



ZHEJIANG HAPPY PUMP INDUSTRY CO., LTD

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Note: this directory all series of products, there may be errors between data and actual, please refer to our actual product.
Are subject to change without prior notice.



2020

ZHEJIANG HAPPY PUMP
INDUSTRY CO., LTD

www.happypump.com



**THE FOUNDATION
OF LIFE** www.happypump.com

THE FOUNDATION OF LIFE

Zhejiang Happy Pump Industry Co.,Ltd
www.happypump.com



The foundation of life

55,000 m²

Division covers an area of
55,000 square meters

2,500,000 sets

Annual sales reached 2.5 million units

70,000,000 USD

Annual sales reached more than 70
million dollars

ABOUT US

1997 - 2020 Zhejiang Happy Pump Industry Co.,Ltd

Zhejiang Happy Pump Industry Co.,Ltd is a professional share-issuing enterprise in the production of water pumps, and located in Daxi Town, Wenling Taizhou City, Zhejiang of China, which is well known as "Hometown of Water Pump". Happy Pump was founded in 1997, with 24 years accumulation of middle and high-grade pump production and management experience. He always be with the good faith quality and initiative spirit of "Continuous Innovation" leading in the industry, being famous in home and abroad, brimming with confidence towards a higher goal of "new scale, intensive and professional". He covers an area of 55000 square meters, construction area of 110000 square meters, employs 800 employees including 100 professional and technical personnel, and has achieved sales volume of 2.5 million sets, and sales amount of 70 million dollars in last year. Happy pump sale exported to more than 150 countries and regions that continuously improve his global brand reputation.

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

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

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



HAPPY[®]



www.happypump.com



CERTIFICATES OF HONOR

Zhejiang Happy Pump Industry Co., Ltd

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



1997 - 2020 Zhejiang Happy Pump Industry Co.,Ltd





01 2SDM/2.5SDM
03 3SDM
07 3.5SDM



(220V/50Hz)

09 4SD2
11 4SD3
12 4SD4
13 4SD6
14 4SD8
15 4SD10
16 4SD12
17 4SD16



(220V/50Hz)

19 3SP2
21 4SP2
23 4SP3
24 4SP5
25 4SP8
26 4SP14



(220V/50Hz)

27 2SDM/2.5SDM
29 3SDM



(110-220V/60Hz)

31 4SD2
33 4SD4
34 4SD6



(110-220V/60Hz)

35 3SPM2
37 4SPM2
39 4SPM3
40 4SPM5



(110-220V/60Hz)

41 3SKM/4SKM



(220V/50Hz)

43 4QG SOLAR PUMP
45 3SP SOLAR PUMP
47 4SP SOLAR PUMP



SOLAR PUMP
DC24-72V

49 QGD



(220V/50Hz)

51 5SR



(220V/50Hz)

55 5SP



(220V/50Hz)

59 6SR
63 6SP



(220V/50Hz)

2SDM & 2.5SDM

Application

For pumping clean water with sand content less than 150g/m³
 For well pumping, river pumping, farm irrigation, water supply.

Operating conditions

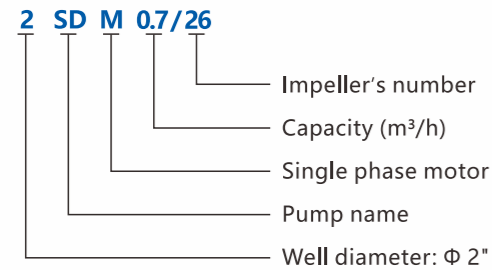
Water temperature up to 35°C
 Ambient temperature permissible up to 40°C
 2SDM Minimum internal diameter of well: 2" (50mm)
 2.5SDM Minimum internal diameter of well: 2.5" (65mm)
 Maximum immersion depth: 80m

Motor

Rewindable motor
 Insulation **Class B**
 Protection **IP68**
 NEMA dimension standards

Options on request

Special mechanical seal
 Single phase motor with built-in capacitor
 Single phase motor with control box
 The length of cable: 2 Meter
 Outlet dimension : 1/2", 3/4", 1"



Components	Material
Pump body	Stainless steel
Motor bracket	Stainless steel
Motor shaft	AISI304 SS
Pump shaft	Stainless steel
Impeller	POM
Diffuser	PC
Bearing	C&U, NSK if request
Mechanical seal	Ceramic /Graphite, SIC/Graphite or Alloy Graphite if request
Coupling and outlet	Brass, Stainless steel or Cast iron if request
Shaft coupling	AISI304 SS
Bearing bush	AISI304 SS
Oil chamber	Cast iron, Cast-Cu if request

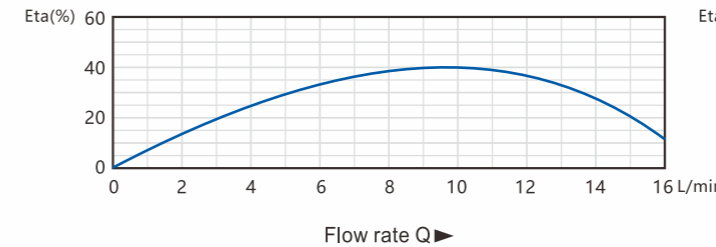
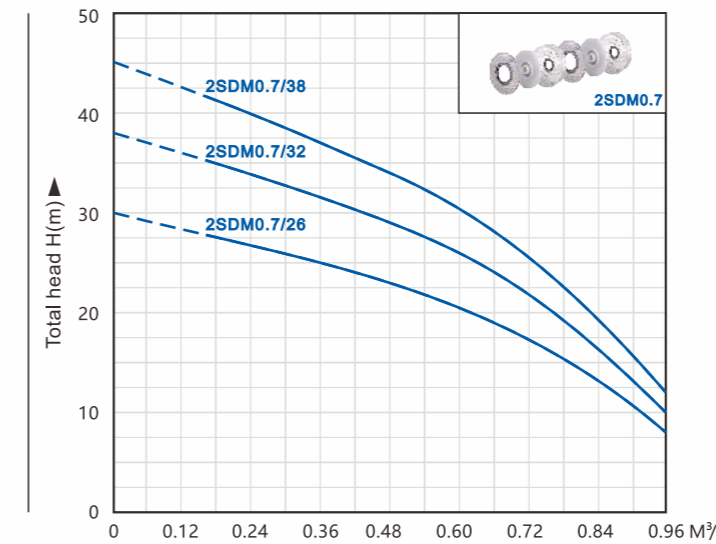


2SDM0.7

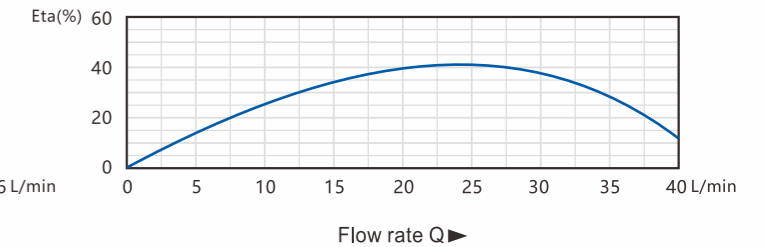
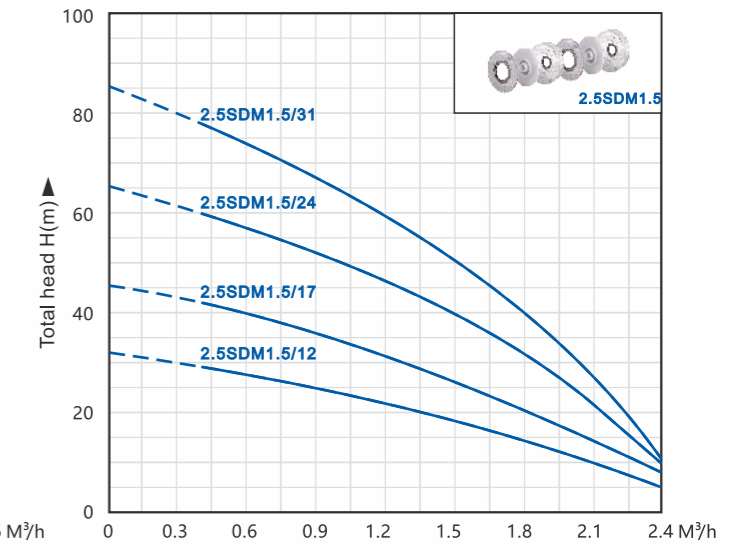
2.5SDM1.5



PERFORMANCE CHART AT N=2850RPM



PERFORMANCE CHART AT N=2850RPM



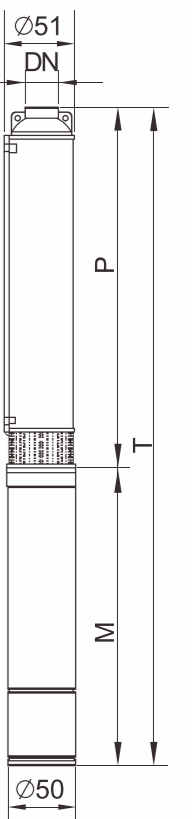
PERFORMANCE DATA 50Hz

Model	Power		Capacity & Head n=2850 r.p.m									
	kW	HP	Q(M³/h)	0	0.12	0.24	0.36	0.48	0.60	0.72	0.84	0.96
1~220V-240V			Q(L/min)	0	2	4	6	8	10	12	14	16
2SDM0.7/26	0.18	0.25	H(m)	30	29	27	25	23	21	18	14	8
2SDM0.7/32	0.25	0.33		38	36	34	31	29	26	22	17	10
2SDM0.7/38	0.37	0.5		45	43	40	37	34	31	26	20	12

Model	Power		Capacity & Head n=2850 r.p.m									
	kW	HP	Q(M³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4
1~220V-240V			Q(L/min)	0	5	10	15	20	25	30	35	40
2.5SDM1.5/12	0.18	0.25	H(m)	33	30	28	26	23	20	17	11	5
2.5SDM1.5/17	0.25	0.33		46	42	39	37	33	29	24	16	7
2.5SDM1.5/24	0.37	0.5		65	60	56	52	46	40	33	22	10
2.5SDM1.5/31	0.55	0.75		84	77	72	67	60	52	43	29	13

DIMENSIONS & WEIGHTS

Model	DN	DIMENSION (mm)			WEIGHT (kg)		
		P	M	T	P	M	T
1~220V-240V							
2SDM0.7/26	1/2" / 3/4"	824	530	1280	2	4.3	6.3
2SDM0.7/32	1/2" / 3/4"	966	565	1460	2.3	4.7	7
2SDM0.7/38	1/2" / 3/4"	1130	590	1640	2.6	5	7.6
2.5SDM1.5/12	1"	522	382	850	3.4	6.9	10.2
2.5SDM1.5/17	1"	680	412	1040	3.9	7.6	11.4
2.5SDM1.5/24	1"	868	462	1270	4.2	8.2	12.3
2.5SDM1.5/31	1"	1078	512	1520	4.5	8.9	13.3



3SD



Application

For pumping clean water with sand content less than 150g/m³
For well pumping, river pumping, farm irrigation, water supply.

Operating conditions

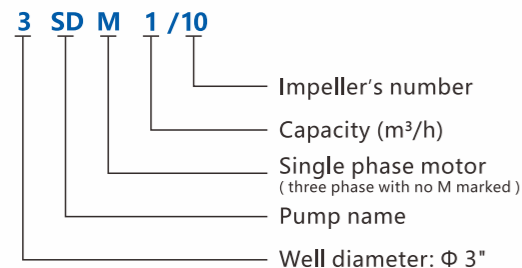
Water temperature up to 35°C
Ambient temperature permissible up to 40°C
3SDM Minimum internal diameter of well: 3" (75mm)
Maximum immersion depth: 80m

Motor

Rewindable motor
Insulation **Class B**
Protection **IP68**
NEMA dimension standards

Options on request

Special mechanical seal
Single phase motor with built-in capacitor
Single phase motor with control box
The length of cable: 2 Meter
Outlet dimension : 1", 1¼"



Components	Material
Pump body	Stainless steel
Motor bracket	Stainless steel
Motor shaft	AISI304 SS
Pump shaft	Stainless steel
Impeller	POM
Diffuser	PC
Bearing	C&U, NSK if request
Mechanical seal	Ceramic /Graphite, SIC/Graphite or Alloy Graphite if request
Coupling and outlet	Brass, Stainless steel or Cast iron if request
Shaft coupling	AISI304 SS
Bearing bush	AISI304 SS
Oil chamber	Cast iron, Cast-Cu if request

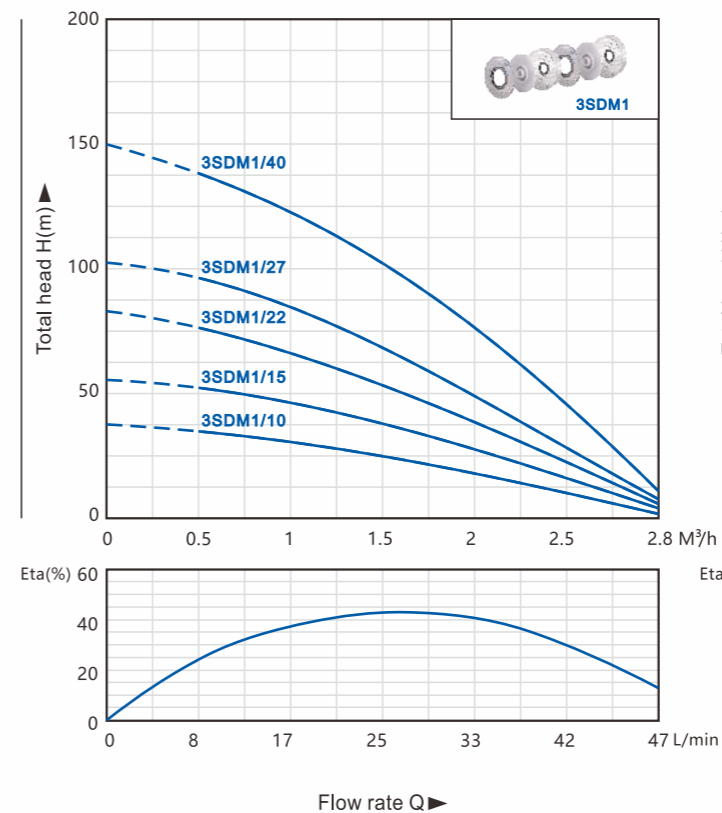


3SDM

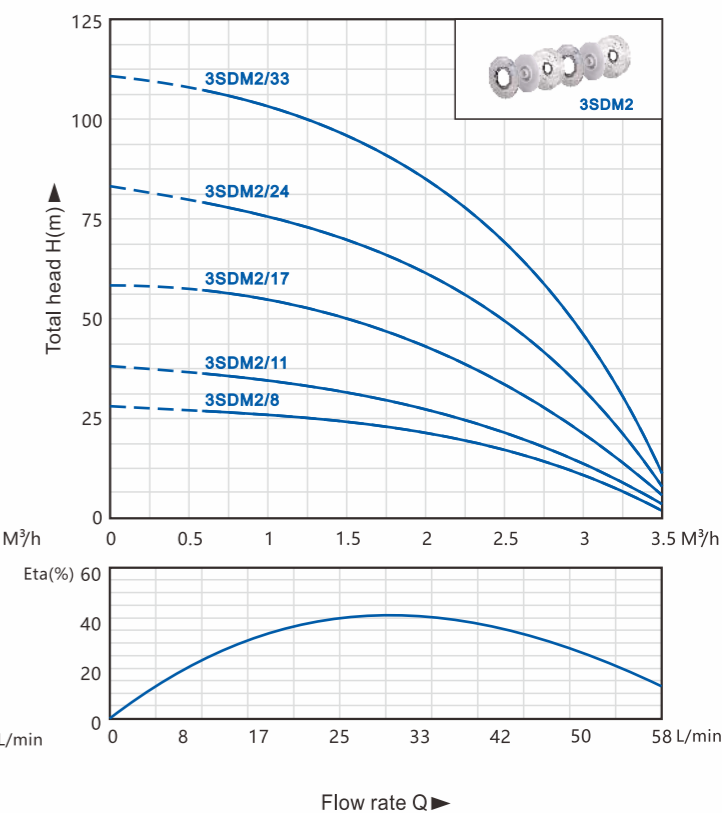
3SDM



PERFORMANCE CHART AT N=2850RPM



PERFORMANCE CHART AT N=2850RPM

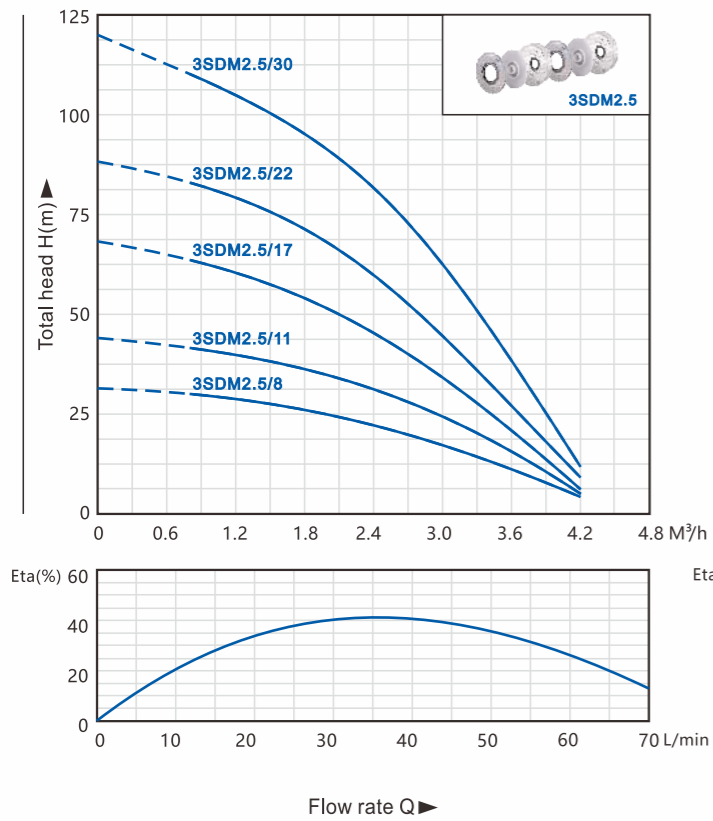


PERFORMANCE DATA 50Hz

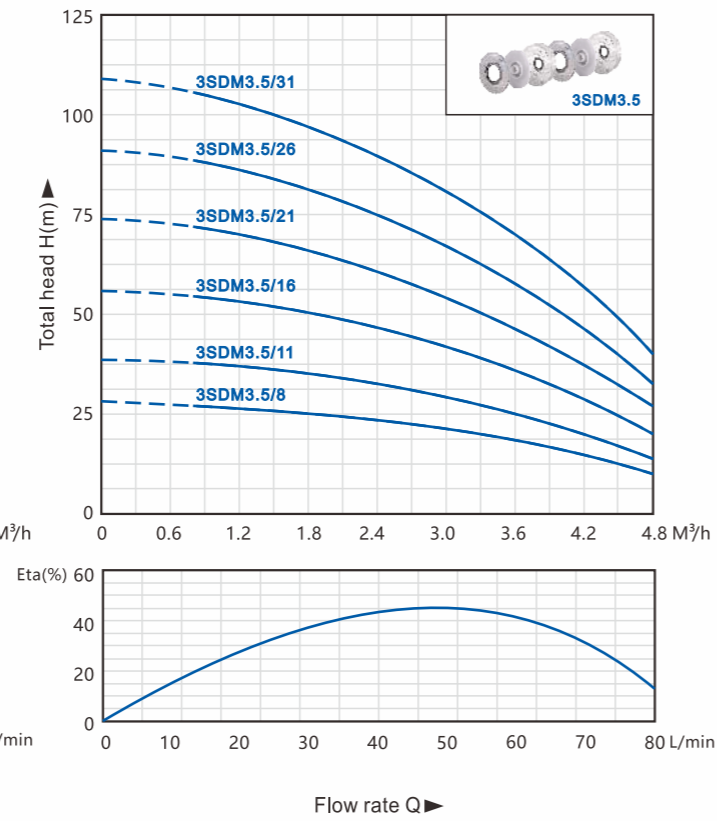
Model	Power		Capacity & Head n=2850 r.p.m							
	kW	HP	Q(M³/h)	0	0.5	1	1.5	2	2.5	2.8
1~220V-240V			Q(L/min)	0	8	17	25	33	42	47
3SDM1/10	0.25	0.33	H(m)	38	36	30	23	17	7	3
3SDM1/15	0.37	0.5		56	54	45	40	26	18	5
3SDM1/22	0.55	0.75		83	78	66	51	38	15	7
3SDM1/27	0.75	1		103	95	89	76	52	19	9
3SDM1/40	1.1	1.5		150	140	126	108	73	40	12

Model	Power		Capacity & Head n=2850 r.p.m								
	kW	HP	Q(M³/h)	0	0.5	1	1.5	2	2.5	3	3.5
1~220V-240V			Q(L/min)	0	8	17	25	33	42	50	58
3SDM2/8	0.25	0.33	H(m)	28	27	25	24	22	18	11	2
3SDM2/11	0.37	0.5		38	36	33	32	29	22	15	4
3SDM2/17	0.55	0.75		58	56	55	51	44	32	23	6
3SDM2/24	0.75	1		83	80	76	71	62	51	37	9
3SDM2/33	1.1	1.5		111	108	103	96	85	67	50	12

PERFORMANCE CHART AT N=2850RPM



PERFORMANCE CHART AT N=2850RPM



PERFORMANCE DATA 50Hz

Model	Power		Capacity & Head n=2850 r.p.m											
	kW	HP	Q		H(m)									
			Q(M³/h)	Q(L/min)	0	0.6	1.2	1.8	2.4	3	3.6	4.2		
1~220V-240V			0	10	20	30	40	50	60	70				
3SDM2.5/8	0.25	0.33	32	30	28	26	22	19	10	4				
3SDM2.5/11	0.37	0.5	44	41	38	36	30	26	13	5				
3SDM2.5/17	0.55	0.75	68	64	60	55	47	40	19	6				
3SDM2.5/22	0.75	1	88	83	77	72	60	52	25	9				
3SDM2.5/30	1.1	1.5	120	113	105	95	81	71	36	12				

Model	Power		Capacity & Head n=2850 r.p.m												
	kW	HP	Q		H(m)										
			Q(M³/h)	Q(L/min)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8		
1~220V-240V			0	10	20	30	40	50	60	70	80				
3SDM3.5/8	0.25	0.33	28	27	26	24	22	20	18	15	10				
3SDM3.5/11	0.37	0.5	38	37	36	34	31	28	25	20	14				
3SDM3.5/16	0.55	0.75	56	55	52	49	45	40	36	30	20				
3SDM3.5/21	0.75	1	74	72	69	65	59	53	48	39	27				
3SDM3.5/26	1.1	1.5	91	89	86	80	74	66	59	49	33				
3SDM3.5/31	1.5	2	109	106	102	96	88	79	71	58	40				

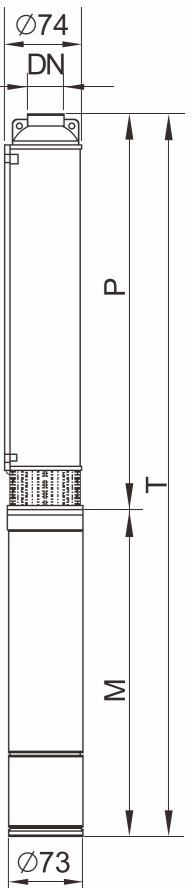
DIMENSIONS & WEIGHTS

Model	DN	DIMENSION (mm)			WEIGHT (kg)		
		P	M	T	P	M	T
1~220V-240V							
3SDM1/10	1" / 1/4"	450	390	780	2.4	4.7	7.1
3SDM1/15	1" / 1/4"	572	430	946	2.8	5.5	8.3
3SDM1/22	1" / 1/4"	773	430	1147	3.5	6.5	10
3SDM1/27	1" / 1/4"	900	470	1322	3.9	7.5	11.4
3SDM1/40	1" / 1/4"	1250	555	1758	5.2	9.7	14.9

Model	DN	DIMENSION (mm)			WEIGHT (kg)		
		P	M	T	P	M	T
1~220V-240V							
3SDM2/8	1" / 1/4"	412	390	724	2.4	4.7	7.1
3SDM2/11	1" / 1/4"	495	430	877	2.7	5.5	8.2
3SDM2/17	1" / 1/4"	664	430	1046	3	6.5	9.5
3SDM2/24	1" / 1/4"	885	470	1307	3.7	7.5	11.2
3SDM2/33	1" / 1/4"	1164	555	1671	4.8	9.7	15.5

Model	DN	DIMENSION (mm)			WEIGHT (kg)		
		P	M	T	P	M	T
1~220V-240V							
3SDM2.5/8	1" / 1/4"	422	390	764	2.4	4.7	7.1
3SDM2.5/11	1" / 1/4"	503	430	885	2.7	5.5	8.3
3SDM2.5/17	1" / 1/4"	698	430	1080	3.1	6.5	9.6
3SDM2.5/22	1" / 1/4"	833	470	1255	3.5	7.5	11
3SDM2.5/30	1" / 1/4"	1082	550	1589	4.6	9.7	15.3

Model	DN	DIMENSION (mm)			WEIGHT (kg)		
		P	M	T	P	M	T
1~220V-240V							
3SDM3.5/8	1" / 1/4"	466	390	810	2.6	4.7	7.3
3SDM3.5/11	1" / 1/4"	566	430	950	2.9	5.5	8.4
3SDM3.5/16	1" / 1/4"	770	430	1152	3.3	6.5	9.8
3SDM3.5/21	1" / 1/4"	938	470	1360	4	7.5	11.5
3SDM3.5/26	1" / 1/4"	1106	555	1613	4.9	9.7	14.6
3SDM3.5/31	1" / 1/4"	1310	605	1868	6.3	11.1	17.4



3.5SD

Application

For pumping clean water with sand content less than 150g/m³
For well pumping, river pumping, farm irrigation, water supply.

