60Hz if request

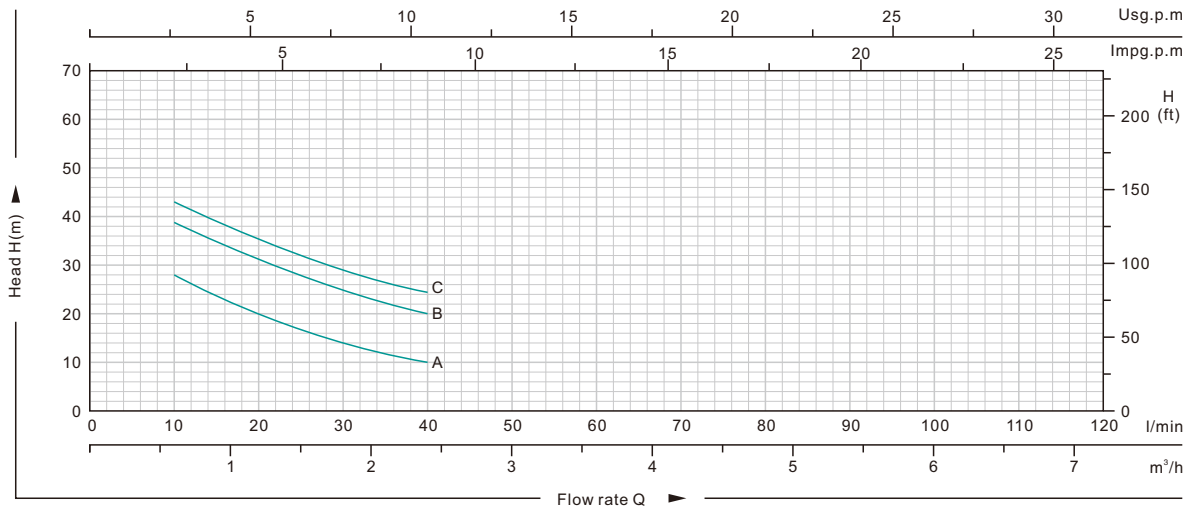


### Operating conditions

Liquid temperature up to 60°C  
 Maximum ambient temperature 40°C  
 Totaal suction lift up to 8m

### Component Construction

Pump body:	Cast iron	Mechanical seal:	Ceramic/Graphite
Pump support:	Cast iron	Bearings:	6202 RZ/6202 RZ(0.5HP&0.75HP&1HP) 6204 RZ/6204 RZ(1.2HP&1.5HP&2HP)
Motor housing:	Aluminum		
Impeller:	Brass		
Diffuser:	Noryl		
Motor shaft:	Carbon steel,AISI420/304 SS if request		

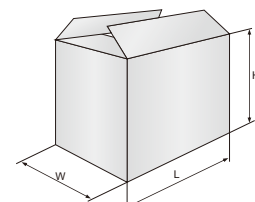


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.8	5.4	6
		kw	HP		Q(l/min)	0	10	20	30	40	50	60	80	90
A	JET-60M	0.37	0.5	H	35	28	20	14	10					
B	JET-80M	0.55	0.75		48	39	31	25	20					
C	JET-100M	0.75	1		53	43.5	35.5	30	24					

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	JET-60M	1"X1"	12.5	450X215X235
B	JET-80M	1"X1"	13.5	450X215X235
C	JET-100M	1"X1"	14.5	450X215X235



### Motor

Two-pole induction motor(n=2850 r.p.m)  
 Insulation Class B  
 Protection Ip44  
 Cpmtomicous service S1  
 Thermal protector for single phase  
 Single-phase 220V/50Hz,60Hz if request  
 Three-phase 380V/50Hz,60Hz if request

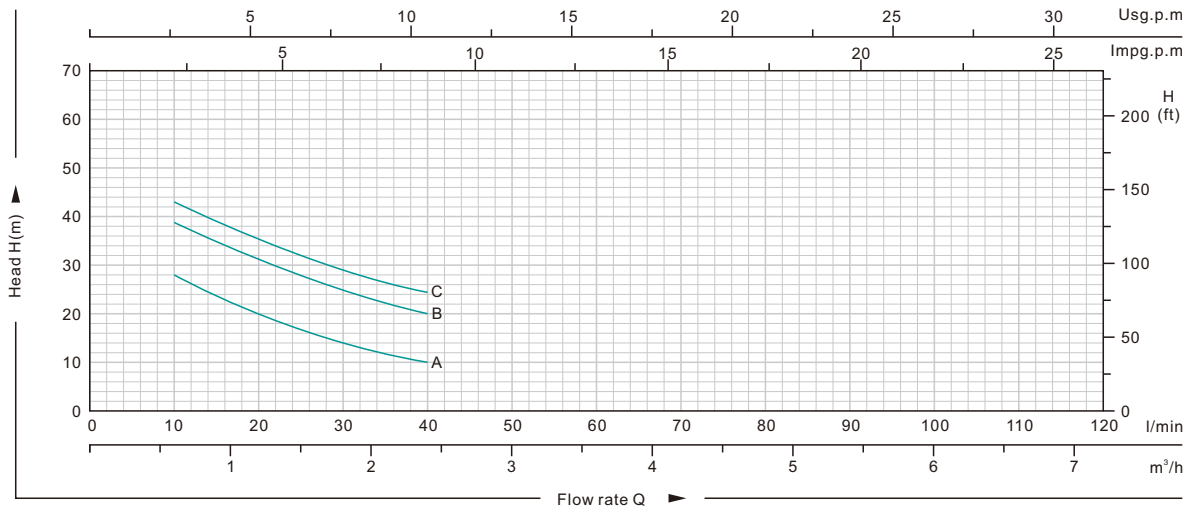


### Operating conditions

Liquid temperature up to 60°C  
 Maximum ambient temperature 40°C  
 Totaal suction lift up to 8m

### Component Construction

Pump body:	Cast iron	Mechanical seal:	Ceramic/Graphite
Pump support:	Cast iron	Bearings:	6202 RZ/6202 RZ(0.5HP&0.75HP&1HP) 6204 RZ/6204 RZ(1.2HP&1.5HP&2HP)
Motor housing:	Aluminum		
Impeller:	Brass		
Diffuser:	Noryl		
Motor shaft:	Carbon steel,AISI420/304 SS if request		

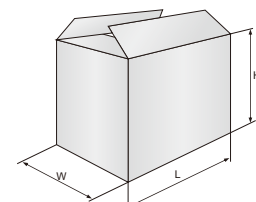


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.8	5.4	6
		kw	HP		Q(l/min)	0	10	20	30	40	50	60	80	90
A	JET-60L	0.37	0.5	H	35	28	20	14	10					
B	JET-80L	0.55	0.75		48	39	31	25	20					
C	JET-100L	0.75	1		53	43.5	35.5	30	24					

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	JET-60L	1"X1"	12.5	450X215X235
B	JET-80L	1"X1"	13.5	450X215X235
C	JET-100L	1"X1"	14.5	450X215X235



## Motor

Two-pole induction motor(n=2850 r.p.m)  
 Insulation Class B  
 Protection Ip44  
 Cpmtomicous service S1  
 Thermal protector for single phase  
 Single-phase 220V/50Hz,60Hz if request  
 Three-phase 380V/50Hz,60Hz if request

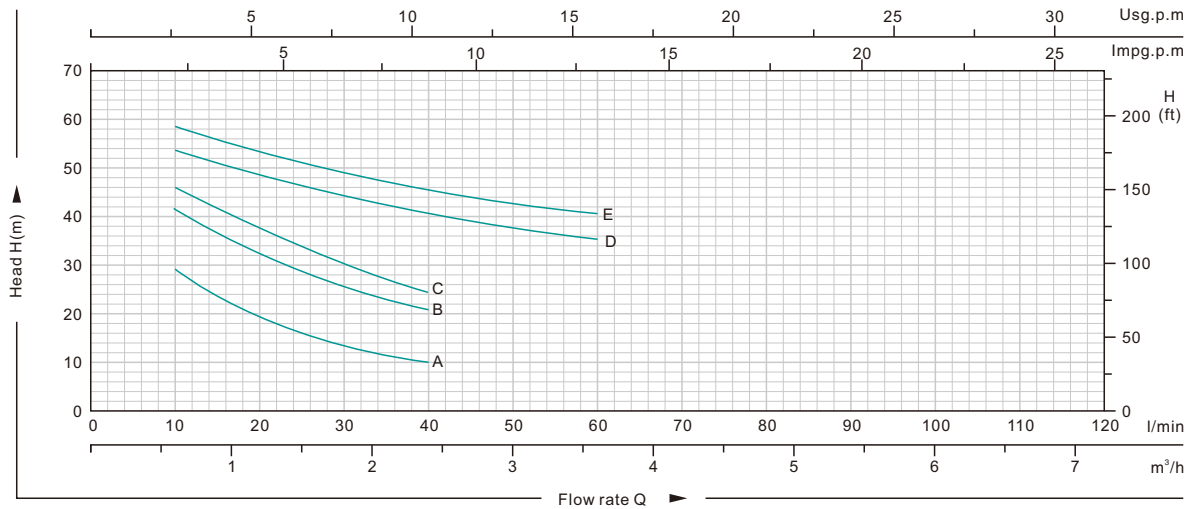


## Operating conditions

Liquid temperature up to 60°C  
 Maximum ambient temperature 40°C  
 Totaal suction lift up to 8m

## Component Construction

Pump body:	Cast iron	Mechanical seal:	Ceramic/Graphite
Pump support:	Cast iron	Bearings:	6202 RZ/6202 RZ(0.5HP&0.75HP&1HP) 6204 RZ/6204 RZ(1.2HP&1.5HP&2HP)
Motor housing:	Aluminum		
Impeller:	Brass		
Diffuser:	Noryl		
Motor shaft:	Carbon steel,AISI420/304 SS if request		

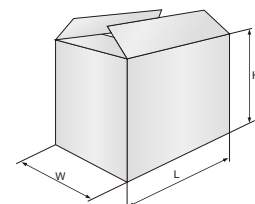


## PERIPHERAL PUMP SERIES

## PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	Flow rate (m³/h)									
		kw	HP		0	0.6	1.2	1.8	2.4	3	3.6	4.8	5.4	6
				Q(l/min)	0	10	20	30	40	50	60	80	90	100
A	JSP-60	0.37	0.5	H	35	29	20	13	10					
B	JSP-80	0.55	0.75		48	42	33	25.5	21					
C	JSP-100	0.75	1		53	46	38	30	24.5					
D	JSP-150	1.1	1.5		61	54	49	44.5	41	38	35.5			
E	JSP-200	1.5	2		65	59	53.5	49.5	46	43	41			

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	JSP-60	1"X1"	13	460X210X230
B	JSP-80	1"X1"	14	460X210X230
C	JSP-100	1"X1"	15	460X210X230
D	JSP-150	1¼"X1"	25	520X235X270
E	JSP-200	1¼"X1"	26	520X235X270



## Motor

Two-pole induction motor(n=2850 r.p.m)  
 Insulation Class B  
 Protection Ip44  
 Cpmtomicous service S1  
 Thermal protector for single phase  
 Single-phase 220V/50Hz,60Hz if request  
 Three-phase 380V/50Hz,60Hz if request

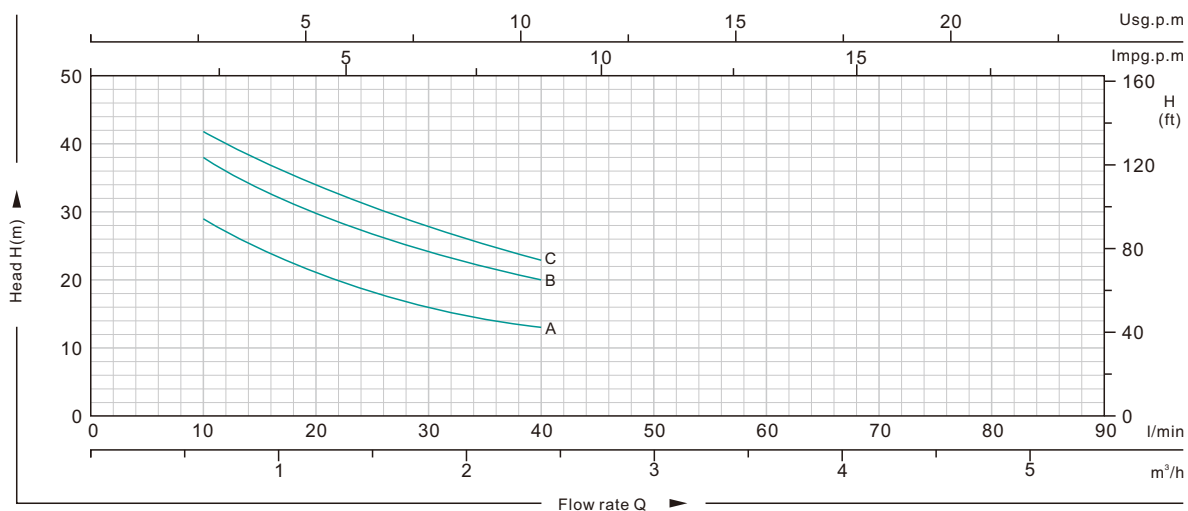


## Operating conditions

Liquid temperature up to 60°C  
 Maximum ambient temperature 40°C  
 Totaal suction lift up to 8m

## Component Construction

Pump body:	Cast iron	Mechanical seal:	Ceramic/Graphite
Pump support:	Cast iron	Bearings:	6202 RZ/6202 RZ(0.5HP&0.75HP&1HP) 6204 RZ/6204 RZ(1.2HP&1.5HP&2HP)
Motor housing:	Aluminum		
Impeller:	Brass		
Diffuser:	Noryl		
Motor shaft:	Carbon steel,AISI420/304 SS if request		

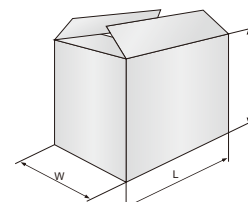


## PERIPHERAL PUMP SERIES

## PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h) Q(l/min)	0	0.6	1.2	1.8	2.4	3	3.6	4.2
		kw	HP		0	10	20	30	40	50	60	70
A	JET-60S	0.37	0.5	H	35	29	21	16	13			
B	JET-80S	0.55	0.75		42	38	30	24	20			
C	JET-100S	0.75	1		45	42	34	28	23			

No.	MODEL	INLET/OUTLET	N.W (kg)	LxWxH (mm)
		(inch)		
A	JET-60S	1"X1"	12	390X200X230
B	JET-80S	1"X1"	13	390X200X230
C	JET-100S	1"X1"	14	390X200X230