Operating conditions

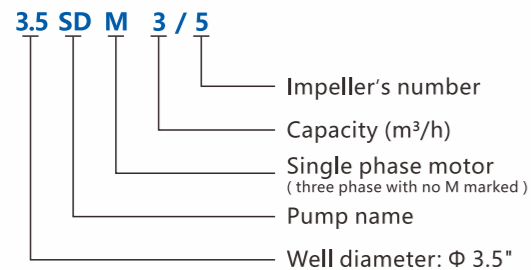
Water temperature up to 35°C
Ambient temperature permissible up to 40°C
3.5SDM Minimum internal diameter of well: 3.5" (90mm)
Maximum immersion depth: 80m

Motor

Rewindable motor
Insulation **Class B**
Protection **IP68**
NEMA dimension standards

Options on request

Special mechanical seal
Single phase motor with built-in capacitor
Single phase motor with control box
The length of cable: 2 Meter
Outlet dimension : 1/4", 1/2"



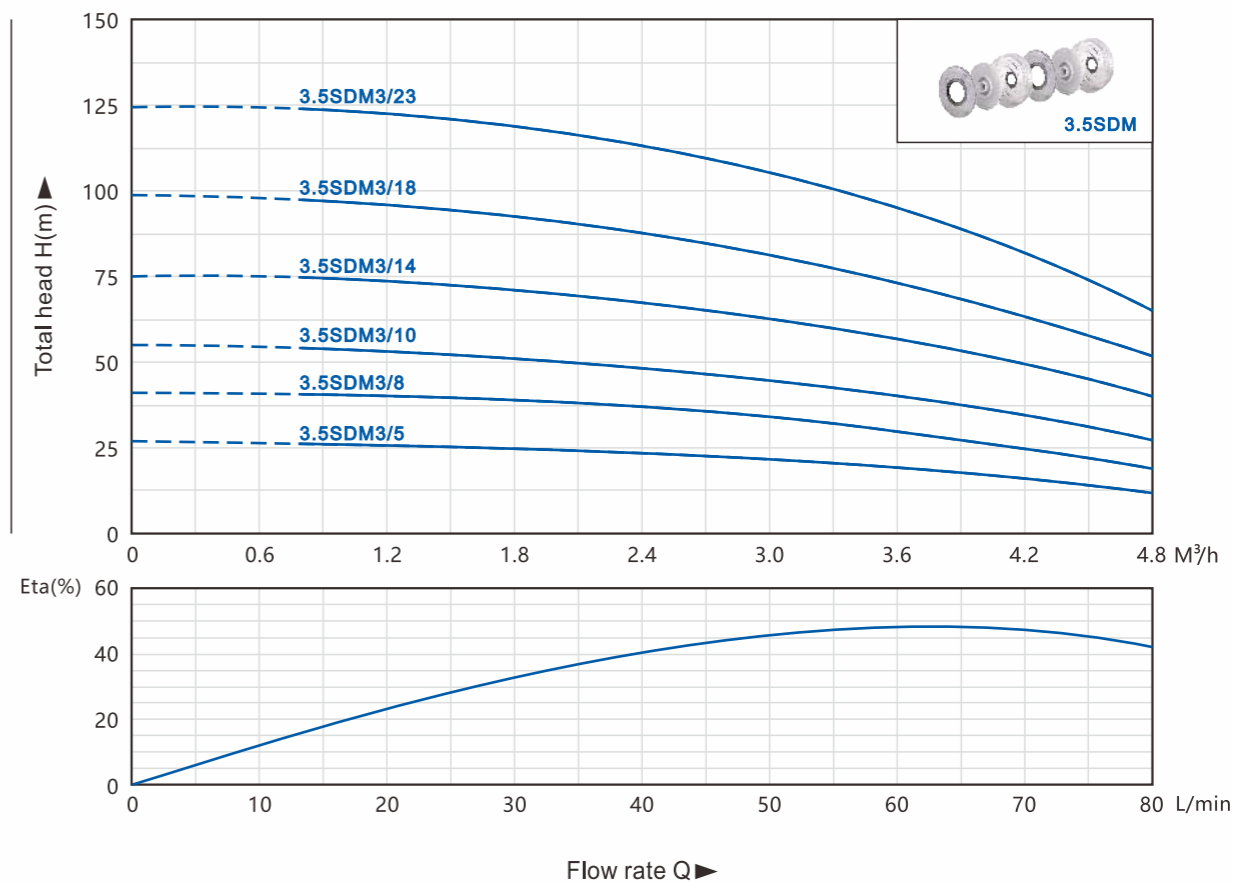
Components	Material
Pump body	Stainless steel
Motor bracket	Stainless steel
Motor shaft	AISI304 SS
Pump shaft	Stainless steel
Impeller	POM
Diffuser	PC
Bearing	C&U, NSK if request
Mechanical seal	Ceramic /Graphite, SIC/Graphite or Alloy Graphite if request
Coupling and outlet	Brass, Stainless steel or Cast iron if request
Shaft coupling	AISI304 SS
Bearing bush	AISI304 SS
Oil chamber	Cast iron, Cast-Cu if request



3.5SDM3



PERFORMANCE CHART AT N=2850RPM

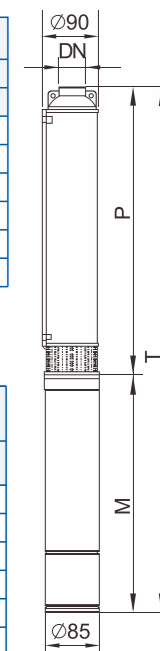


PERFORMANCE DATA 50Hz

Model	Power		Capacity & Head n=2850 r.p.m									
	kW	HP	Q(M ³ /h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
1~ 220V-240V			Q(L/min)	0	10	20	30	40	50	60	70	80
3.5SDM3/5	0.25	0.3	H(m)	27	26	25	24	23	22	20	17	13
3.5SDM3/8	0.37	0.5		43	42	41	40	38	35	31	26	20
3.5SDM3/10	0.55	0.75		56	55	53	51	48	45	41	35	28
3.5SDM3/14	0.75	1		76	75	74	71	67	63	57	50	41
3.5SDM3/18	1.1	1.5		99	98	96	93	88	82	74	64	53
3.5SDM3/23	1.5	2		125	124	123	119	113	105	95	82	66

DIMENSIONS & WEIGHTS

Model	DN	DIMENSION (mm)			WEIGHT (kg)		
		P	M	T	P	M	T
1~ 220V-240V							
3.5SDM3/5	1 1/4 " / 1/2 "	346	376	672	4.2	5.6	9.8
3.5SDM3/8	1 1/4 " / 1/2 "	434	391	775	4.8	6.3	11.1
3.5SDM3/10	1 1/4 " / 1/2 "	490	416	856	5.3	6.9	12.2
3.5SDM3/14	1 1/4 " / 1/2 "	638	446	1029	5.8	8.1	13.9
3.5SDM3/18	1 1/4 " / 1/2 "	755	501	1206	6.4	9.2	15.6
3.5SDM3/23	1 1/4 " / 1/2 "	936	551	1437	7.6	11.2	18.8



4SD



Application

For pumping clean water with sand content less than 150g/m³
 For well pumping, river pumping, farm irrigation, water supply, mining, draiaage in breeding industry.

Operating conditions

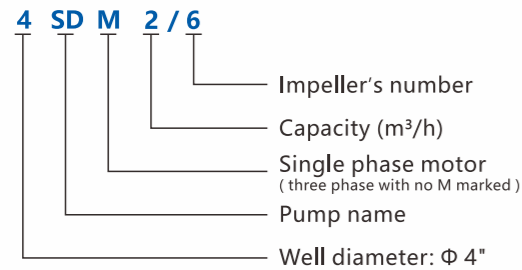
Water temperature up to 35°C
 Ambient temperature permissible up to 40°C
 4SDM Minimum internal diameter of well: 4"(100mm)
 Maximum sand content: 0.25%
 Maximum immersion depth: 80m

Motor

Rewindable motor
 Insulation **Class B**
 Protection **Ip68**
 NEMA dimension standards

Options on request

Special mechanical seal
 Single phase motor with built-in capacitor
 Single phase motor with control box
 The length of cable: 2 Meter
 Outlet dimension : 1/4", 1/2", 2"



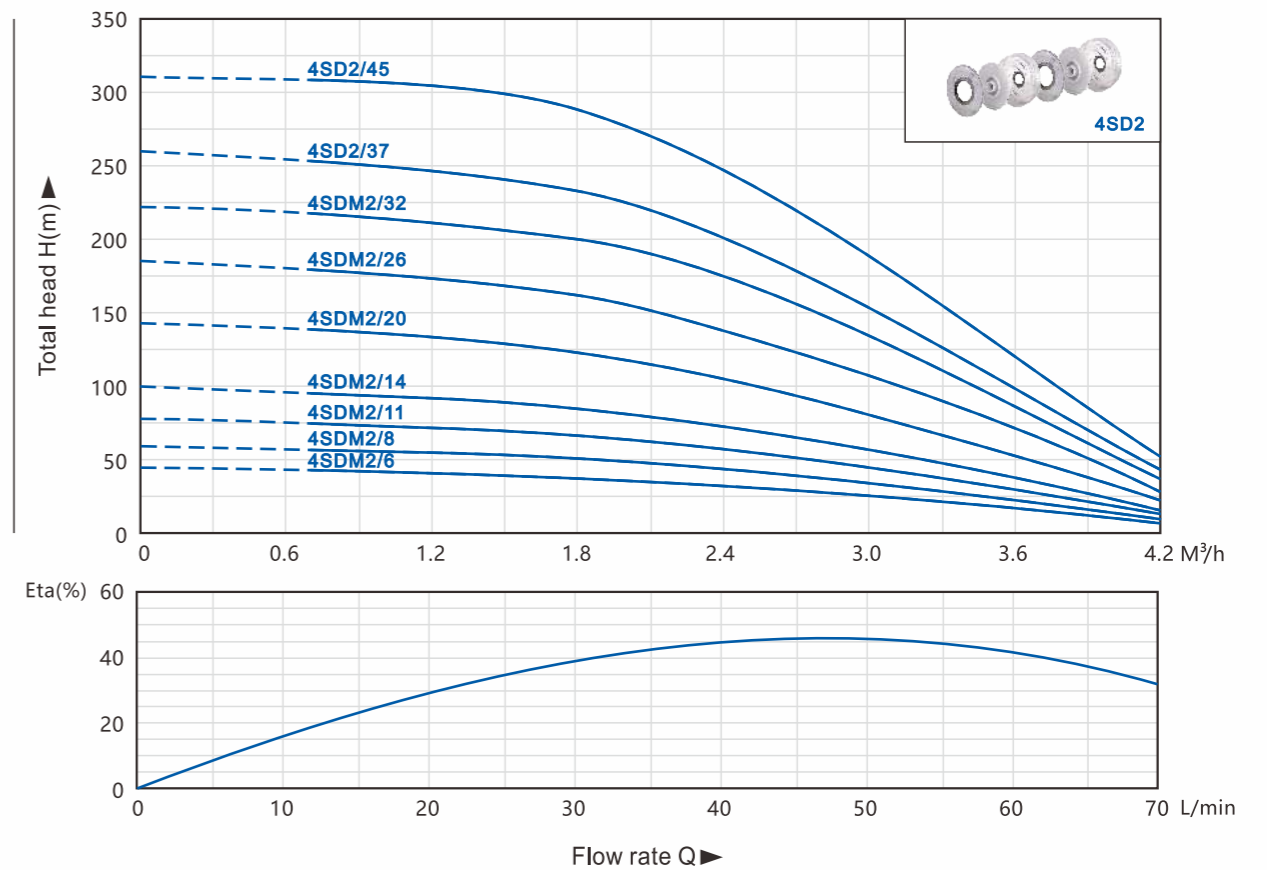
4SD

4SD



Components	Material
Pump body	Stainless steel
Motor bracket	Stainless steel
Motor shaft	AISI304 SS
Pump shaft	Stainless steel
Impeller	POM
Diffuser	PC
Bearing	C&U, NSK if request
Mechanical seal	Ceramic /Graphite, SIC/Graphite or Alloy Graphite if request
Coupling and outlet	Brass, Stainless steel or Cast iron if request
Shaft coupling	AISI304 SS
Bearing bush	AISI304 SS
Oil chamber	Cast iron, Cast-Cu if request

PERFORMANCE CHART AT N=2850RPM

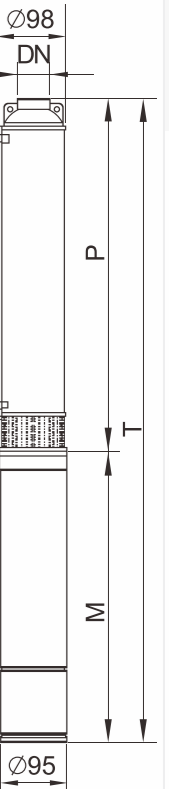


PERFORMANCE DATA 50Hz

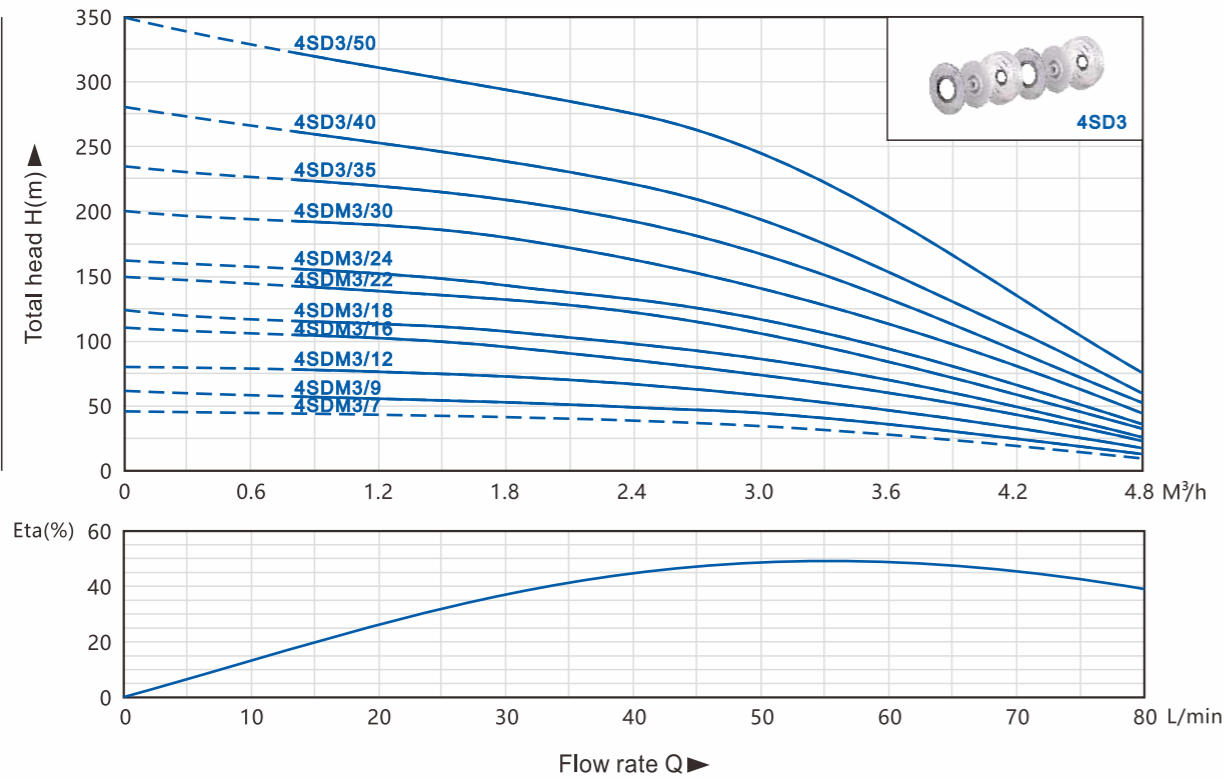
Model	Power		Capacity & Head										
	1~ 220V-240V	3~ 380V-415V	n=2850 r.p.m										
		kW	HP	Q(M³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	H(m)
4SDM2/6		0.25	0.33	Q(L/min)	0	10	20	30	40	50	60	70	
4SDM2/8		0.37	0.5		45	42	41	39	33	25	18	7	
4SDM2/11		0.55	0.75		60	57	55	52	43	33	23	10	
4SDM2/14	4SD2/14	0.75	1		78	75	72	69	58	45	30	13	
4SDM2/14	4SD2/14	0.75	1		100	96	92	88	74	57	39	16	
4SDM2/20	4SD2/20	1.1	1.5		142	138	133	126	106	82	54	23	
4SDM2/26	4SD2/26	1.5	2		185	180	173	163	138	105	70	28	
4SDM2/32	4SD2/32	2.2	3		225	220	214	200	169	130	89	38	
	4SD2/37	3.0	4		260	254	247	233	196	151	103	44	
	4SD2/45	4.0	5.5		315	308	300	283	238	184	125	52	

DIMENSIONS & WEIGHTS

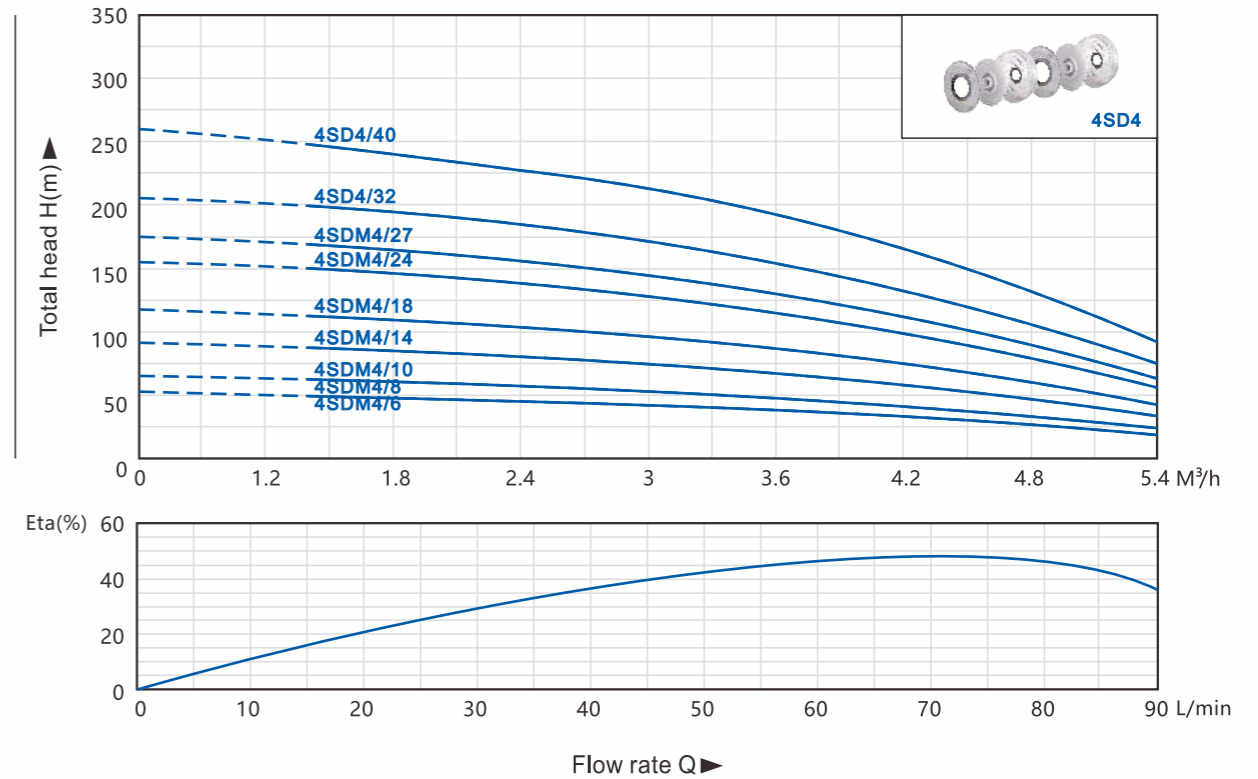
Model	DN	DIMENSION (mm)			WEIGHT (kg)		
		P	M	T	P	M	T
4SDM2/6	1/4" / 1/2"	370	348	668	3.3	6.6	9.9
4SDM2/8	1/4" / 1/2"	424	363	737	3.8	7.2	11
4SDM2/11	1/4" / 1/2"	505	378	833	4.6	8.0	12.6
4SDM2/14	4SD2/14	586	398	934	5.2	9.3	14.5
4SDM2/20	4SD2/20	779	438	1167	6.3	10.8	17.1
4SDM2/26	4SD2/26	941	515	1406	7.8	13.8	21.6
4SDM2/32	4SD2/32	1135	590	1675	9.4	17.4	26.8
	4SD2/37	1270	723	1943	10.7	21.9	32.6
	4SD2/45	1517	813	2280	12.9	25.6	38.5



PERFORMANCE CHART AT N=2850RPM

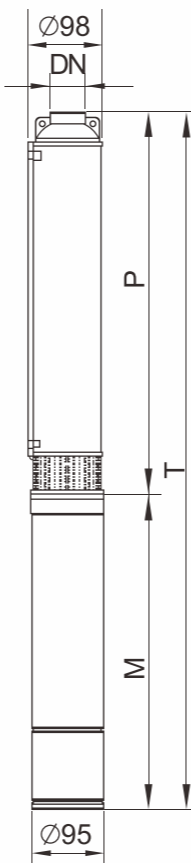


PERFORMANCE CHART AT N=2850RPM



PERFORMANCE DATA 50Hz

Model		Power		Capacity & Head n=2850 r.p.m									
1~ 220V-240V	3~ 380V-415V	kW	HP	H(m)									
				Q(M³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
4SDM3/7		0.37	0.5	0	10	20	30	40	50	60	70	80	
4SDM3/9		0.55	0.75	47	45	44	43	41	39	29	25	10	
4SDM3/12	4SD3/12	0.75	1	62	59	57	54	49	45	34	24	13	
4SDM3/16	4SD3/16	1.1	1.5	80	78	77	72	65	60	45	32	18	
4SDM3/18	4SD3/18	1.1	1.5	110	106	102	96	88	80	61	43	24	
4SDM3/22	4SD3/22	1.5	2	124	118	115	108	99	90	68	48	27	
4SDM3/24	4SD3/24	1.5	2	150	144	140	132	122	110	83	59	33	
4SDM3/30	4SD3/30	2.2	3	163	156	153	144	132	120	91	64	36	
	4SD3/35	3.0	4	200	195	192	180	165	150	114	81	45	
	4SD3/40	4.0	5.5	235	228	224	210	193	175	133	94	52	
	4SD3/50	5.5	7.5	280	265	256	240	220	200	152	108	60	
				350	330	320	300	275	250	190	135	75	

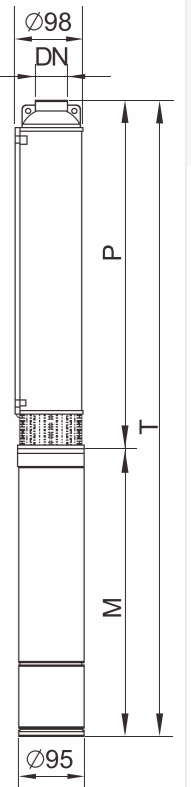


DIMENSIONS & WEIGHTS

Model		DN	DIMENSION (mm)			WEIGHT (kg)		
1~ 220V-240V	3~ 380V-415V		P	M	T	P	M	T
4SDM3/7		1/4" / 1/2"	388	363	703	3.5	7.2	10.7
4SDM3/9		1/4" / 1/2"	440	378	770	4.1	8	12.1
4SDM3/12	4SD3/12	1/4" / 1/2"	520	398	870	4.9	8.7	13.6
4SDM3/16	4SD3/16	1/4" / 1/2"	655	428	1035	5.6	10.4	16
4SDM3/18	4SD3/18	1/4" / 1/2"	707	438	1097	6.4	10.8	17.2
4SDM3/22	4SD3/22	1/4" / 1/2"	810	505	1268	7.5	13.4	20.9
4SDM3/24	4SD3/24	1/4" / 1/2"	863	515	1330	7.7	13.8	21.5
4SDM3/30	4SD3/30	1/4" / 1/2"	1052	605	1610	9.3	17.4	26.7
	4SD3/35	1/4" / 1/2"	1082	605	1689	10.6	19.3	29.9
	4SD3/40	1/4" / 1/2"	1344	723	1900	11.9	21.9	33.8
	4SD3/50	1/4" / 1/2"	1605	812	2280	14.5	25.6	40.1

PERFORMANCE DATA 50Hz

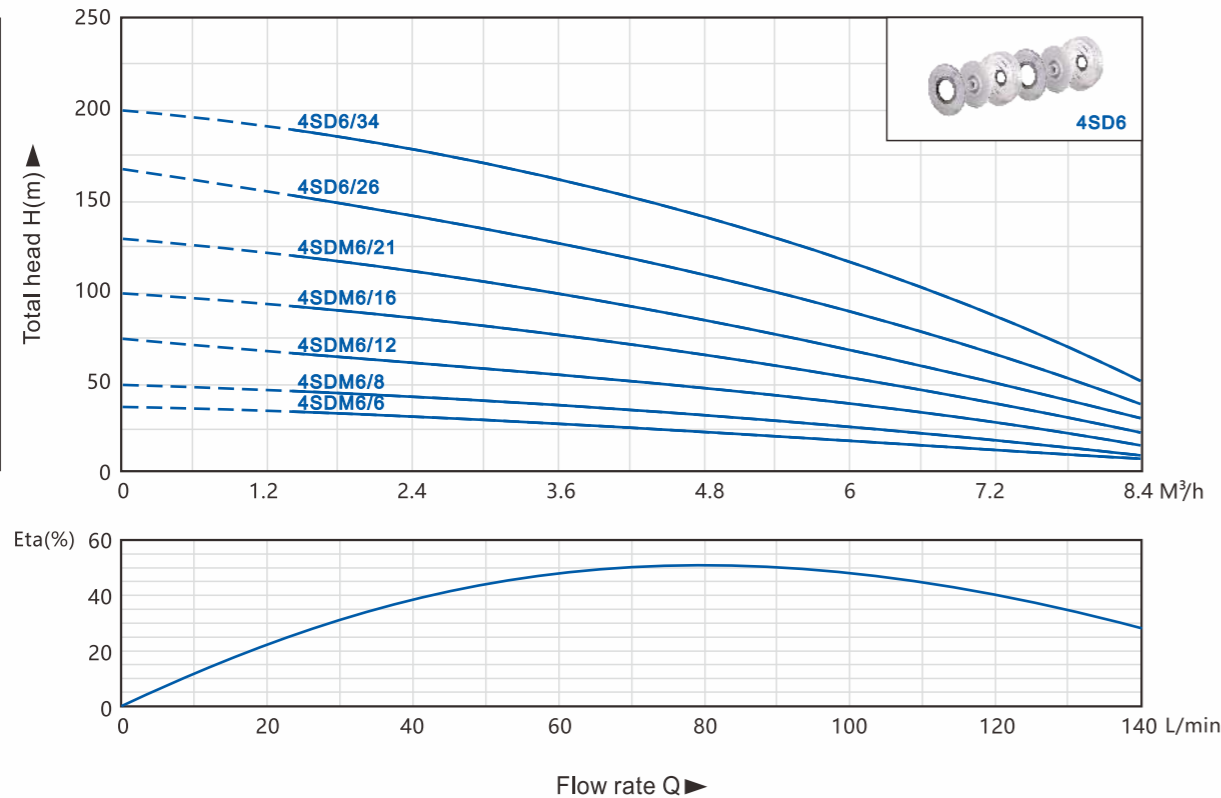
Model		Power		Capacity & Head n=2850 r.p.m									
1~ 220V-240V	3~ 380V-415V	kW	HP	H(m)									
				Q(M³/h)	0	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4
4SDM4/6		0.37	0.5	0	20	30	40	50	60	70	80	90	
4SDM4/8		0.55	0.75	39	38	36	35	33	30	26	21	14	
4SDM4/10	4SD4/10	0.75	1	52	50	48	46	44	40	34	28	19	
4SDM4/14	4SD4/14	1.1	1.5	65	63	60	57	54	49	42	34	23	
4SDM4/18	4SD4/18	1.5	2	91	89	84	80	76	69	59	48	33	
4SDM4/24	4SD4/24	2.2	3	117	114	108	103	98	89	76	62	42	
4SDM4/27	4SD4/27	2.2	3	155	152	144	137	130	118	101	82	56	
	4SD4/32	3.0	4	175	171	162	154	146	133	114	92	63	
				205	201	192	183	173	157	135	109	74	
	4SD4/40	4.0	5.5	260	252	240	228	216	196	168	136	92	



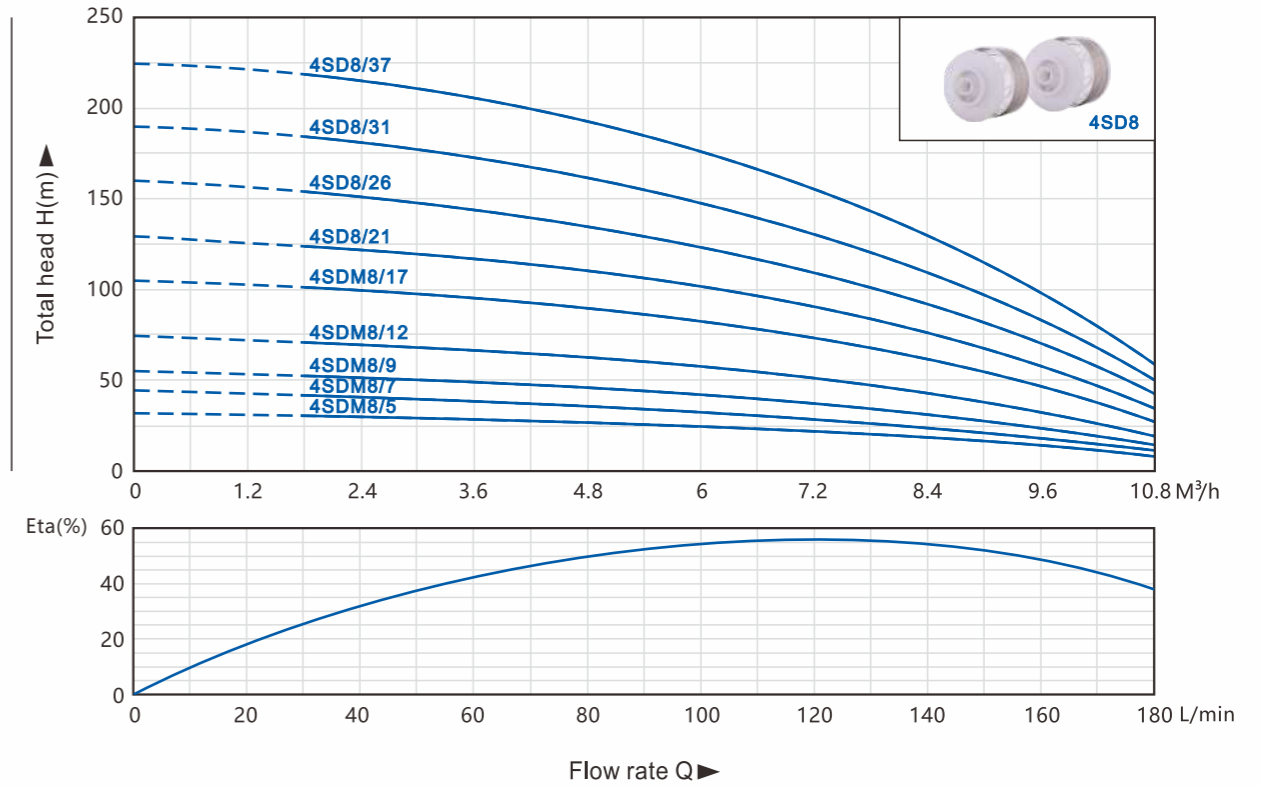
DIMENSIONS & WEIGHTS

Model		DN	DIMENSION (mm)			WEIGHT (kg)		
1~ 220V-240V	3~ 380V-415V		P	M	T	P	M	T
4SDM4/6		1/4" / 1/2" / 2"	381	363	695	3.3	7.2	10.5
4SDM4/8		1/4" / 1/2" / 2"	440	378	768	3.8	8	11.8
4SDM4/10	4SD4/10	1/4" / 1/2" / 2"	500	398	846	4.4	8.7	13.1
4SDM4/14	4SD4/14	1/4" / 1/2" / 2"	647	438	1035	5.4	10.8	16.2
4SDM4/18	4SD4/18	1/4" / 1/2" / 2"	763	515	1230	6.4	13.8	20.2
4SDM4/24	4SD4/24	1/4" / 1/2" / 2"	938	565	1452	8.2	16	24.2
4SDM4/27	4SD4/27	1/4" / 1/2" / 2"	1026	590	1565	8.9	17.4	26.3
	4SD4/32	1/4" / 1/2" / 2"	1203	605	1756	10.4	19.3	29.7
	4SD4/40	1/4" / 1/2" / 2"	1468	723	2140	12.6	21.9	34.5

PERFORMANCE CHART AT N=2850RPM

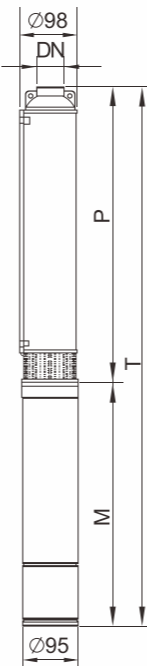


PERFORMANCE CHART AT N=2850RPM



PERFORMANCE DATA 50Hz

Model		Power		Capacity & Head n=2850 r.p.m								
1~ 220V-240V	3~ 380V-415V	kW	HP	Q(M³/h)	0	1.2	2.4	3.6	4.8	6	7.2	8.4
				Q(L/min)	0	20	40	60	80	100	120	140
4SDM6/6		0.55	0.75	H(m)	38	36	31	29	26	22	16	10
4SDM6/8	4SD6/8	0.75	1		50	48	41	39	35	28	21	12
4SDM6/12	4SD6/12	1.1	1.5		75	68	61	57	51	43	31	18
4SDM6/16	4SD6/16	1.5	2		100	92	82	77	69	58	42	25
4SDM6/21	4SD6/21	2.2	3		130	116	108	101	91	76	55	32
	4SD6/26	3.0	4		168	144	133	125	112	94	68	40
	4SD6/34	4.0	5.5		200	187	173	163	147	125	89	52

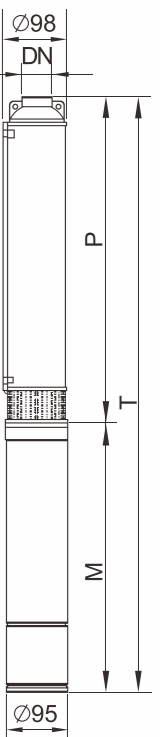


DIMENSIONS & WEIGHTS

Model		DN	DIMENSION (mm)			WEIGHT (kg)		
1~ 220V-240V	3~ 380V-415V		P	M	T	P	M	T
4SDM6/6		1¼ "/td> <td>390</td> <td>378</td> <td>720</td> <td>3.4</td> <td>8</td> <td>11.4</td>	390	378	720	3.4	8	11.4
4SDM6/8	4SD6/8	1¼ "	452	398	802	3.9	8.7	12.6
4SDM6/12	4SD6/12	1¼ "	575	438	965	5	10.8	15.8
4SDM6/16	4SD6/16	1¼ "	730	515	1197	6.4	13.8	20.2
4SDM6/21	4SD6/21	1¼ "	884	590	1426	7.8	17.4	25.2
	4SD6/26	1¼ "	1038	605	1595	9	19.3	28.3
	4SD6/34	1¼ "	1316	723	1990	11.5	21.9	33.4

PERFORMANCE DATA 50Hz

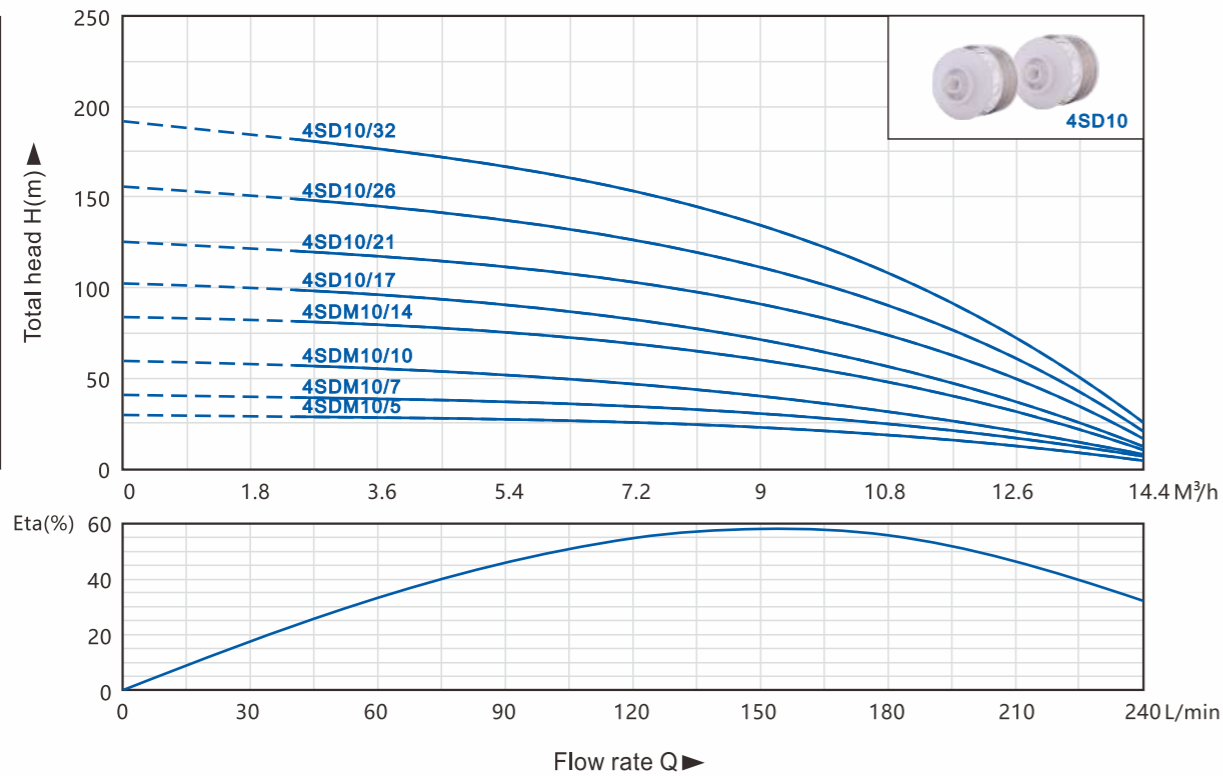
Model		Power		Capacity & Head n=2850 r.p.m										
1~ 220V-240V	3~ 380V-415V	kW	HP	Q(M³/h)	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8
				Q(L/min)	0	20	40	60	80	100	120	140	160	180
4SDM8/5		0.55	0.75	H(m)	31	30	29	28	26	24	20	18	14	8
4SDM8/7	4SD8/7	0.75	1		44	42	40	39	37	34	28	25	20	11
4SDM8/9	4SD8/9	1.1	1.5		55	54	52	50	48	43	36	32	25	14
4SDM8/12	4SD8/12	1.5	2		74	72	69	66	64	58	48	43	34	19
4SDM8/17	4SD8/17	2.2	3		105	102	97	94	91	82	68	61	48	27
	4SD8/21	3.0	4		129	126	120	116	112	101	84	76	59	34
	4SD8/26	4.0	5.5		160	156	149	143	138	125	104	93	73	42
	4SD8/31	5.5	7.5		190	186	178	171	165	149	124	112	87	50
	4SD8/37	7.5	10		225	222	212	204	196	178	148	133	103	59



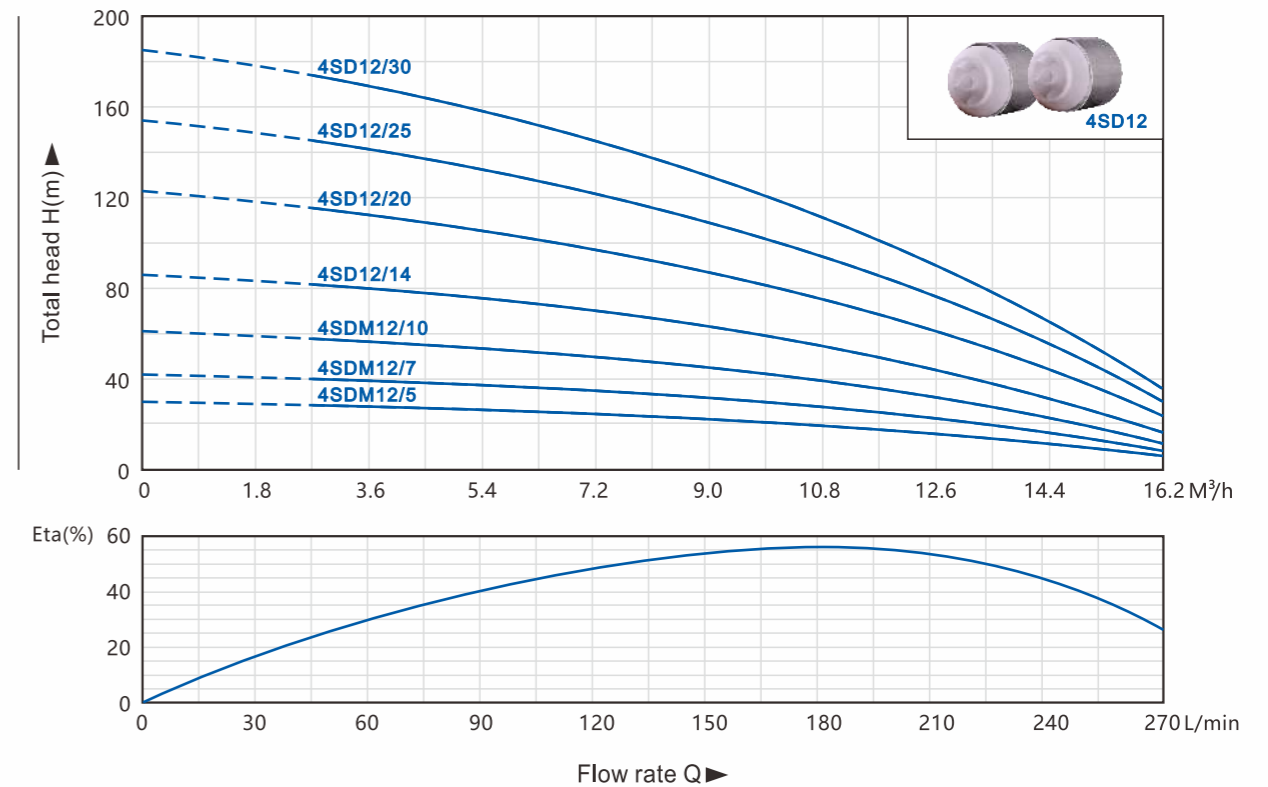
DIMENSIONS & WEIGHTS

Model		DN	DIMENSION (mm)			WEIGHT (kg)		
1~ 220V-240V	3~ 380V-415V		P	M	T	P	M	T
4SDM8/5		1½ "	398	378	725	3.3	8	11.3
4SDM8/7	4SD8/7	1½ "	473	398	823	3.7	8.7	12.4
4SDM8/9	4SD8/9	1½ "	550	438	940	4.3	10.8	15.1
4SDM8/12	4SD8/12	1½ "	695	515	1162	5.2	13.8	19
4SDM8/17	4SD8/17	1½ "	886	590	1428	6.8	17.4	24.2
	4SD8/21	1½ "	1040	605	1596	7.8	19.3	27.1
	4SD8/26	1½ "	1262	723	1937	9.4	21.9	31.3
	4SD8/31	1½ "	1453	813	2218	11.2	25.6	36.8
	4SD8/37	1½ "	1713	903	2568	12.8	28.3	41.1