### Motor

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

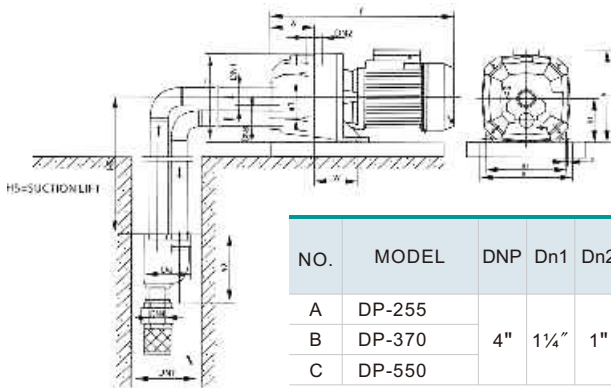
### Operating conditions

Liquid temperature up to 60°C  
 Maximum ambient temperature 40°C



### Component Construction

Pump body:	Cast iron	Mechanical seal:	Ceramic/Graphite
Pump support:	Cast iron	Bearings:	6202 RZ/6202 RZ(DP) 6204 RZ/6204 RZ(DP-A&DP-C)
Motor housing:	Aluminum		
Impeller:	Brass		
Diffuser:	Noryl		
Motor shaft:	Carbon steel,AISI420/304 SS if request		



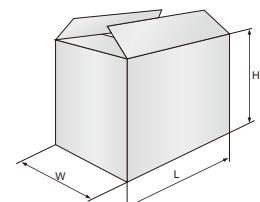
NO.	MODEL	DNP	Dn1	Dn2	Dn3	Dn4	DE	DIMENSION(mm)														
								a	a1	a2	f	f1	h	h1	l	n	n1	w	s			
A	DP-255																					
B	DP-370	4"	1 1/4"	1"	1"	1"	97	91	45	142	375	515	193	94	177	184	142	100	10			
C	DP-550																					

### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(l/h)	HS(m)	0	120	240	360	480	600	840	960	1080	1200	1320	1440	1560	1680	1800	1920		
		kw	HP																				
A	DP-255	0.37	0.5		15	26	23	21	18	15	13	11	10	8	7								
B	DP-370	0.55	0.75			39	35	32	29	27	23	21	19	17	15	14	13						
C	DP-550	0.75	1			50	46	43	40	37	34	32	28	26	24	22	20	19	18	17			
D	DP-370	0.55	0.75		20	30	27	23	20	16	13	10											
E	DP-550	0.75	1			39	35	32	30	27	25	23	20	17									
F	DP-370	0.55	0.75		25	23	20	17	15														
G	DP-550	0.75	1			32	29	25	22	20													
H	DP-370	0.55	0.75		30	16	13	11															
I	DP-550	0.75	1			25	23	20	17														
J	DP-550	0.75	1		35	18	16	15															

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	DP-255	(1 1/4" X 1") X 1"	13.5	490X210X230
B	DP-370	(1 1/4" X 1") X 1"	14.5	490X210X230
C	DP-550	(1 1/4" X 1") X 1"	16	490X210X230



### Motor

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

### Operating conditions

Liquid temperature up to 60°C  
 Maximum ambient temperature 40°C



### Component Construction

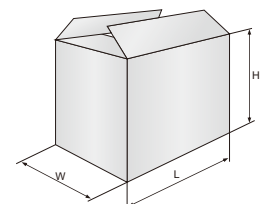
Pump body:	Cast iron	Mechanical seal:	Ceramic/Graphite
Pump support:	Cast iron	Bearings:	6202 RZ/6202 RZ(JETDP) 6204 RZ/6204 RZ(DP-A&DP-C)
Motor housing:	Aluminum		
Impeller:	Brass		
Diffuser:	Noryl		
Motor shaft:	Carbon steel,AISI420/304 SS if request		

### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(l/h)	HS(m)																
		kw	HP		0	120	240	360	480	600	840	960	1080	1200	1320	1440	1560	1680	1800	1920	
A	DP-505A	1.1	1.5	15	55	52	49	46	42	38	34	30	28	23	20	18	30	28	26		
B	DP-750A	1.5	2		70	68	62	58	53	50	47	44	41	28	35	32					
C	DP-505A	1.1	1.5	20	50	47	43	40	35	32	28	25	22								
D	DP-750A	1.5	2		65	60	56	52	48	45	42	38	35								
E	DP-505A	1.1	1.5	25	40	35	32	28	25	21	19										
F	DP-750A	1.5	2		60	55	50	45	43	40	35	32									
G	DP-505A	1.1	1.5	30	35	32	28	25	22												
H	DP-750A	1.5	2		55	50	46	42	40	36											
I	DP-505A	1.1	1.5	35	30	27	24	20													
J	DP-750A	1.5	2		50	46	41	37													

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	DP-505A	(1¼"X1")X1"	26	505X255X290
B	DP750A	(1¼"X1")X1"	27	505X255X290



### Motor

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

### Operating conditions

Liquid temperature up to 60°C  
 Maximum ambient temperature 40°C



### Component Construction

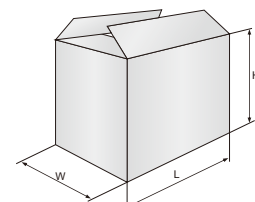
Pump body:	Cast iron	Mechanical seal:	Ceramic/Graphite
Pump support:	Cast iron	Bearings:	6202 RZ/6202 RZ(JETDP) 6204 RZ/6204 RZ(DP-A&DP-C)
Motor housing:	Aluminum		
Impeller:	Brass		
Diffuser:	Noryl		
Motor shaft:	Carbon steel,AISI420/304 SS if request		

### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(l/h)	0	120	240	360	480	600	840	960	960
		kw	HP										
A	DP-1100C	1.1	1.5	15	30	27	25	23	20	19	15	12	20
B	DP-1500C	1.5	2		40	36	32	29	25	22	18	15	
C	DP-2200C	2.2	3		50	46	42	39	35	32	28	25	
D	DP-1100C	1.1	1.5	20	25	22	19	15					
E	DP-1500C	1.5	2		35	30	26	22					
F	DP-2200C	2.2	3		45	42	38	35					
G	DP-1100C	1.1	1.5	25	20	22	18						
H	DP-1500C	1.5	2		30	26	23						
I	DP-2200C	2.2	3		40	36	32						
J	DP-1100C	1.1	1.5	30	15	12							
K	DP-1500C	1.5	2		25	22							
L	DP-2200C	2.2	3		35	32	28						

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	DP-1100C	(1½"X1") X1"	31	540X270X310
B	DP-1500C	(1½"X1") X1"	32	540X270X310
C	DP-2200C	(1½"X1") X1"	32.5	540X270X310



### Motor

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

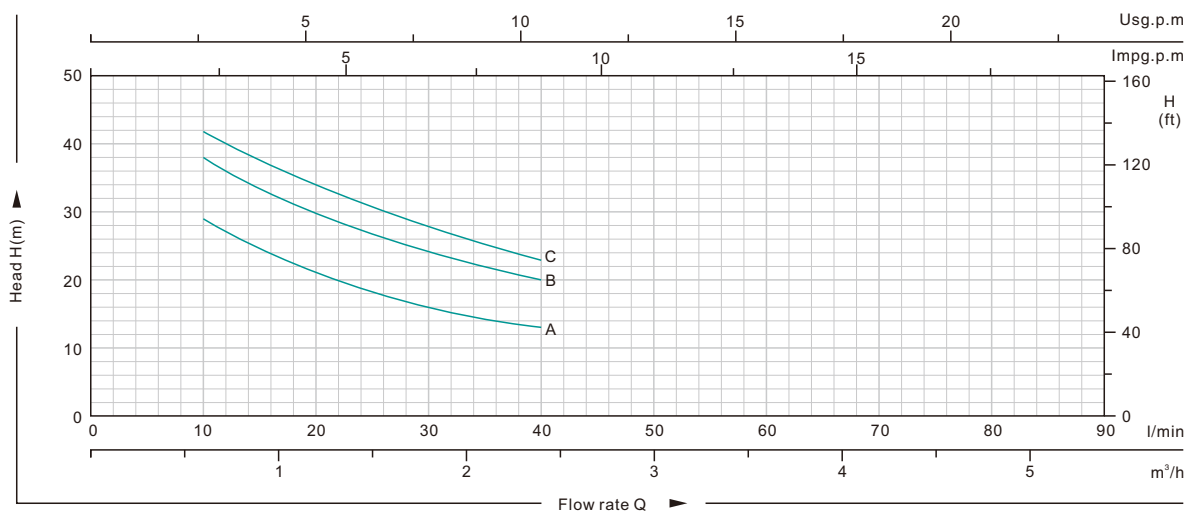


### Operating conditions

Liquid temperature up to 60°C  
 Maximum ambient temperature 40°C  
 Total suction lift up to 9m

### Component Construction

Pump body:	AISI304 SS	Mechanical seal:	Ceramic/Graphite
Pump support:	Aluminum	Bearings:	6202 RZ/6202 RZ
Motor housing:	Aluminum		
Impeller:	Brass,AISI304 SS if request		
Diffuser:	Noryl		
Motor shaft:	Carbon steel,AISI420/304 SS if request		

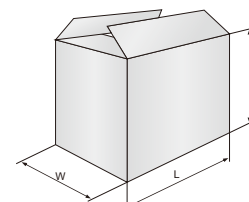


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2
		kw	HP		Q(l/min)	0	10	20	30	40	50	60
A	JS-60	0.37	0.5	H	35	29	21	16	13			
B	JS-80	0.55	0.75		42	38	30	24	20			
C	JS-100	0.75	1		45	42	34	28	23			

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	JS-60	1"X1"	7	390X215X230
B	JS-80	1"X1"	7.5	390X215X230
C	JS-100	1"X1"	8.5	390X215X230



# JSP-100

Garden JET Pumps Series



PROFESSIONAL WATER-PUMP MANUFACTURER

## Motor

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

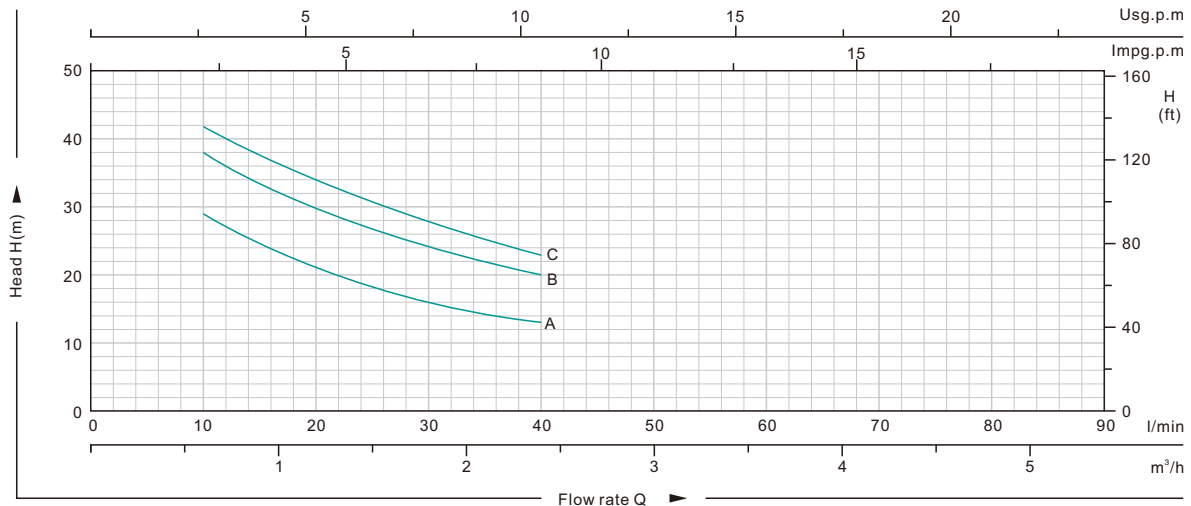


## Operating conditions

Liquid temperature up to 60°C  
 Maximum ambient temperature 40°C  
 Total suction lift up to 9m

## Component Construction

Pump body:	AISI304 SS	Mechanical seal:	Ceramic/Graphite
Pump support:	Aluminum	Bearings:	6202 RZ/6202 RZ
Motor housing:	Aluminum		
Impeller:	Brass,AISI304 SS if request		
Diffuser:	Noryl		
Motor shaft:	Carbon steel,AISI420/304 SS if request		

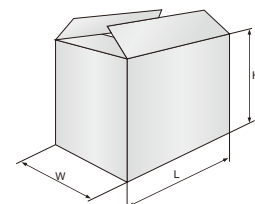


## PERIPHERAL PUMP SERIES

## PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2
		kw	HP		Q(l/min)	0	10	20	30	40	50	60
A	JSP-60	0.37	0.5	H	35	29	21	16	13			
B	JSP-80	0.55	0.75		42	38	30	24	20			
C	JSP-100	0.75	1		45	42	34	28	23			

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	JSP-60	1"X1"	7	390X215X230
B	JSP-80	1"X1"	7.5	390X215X230
C	JSP-100	1"X1"	8.5	390X215X230





## Product overview

type ss centrifugal pump making by ss stamping it can be strong on corroision resis tance longer working life good-looking appearance and construction light etc widely used in the cyclic deaning systemand some of the impurity trans port.