PERFORMANCE CHART AT N=2850RPM

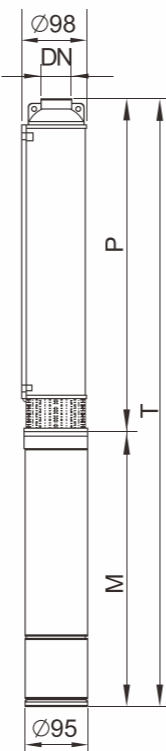


PERFORMANCE CHART AT N=2850RPM



PERFORMANCE DATA 50Hz

Model		Power		Capacity & Head n=2850 r.p.m									
1~ 220V-240V	3~ 380V-415V	kW	HP	Q(M³/h)	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4
				Q(L/min)	0	30	60	90	120	150	180	210	240
4SDM10/5	4SD10/5	0.75	1	H(m)	30	29	28	26	25	21	16	11	4
4SDM10/7	4SD10/7	1.1	1.5		42	41	40	37	35	29	23	15	6
4SDM10/10	4SD10/10	1.5	2		60	58	56	52	50	43	33	23	8
4SDM10/14	4SD10/14	2.2	3		84	82	79	73	70	61	46	32	11
	4SD10/17	3.0	4.0		102	99	96	89	85	74	56	39	13
	4SD10/21	4.0	5.5		126	122	118	110	105	91	70	49	17
	4SD10/26	5.5	7.5		156	151	146	136	130	112	86	60	21
	4SD10/32	7.5	10		192	186	180	167	160	138	106	74	26

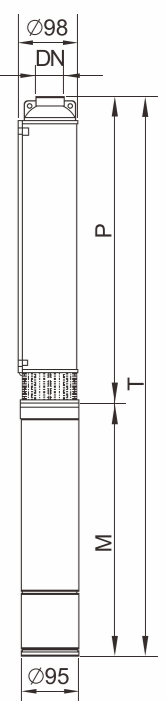


DIMENSIONS & WEIGHTS

Model		DN	DIMENSION (mm)			WEIGHT (kg)		
1~ 220V-240V	3~ 380V-415V		P	M	T	P	M	T
4SDM10/5	4SD10/5	1½" / 2"	398	398	747	3.3	8.7	12
4SDM10/7	4SD10/7	1½" / 2"	473	438	863	3.7	10.8	14.5
4SDM10/10	4SD10/10	1½" / 2"	588	515	1015	4.6	13.8	18.4
4SDM10/14	4SD10/14	1½" / 2"	672	590	1314	5.8	17.4	23.2
	4SD10/17	1½" / 2"	886	605	1443	6.7	19.3	26
	4SD10/21	1½" / 2"	1040	723	1714	7.9	21.9	29.8
	4SD10/26	1½" / 2"	1262	813	2027	9.4	25.6	35
	4SD10/32	1½" / 2"	1490	903	2346	10.9	28.3	39.2

PERFORMANCE DATA 50Hz

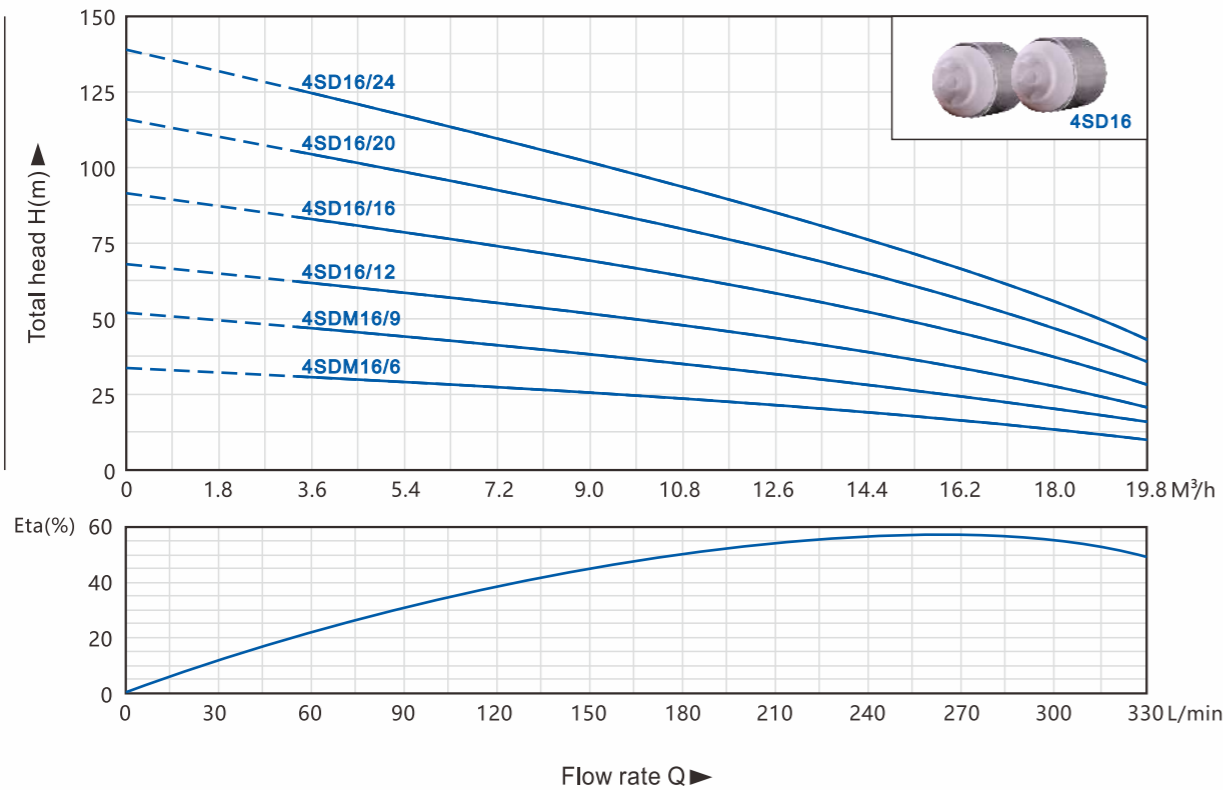
Model		Power		Capacity & Head n=2850 r.p.m											
1~ 220V-240V	3~ 380V-415V	kW	HP	Q(M³/h)	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2	
				Q(L/min)	0	30	60	90	120	150	180	210	240	270	
4SDM12/5	4SD12/5	1.1	1.5	H(m)	30	29	28	26	24	22	20	14	12	6	
4SDM12/7	4SD12/7	1.5	2		42	41	40	36	34	32	28	20	16	8	
4SDM12/10	4SD12/10	2.2	3		61	59	57	52	49	45	40	29	24	12	
	4SD12/14	3.0	4		86	83	80	73	68	63	55	46	34	17	
	4SD12/20	4.0	5.5		123	119	114	104	97	90	80	58	48	24	
	4SD12/25	5.5	7.5		154	148	143	130	121	112	100	72	60	30	
	4SD12/30	7.5	10		185	177	171	156	148	135	120	87	72	36	



DIMENSIONS & WEIGHTS

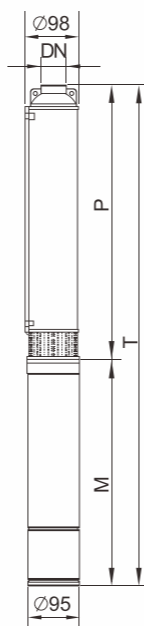
Model		DN	DIMENSION (mm)			WEIGHT (kg)		
1~ 220V-240V	3~ 380V-415V		P	M	T	P	M	T
4SDM12/5	4SD12/5	1¼" / ½" / 2"	546	438	934	3.7	10.8	14.5
4SDM12/7	4SD12/7	1¼" / ½" / 2"	682	515	1147	4.4	13.8	18.2
4SDM12/10	4SD12/10	1¼" / ½" / 2"	886	590	1427	5.5	17.4	22.9
	4SD12/14	1¼" / ½" / 2"	1158	605	1714	7.2	19.3	26.5
	4SD12/20	1¼" / ½" / 2"	1568	723	2241	9.6	21.9	31.5
	4SD12/25	1¼" / ½" / 2"	1909	813	2672	11.4	25.6	37
	4SD12/30	1¼" / ½" / 2"	2250	903	3103	13.6	28.3	41.9

PERFORMANCE CHART AT N=2850RPM



PERFORMANCE DATA 50Hz

Model		Power		Capacity & Head n=2850 r.p.m																					
1~ 220V-240V	3~ 380V-415V	kW	HP	Q(M³/h)		H(m)																			
				0	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2	18	19.8											
4SDM16/6	4SD16/6	1.5	2	0	60	90	120	150	180	210	240	270	300	330	34	31	28	26	25	24	22	20	18	15	10
4SDM16/9	4SD16/9	2.2	3	0	60	90	120	150	180	210	240	270	300	330	52	47	43	40	37	35	33	30	27	22	16
	4SD16/12	3.0	4	0	60	90	120	150	180	210	240	270	300	330	68	62	57	54	50	47	44	40	36	30	21
	4SD16/16	4.0	5.5	0	60	90	120	150	180	210	240	270	300	330	92	83	76	72	67	63	59	54	48	40	28
	4SD16/20	5.5	7.5	0	60	90	120	150	180	210	240	270	300	330	116	104	96	90	84	80	73	68	60	50	36
	4SD16/24	7.5	10	0	60	90	120	150	180	210	240	270	300	330	139	125	115	108	100	95	87	81	72	60	43



DIMENSIONS & WEIGHTS

Model		DN	DIMENSION (mm)			WEIGHT (kg)		
1~ 220V-240V	3~ 380V-415V		P	M	T	P	M	T
4SDM16/6	4SD16/6	1¼" / ½" / 2"	644	515	1109	4.4	13.8	18.2
4SDM16/9	4SD16/9	1¼" / ½" / 2"	849	590	1390	5.7	17.4	23.1
	4SD16/12	1¼" / ½" / 2"	1053	605	1609	7.1	19.3	26.4
	4SD16/16	1¼" / ½" / 2"	1326	723	2000	8.9	21.9	30.8
	4SD16/20	1¼" / ½" / 2"	1600	813	2362	10.5	25.6	36.1
	4SD16/24	1¼" / ½" / 2"	1882	903	2725	12.3	28.3	40.6



THE FOUNDATION
OF LIFE

3SP

Application

For pumping clean water with sand content less than 150g/m³
 For well pumping, river pumping, farm irrigation, water supply, mining, draiaage in breeding industry.

Operating conditions

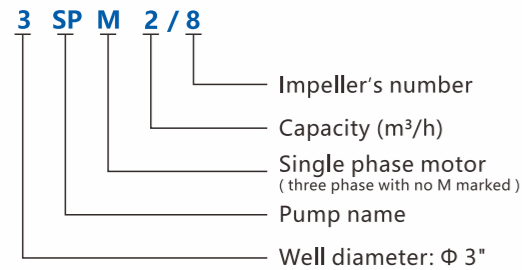
Water temperature up to **35°C**
 Ambient temperature permissible up to **40°C**
 3SPM Minimum internal diameter of well: **3"**(75mm)
 Maximum sand content: **0.25%**
 Maximum immersion depth: **80m**

Motor

Rewindable motor
 Insulation **Class B**
 Protection **Ip68**
 NEMA dimension standards

Options on request

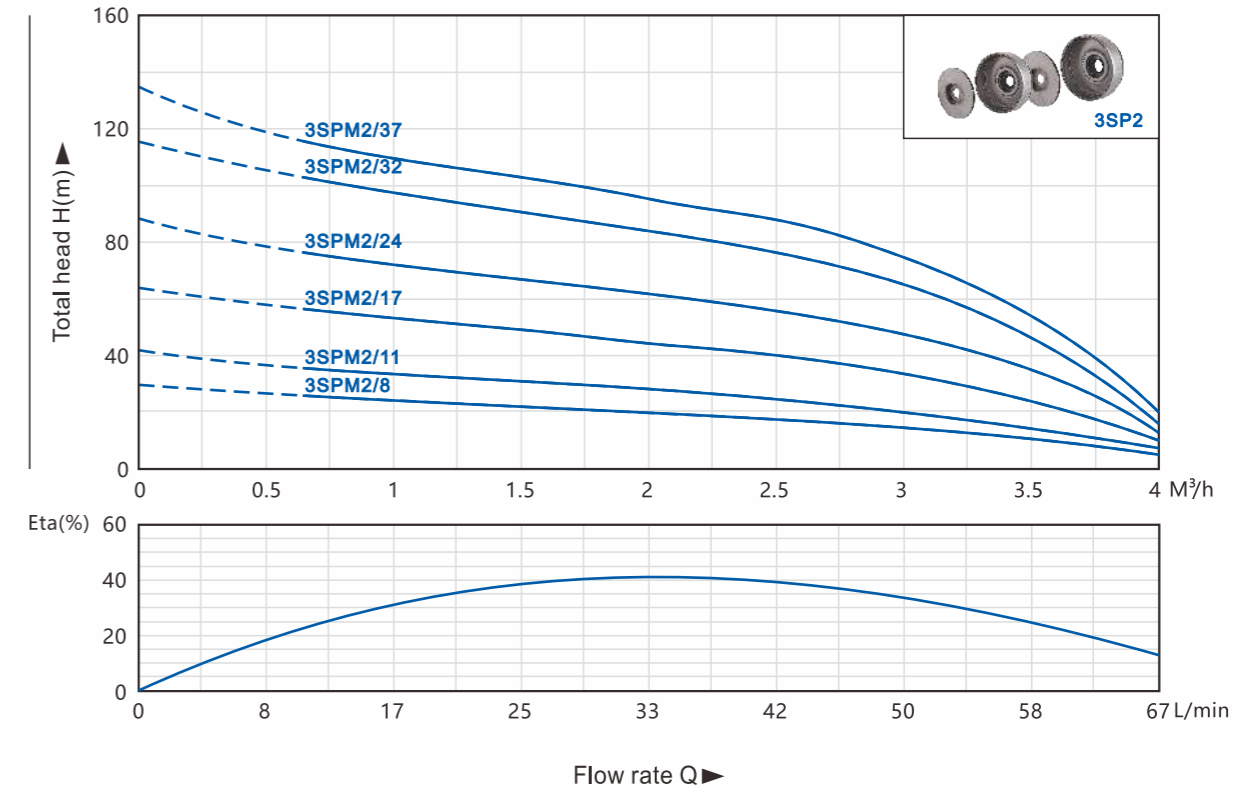
Special mechanical seal
 Single phase motor with built-in capacitor
 Single phase motor with control box
 The length of cable: 2 Meter
 Outlet dimension : 1 1/4"



Components	Material
Pump body	AISI304 SS
Motor bracket	Stainless steel
Motor shaft	AISI304 SS
Pump shaft	AISI304 SS
Impeller	AISI304 SS
Diffuser	AISI304 SS
Bearing	C&U, NSK if request
Mechanical seal	Ceramic /Graphite, SIC/Graphite or Alloy Graphite if request
Coupling and outlet	Brass, Stainless steel or Cast iron if request
Shaft coupling	AISI304 SS
Bearing bush	AISI304 SS
Oil chamber	Cast iron, Cast-Cu if request



PERFORMANCE CHART AT N=2850RPM

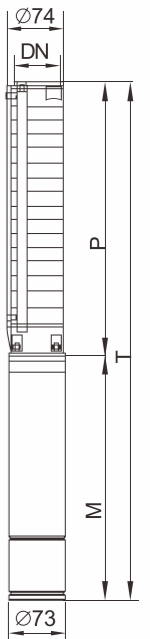


PERFORMANCE DATA 50Hz

Model	Power		Capacity & Head n=2850 r.p.m									
	kW	HP	Q(M³/h)	0	0.5	1	1.5	2	2.5	3	3.5	4
1~ 220V-240V			Q(L/min)	0	8	17	25	33	42	50	58	67
3SPM2/8	0.25	0.33	H(m)	30	26	24	22	21	19	16	10	6
3SPM2/11	0.37	0.5		41	35	33	31	29	26	22	16	8
3SPM2/17	0.55	0.75		63	56	51	48	44	41	34	21	10
3SPM2/24	0.75	1		89	79	72	67	62	58	48	32	12
3SPM2/32	1.1	1.5		118	105	96	90	83	77	64	48	14
3SPM2/37	1.5	2		137	118	111	103	96	89	74	56	16

DIMENSIONS & WEIGHTS

Model	DN	DIMENSION (mm)			WEIGHT (kg)		
		P	M	T	P	M	T
1~ 220V-240V							
3SPM2/8	1 1/4"	290	390	632	1.6	4.9	6.5
3SPM2/11	1 1/4"	350	430	732	2	5.5	7.5
3SPM2/17	1 1/4"	470	430	852	2.8	6.5	9.3
3SPM2/24	1 1/4"	610	470	1032	3.8	7.5	11.3
3SPM2/32	1 1/4"	770	555	1277	4.9	9.5	14.4
3SPM2/37	1 1/4"	870	605	1427	5.8	10.8	16.6



4SP

Application

For pumping clean water with sand content less than 150g/m³
 For well pumping, river pumping, farm irrigation, water supply,
 mining, draiaage in breeding industry.

Operating conditions

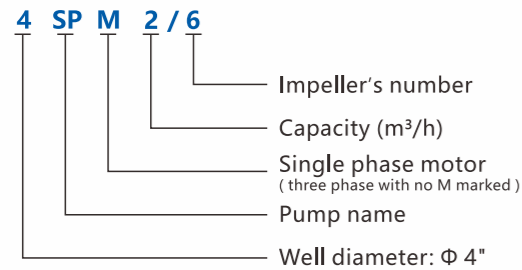
Water temperature up to 35°C
 Ambient temperature permissible up to 40°C
 4SPM Minimum internal diameter of well: 4"(100mm)
 Maximum sand content: 0.25%
 Maximum immersion depth: 80m

Motor

Rewindable motor
 Insulation **Class B**
 Protection **Ip68**
 NEMA dimension standards

Options on request

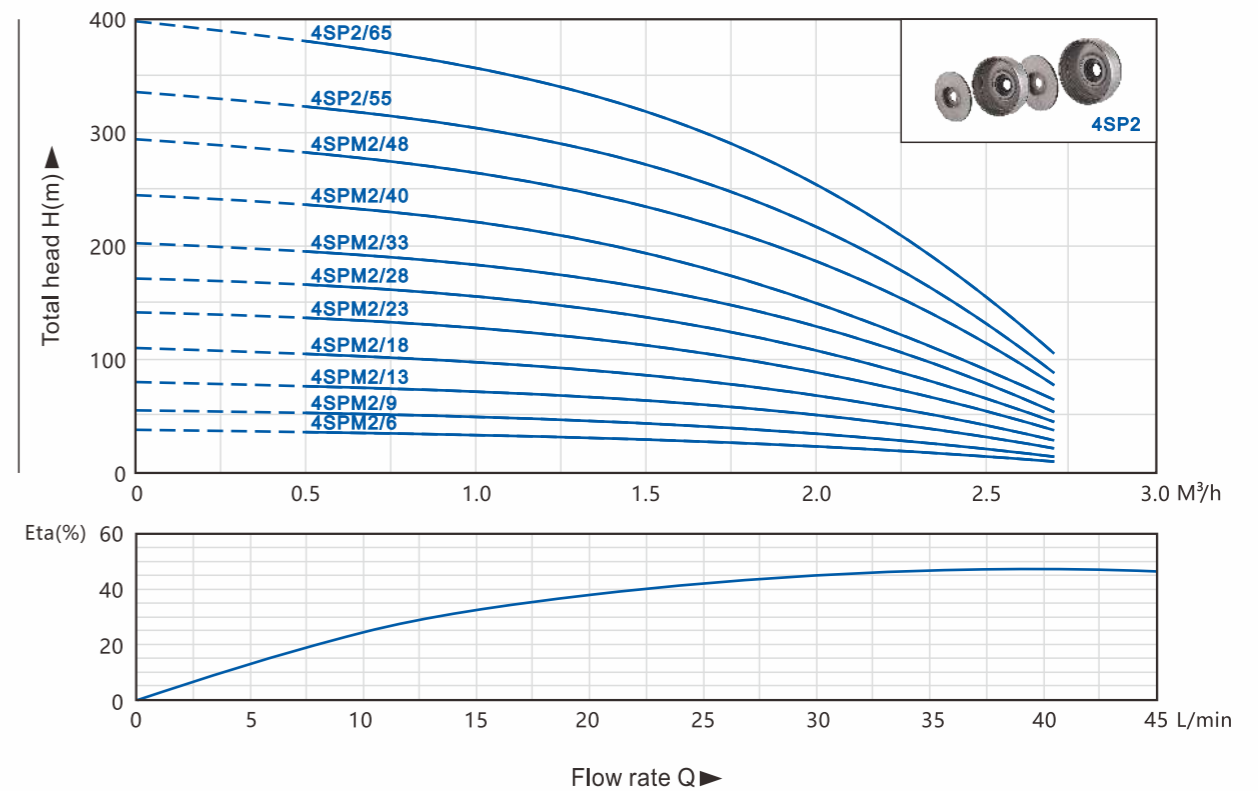
Special mechanical seal
 Single phase motor with built-in capacitor
 Single phase motor with control box
 The length of cable: 2 Meter
 Outlet dimension : 1¼", 1½", 2"



Components	Material
Pump body	AISI304 SS
Motor bracket	Stainless steel
Motor shaft	AISI304 SS
Pump shaft	AISI304 SS
Impeller	AISI304 SS
Diffuser	AISI304 SS
Bearing	C&U, NSK if request
Mechanical seal	Ceramic /Graphite, SIC/Graphite or Alloy Graphite if request
Coupling and outlet	Brass, Stainless steel or Cast iron if request
Shaft coupling	AISI304 SS
Bearing bush	AISI304 SS
Oil chamber	Cast iron, Cast-Cu if request



PERFORMANCE CHART AT N=2850RPM

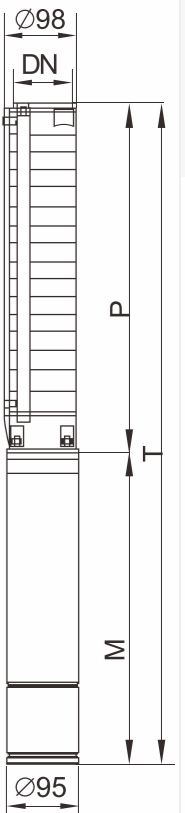


PERFORMANCE DATA 50Hz

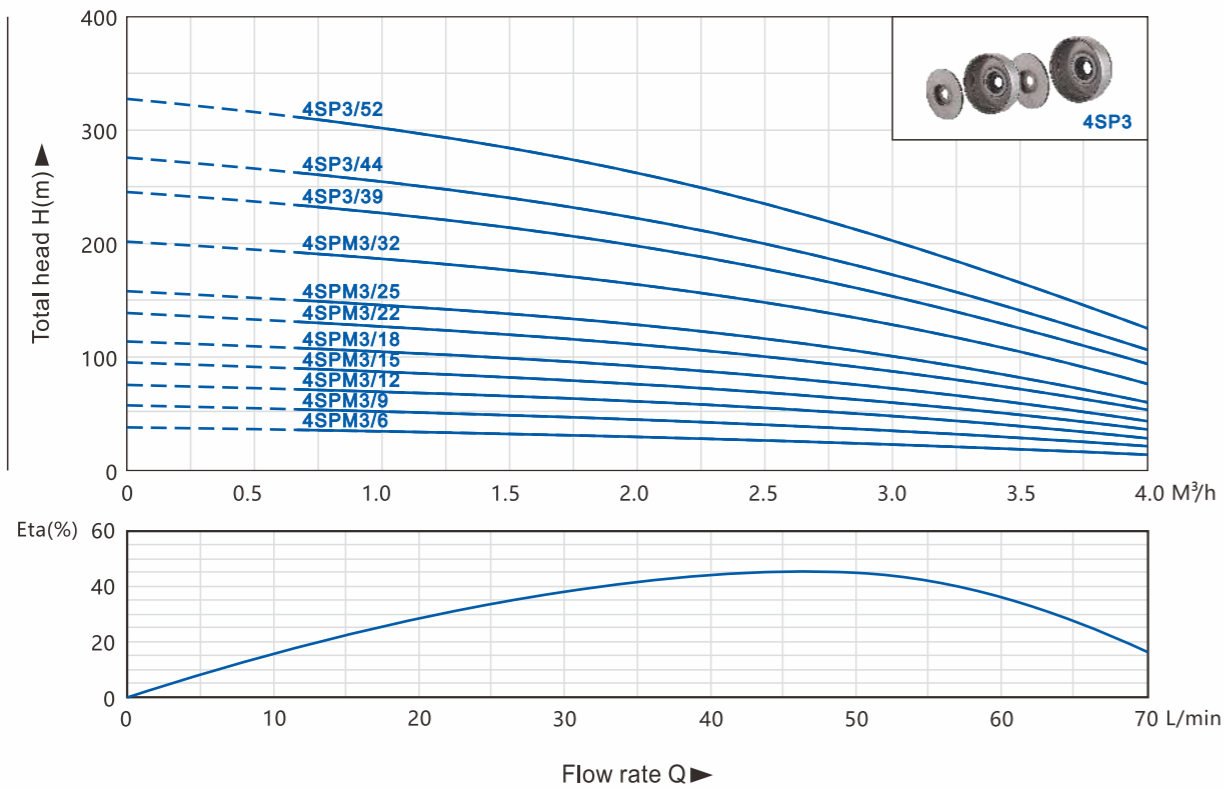
Model		Power		Capacity & Head n=2850 r.p.m						
1~ 220V-240V	3~ 380V-415V	kW	HP	Q(M³/h)	0	0.9	1.5	2	2.4	2.7
				Q(L/min)	0	15	25	33	40	45
4SPM2/6		0.37	0.5	H(m)	37	34	30	23	17	10
4SPM2/9		0.37	0.5		55	51	45	35	25	14
4SPM2/13		0.55	0.75		80	73	64	51	36	21
4SPM2/18		0.75	1		110	101	89	72	50	29
4SPM2/23	4SP2/23	1.1	1.5		141	129	114	91	64	37
4SPM2/28	4SP2/28	1.5	2		171	157	139	110	78	45
4SPM2/33	4SP2/33	1.5	2		202	186	163	131	92	53
4SPM2/40	4SP2/40	2.2	3		245	225	198	150	112	65
4SPM2/48	4SP2/48	2.2	3		294	270	237	185	134	78
	4SP2/55	3	4		336	309	272	218	154	89
	4SP2/65	4	5.5		398	365	321	255	182	105

DIMENSIONS & WEIGHTS

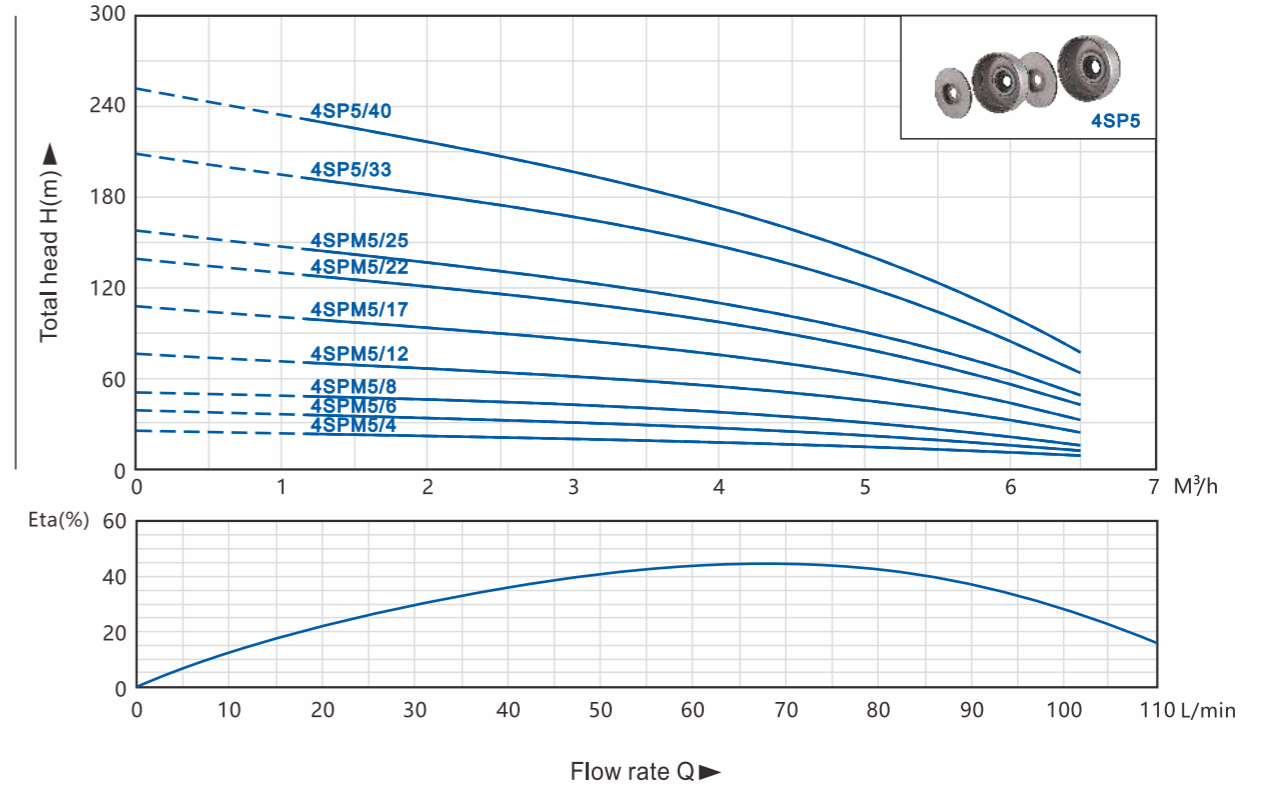
Model		DN	DIMENSION (mm)			WEIGHT (kg)		
1~ 220V-240V	3~ 380V-415V		P	M	T	P	M	T
4SPM2/6		1¼ "/ ½ "	281	348	579	2.6	6.7	9.3
4SPM2/9		1¼ "/ ½ "	344	363	657	3.2	7.2	10.4
4SPM2/13		1¼ "/ ½ "	428	378	756	4.1	8	12.1
4SPM2/18		1¼ "/ ½ "	533	398	881	5.2	8.7	13.9
4SPM2/23	4SP2/23	1¼ "/ ½ "	628	438	1016	6.1	10.8	16.9
4SPM2/28	4SP2/28	1¼ "/ ½ "	743	505	1198	7.2	13.4	20.6
4SPM2/33	4SP2/33	1¼ "/ ½ "	848	515	1313	8.2	13.8	22
4SPM2/40	4SP2/40	1¼ "/ ½ "	995	565	1510	9.8	16.5	26.3
4SPM2/48	4SP2/48	1¼ "/ ½ "	1163	590	1703	11.6	17.4	29
	4SP2/55	1¼ "/ ½ "	1310	605	1865	13.1	19.3	32.4
	4SP2/65	1¼ "/ ½ "	1520	723	2193	15.3	21.9	37.2



PERFORMANCE CHART AT N=2850RPM

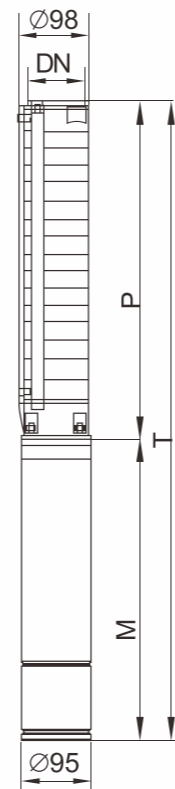


PERFORMANCE CHART AT N=2850RPM



PERFORMANCE DATA 50Hz

Model		Power		Capacity & Head n=2850 r.p.m						
1~ 220V-240V	3~ 380V-415V	kW	HP	Q(M³/h)	0	1.2	2	3	3.5	4
				Q(L/min)	0	20	33	50	60	67
4SPM3/6		0.37	0.5	H(m)	38	34	31	25	19	14
4SPM3/9		0.55	0.75		57	51	46	37	29	22
4SPM3/12		0.75	1		76	69	61	49	38	29
4SPM3/15	4SP3/15	1.1	1.5		95	86	77	62	48	36
4SPM3/18	4SP3/18	1.1	1.5		113	103	92	74	57	43
4SPM3/22	4SP3/22	1.5	2		139	126	112	90	70	53
4SPM3/25	4SP3/25	1.5	2		158	143	128	103	80	60
4SPM3/32	4SP3/32	2.2	3		202	183	163	132	102	77
	4SP3/39	3	4		246	223	199	160	124	94
	4SP3/44	3	4		277	251	224	181	140	106
	4SP3/52	4	5.5		328	297	265	214	165	125

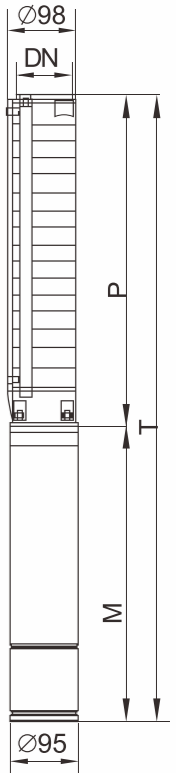


DIMENSIONS & WEIGHTS

Model		DN	DIMENSION (mm)			WEIGHT (kg)		
1~ 220V-240V	3~ 380V-415V		P	M	T	P	M	T
4SPM3/6		1/4" / 1/2"	281	363	594	2.6	7.2	9.8
4SPM3/9		1/4" / 1/2"	344	378	672	3.2	8	11.2
4SPM3/12		1/4" / 1/2"	407	398	755	3.9	8.7	12.6
4SPM3/15	4SP3/15	1/4" / 1/2"	470	428	848	4.6	10.3	14.9
4SPM3/18	4SP3/18	1/4" / 1/2"	533	438	921	5.2	10.8	16
4SPM3/22	4SP3/22	1/4" / 1/2"	617	505	1072	6.1	13.4	19.5
4SPM3/25	4SP3/25	1/4" / 1/2"	680	515	1145	6.7	13.8	20.5
4SPM3/32	4SP3/32	1/4" / 1/2"	827	590	1367	8.1	17.4	25.5
	4SP3/39	1/4" / 1/2"	974	605	1529	9.8	19.3	29.1
	4SP3/44	1/4" / 1/2"	1079	605	1634	10.8	19.3	30.1
	4SP3/52	1/4" / 1/2"	1247	723	1920	12.5	21.9	34.4

PERFORMANCE DATA 50Hz

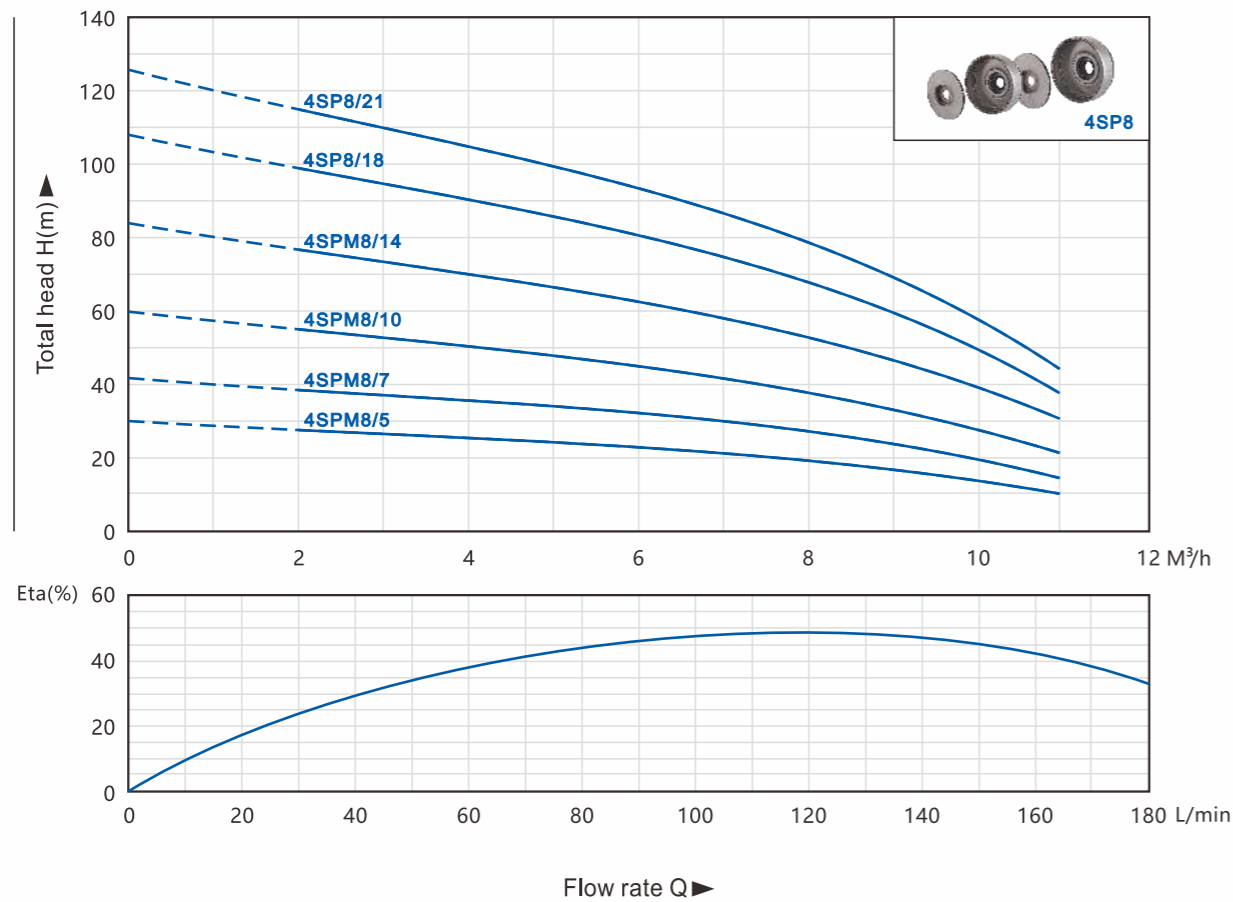
Model		Power		Capacity & Head n=2850 r.p.m						
1~ 220V-240V	3~ 380V-415V	kW	HP	Q(M³/h)	0	3	4	5	6	6.5
				Q(L/min)	0	50	67	83	100	108
4SPM5/4		0.37	0.5	H(m)	25	20	18	15	10	8
4SPM5/6		0.55	0.75		38	30	27	22	15	11
4SPM5/8		0.75	1		50	40	36	30	20	15
4SPM5/12	4SP5/12	1.1	1.5		76	59	54	45	30	23
4SPM5/17	4SP5/17	1.5	2		107	84	76	64	43	32
4SPM5/22	4SP5/22	2.2	3		139	109	99	82	56	41
4SPM5/25	4SP5/25	2.2	3		158	124	112	94	64	47
	4SP5/33	3	4		208	163	148	123	84	62
	4SP5/40	4	5.5		252	198	179	150	102	75



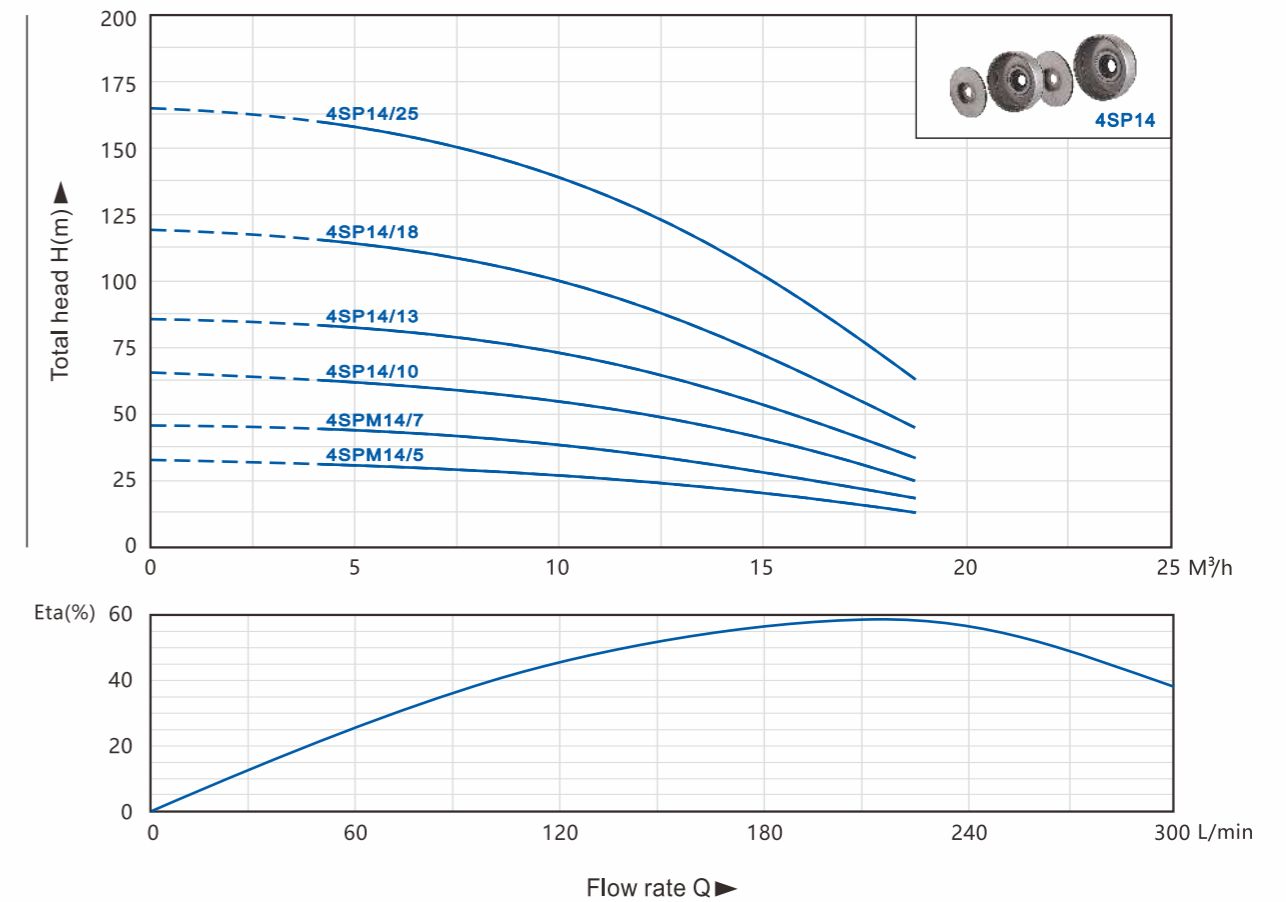
DIMENSIONS & WEIGHTS

Model		DN	DIMENSION (mm)			WEIGHT (kg)		
1~ 220V-240V	3~ 380V-415V		P	M	T	P	M	T
4SPM5/4		1/4" / 1/2"	252	363	565	2.3	7.2	9.5
4SPM5/6		1/4" / 1/2"	300	378	628	2.7	8	10.7
4SPM5/8		1/4" / 1/2"	348	398	696	3.2	8.7	11.9
4SPM5/12	4SP5/12	1/4" / 1/2"	444	438	832	4.2	10.8	15
4SPM5/17	4SP5/17	1/4" / 1/2"	563	515	1028	5.3	13.8	19.1
4SPM5/22	4SP5/22	1/4" / 1/2"	683	565	1198	6.5	16.5	23
4SPM5/25	4SP5/25	1/4" / 1/2"	755	590	1295	7.1	17.4	24.5
	4SP5/33	1/4" / 1/2"	947	605	1502	8.9	19.3	28.2
	4SP5/40	1/4" / 1/2"	1115	723	1788	10.6	21.9	32.5

PERFORMANCE CHART AT N=2850RPM



PERFORMANCE CHART AT N=2850RPM

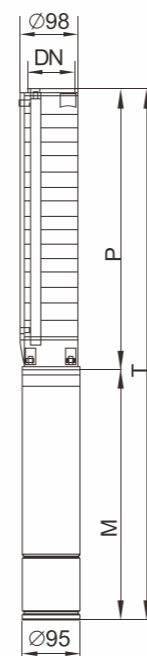


PERFORMANCE DATA 50Hz

Model		Power		Capacity & Head n=2850 r.p.m						
1~ 220V-240V	3~ 380V-415V	kW	HP	Q(M³/h)		H(m)				
				0	3	5	8	10	11	
4SPM8/5		0.75	1	0	50	83	133	167	183	
	4SP8/7	1.1	1.5	30	26	24	19	14	10	
	4SP8/10	1.5	2	42	36	33	27	20	14	
	4SP8/14	2.2	3	60	52	47	38	28	21	
	4SP8/18	3	4	84	72	66	54	40	29	
	4SP8/21	4	5.5	108	93	85	69	51	37	
				126	108	100	80	59	43	

DIMENSIONS & WEIGHTS

Model		DN	DIMENSION (mm)			WEIGHT (kg)		
1~ 220V-240V	3~ 380V-415V		P	M	T	P	M	T
4SPM8/5		1½" / 2"	415	398	763	4.5	8.7	13.2
4SPM8/7	4SP8/7	1½" / 2"	499	438	887	5.1	10.8	15.9
4SPM8/10	4SP8/10	1½" / 2"	625	515	1090	6.1	13.8	19.9
4SPM8/14	4SP8/14	1½" / 2"	793	590	1333	7.5	17.4	24.9
	4SP8/18	1½" / 2"	961	605	1516	8.8	19.3	28.1
	4SP8/21	1½" / 2"	1087	723	1760	9.8	21.9	31.7

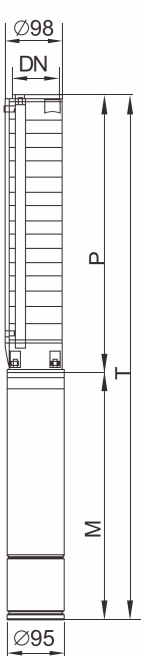


PERFORMANCE DATA 50Hz

Model		Power		Capacity & Head n=2850 r.p.m						
1~ 220V-240V	3~ 380V-50Hz	kW	HP	Q(M³/h)		H(m)				
				0	5	10	14	16	18.8	
4SPM14/5	4SP14/5	1.5	2	0	83	168	233	267	313	
	4SP14/7	2.2	3	33	32	28	23	19	13	
	4SP14/10	3	4	46	45	39	32	26	18	
	4SP14/13	4	5.5	66	62	56	46	38	25	
	4SP14/18	5.5	7.5	86	83	73	60	49	33	
	4SP14/25	7.5	10	119	115	101	83	66	45	
				165	160	140	115	94	63	

DIMENSIONS & WEIGHTS

Model		DN	DIMENSION (mm)			WEIGHT (kg)		
1~ 220V-240V	3~ 380V-415V		P	M	T	P	M	T
4SPM14/5	4SP14/5	2"	628	515	1093	4.5	13.8	18.3
4SPM14/7	4SP14/7	2"	838	590	1378	5.1	17.4	22.5
	4SP14/10	2"	1006	605	1561	6.1	19.3	25.4
	4SP14/13	2"	1258	723	1931	7.1	21.9	29
	4SP14/18	2"	1678	813	2441	8.6	25.6	34.2
	4SP14/25	2"	2266	903	3119	10.8	28.3	39.1



2SDM & 2.5SDM

Application

For pumping clean water with sand content less than 150g/m³
For well pumping, river pumping, farm irrigation, water supply.