## Pump

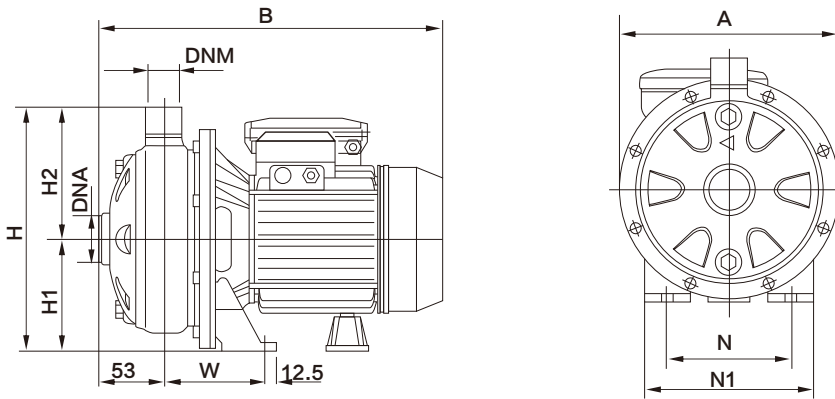
max temperature  
max working pressnre  
max partide  
can be connected by hosepipe

## Motor

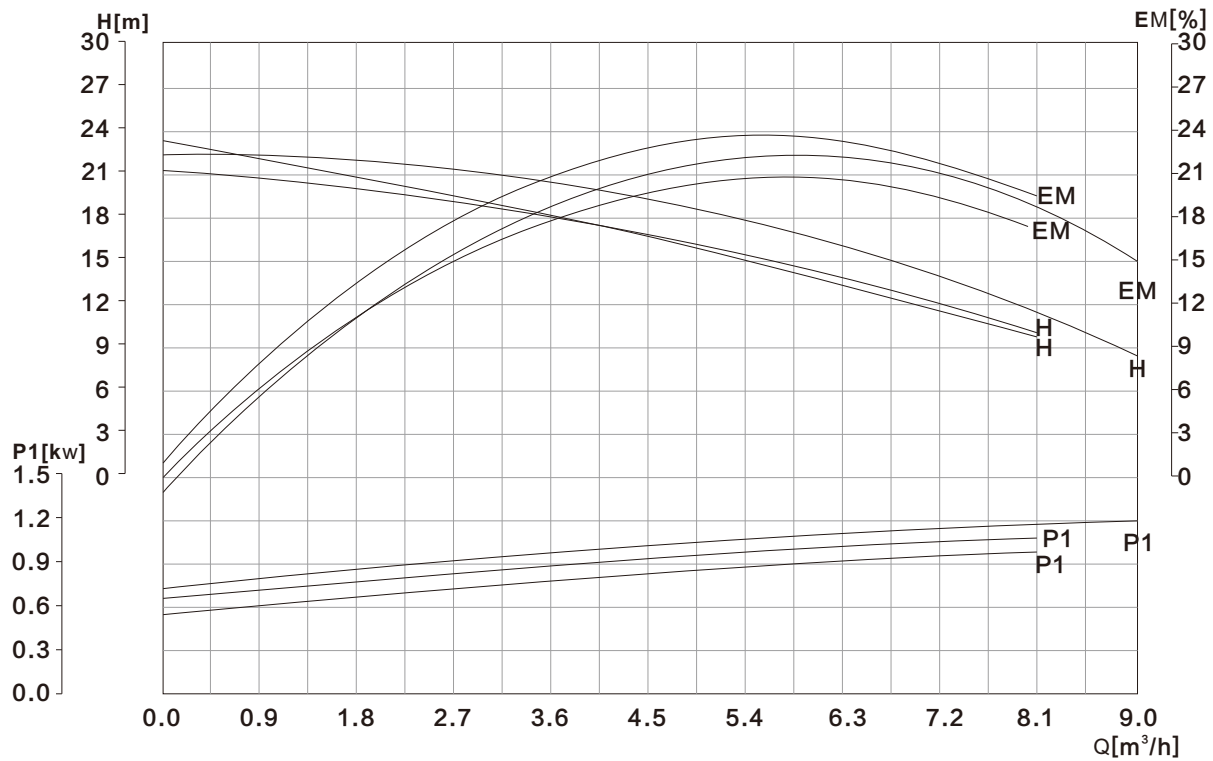
C&Ubearing  
copper wire winding  
motor with thermostat protector  
protect grade  
insulation grade  
max envionment temperature

## Dimensional Table

TYPE	A mm	B mm	H mm	H1 mm	H2 mm	N mm	N1 mm	W mm	DNA	DNM	L mm		H mm		W mm		KG
											M	T	M	T	M	T	
WCP/50	208	321	229.5	106	123.5	120	160	93	1"¼	1"	335	336	280	280	227	227	9
WCP/80	208	321	229.5	106	123.5	120	160	93	1"¼	1"	335	336	280	280	227	227	10.5
WCP/100	208	321	229.5	106	123.5	120	160	93	1"¼	1"	335	336	280	280	227	227	12
WCP/80A	208	321	229.5	106	123.5	120	160	93	1"¼	1"	335	336	280	280	227	227	10.5
WCP/120	208	321	229.5	106	123.5	120	160	93	1"¼	1"	335	372	280	289	227	239	12.5
WCP/200	232	347	250	118	132	140	180	95	1"¼	1"	360	372	315	289	245	239	17.5
WCP/120A	208	321	229.5	106	123.5	120	160	93	1.5"	1"	332	372	280	289	218	239	16.5
WCP/200A	208	347	229.5	106	123.5	140	180	95	1.5"	1"	375	372	315	289	250	239	15.5
WCP/250	232	347	250	118	132	140	180	95	1.5"	1"	-	380	-	305	-	245	17



### Performance curve



### Performance parameters of the table

MOD	POWER		CAPACITOR	ABSORBED AMP.			Q=DELIVERY														
							M3/H	0	1.2	3	4.8	5.4	6.6	7.8	9.6	10.8	12.6	15			
	HP	KW	MF/450V	230V-M	230V-T	400V-T	LT/MIN	0	20	50	80	90	110	130	160	180	210	250			
WCP/50	0.5	0.37	12.5	3.4	2.4	1.4		15	14	12	10	8	6								
WCP/80	0.8	0.55	16	4.5	3.5	2.0		22	19	17	14	13	11	8							
WCP/100	1	0.75	20	5.6	3.3	1.9		24	21	19	16	15	13	10							
WCP/120	1.2	0.9	31.5	6.9	4.5	2.6		30	27	25	23	21	18	16	8						
WCP/200	2	1.5	40	9.3	7.0	4.0		32	29	27	25	23	21	18	10	8					



### Product overview

semi-open type ss centrifugal pump making by ss stamping it can be strong on corroision resis tance longer working life good-looking appearance and construction light etc widely used in the cyclic deaning systemand some of the impurity transport.

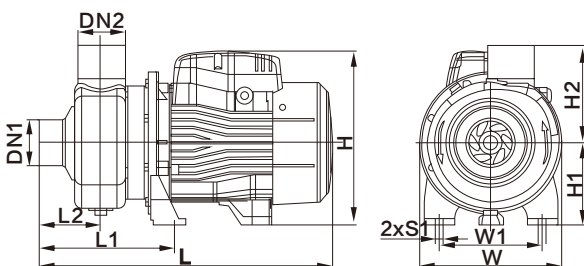
### Pump

max temperature  
max working pressnre  
max partide  
can be connected by hosepipe

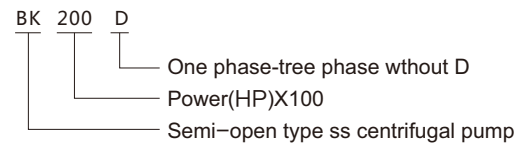
### Motor

C&Ubearing  
copper wire winding  
motor with thermostat protector  
protect grade  
insulation grade  
max envionment temperature

### Shape size

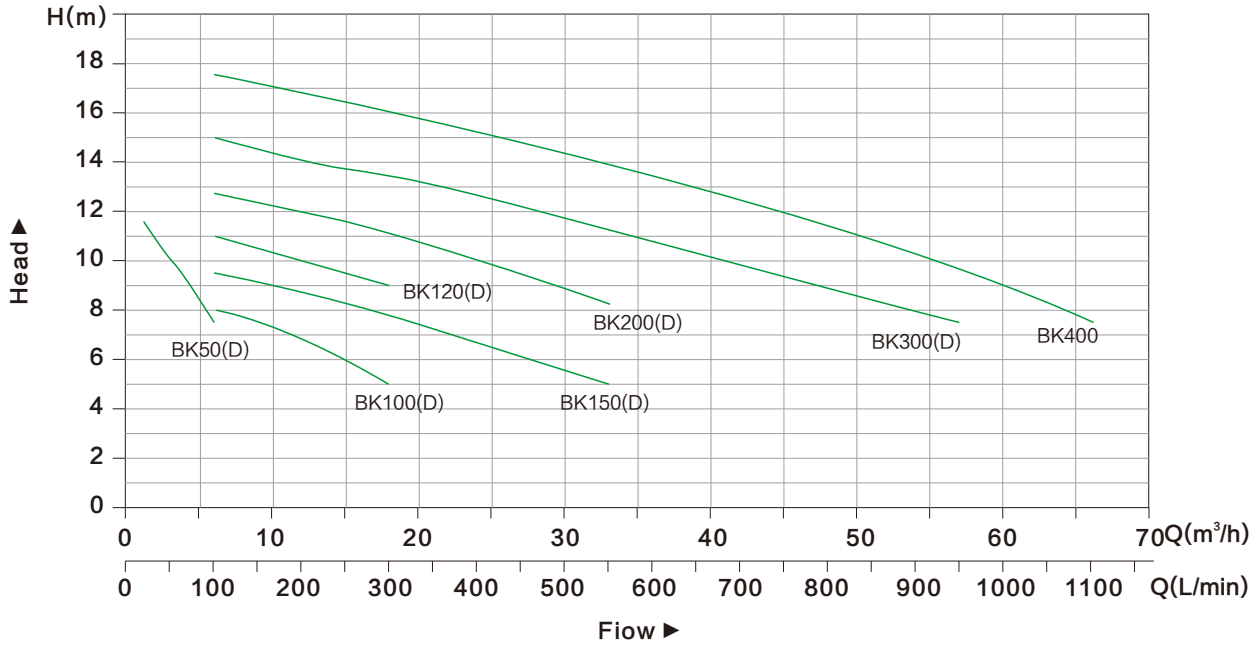


### Model specification



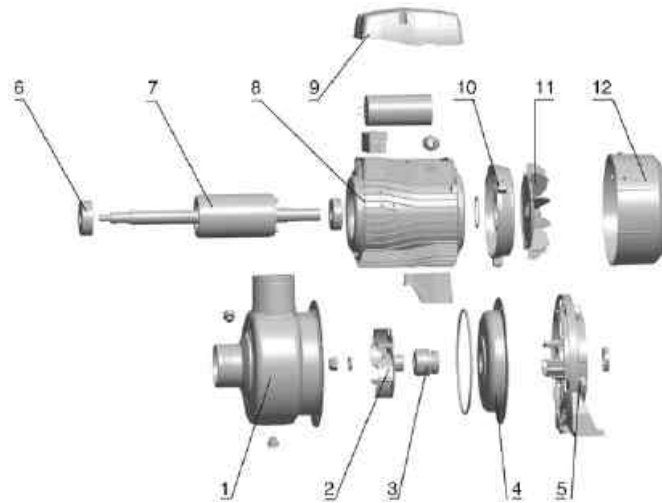
Model	DN1	DN2	L (mm)	L1 (mm)	L2 (mm)	H (mm)	H1 (mm)	H2 (mm)	W (mm)	W1 (mm)	S1 (mm)
BK50(D)	1¼"	1"	280	123	50	180	90	106	170	105	9
BK100(D)	1½"	1½"	332	160	76	212	100	118	170	120	9
BK120(D)	1½"	1½"	332	160	76	212	100	118	170	120	9
BK150(D)	2"	2"	400	184	85	235	112	133	195	140	9
BK200(D)	2"	2"	400	184	85	235	112	133	195	140	9
BK300(D)	2½"	2"	450	184	85	252	117	133	195	140	9
BK400	2½"	2"	450	184	85	252	117	133	195	140	9

### Performance curve



### Product structure

SN	Name
1	pump body
2	impeller
3	seal
4	end cover
5	connector
6	baring
7	rotor
8	stator
9	wire box
10	end cover
11	fan
12	fan xover



### Performance parameters of the table

Model	Power		Qm³/h QL/min	1.2	2.4	3.6	4.8	6	12	18	24	33	42	48	57	66	
	kW	HP		20	40	60	80	100	200	300	400	550	700	800	950	1100	
BK50(D)	0.37	0.5	H(m)	11.6	10.5	9.7	8.7	7.5	-	-	-	-	-	-	-	-	
BK100(D)	0.75	1		-	-	-	-	8	7	5	-	-	-	-	-	-	-
BK120(D)	0.9	1.2		-	-	-	-	11	10	9	-	-	-	-	-	-	-
BK150(D)	1.1	1.5		-	-	-	-	9.5	8.8	7.8	6.7	5	-	-	-	-	-
BK200(D)	1.5	2		-	-	-	-	12.7	12	11.2	10	8.3	6.5	-	-	-	-
BK300(D)	2.2	3		-	-	-	-	15	14	13.5	12.7	11.2	9.8	8.9	7.5	-	-
BK400	3	4		-	-	-	-	17.5	16.8	16	15.2	14	12.5	11.5	9.7	7.5	-
				-	-	-	-	-	-	-	-	-	-	-	-	-	-

# VIWQ-AJ

## Submersible Pumps Series



PROFESSIONAL WATER-PUMP MANUFACTURER

### Motor

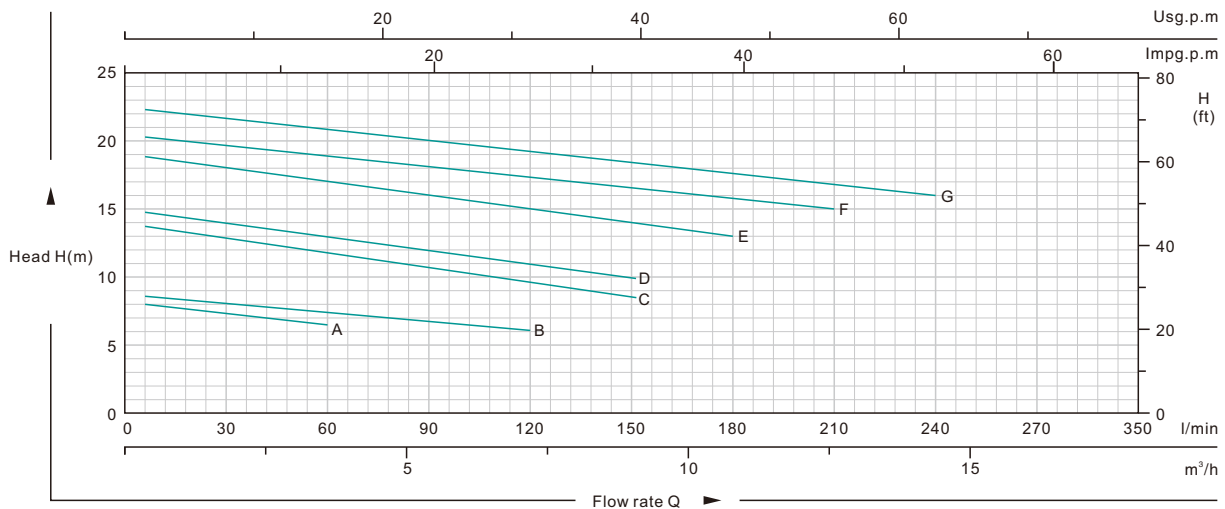
Two-pole induction motor(n=2850 r.p.m)  
 Insulation Class B  
 Protection Ip68  
 Thermal protector  
 Single-phase 220V/50Hz,60Hz if request

### Operating conditions

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

### Component Construction

Pump body:	Cast iron
Motor housing:	AISI304 SS
Impeller:	Cast iron
Motor shaft:	Carbon steel,AISI420/304 SS if request
Mechanical seal:	SIC-SIC/Ceramic-Graphite
Cable:	6m long power cable with plug