Operating conditions

Water temperature up to 35°C
Ambient temperature permissible up to 40°C
2SDM Minimum internal diameter of well: 2" (50mm)
2.5SDM Minimum internal diameter of well: 2.5" (65mm)
Maximum immersion depth: 80m

Motor

Rewindable motor
Insulation **Class B**
Protection **IP68**
NEMA dimension standards

Options on request

Special mechanical seal
Single phase motor with built-in capacitor
Single phase motor with control box
The length of cable: 2 Meter
Outlet dimension : 1/2", 3/4", 1"

2 SD M 0.7/25

- Impeller's number
- Capacity (m³/h)
- Single phase motor
(three phase with no M marked)
- Pump name
- Well diameter: Φ 2"

Components	Material
Pump body	Stainless steel
Motor bracket	Stainless steel
Motor shaft	AISI304 SS
Pump shaft	Stainless steel
Impeller	POM
Diffuser	PC
Bearing	C&U, NSK if request
Mechanical seal	Ceramic /Graphite, SIC/Graphite or Alloy Graphite if request
Coupling and outlet	Brass, Stainless steel or Cast iron if request
Shaft coupling	AISI304 SS
Bearing bush	AISI304 SS
Oil chamber	Cast iron, Cast-Cu if request

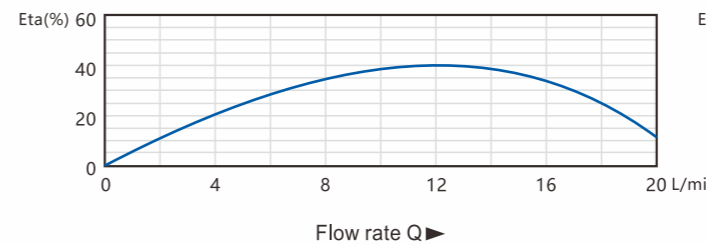
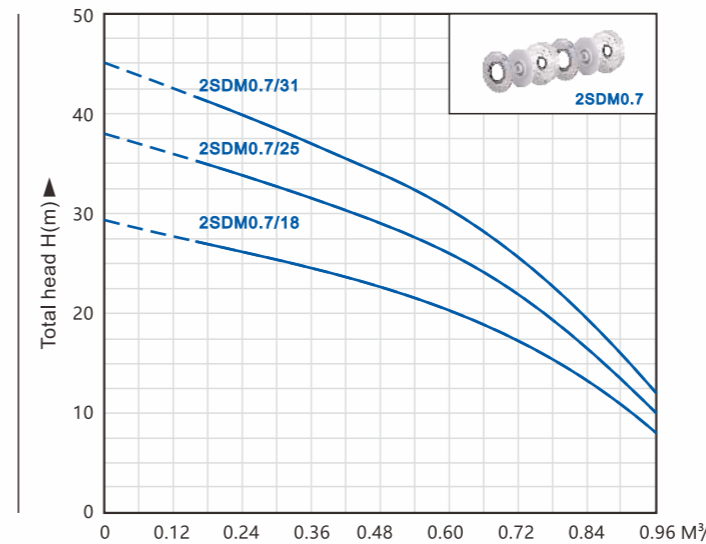


2SDM0.7

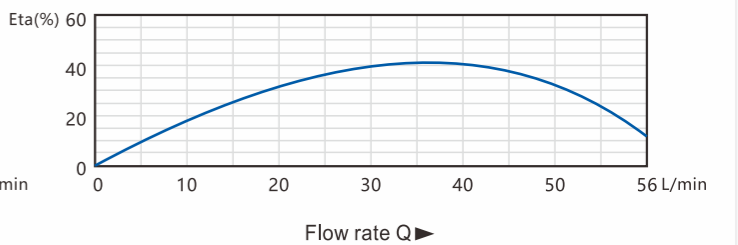
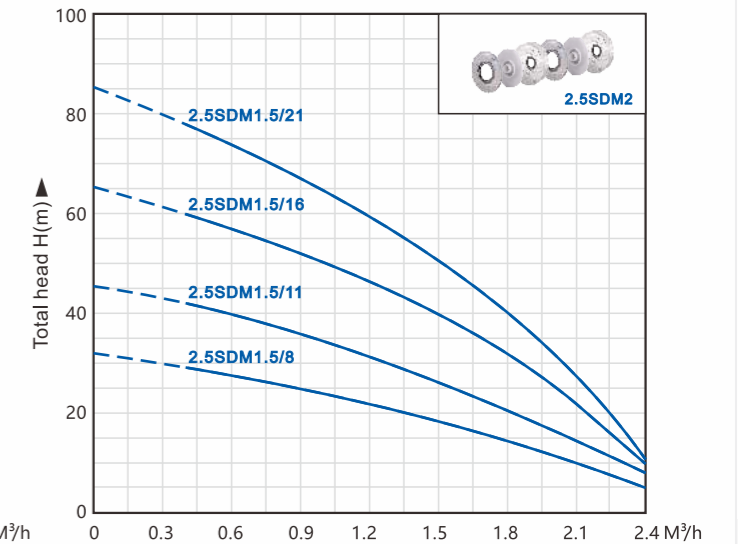
2.5SDM1.5



PERFORMANCE CHART AT N=3450RPM



PERFORMANCE CHART AT N=3450RPM



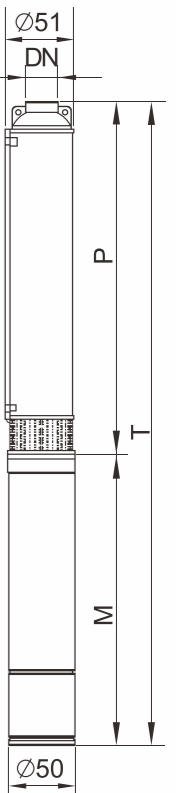
PERFORMANCE DATA 60Hz

Model	Power		Capacity & Head n=3450r.p.m						
	kW	HP	Q(M³/h)	0	0.24	0.48	0.72	0.96	1.2
1~ 110V-127V / 220V-240V			Q(L/min)	0	4	8	12	16	20
2SDM0.7/18	0.18	0.25	H(m)	27	24	21	17	11	2
2SDM0.7/25	0.25	0.33		38	33	29	23	15	3
2SDM0.7/31	0.37	0.5		46	42	36	28	18	4

Model	Power		Capacity & Head n=3450r.p.m							
	kW	HP	Q(M³/h)	0	0.6	1.2	1.8	2.4	3.0	3.4
1~ 110V-127V / 220V-240V			Q(L/min)	0	10	20	30	40	50	56
2.5SDM2/8	0.25	0.33	H(m)	31	28	24	20	14	7	2
2.5SDM2/11	0.37	0.5		42	38	33	27	20	10	3
2.5SDM2/16	0.55	0.75		62	55	48	39	28	14	4
2.5SDM2/21	0.75	1.0		81	73	63	51	37	18	5

DIMENSIONS & WEIGHTS

Model	DN	DIMENSION (mm)			WEIGHT (kg)		
		P	M	T	P	M	T
1~ 110V-127V / 220V-240V							
2SDM0.7/18	1/2" / 3/4"	644	530	1100	1.8	4.3	6.1
2SDM0.7/25	1/2" / 3/4"	786	565	1280	2.1	4.7	6.8
2SDM0.7/31	1/2" / 3/4"	950	590	1460	2.4	5	7.4
2.5SDM2/8	1"	415	382	743	3.1	6.9	10
2.5SDM2/11	1"	520	412	880	3.5	7.6	11.1
2.5SDM2/16	1"	654	462	1056	3.8	8.2	12
2.5SDM2/21	1"	786	512	1228	4.2	8.9	13.1



3SD



Application

For pumping clean water with sand content less than 150g/m³
For well pumping, river pumping, farm irrigation, water supply.

Operating conditions

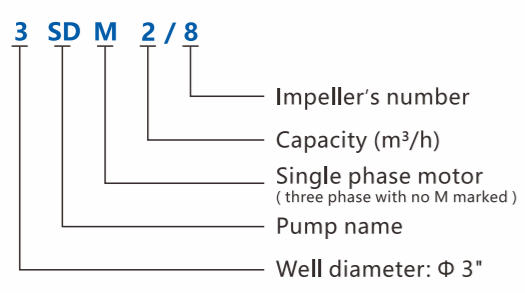
Water temperature up to 35°C
Ambient temperature permissible up to 40°C
3SDM Minimum internal diameter of well: 3" (75mm)
Maximum immersion depth: 80m

Motor

Rewindable motor
Insulation **Class B**
Protection **IP68**
NEMA dimension standards

Options on request

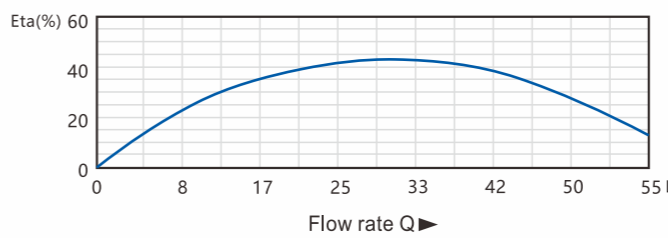
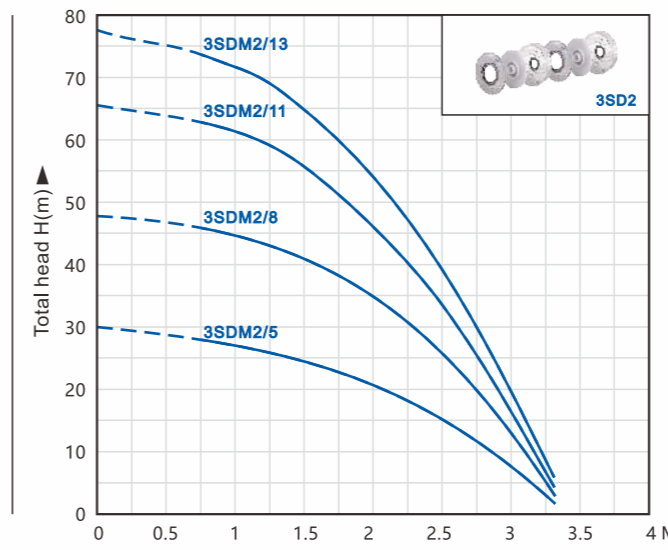
Special mechanical seal
Single phase motor with built-in capacitor
Single phase motor with control box
The length of cable: 2 Meter
Outlet dimension : 1", 1 1/4"



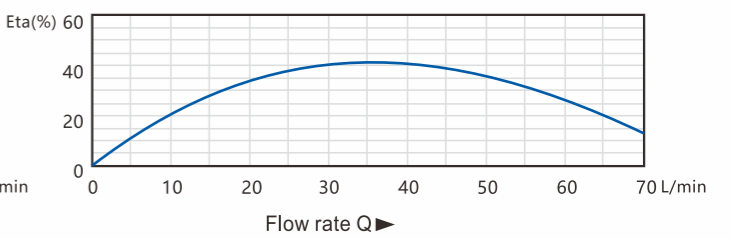
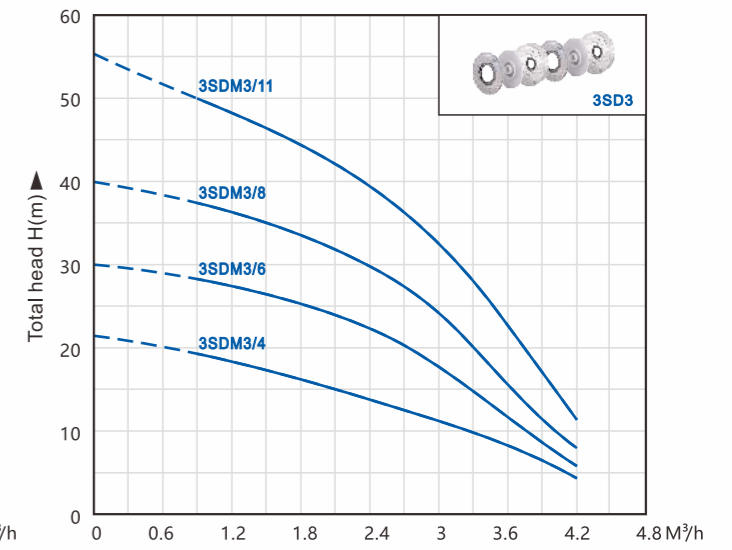
Components	Material
Pump body	Stainless steel
Motor bracket	Stainless steel
Motor shaft	AISI304 SS
Pump shaft	Stainless steel
Impeller	POM
Diffuser	PC
Bearing	C&U, NSK if request
Mechanical seal	Ceramic /Graphite, SIC/Graphite or Alloy Graphite if request
Coupling and outlet	Brass, Stainless steel or Cast iron if request
Shaft coupling	AISI304 SS
Bearing bush	AISI304 SS
Oil chamber	Cast iron, Cast-Cu if request



PERFORMANCE CHART AT N=3450RPM



PERFORMANCE CHART AT N=3450RPM



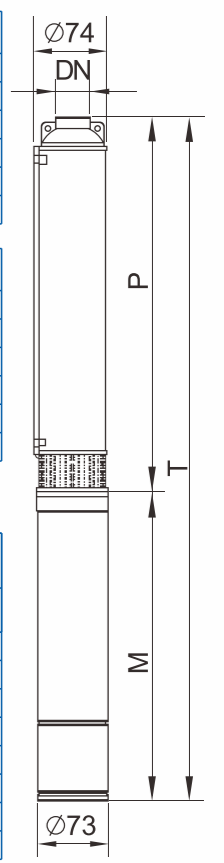
PERFORMANCE DATA 60Hz

Model	Power		Capacity & Head							
	kW	HP	Q(M³/h)		Q(L/min)		H(m)			
1~ 110V-127V / 220V-240V			0	0.5	1	1.5	2	2.5	3	3.3
3SDM2/5	0.25	0.33	0	8	17	25	33	42	50	55
3SDM2/8	0.37	0.5	30	29	28	25	22	15	8	2
3SDM2/11	0.55	0.75	48	47	45	41	35	24	13	3
3SDM2/13	0.75	1	66	64	61	56	46	33	17	4
			78	75	72	66	54	39	20	6

Model	Power		Capacity & Head							
	kW	HP	Q(M³/h)		Q(L/min)		H(m)			
1~ 110V-127V / 220V-240V			0	0.6	1.2	1.8	2.4	3	3.6	4.2
3SDM3/4	0.25	0.33	0	10	20	30	40	50	60	70
3SDM3/6	0.37	0.5	21	20	18	16	14	12	8	4
3SDM3/8	0.55	0.75	30	29	27	25	23	19	12	6
3SDM3/11	0.75	1	40	38	36	33	30	25	16	8
			55	52	49	45	41	34	22	11

DIMENSIONS & WEIGHTS

Model	DN	DIMENSION (mm)			WEIGHT (kg)		
		P	M	T	P	M	T
1~ 110V-127V / 220V-240V							
3SDM2/5	1" / 1/4"	228	390	568	1.9	4.7	6.6
3SDM2/8	1" / 1/4"	296	430	676	2.2	5.5	7.7
3SDM2/11	1" / 1/4"	365	430	745	2.8	6.5	9.3
3SDM2/13	1" / 1/4"	410	470	830	3.2	7.5	10.7
3SDM3/4	1" / 1/4"	224	390	564	1.8	4.7	6.5
3SDM3/6	1" / 1/4"	277	430	657	2.1	5.5	7.6
3SDM3/8	1" / 1/4"	331	430	711	2.3	6.5	8.8
3SDM3/11	1" / 1/4"	412	470	832	2.9	7.5	10.4



4SD



Application

For pumping clean water with sand content less than 150g/m³
 For well pumping, river pumping, farm irrigation, water supply, mining, draiaage in breeding industry.

Operating conditions

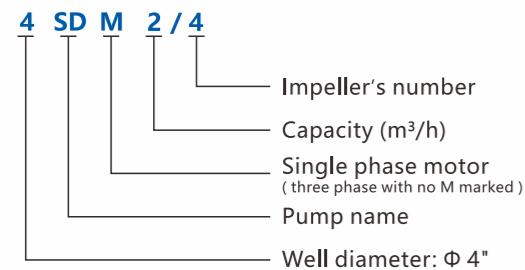
Water temperature up to 35°C
 Ambient temperature permissible up to 40°C
 4SDM Minimum internal diameter of well: 4"(100mm)
 Maximum sand content: 0.25%
 Maximum immersion depth: 80m

Motor

Rewindable motor
 Insulation **Class B**
 Protection **Ip68**
 NEMA dimension standards

Options on request

Special mechanical seal
 Single phase motor with built-in capacitor
 Single phase motor with control box
 The length of cable: 2 Meter
 Outlet dimension : 1½", 1¼", 2"



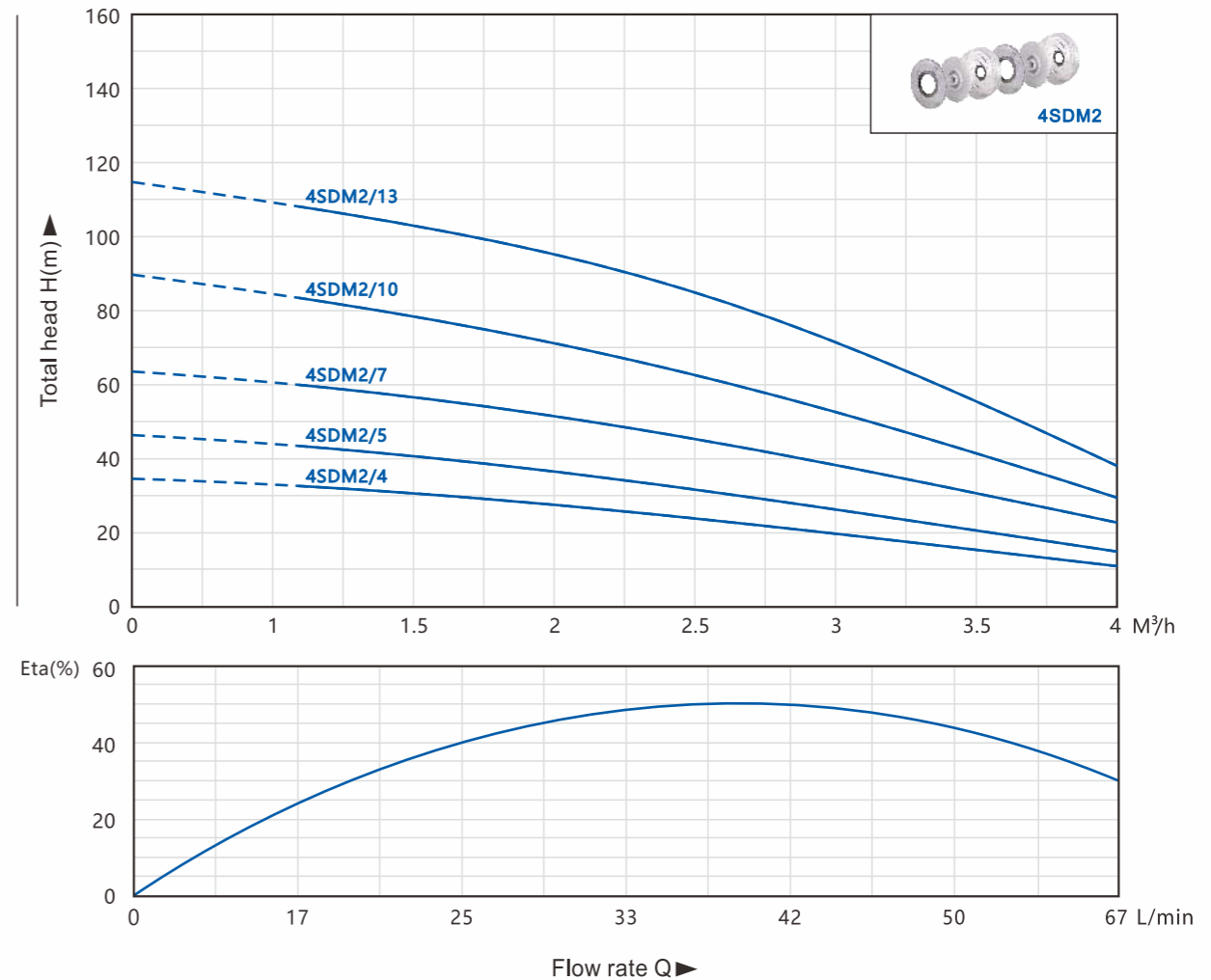
4SD

4SD



Components	Material
Pump body	Stainless steel
Motor bracket	Stainless steel
Motor shaft	AISI304 SS
Pump shaft	Stainless steel
Impeller	POM
Diffuser	PC
Bearing	C&U, NSK if request
Mechanical seal	Ceramic /Graphite, SIC/Graphite or Alloy Graphite if request
Coupling and outlet	Brass, Stainless steel or Cast iron if request
Shaft coupling	AISI304 SS
Bearing bush	AISI304 SS
Oil chamber	Cast iron, Cast-Cu if request

PERFORMANCE CHART AT N=3450RPM

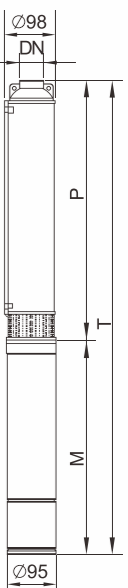


PERFORMANCE DATA 60Hz

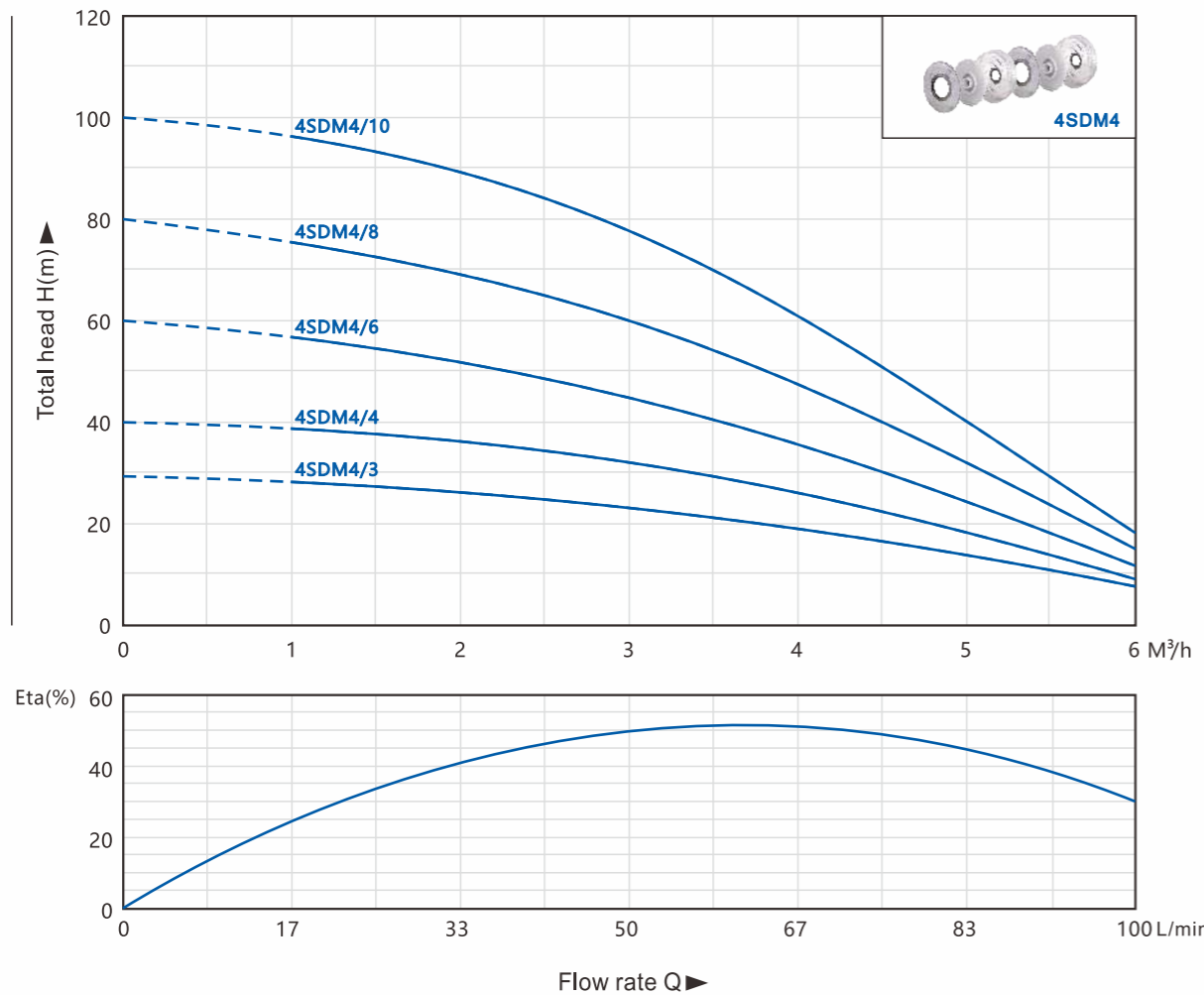
Model		Power		Capacity & Head n=3450 r.p.m							
1~ 110V-127V/220V-240V	3~ 380V-415V	kW	HP	H(m)							
				Q(M³/h)	0	1	1.5	2	2.5	3	4
4SDM2/4		0.37	0.5	Q(L/min)	0	17	25	33	42	50	67
4SDM2/5		0.55	0.75	40	36	34	31	28	23	13	
4SDM2/7	4SD2/7	0.75	1	50	45	42	38	35	28	16	
4SDM2/10	4SD2/10	1.1	1.5	70	63	59	53	49	39	22	
4SDM2/13	4SD2/13	1.5	2	100	90	85	76	70	55	30	
				130	117	110	98	91	72	39	

DIMENSIONS & WEIGHTS

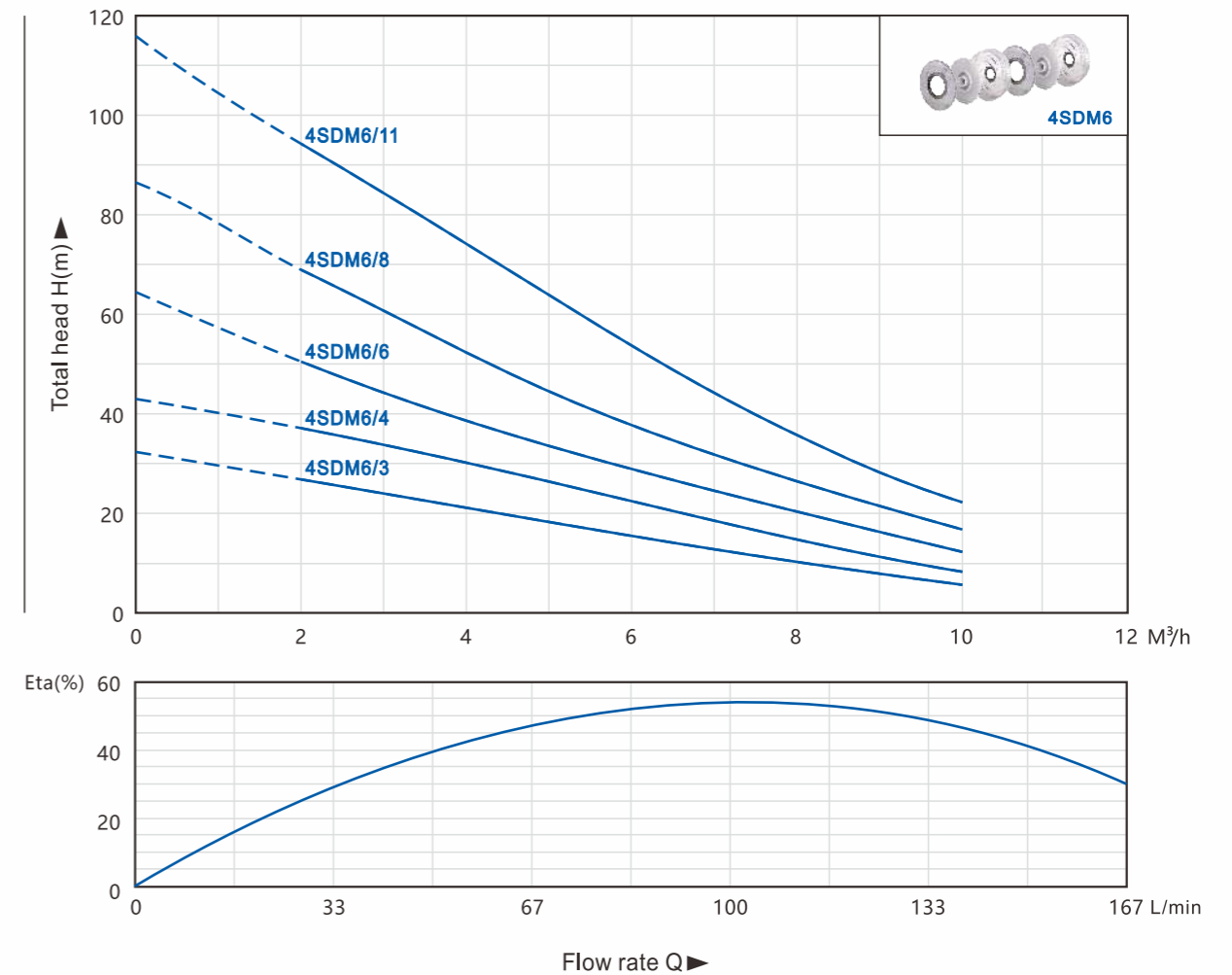
Model		DN	DIMENSION (mm)			WEIGHT (kg)		
1~ 110V-127V/220V-240V	3~ 380V-415V		P	M	T	P	M	T
4SDM2/4		1¼ "/ ½ "	315	363	628	2.7	7.2	9.9
4SDM2/5		1¼ "/ ½ "	342	378	670	2.9	8	10.9
4SDM2/7	4SD2/7	1¼ "/ ½ "	395	398	743	3.4	8.7	12.1
4SDM2/10	4SD2/10	1¼ "/ ½ "	476	438	865	4.1	10.8	14.9
4SDM2/13	4SD2/13	1¼ "/ ½ "	557	515	1022	4.8	13.8	18.6



PERFORMANCE CHART AT N=3450RPM

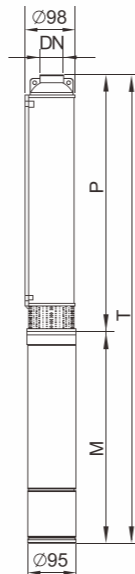


PERFORMANCE CHART AT N=3450RPM



PERFORMANCE DATA 60Hz

Model		Power		Capacity & Head n=3450 r.p.m						
1~ 110V-127V/220V-240V	3~ 380V-415V	kW	HP	Q(M³/h)	0	2	3	4	5	6
				Q(L/min)	0	33	50	67	83	100
4SDM4/3		0.37	0.5	H(m)	30	29	25	19	15	8
4SDM4/4		0.55	0.75		40	38	33	26	19	10
4SDM4/6	4SDM4/6	0.75	1		60	57	50	39	29	13
4SDM4/8	4SDM4/8	1.1	1.5		80	76	66	52	38	16
4SDM4/10	4SDM4/10	1.5	2		100	95	83	65	48	19

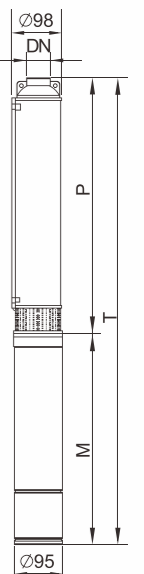


DIMENSIONS & WEIGHTS

Model		DN	DIMENSION (mm)			WEIGHT (kg)		
1~ 110V-127V/220V-240V	3~ 380V-415V		P	M	T	P	M	T
4SDM4/3		1¼ "/½ "	281	363	594	2.5	7.2	9.7
4SDM4/4		1¼ "/½ "	310	378	638	2.7	8	10.7
4SDM4/6	4SDM4/6	1¼ "/½ "	362	398	710	3.1	8.7	11.8
4SDM4/8	4SDM4/8	1¼ "/½ "	415	438	802	3.5	10.8	14.3
4SDM4/10	4SDM4/10	1¼ "/½ "	467	515	932	4.1	13.8	17.9

PERFORMANCE DATA 60Hz

Model		Power		Capacity & Head n=3450 r.p.m						
1~ 110V-127V/220V-240V	3~ 380V-415V	kW	HP	Q(M³/h)	0	2	4	6	8	10
				Q(L/min)	0	33	67	100	133	167
4SDM6/3		0.55	0.75	H(m)	33	26	21	17	11	6
4SDM6/4		0.75	1		43	35	28	23	14	8
4SDM6/6	4SDM6/6	1.1	1.5		64	52	42	34	20	12
4SDM6/8	4SDM6/8	1.5	2		86	69	56	44	27	16
4SDM6/11	4SDM6/11	2.2			117	94	77	58	37	22



DIMENSIONS & WEIGHTS

Model		DN	DIMENSION (mm)			WEIGHT (kg)		
1~ 110V-127V/220V-240V	3~ 380V-415V		P	M	T	P	M	T
4SDM6/3		1¼ "/½ "/2"	300	378	628	2.5	8	10.5
4SDM6/4		1¼ "/½ "/2"	330	398	679	2.8	8.7	11.5
4SDM6/6	4SDM6/6	1¼ "/½ "/2"	391	438	780	3.4	10.8	14.2
4SDM6/8	4SDM6/8	1¼ "/½ "/2"	452	515	918	3.9	13.8	17.7
4SDM6/11	4SDM6/11	1¼ "/½ "/2"	545	590	1085	4.9	17.4	22.3

3SP

Application

For pumping clean water with sand content less than 150g/m³
 For well pumping, river pumping, farm irrigation, water supply, mining, draiaage in breeding industry.

Operating conditions

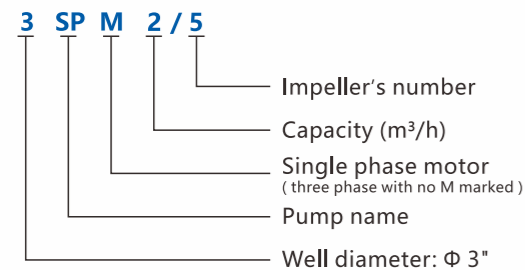
Water temperature up to 35°C
 Ambient temperature permissible up to 40°C
 3SPM Minimum internal diameter of well: 3"(75mm)
 Maximum sand content: 0.25%
 Maximum immersion depth: 80m

Motor

Rewindable motor
 Insulation **Class B**
 Protection **Ip68**
 NEMA dimension standards

Options on request

Special mechanical seal
 Single phase motor with built-in capacitor
 Single phase motor with control box
 The length of cable: 2 Meter
 Outlet dimension : 1¼"



Components	Material
Pump body	AISI304 SS
Motor bracket	Stainless steel
Motor shaft	AISI304 SS
Pump shaft	AISI304 SS
Impeller	AISI304 SS
Diffuser	AISI304 SS
Bearing	C&U, NSK if request
Mechanical seal	Ceramic /Graphite, SIC/Graphite or Alloy Graphite if request
Coupling and outlet	AISI304 SS
Shaft coupling	AISI304 SS
Oil chamber	Cast iron, Cast-Cu if request

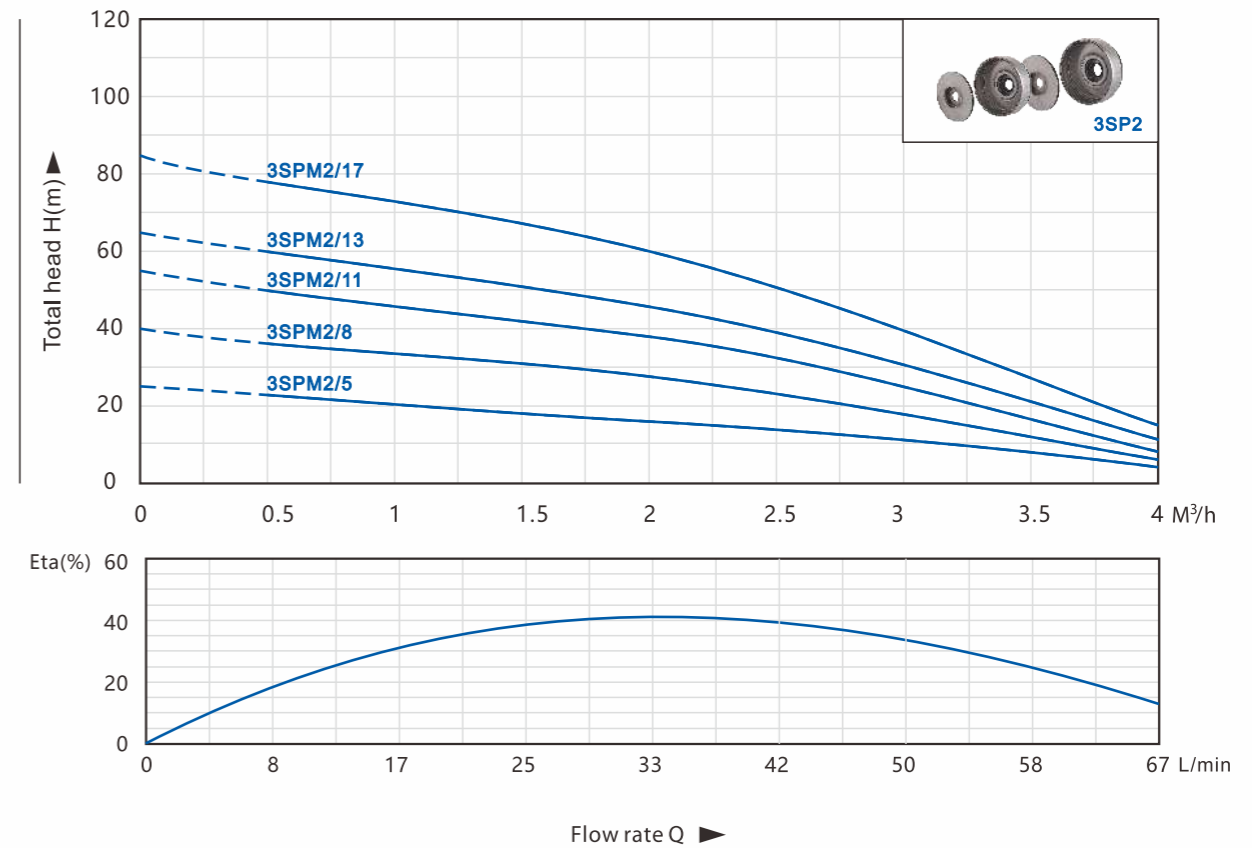


3SP

3SP



PERFORMANCE CHART AT N=3450RPM

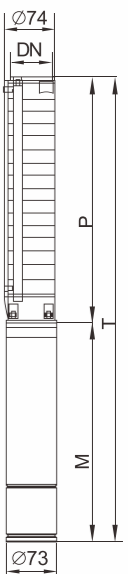


PERFORMANCE DATA 60Hz

Model	Power		Capacity & Head n=3450r.p.m										
	1~110V-127V / 220V-240V	kW	HP	Q(M³/h)	0	0.5	1	1.5	2	2.5	3	3.5	4
3SPM2/5	0.25	0.33		Q(L/min)	25	23	17	25	33	42	50	58	67
3SPM2/8	0.37	0.5		H(m)	40	37	34	31	28	24	20	13	6
3SPM2/11	0.55	0.75			55	51	47	42	39	33	27	18	9
3SPM2/13	0.75	1			65	60	55	50	46	39	32	21	12
3SPM2/17	1.1	1.5			85	79	73	66	60	51	41	28	16

DIMENSIONS & WEIGHTS

Model	DN	DIMENSION (mm)			WEIGHT (kg)		
		P	M	T	P	M	T
3SPM2/5	1¼"	290	390	630	1.2	4.7	5.9
3SPM2/8	1¼"	390	430	770	1.6	5.5	7.1
3SPM2/11	1¼"	350	430	730	2	6.5	8.5
3SPM2/13	1¼"	390	470	810	2.4	7.5	9.9
3SPM2/17	1¼"	470	555	975	2.8	9.7	12.5



4SP

Application

For pumping clean water with sand content less than 150g/m³
 For well pumping, river pumping, farm irrigation, water supply, mining, draiaage in breeding industry.