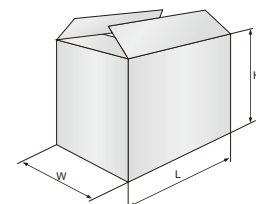


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	Flow rate Q													
		kw	HP		0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2				
				Q(l/min)	0	30	60	90	120	150	180	210	240	270				
A	V250	0.25	0.34	H	7.8	7.3	6.4											
B	V370	0.37	0.5		8.5	8	7.3	6.6	6.2									
C	V550	0.55	0.75		14	13	11.8	10.6	9.5	8.5								
D	V750	0.75	1		15	14	13	12	11	10								
E	V1100	1.1	1.5		19	18	17	16	15	14	13							
F	V1500	1.5	2		20.5	19.8	18.9	18.2	17.5	16.8	16	15.2						
G	V2200	2.2	3		22.5	21.5	21	20.5	19.5	18.6	18	17	16					

No.	MODEL	INLET	PARTICAL	BEARING	N.W	LxWxH
		(inch)	(Φ mm)	(RZ)	(kg)	(mm)
	V250	1¼"	20	6200/6201	8	190X140X395
B	V370	1¼"	20	6200/6201	9	190X140X415
	V550	2"	5	6201/6202	17	455X225X250
D	V750	2"	5	6201/6202	19	465X225X250
	V1100	2"	5	6201/6202	20.5	485X225X250
F	V1500	2"	5	6201/6202	22.5	510X225X250
	V2200	2"	5	6201/6202	25	540X225X250



# V1500F

## Submersible Pumps Series



PROFESSIONAL WATER-PUMP MANUFACTURER

### Motor

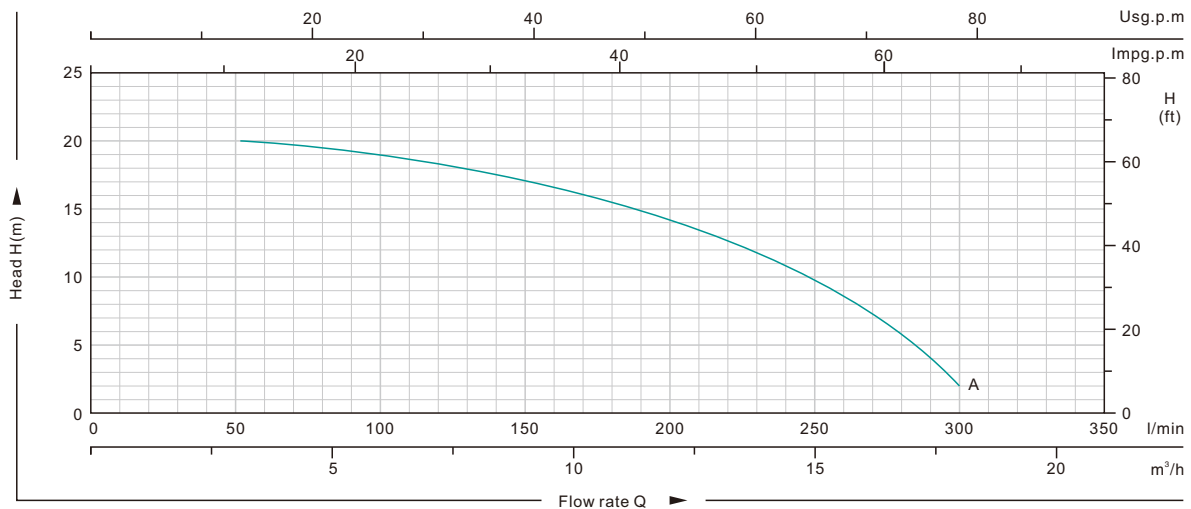
Two-pole induction motor(n=2850 r.p.m)  
 Insulation Class B  
 Protection Ip68  
 Cpmtomicous service S1  
 Thermal protector  
 Single-phase 220V/50Hz,60Hz if request  
 Three-phase 380V/50Hz,60Hz if request

### Operating conditions

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

### Component Construction

Pump body:	Cast iron
Motor housing:	AISI304 SS
Impeller:	Cast iron
Motor shaft:	Carbon steel,AISI420/304 SS if request
Mechanical seal:	SIC-SIC/Ceramic-Graphte
Cable:	6m long power cable with plug

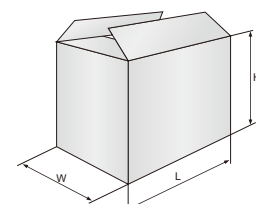


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	3	6	9	12	15	18	21	24	27
		kw	HP		0	50	100	150	200	250	300	350	400	450
A	V1500F	1.5	2	H	21	20	19	17	14	10	2			

No.	MODEL	INLET	PARTICAL	BEARING	N.W	LxWxH
		(inch)	(Φ mm)	(RZ)	(kg)	(mm)
A	V1500F	1½"	15	6202/6203	26	550X230X320



# V1500F

## Submersible Pumps Series



PROFESSIONAL WATER-PUMP MANUFACTURER

### Motor

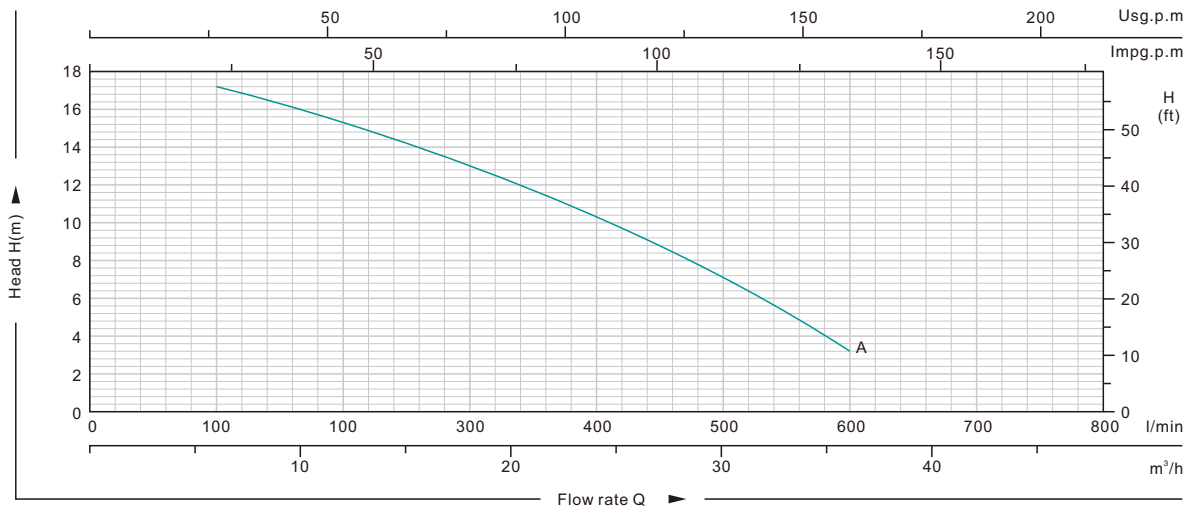
Two-pole induction motor(n=2850 r.p.m)  
 Insulation Class B  
 Protection Ip68  
 Cpmtomicous service S1  
 Thermal protector  
 Single-phase 220V/50Hz,60Hz if request  
 Three-phase 380V/50Hz,60Hz if request

### Operating conditions

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

### Component Construction

Pump body:	Cast iron
Motor housing:	AISI304 SS
Impeller:	Cast iron
Motor shaft:	Carbon steel,AISI420/304 SS if request
Mechanical seal:	SIC-SIC/Ceramic-Graphte
Cable:	6m long power cable with plug

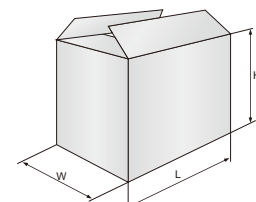


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	6	12	18	24	30	36	42	48	54
		kw	HP		0	100	200	300	400	500	600	700	800	900
A	V2200F	2.2	3	H	19	17.3	15	13	10.5	7	3			

No.	MODEL	INLET	PARTICAL	BEARING	N.W	LxWxH
		(inch)	(Φ mm)	(RZ)		
A	V2200F	1½"	15	6302/6304	31	595X225X330



# V2200F

## Submersible Pumps Series



PROFESSIONAL WATER-PUMP MANUFACTURER

### Motor

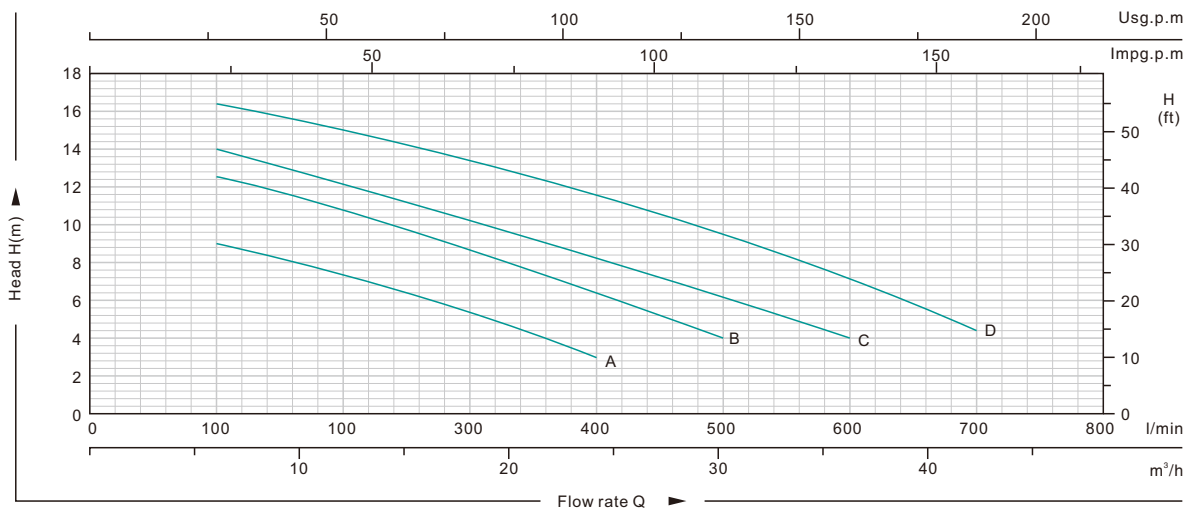
Two-pole induction motor(n=2850 r.p.m)  
 Insulation Class B  
 Protection Ip68  
 Cpmtomicous service S1  
 Thermal protector  
 Single-phase 220V/50Hz,60Hz if request  
 Three-phase 380V/50Hz,60Hz if request

### Operating conditions

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

### Component Construction

Pump body:	Cast iron
Motor housing:	AISI304 SS
Impeller:	Cast steel
Motor shaft:	Carbon steel,AISI420/304 SS if request
Mechanical seal:	SIC-SIC/Ceramic-Graphte
Cable:	6m long power cable with plug

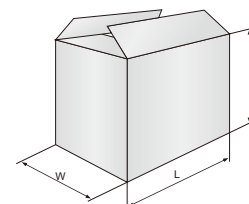


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h) Q(l/min)	0	6	12	18	24	30	36	42	48	54
		kw	HP		0	100	200	300	400	500	600	700	800	900
A	V800F	0.8	1.1	H	10	9	7.5	5.2	3					
B	V1100F	1.1	1.5		13.5	12.5	11	8.8	6.5	4				
C	V1600F	1.5	2		15	14	12.5	10.3	8	6	4			
D	V2250F	2.2	3		17.5	16.3	15	13.5	11.6	9.3	7	4.5		

No.	MODEL	INLET	PARTICAL	BEARING	N.W	LxWxH
		(inch)	(Φmm)	(RZ)	(kg)	(mm)
A	V800F	2"	40	6201/6203	22	560X230X280
B	V1100F	2"	40	6201/6203	24	580X230X280
C	V1600F	2½"	40	6303/6304	32	655X270X365
D	V2250F	2½"	40	6303/6304	36	685X270X365



# Y120QDK-S

Oil Filled Type Stainless Steel Submersible Pump



PROFESSIONAL WATER-PUMP MANUFACTURER



## Product accessories



Screws using 304 stainless steel



The circular stator coil insulation class F



Handle made of galvanized materia



After the rotor is hardened or stainless steel rotor



Net cover using three thick steel plate material



High quality low noise bearing

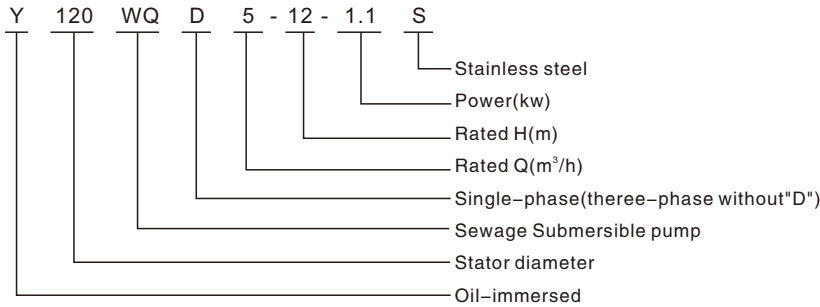
# Y120QDX-S

Oil Filled Type Stainless Steel Submersible Pump

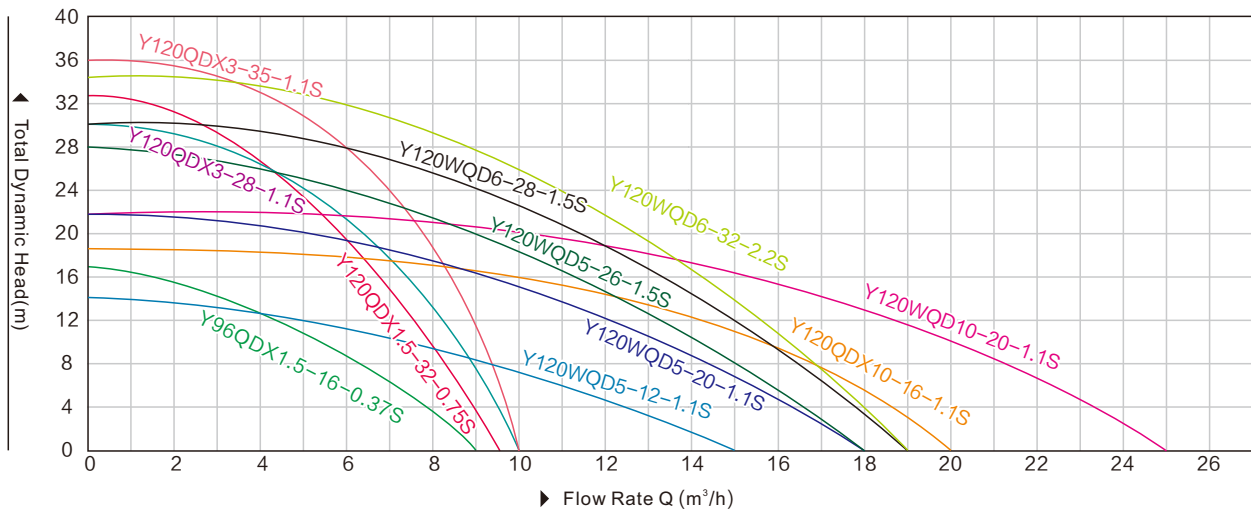


PROFESSIONAL WATER-PUMP MANUFACTURER

## Model specification



## The graph



## Performance parameters of the table

Model	Voltage (V)	Rated Q (m <sup>3</sup> /h)	Rated H (m)	Rated Power (kw)	Outlet Dia (mm)	Speed (r/min)
Y96QDX1.5-16-0.37S	150-230	1.5	16	0.37	25	3000
Y120QDX1.5-32-0.75S	150-230	1.5	24	0.75	25	3000
Y120QDX3-28-1.1S	150-230	3	28	1.1	25	3000
Y120QDX3-35-1.1S	150-230	3	35	1.1	25	3000
Y120QDX10-16-1.1S	150-230	10	16	1.1	25	3000
Y120WQD5-12-1.1S	140-230	5	12	1.1	50	3000
Y120WQD10-20-1.1S	140-230	10	20	1.1	50	3000
Y120WQD5-20-1.1S	120-230	5	20	1.1	50	3000
Y120WQD5-26-1.5S	140-230	5	26	1.5	50	3000
Y120WQD6-28-1.5S	150-230	6	28	1.5	50	3000
Y120WQD6-32-2.2S	180-230	6	32	2.2	50	3000
Y120WQD10-10-1.1S	140-230	10	10	1.1	50	3000
Y120WQD15-10-1.5S	170-230	15	10	1.5	50	3000
Y120WQD15-15-1.5S	180-230	15	15	1.5	50	3000
Y120WQD10-12-1.5S	180-230	This pump is dedicated to biogas slurry				
Y120QDX3-35/2-1.1S	180-230	3	35	1.1	25	3000
Y120QDX3-45/3-1.5S	180-230	3	45	1.5	25	3000
Y120QDX3-55/4-1.8S	180-230	3	55	1.8	25	3000

# Y120QDK-SS

*Oil-Filled submersible pump*



PROFESSIONAL WATER-PUMP MANUFACTURER



## Product accessories



Screws using 304 stainless steel



The circular stator coil insulation class F



High strength ppo handle



After the rotor is hardened or stainless steel rotor



Net cover using three thick steel plate material



High quality low noise bearing

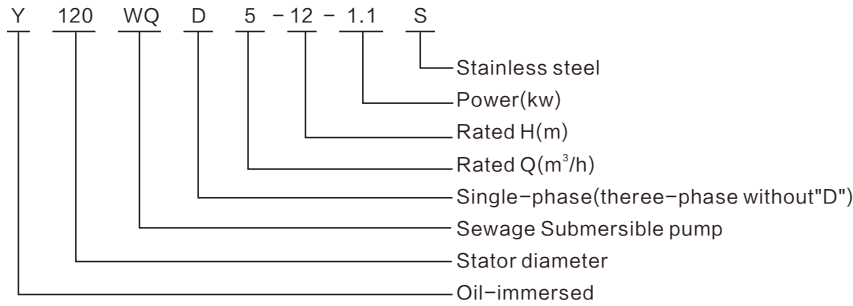
# Y120QDX-SS

*Oil-Filled submersible pump*

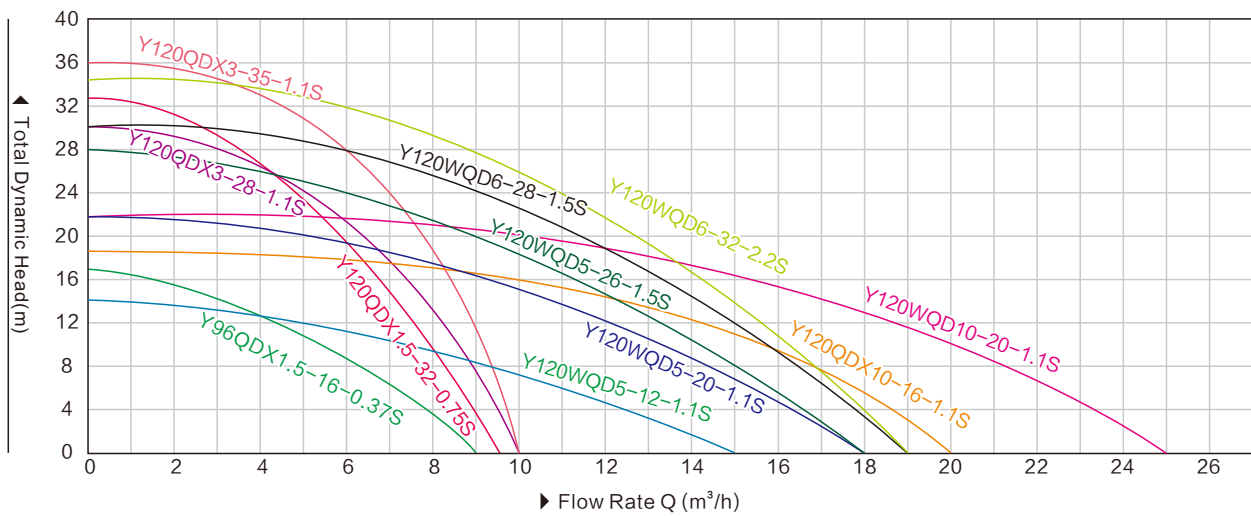


PROFESSIONAL WATER-PUMP MANUFACTURER

## Model specification



## The graph



## Performance parameters of the table

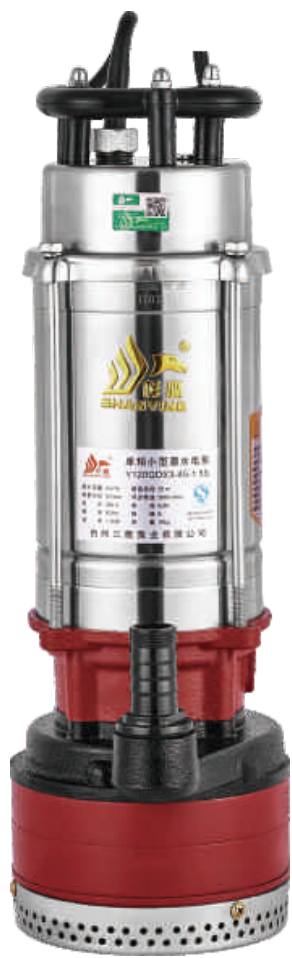
Model	Voltage (V)	Rated Q (m <sup>3</sup> /h)	Rated H (m)	Rated Power (kw)	Outlet Dia (mm)	Speed (r/min)
Y96QDX1.5-16-0.37S	150-230	1.5	16	0.37	25	3000
Y120QDX1.5-32-0.75S	150-230	1.5	24	0.75	25	3000
Y120QDX3-28-1.1S	150-230	3	28	1.1	25	3000
Y120QDX3-35-1.1S	150-230	3	35	1.1	25	3000
Y120QDX10-16-1.1S	150-230	10	16	1.1	25	3000
Y120WQD5-12-1.1S	140-230	5	12	1.1	50	3000
Y120WQD10-20-1.1S	140-230	10	20	1.1	50	3000
Y120WQD5-20-1.1S	120-230	5	20	1.1	50	3000
Y120WQD5-26-1.5S	140-230	5	26	1.5	50	3000
Y120WQD6-28-1.5S	150-230	6	28	1.5	50	3000
Y120WQD6-32-2.2S	180-230	6	32	2.2	50	3000
Y120WQD10-10-1.1S	140-230	10	10	1.1	50	3000
Y120WQD15-10-1.5S	170-230	15	10	1.5	50	3000
Y120WQD15-15-1.5S	180-230	15	15	1.5	50	3000
Y120WQD10-12-1.5S	180-230	This pump is dedicated to biogas slurry				
Y120QDX3-35/2-1.1S	180-230	3	35	1.1	25	3000
Y120QDX3-45/3-1.5S	180-230	3	45	1.5	25	3000
Y120QDX3-55/4-1.8S	180-230	3	55	1.8	25	3000

# Y120QDK-SS

oil-Filled submersible pump



PROFESSIONAL WATER-PUMP MANUFACTURER



## Product accessories



Screws using 304 stainless steel



The circular stator coil insulation class F



High strength ppo handle



After the rotor is hardened or stainless steel rotor



Thick net cover



High quality low noise bearing

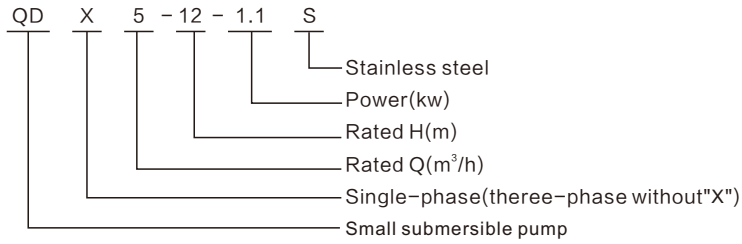
# Y120QDX-SS

oil-Filled submersible pump

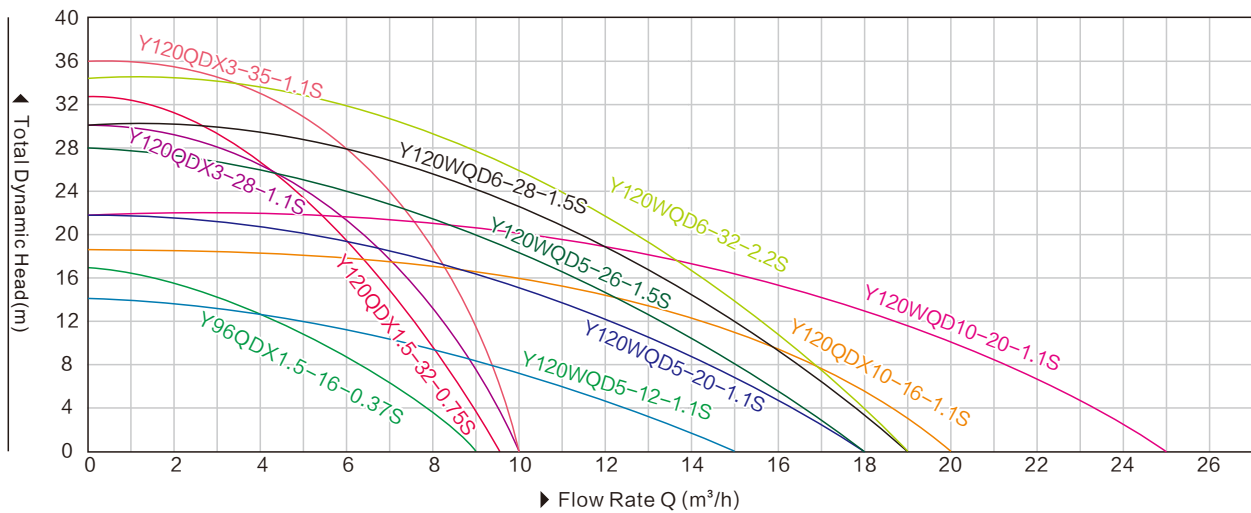


PROFESSIONAL WATER-PUMP MANUFACTURER

## Model specification



## The graph



## Performance parameters of the table

Model	Voltage (V)	Rated Q (m <sup>3</sup> /h)	Rated H (m)	Rated Power (kw)	Outlet Dia (mm)	Speed (r/min)
120QDX3-35/2-1.1	180-230	3	35	1.1	25	3000
120QDX3-45/3-1.5	180-230	3	45	1.5	25	3000
120QDX3-55/4-1.8	180-230	3	55	1.8	25	3000

# Y120WQD-S

Multistage oil-Filled submersible pump



PROFESSIONAL WATER-PUMP MANUFACTURER



## Product accessories



Screws using 304 stainless steel



The circular stator coil insulation class F



High strength handle



After the rotor is hardened or stainless steel rotor



Thick net cover



High quality low noise bearing

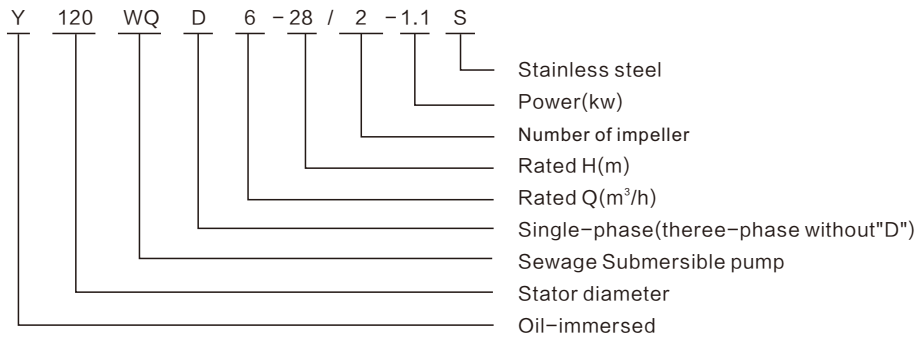
# Y120WQD-S

Multistage oil-Filled submersible pump



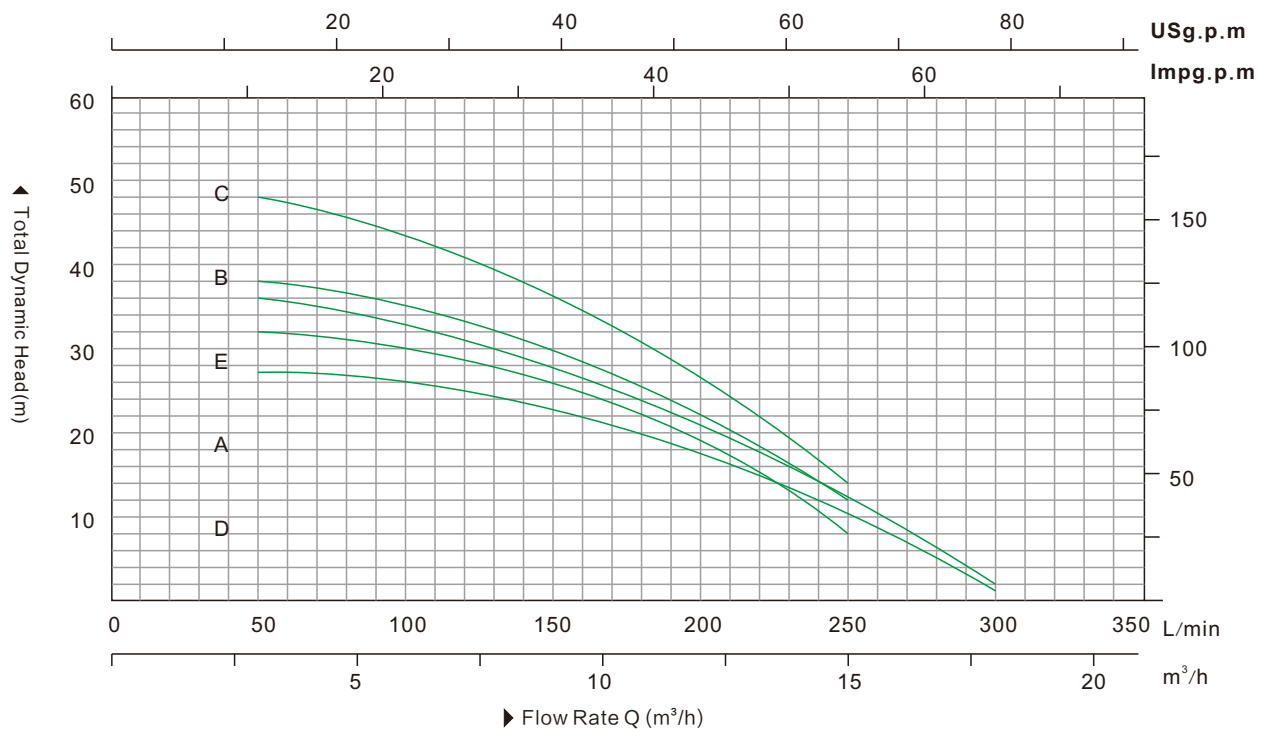
PROFESSIONAL WATER-PUMP MANUFACTURER

## Model specification



## The graph

### PERFORMANCE CHART AT n=2850RPM



## Performance parameters of the table

Model	Rated Power		Q(m <sup>3</sup> /h)	0	3.0	6.0	9.0	12.0	15.0	15.0
	KW	HP		Q(L/min)	0	50	100	150	200	250
WQD6-28/2-1.1A	1.1	1.5		32.5	32	30	25.5	19	8.5	
WQD6-39/3-1.5A	1.5	2		39.5	38.5	35	30	22.5	11.5	
WQD6-50/4-2.2A	2.2	3		50	48	43.5	36	26.5	14	
WQD6-22-1.1A	1.1	1.5	H	27.5	27	26	22.8	17	9.5	1
WQD6-30-1.5A	1.5	2		37	35.5	33	28	21	11.5	2

# Models QDX

Oil Filled Submersible Pump



PROFESSIONAL WATER-PUMP MANUFACTURER



## Product accessories



Screws using 304 stainless steel



The circular stator coil insulation class F



Handle made of ABS material



Stainless steel 304 connecting shaft technology



Net cover using three thick steel plate material



High quality low noise bearing

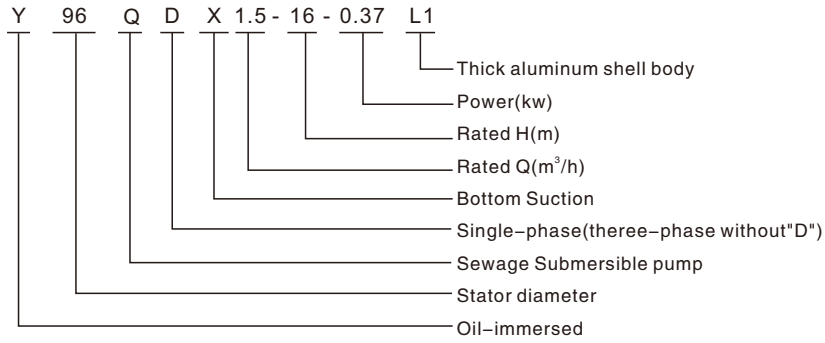
# Models QDX

## Oil Filled Submersible Pump

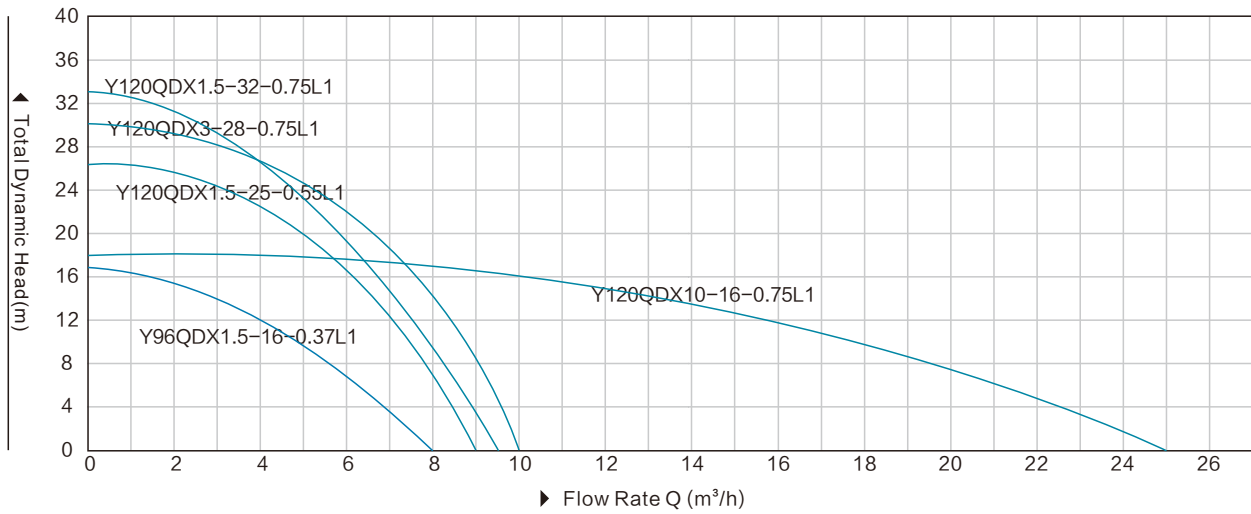


PROFESSIONAL WATER-PUMP MANUFACTURER

### Model specification



### The graph



### Performance parameters of the table

Model	Voltage (V)	Rated Q (m <sup>3</sup> /h)	Rated H (m)	Rated Power (kw)	Outlet Dia (mm)	Speed (r/min)
Y96QDX1.5-16-0.37L1	150-230	1.5	16	0.37	25	3000
Y120QDX1.5-25-0.55L1	150-230	1.5	25	0.55	25	3000
Y120QDX3-28-0.75L1	150-230	3	28	0.75	25	3000
Y120QDX1.5-32-0.75L1	150-230	1.5	32	0.75	25	3000
Y120QDX10-16-0.75L1	150-230	10	16	0.75	50	3000



### Product accessories



Screws using 304 stainless steel



The circular stator coil insulation class F



Handle made of ABS material



Stainless steel 304 connecting shaft technology

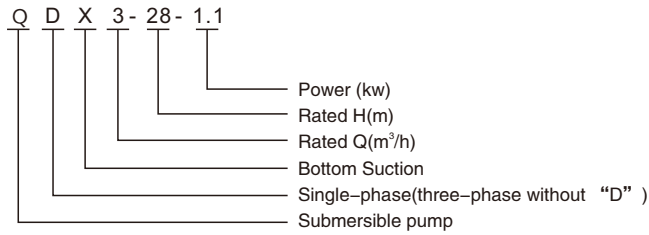


Net cover using three thick steel plate material

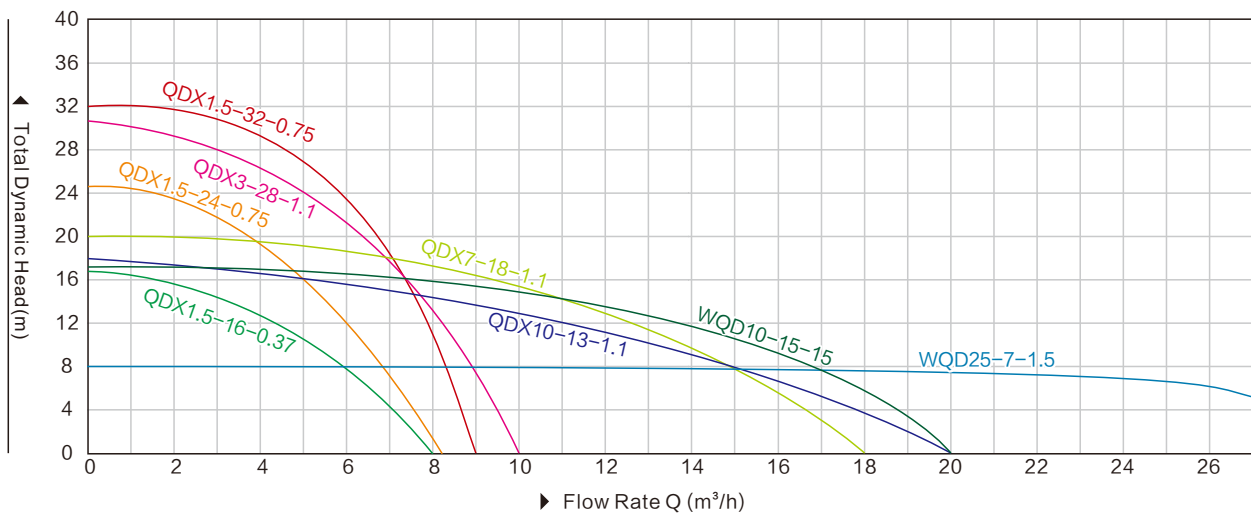


High quality low noise bearing

### Model specification



### The graph



### Performance parameters of the table

Model	Voltage (V)	Rated Q (m <sup>3</sup> /h)	Rated H (m <sup>3</sup> )	Rated Power (kw)	Outlet Dia (mm)	Speed (r/min)
QDX1.5-16-0.37	160-230	1.5	16	0.37	25	3000
QDX1.5-24-0.75	160-230	1.5	24	0.75	25	3000
QDX1.5-32-0.75	160-230	1.5	32	0.75	25	3000
QDX3-28-1.1	160-230	3	28	1.1	25	3000
QDX7-18-1.1	160-230	7	18	1.1	40	3000
QDX10-13-1.1	160-230	10	13	1.1	50	3000
WQD6-28-1.5	160-230	6	28	1.5	50	3000
WQD25-7-1.5	160-230	25	7	1.5	76	3000
WQD10-15-15	160-230	10	15	1.5	65	3000

# 2013QDK

Submersible Pump



PROFESSIONAL WATER-PUMP MANUFACTURER



## Product accessories



Screws using 304 stainless steel



The circular stator coil insulation class F



Handle made of ABS material



Stainless steel 304 connecting shaft technology

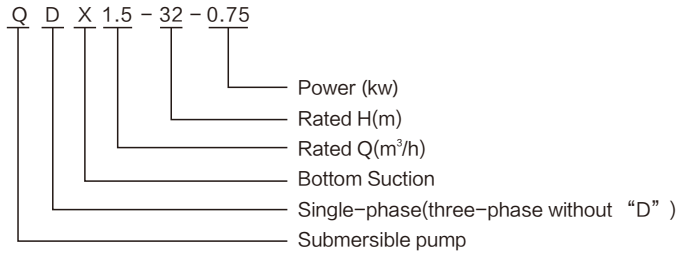


Net cover using three thick steel plate material

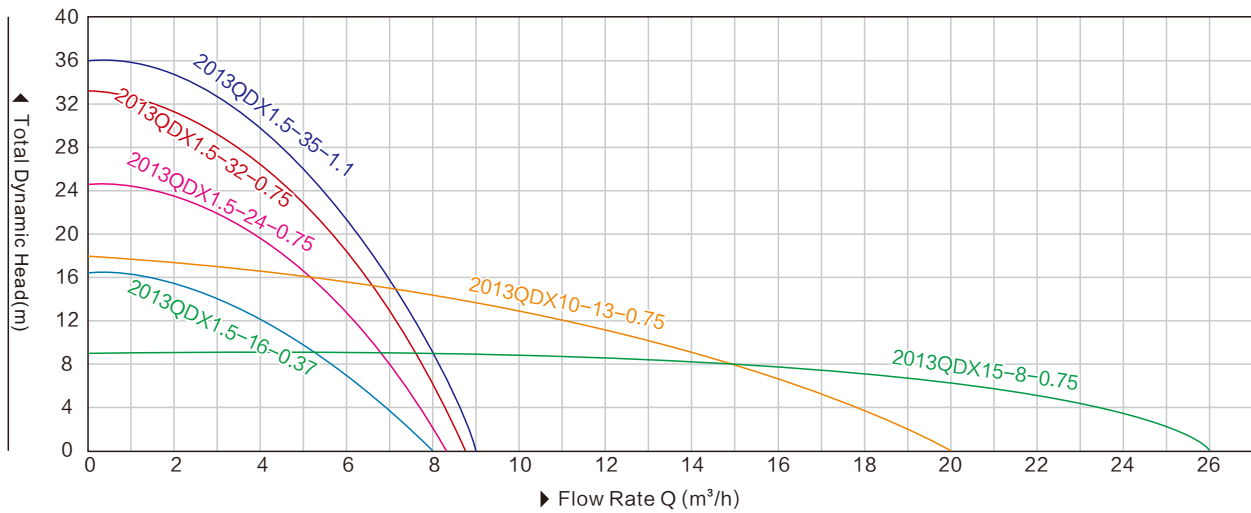


High quality low noise bearing

### Model specification



### The graph



### Performance parameters of the table

Model	Voltage (V)	Rated Q (m <sup>3</sup> /h)	Rated H (m)	Rated Power (kw)	Outlet Dia (mm)	Speed (r/min)
2013QDX1.5-16-0.37	160-230	1.5	16	0.37	25	3000
2013QDX1.5-24-0.75	160-230	1.5	24	0.75	25	3000
2013QDX1.5-32-0.75	160-230	1.5	32	0.75	25	3000
2013QDX1.5-35-1.1	160-230	1.5	35	1.1	25	3000
2013QDX10-13-0.75	160-230	10	13	0.75	25	3000
2013QDX15-8-0.75	160-230	15	8	0.75	40	3000

# 2015 Models QDX

Submersible Pump Series



PROFESSIONAL WATER-PUMP MANUFACTURER



## Product accessories



Screws using 304 stainless steel



The circular stator coil insulation class F



Handle made of ABS material



Stainless steel 304 connecting shaft technology



Net cover using three thick steel plate material



High quality low noise bearing

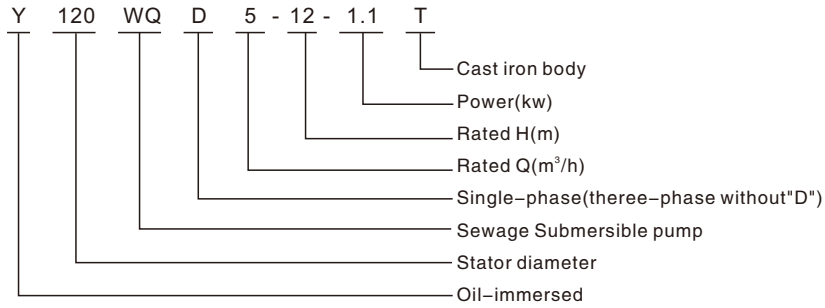
# 2015 Models QDX

Submersible Pump Series

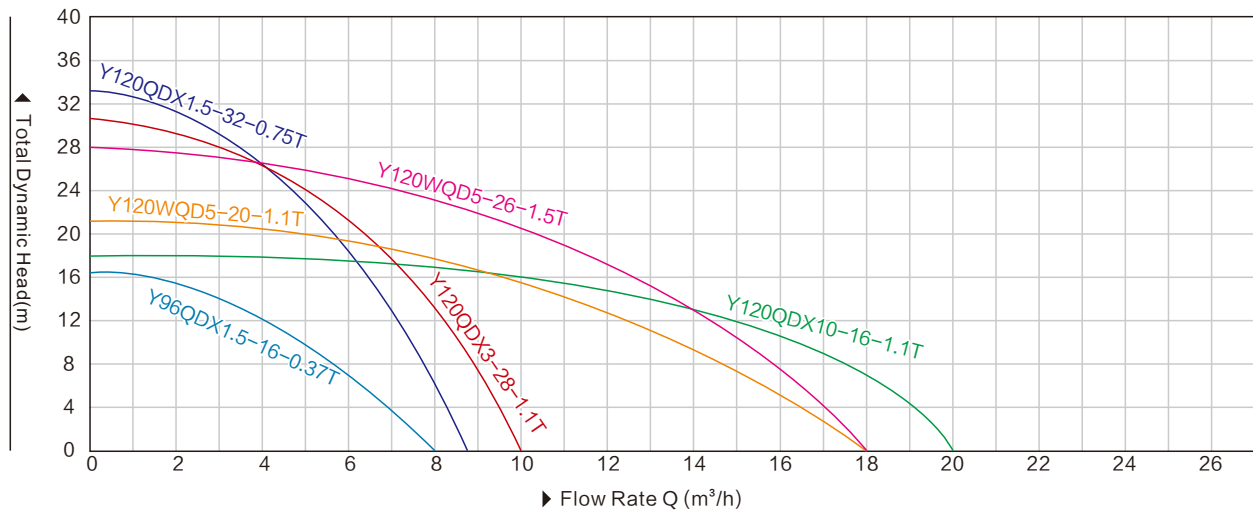


PROFESSIONAL WATER-PUMP MANUFACTURER

## Model specification



## The graph



## Performance parameters of the table

Model	Voltage (V)	Rated Q (m <sup>3</sup> /h)	Rated H (m)	Rated Power (kw)	Outlet Dia (mm)	Speed (r/min)
Y96QDX1.5-16-0.37T	150-230	1.5	16	0.37	25	3000
Y120QDX1.5-32-0.75T	150-230	1.5	24	0.75	25	3000
Y120QDX3-28-1.1T	150-230	3	28	1.1	25	3000
Y120QDX3-35-1.1T	150-230	3	35	1.1	25	3000
Y120QDX10-16-1.1T	150-230	10	16	1.1	50	3000
Y120WQD5-12-1.1T	140-230	5	12	1.1	50	3000
Y120WQD5-20-1.1T	120-230	5	20	1.1	50	3000
Y120WQD5-26-1.5T	140-230	5	26	1.5	50	3000
Y120WQD6-28-1.5T	150-230	6	28	1.5	50	3000
Y120WQD6-32-2.2T	180-230	6	32	2.2	50	3000
Y120WQD10-10-1.1T	140-230	10	10	1.1	50	3000
Y120WQD15-10-1.5T	170-230	15	10	1.5	50	3000
Y120WQD15-15-1.5T	180-230	15	15	1.5	50	3000
Y120WQD10-12-1.5T	180-230	This pump is dedicated to biogas slurry				

# 2015QDK-B

Submersible Pump / Sewage Submersible Pump



PROFESSIONAL WATER-PUMP MANUFACTURER



## Product accessories



Screws using 304 stainless steel



The circular stator coil insulation class F



Galvanized handle



Stainless steel 304 connecting shaft technology



Net cover using three thick steel plate material



High quality low noise bearing

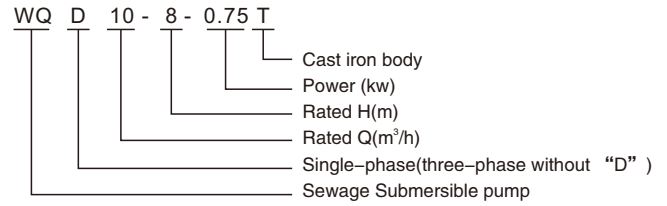
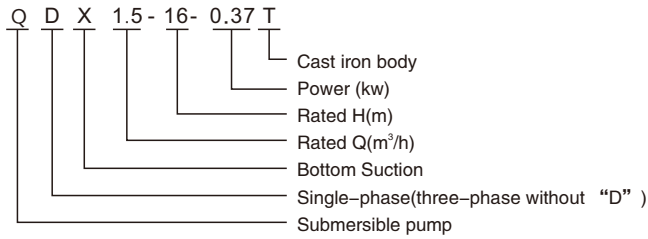
# 2015QDX-B

Submersible Pump / Sewage Submersible Pump

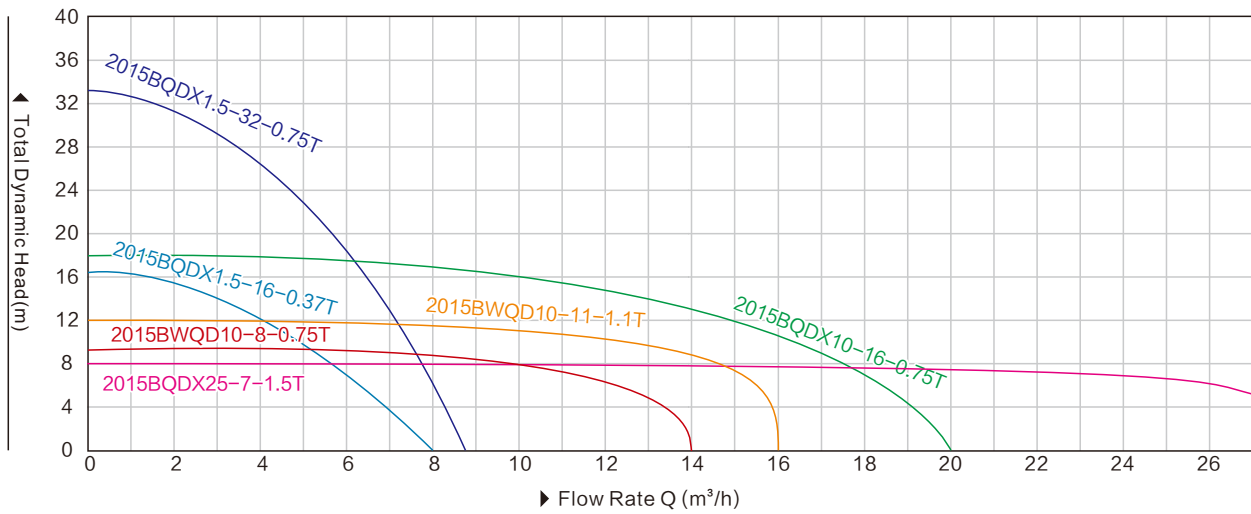


PROFESSIONAL WATER-PUMP MANUFACTURER

## Model specification



## The graph



## Performance parameters of the table

Model	Voltage (V)	Rated Q (m <sup>3</sup> /h)	Rated H (m)	Rated Power (kw)	Outlet Dia (mm)	Speed (r/min)
2015BQDX1.5-16-0.37T	150-230	1.5	16	0.37	25	3000
2015BQDX1.5-24-0.75T	150-230	1.5	24	0.75	25	3000
2015BQDX1.5-32-0.75T	150-230	1.5	32	0.75	25	3000
2015BQDX7-18-0.75T	150-230	7	18	0.75	40	3000
2015BQDX10-16-0.75T	150-230	10	16	0.75	50	3000
2015BQDX10-15-1.5T	140-230	10	15	1.5	65	3000
2015BQDX25-7-1.5T	140-230	25	7	1.5	80	3000
WQ/WQD series						
2015BWQD10-8-0.75T	150-230	10	8	0.75	50	3000
2015BWQD10-10-0.9T	150-230	10	10	0.9	50	3000
2015BWQD10-11-1.1T	150-230	10	11	1.1	50	3000
2015BWQ10-8-0.75T	380	10	8	0.75	50	3000
2015BWQ10-10-0.9T	380	10	10	0.9	50	3000
2015BWQ10-11-1.1T	380	10	11	1.1	50	3000

# 2016QDK

Submersible Pump



PROFESSIONAL WATER-PUMP MANUFACTURER



## Product accessories



Screws using 304 stainless steel



The circular stator coil insulation class F



High strength ppo handle



Stainless steel 304 connecting shaft technology



High strength net cover



High quality low noise bearing

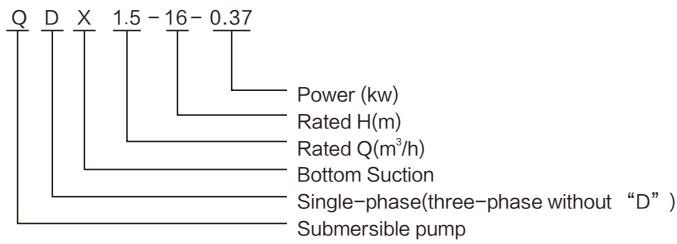
# 2016QDX

Submersible Pump

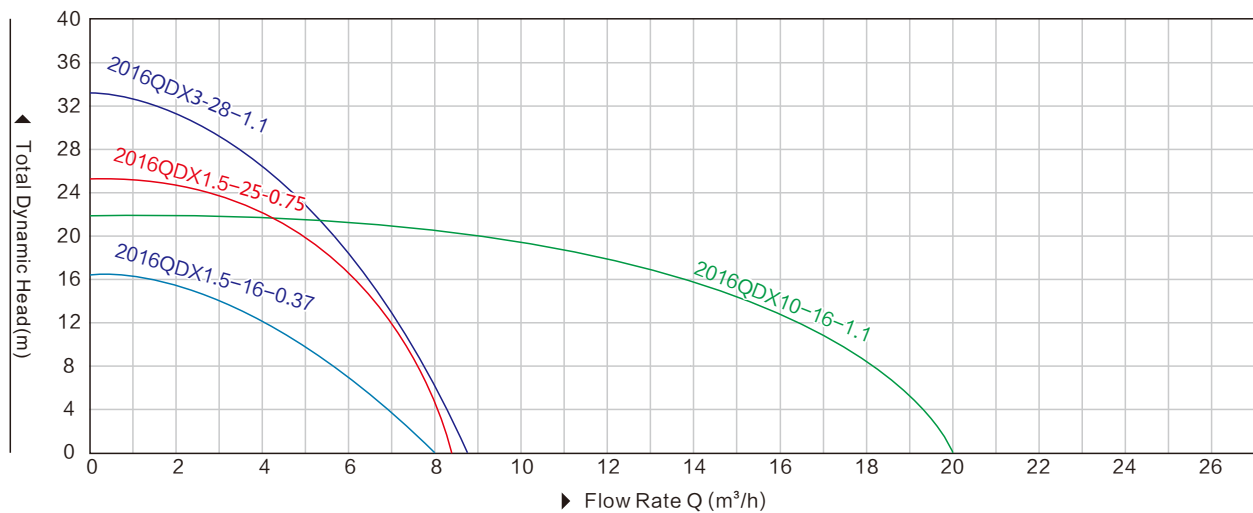


PROFESSIONAL WATER-PUMP MANUFACTURER

## Model specification



## The graph



## Performance parameters of the table

Model	Voltage (V)	Rated Q (m <sup>3</sup> /h)	Rated H (m <sup>3</sup> )	Rated Power (kw)	Outlet Dia (mm)	Speed (r/min)
2016QDX1.5-16-0.37	150-230	1.5	16	0.37	25	3000
2016QDX1.5-25-0.75	150-230	1.5	25	0.75	25	3000
2016QDX3-28-1.1	150-230	3	28	1.1	25	3000
2016QDX10-16-1.1	150-230	10	16	1.1	40	3000

# 2017QDK

Submersible Pump/WQD/Sewage Submersible Pump



PROFESSIONAL WATER-PUMP MANUFACTURER



## Product accessories



Screws using 304 stainless steel



The circular stator coil insulation class F



High strength ppo handle



Stainless steel 304 connecting shaft technology

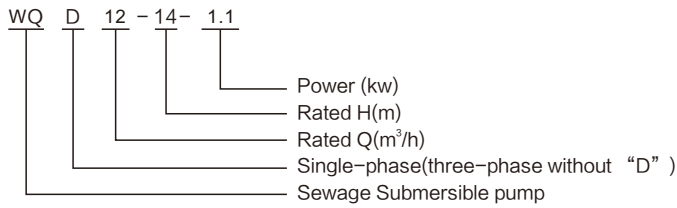
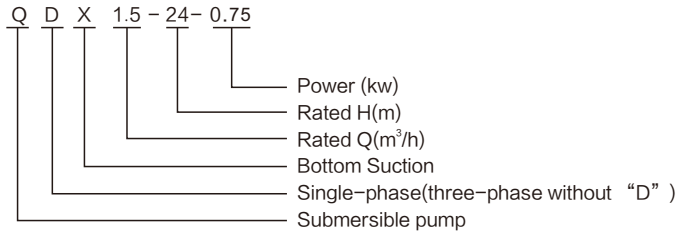


Cast iron net cover

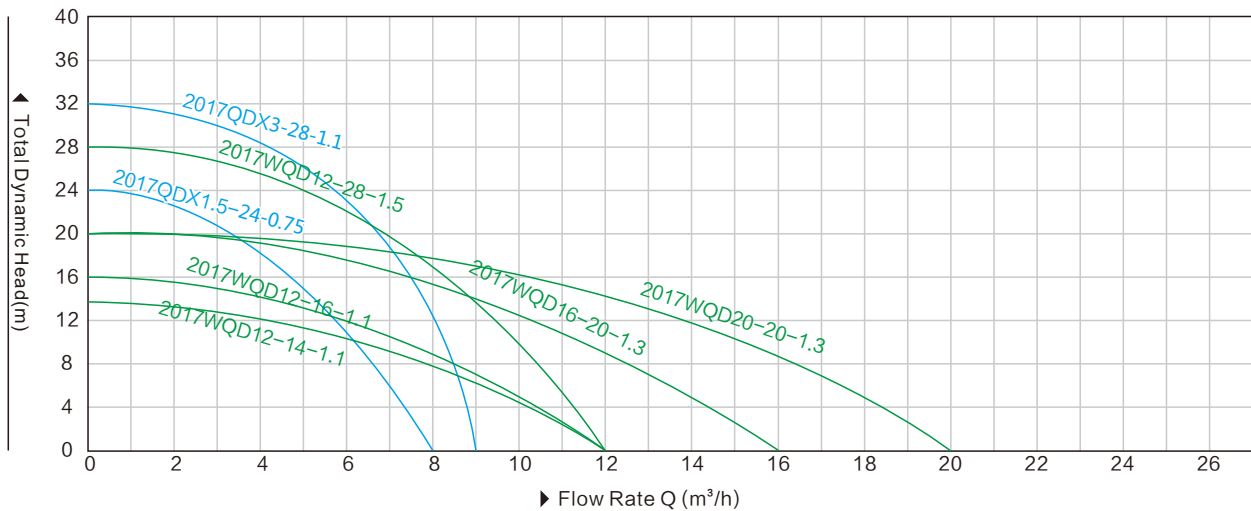


High quality low noise bearing

### Model specification



### The graph



### Performance parameters of the table

Model	Voltage (V)	Rated Q (m <sup>3</sup> /h)	Rated H (m)	Rated Power (kw)	Outlet Dia (mm)	Speed (r/min)
2017QDX1.5-24-0.75	150-230	1.5	24	0.75	25	3000
2017QDX1.5-32-0.75	150-230	1.5	32	0.75	25	3000
2017QDX3-28-1.1	150-230	3	28	1.1	40	3000
WQ/WQD SERIES						
2017WQD12-14-1.1	150-230	12	14	1.1	50	3000
2017WQD12-16-1.1	150-230	12	16	1.1	50	3000
2017WQD16-20-1.3双面	150-230	16	20	1.3	50	3000
2017WQD20-20-1.3双面	150-230	20	20	1.3	50	3000
2017WQD12-28-1.5双面	150-230	12	28	1.5	50	3000

# Cutting pump

Single Three phase sewage submersible pump by cutting



PROFESSIONAL WATER-PUMP MANUFACTURER



## Product accessories



Screws using 304 stainless steel



Handle by zinc plating



Cast iron



The circular stator coil insulation class F



Stainless steel 304 connecting shaft technology



High quality low noise bearing

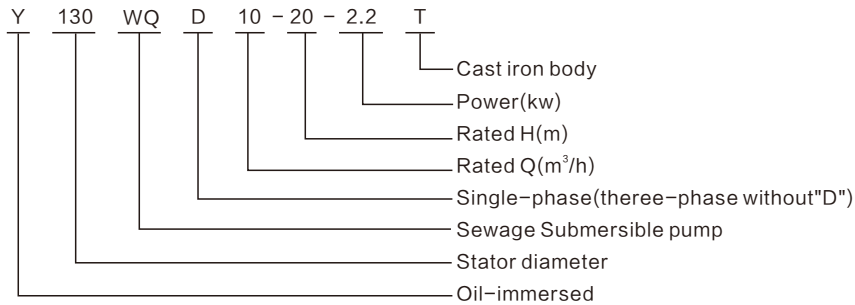
# Cutting pump

Single Three phase sewage submersible pump by cutting

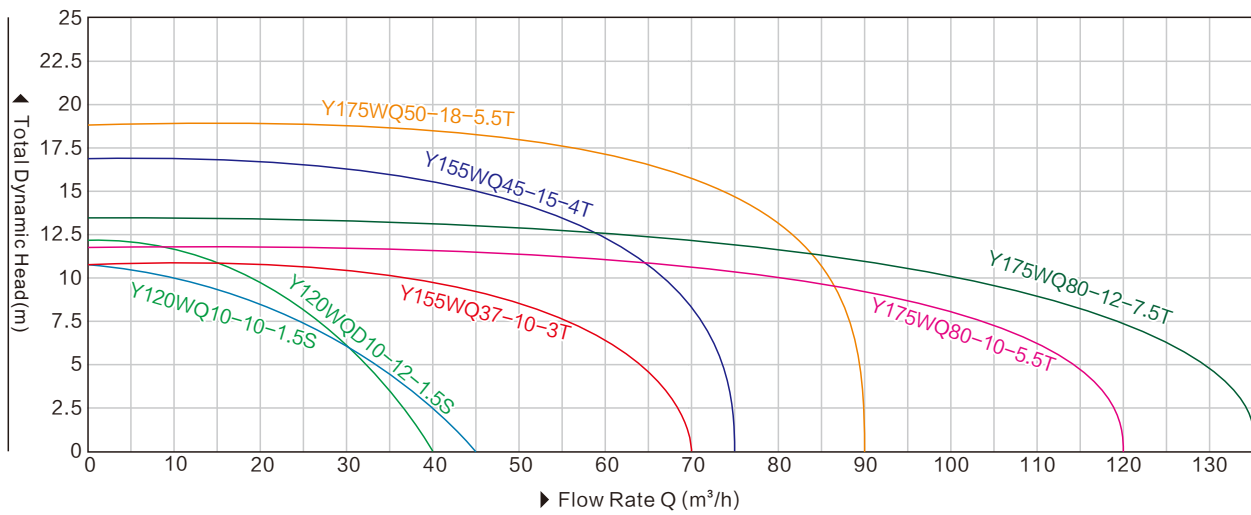


PROFESSIONAL WATER-PUMP MANUFACTURER

## Model specification



## The graph



## Performance parameters of the table

Model	Voltage (V)	Rated Q (m <sup>3</sup> /h)	Rated H (m)	Rated Power (kw)	Outlet Dia (mm)	Speed (r/min)
Y120WQD10-12-1.5S	150-230、380	10	12	1.5	50	3000
Y130WQD10-20-2.2T	150-230、380	10	20	2.2	50	3000
Y155WQ37-10-3T	380	37	10	3	76	3000
Y155WQ45-15-4T	380	45	15	4	76	3000
Y175WQ50-18-5.5T	380	50	18	5.5	76	3000
Y175WQ80-10-5.5T	380	80	10	5.5	102	3000
Y175WQ50-22-7.5T	380	50	22	7.5	76	3000
Y175WQ80-12-7.5T	380	80	12	7.5	102	3000

# QX/WQ

Sewage Submersible Pump



PROFESSIONAL WATER-PUMP MANUFACTURER



## Product accessories



Screws using 304 stainless steel



The circular stator coil insulation class F



Steel flying rings



Stainless steel 304 connecting shaft technology



International standard flange

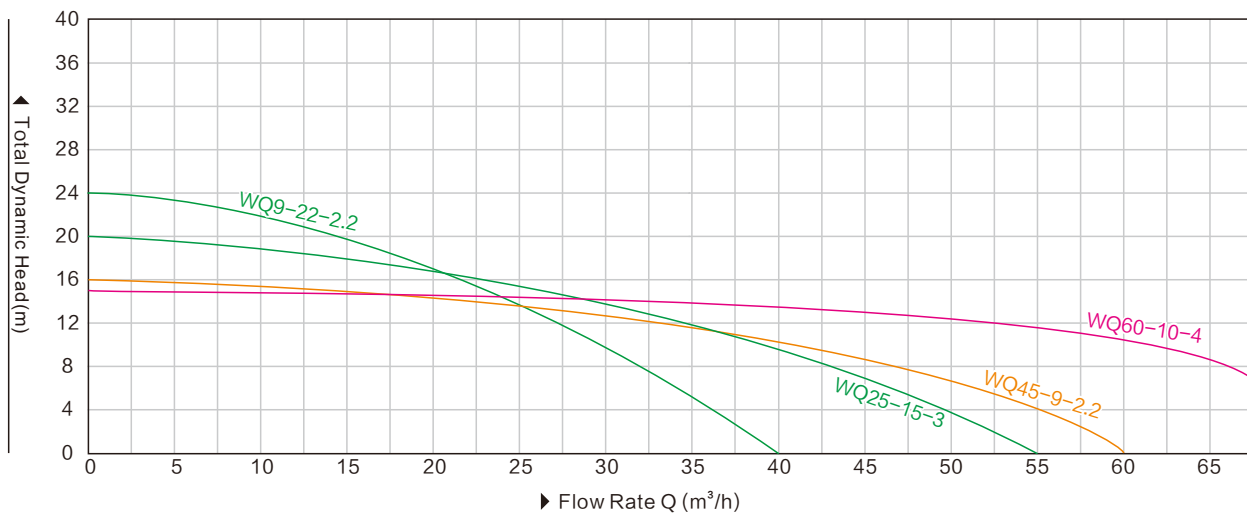


High quality low noise bearing

## Model specification



## The graph



## Performance parameters of the table

Model	Voltage (V)	Rated Q (m³/h)	Rated H (m)	Rated Power (kw)	Outlet Dia (mm)	Speed (r/min)
QX6-25-1.1	380	6	25	1.1	50	2900
QX6-32-1.5	380	6	32	1.5	40	2900
QX10-34-2.2	380	10	34	2.2	50	2900
QX10-44-3	380	10	44	3	50	2900
QX15-45-4	380	15	45	4	50	2900
QX15-55-5.5	380	15	55	5.5	50	2900
QX12-72-7.5	380	12	72	7.5	50	2900



Model	Voltage (V)	Rated Q (m <sup>3</sup> /h)	Rated H (m)	Rated Power (kw)	Outlet Dia (mm)	Speed (r/min)
WQD10-10-0.75	220	10	10	0.75	50	2900
WQ10-10-0.75	380	10	10	0.75	50	2900
WQ7-15-1.1	380	7	15	1.1	40	2900
WQ15-9-1.1	380	15	9	1.1	50	2900
WQ12-15-1.5	380	12	15	1.5	40	2900
WQ25-7-1.5	380	25	7	1.5	50	2900
WQ25-10-1.5	380	25	10	1.5	50	2900
WQ9-22-2.2	380	9	22	2.2	50	2900
WQ15-15-2.2	380	15	15	2.2	50	2900
WQ25-10-2.2	380	25	10	2.2	65	2900
WQ40-10-2.2	380	40	10	2.2	80	2900
WQ45-9-2.2	380	45	9	2.2	80	2900
WQ50-7-2.2	380	50	7	2.2	100	2900
WQ15-30-3	380	15	30	3	50	2900
WQ25-15-3	380	25	15	3	65	2900
WQ25-20-3	380	25	20	3	65	2900
WQ43-13-3	380	43	13	3	80	2900
WQ50-10-3	380	50	10	3	80	2900
WQ60-9-3	380	60	9	3	100	2900
WQ20-25-4	380	20	25	4	65	2900
WQ40-15-4	380	40	15	4	80	2900
WQ60-10-4	380	60	10	4	100	2900
WQ15-40-5.5	380	15	40	5.5	50	2900
WQ30-30-5.5	380	30	30	5.5	65	2900
WQ65-15-5.5	380	65	15	5.5	100	2900
WQ100-7-5.5	380	100	7	5.5	150	2900
WQ45-22-7.5	380	45	22	7.5	80	2900
WQ65-20-7.5	380	65	20	7.5	100	1450
WQ80-15-7.5	380	80	15	7.5	100	1450
WQ100-10-7.5	380	100	10	7.5	150	1450
WQ80-25-11	380	80	25	11	100	1450
WQ130-15-11	380	130	15	11	150	1450
WQ300-7-11	380	300	7	11	200	1450
WQ80-30-15	380	80	30	15	100	1450
WQ130-20-15	380	130	20	15	150	1450
WQ250-11-15	380	250	11	15	200	1450
WQ80-35-18.5	380	80	35	18.5	100	1450
WQ180-20-18.5	380	180	20	18.5	150	1450
WQ250-15-18.5	380	250	15	18.5	200	1450
WQ180-25-22	380	180	25	22	150	1450
WQ300-15-22	380	300	15	22	200	1450
WQ400-10-22	380	400	10	22	200	1450
WQ180-30-30	380	180	30	30	150	1450

# QDP-AW

## Submersible Pumps Series



PROFESSIONAL WATER-PUMP MANUFACTURER

### Motor

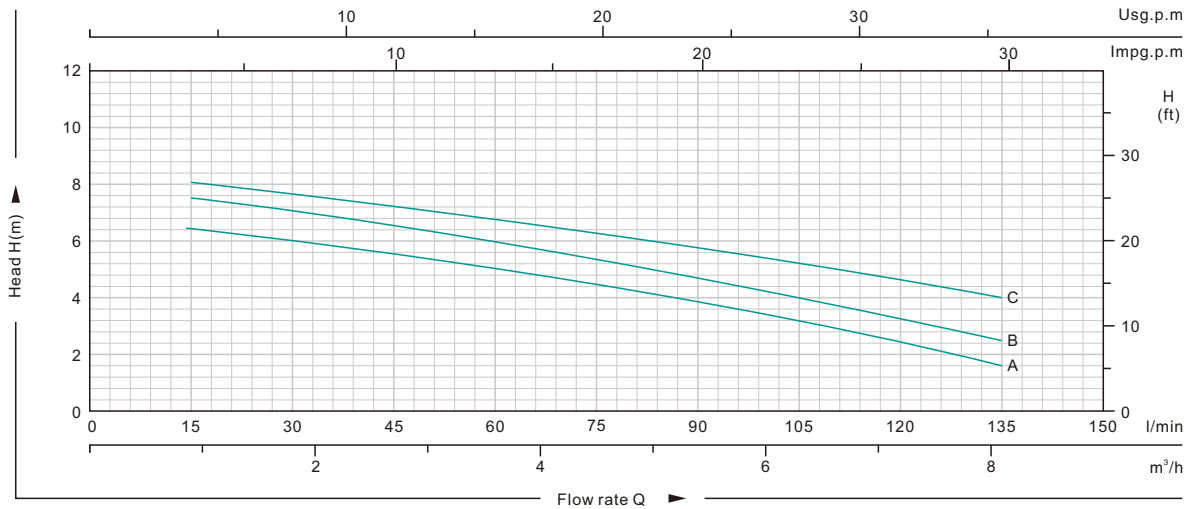
Two-pole induction motor(n=2850 r.p.m)  
 Insulation Class B  
 Protection Ip68  
 Cpmtomicous service S1  
 Thermal protector  
 Single-phase 220V/50Hz,60Hz if request

### Operating conditions

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

### Component Construction

Pump body:	Technopolymer
Suction filter:	Technopolymer
Impeller:	Noryl
Motor shaft:	AISI420 SS,AISI304 SS if request
Mechanical sral:	Ceraamic/Graphite
Bearings:	6201 RZ/6201 RZ
Cable:	6m long power cable with plug

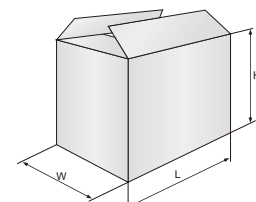


### PERIPHERAL PUMP SERIES

### PERFORMANCE CHART AT n=2850RPM

No.	MODEL	POWER		Q(m³/h)	0	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8.1
		kw	HP											
A	QDP-400AW	0.4	0.55	H	0	15	30	45	60	75	90	105	120	135
B	QDP-550AW	0.55	0.75		7	6.5	6	5.5	5	4.5	3.8	3.2	2.5	1.5
C	QDP-750AW	0.75	1		8	7.5	7	6.5	6	5.4	4.8	4	3.2	2.5

No.	MODEL	INLET/OUTLET	N.W	LxWxH
		(inch)		
A	QDP-400AW	1½"	4.4	205X175X350
B	QDP-550AW	1½"	4.7	205X175X350
C	QDP-750AW	1½"	5.1	205X175X350



PROFESSIONAL WATER-PUMP MANUFACTURER



WeChat



Micro web site



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