Operating conditions

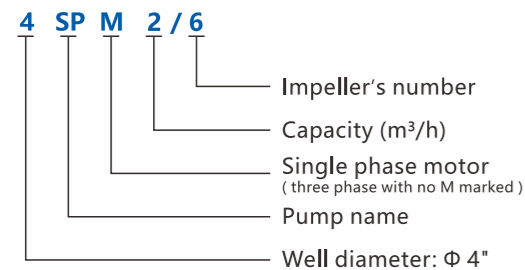
Water temperature up to 35°C
 Ambient temperature permissible up to 40°C
 4SPM Minimum internal diameter of well: 4"(100mm)
 Maximum sand content: 0.25%
 Maximum immersion depth: 80m

Motor

Rewindable motor
 Insulation **Class B**
 Protection **Ip68**
 NEMA dimension standards

Options on request

Special mechanical seal
 Single phase motor with built-in capacitor
 Single phase motor with control box
 The length of cable: 2 Meter
 Outlet dimension : 1¼", 1½", 2"



Components	Material
Pump body	AISI304 SS
Motor bracket	Stainless steel
Motor shaft	AISI304 SS
Pump shaft	AISI304 SS
Impeller	AISI304 SS
Diffuser	AISI304 SS
Bearing	C&U, NSK if request
Mechanical seal	Ceramic /Graphite, SIC/Graphite or Alloy Graphite if request
Coupling and outlet	AISI304 SS
Shaft coupling	AISI304 SS
Oil chamber	Cast iron, Cast-Cu if request

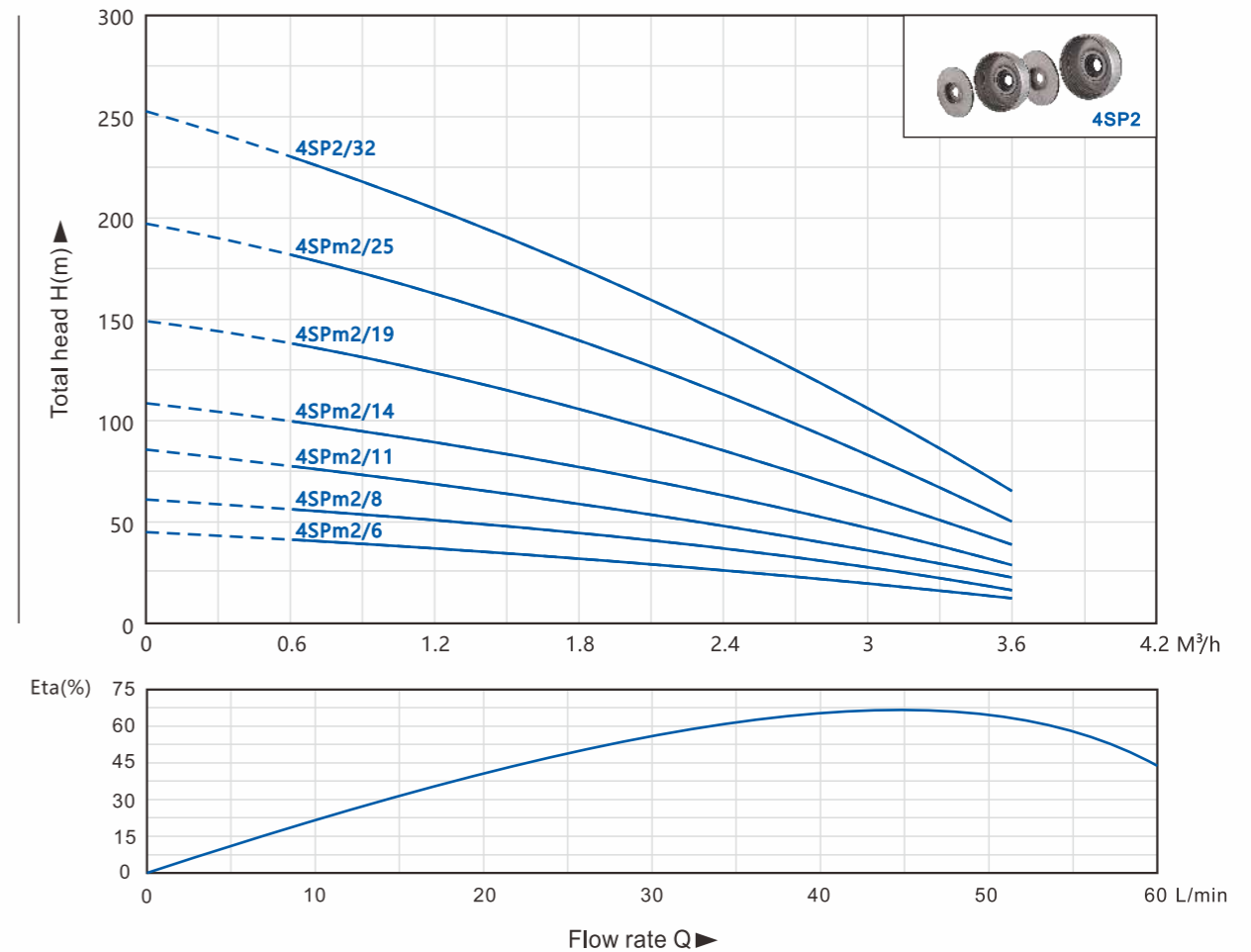


4SP

4SP



PERFORMANCE CHART AT N=3450RPM

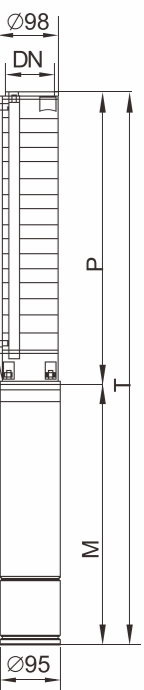


PERFORMANCE DATA 60Hz

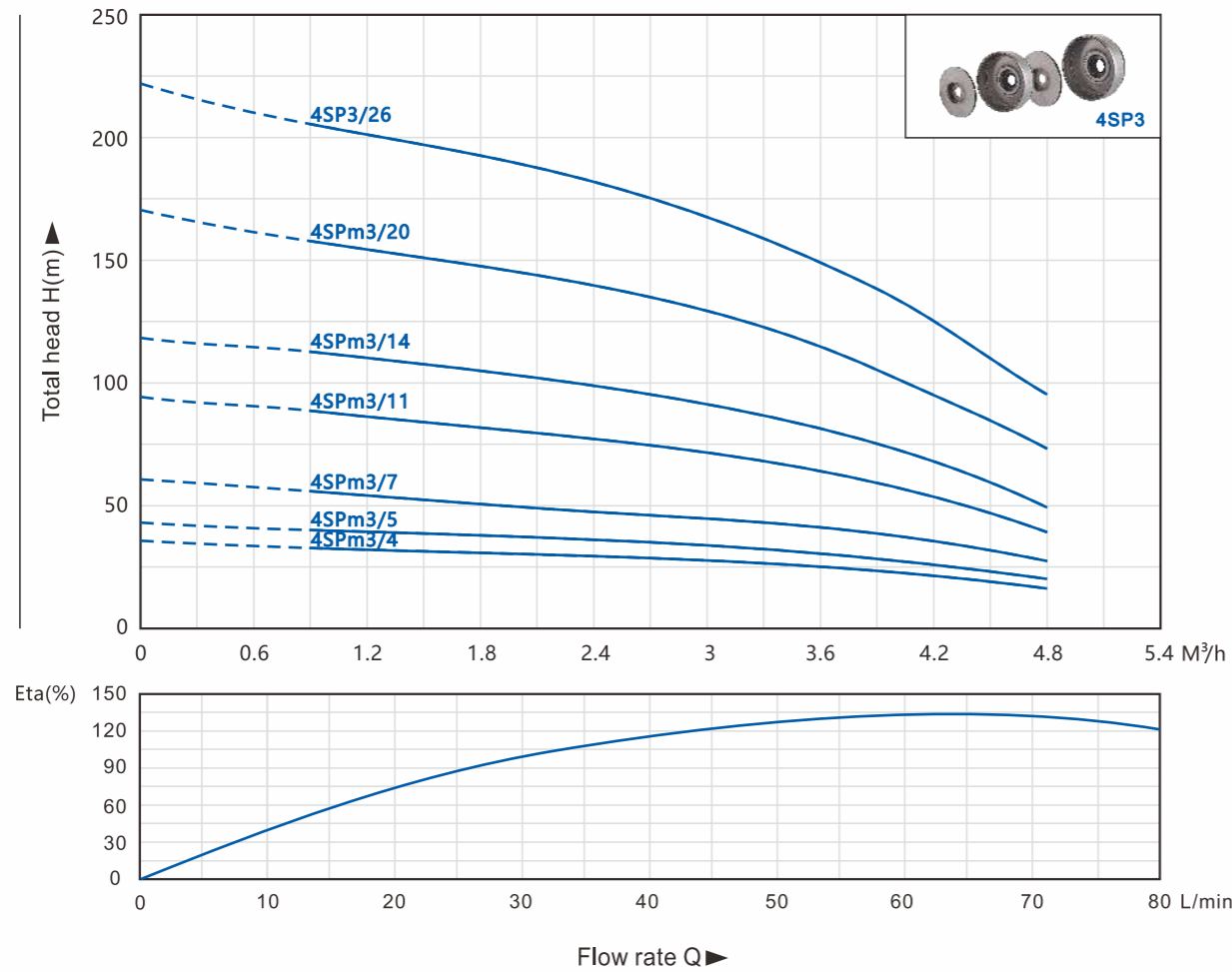
Model	Power	Capacity & Head						n=3450 r.p.m			
		Q(M ³ /h)	0	0.6	1.2	1.8	2.4	3	3.6		
1~ 110V-127V / 220V-240V	3~ 380V-415V	kW	HP	Q(L/min)	0	10	20	30	40	50	60
4SPm2/6		0.37	0.5	H(m)	47	43	37	33	27	20	12
4SPm2/8		0.55	0.75		63	58	50	44	36	27	16
4SPm2/11	4SP2/11	0.75	1		87	79	68	61	50	37	22
4SPm2/14	4SP2/14	1.1	1.5		110	101	87	78	64	47	28
4SPm2/19	4SP2/19	1.5	2		150	137	118	106	87	63	38
4SPm2/25	4SP2/25	2.2	3		197	181	156	139	114	83	50
	4SP2/32	3	4		252	230	198	177	145	107	64

DIMENSIONS & WEIGHTS

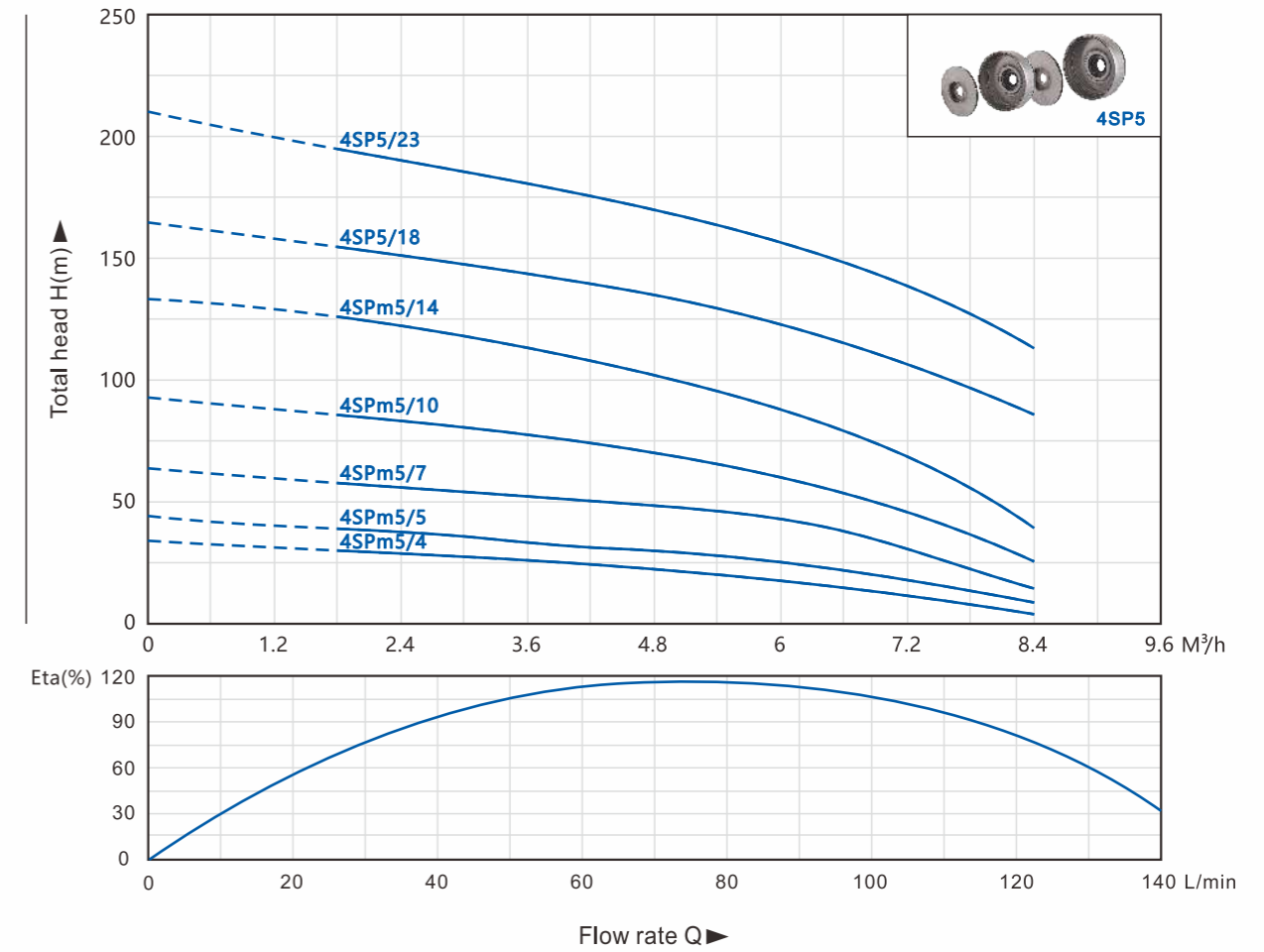
Model	DN	DIMENSION (mm)			WEIGHT (kg)		
		P	M	T	P	M	T
1~ 110V-127V / 220V-240V	3~ 380V-415V						
4SPm2/6	1¼" / ½"	281	363	594	2.8	7.2	10
4SPm2/8	1¼" / ½"	333	378	661	3.2	8	11.2
4SPm2/11	1¼" / ½"	369	398	717	3.8	8.7	12.5
4SPm2/14	1¼" / ½"	459	438	847	4.4	10.8	15.2
4SPm2/19	1¼" / ½"	564	515	1029	5.5	13.8	19.3
4SPm2/25	1¼" / ½"	690	590	1230	6.8	17.4	24.2
	1¼" / ½"	837	605	1392	8.2	19.3	27.5



PERFORMANCE CHART AT N=3450RPM



PERFORMANCE CHART AT N=3450RPM

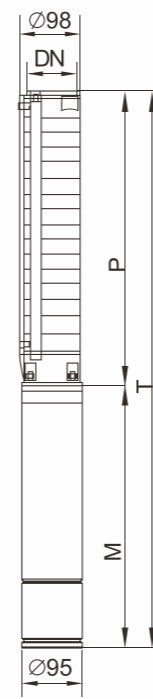


PERFORMANCE DATA 60Hz

Model		Power		Capacity & Head n=3450 r.p.m									
1~ 110V-127V/220V-240V	3~ 380V-415V	kW	HP	H(m)									
				Q(M³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
4SPm3/4		0.37	0.5	35	33	31	30	28	26	23	19	14	
4SPm3/5		0.55	0.75	43	41	39	37	35	32	29	23	18	
4SPm3/7	4SP3/7	0.75	1	61	57	54	52	49	45	40	33	25	
4SPm3/11	4SP3/11	1.1	1.5	95	90	85	82	77	71	63	51	39	
4SPm3/14	4SP3/14	1.5	2	121	115	109	104	98	90	81	65	50	
4SPm3/20	4SP3/20	2.2	3	171	164	155	149	140	129	115	94	71	
	4SP3/26	3	4	226	213	202	193	182	167	150	122	93	

DIMENSIONS & WEIGHTS

Model		DN	DIMENSION (mm)			WEIGHT (kg)		
1~ 110V-127V/220V-240V	3~ 380V-415V		P	M	T	P	M	T
4SPm3/4		1/4" / 1/2"	249	363	562	2.3	7.2	9.5
4SPm3/5		1/4" / 1/2"	270	378	598	2.6	8	10.6
4SPm3/7	4SP3/7	1/4" / 1/2"	312	398	660	3	8.7	11.7
4SPm3/11	4SP3/11	1/4" / 1/2"	396	438	784	3.8	10.8	14.6
4SPm3/14	4SP3/14	1/4" / 1/2"	459	515	924	4.4	13.8	18.2
4SPm3/20	4SP3/20	1/4" / 1/2"	585	590	1125	5.7	17.4	23.1
	4SP3/26	1/4" / 1/2"	711	605	1266	7	19.3	26.3

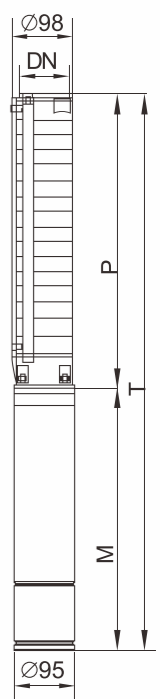


PERFORMANCE DATA 60Hz

Model		Power		Capacity & Head n=3450 r.p.m									
1~ 110V-127V/220V-240V	3~ 380V-415V	kW	HP	H(m)									
				Q(M³/h)	0	1.2	2.4	3.6	4.8	6	7.2	8.4	
4SPm5/4		0.55	0.75	37	35	33	31	28	26	20	12		
4SPm5/5	4SP5/5	0.75	1	46	44	42	39	35	33	25	15		
4SPm5/7	4SP5/7	1.1	1.5	64	61	58	55	49	46	35	21		
4SPm5/10	4SP5/10	1.5	2	91	88	83	79	70	65	50	30		
4SPm5/14	4SP5/14	2.2	3	128	123	117	110	99	91	70	42		
	4SP5/18	3	4	156	147	140	134	126	116	104	84		
	4SP5/23	4	5.5	200	188	179	171	161	148	133	108		

DIMENSIONS & WEIGHTS

Model		DN	DIMENSION (mm)			WEIGHT (kg)		
1~ 110V-127V/220V-240V	3~ 380V-415V		P	M	T	P	M	T
4SPm5/4		1/4" / 1/2"	261	378	589	2.2	8	10.2
4SPm5/5	4SP5/5	1/4" / 1/2"	285	398	633	2.5	8.7	11.2
4SPm5/7	4SP5/7	1/4" / 1/2"	333	438	721	3	10.8	13.8
4SPm5/10	4SP5/10	1/4" / 1/2"	405	515	870	3.7	13.8	17.5
4SPm5/14	4SP5/14	1/4" / 1/2"	501	590	1041	4.6	17.4	22
	4SP5/18	1/4" / 1/2"	597	605	1152	5.6	19.3	24.9
	4SP5/23	1/4" / 1/2"	717	723	1390	6.8	21.9	28.7



3SKM & 4SKM

Application

For pumping clean water with sand content less than 150g/m³
 For well pumping, river pumping, farm irrigation, water supply, mining, draiaage in breeding industry.

Operating conditions

Water temperature up to **35°C**
 Ambient temperature permissible up to **40°C**
 3SKM Minimum internal diameter of well: **3"**(75mm)
 4SKM Minimum internal diameter of well: **4"**(100mm)
 Maximum immersion depth: **80m**

Motor

Rewindable motor
 Insulation **Class B**
 Protection **Ip68**
 NEMA dimension standards

Options on request

Special mechanical seal
 Single phase motor with built-in capacitor
 Single phase motor with control box
 The length of cable: 2 Meter
 Outlet dimension : 1"

Components	Material
Pump body	Stainless steel
Motor shaft	AISI304 SS
Impeller	Brass
Bearing	C&U, NSK if request
Mechanical seal	Ceramic /Graphite, SIC/Graphite or Alloy Graphite if request
Outlet	Brass
Oil chamber	Cast iron, Cast-Cu if request

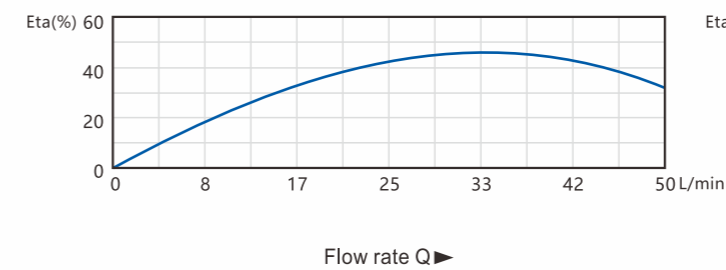
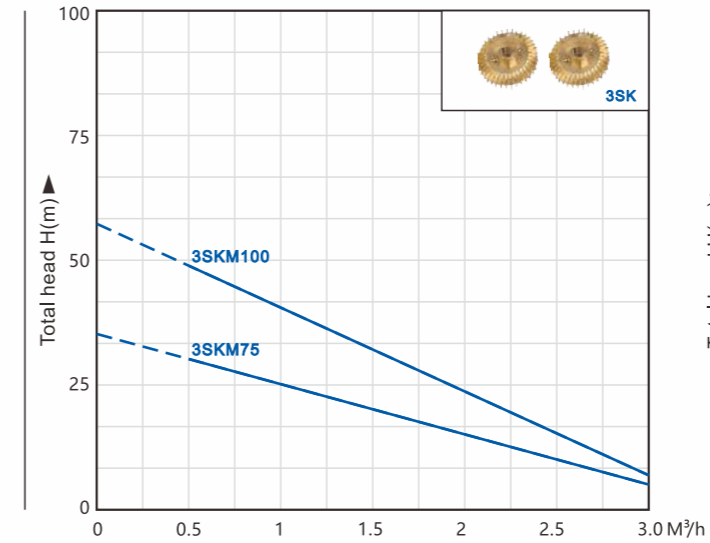


3SKM

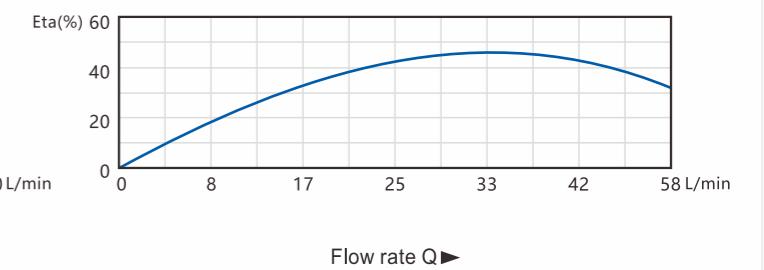
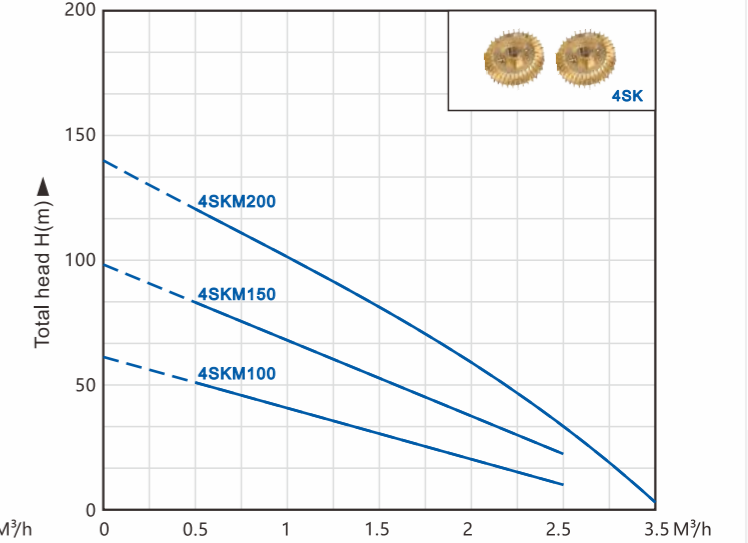
4SKM



PERFORMANCE CHART AT N=2850RPM



PERFORMANCE CHART AT N=2850RPM



PERFORMANCE DATA 50Hz

Model		Power		Capacity & Head							n=2850 r.p.m	
1~ 220V-240V	3~ 380V-415V	kW	HP	Q(M³/h)	0	0.5	1	1.5	2	2.5	3.0	
				Q(L/min)	0	8	17	25	33	42	50	
3SKM75	3SK75	0.55	0.75	H(m)	35	29	25	20	15	9.5	6	
3SKM100	3SK100	0.75	1		57	48	40	32	25	17	7	

Model		Power		Capacity & Head							n=2850 r.p.m	
1~ 220V-240V	3~ 380V-415V	kW	HP	Q(M³/h)	0	0.5	1	1.5	2	2.5	3.5	
				Q(L/min)	0	8	17	25	33	42	58	
4SKM100	4SK100	0.75	1	H(m)	61	50	39	30	19	10		
4SKM150	4SK150	1.1	1.5		99	83	68	54	38	22		
4SKM200	4SK200	1.5	2		140	120	100	81	60	37	3	

4QG SOLAR PUMP

Profile

Adopt stainless steel screw and rubber, permanent Magnet Brushless motor. With combination of motor and controller, the max efficiency is over 85%, raises 25% than the traditional AC one.

Material

- ① Stainless steel casing, shaft core, coupling and pump body; copper alloy connecting, base; rubber stator of high-strength and wear-resistant.
- ② Oil filled style stainless steel submersible motor.

Product Feature

- ① Compact structure, high-lift, noiseless, pollution-free; complete electrical protecting controller device, against under-voltage, over-voltage, over-flow, overload, waterless etc; automatic recovery; controlling water height as demand.
- ② Easy installation, maintenance-free, safe and reliable.
Max Head: 95m Max flow: 3.6m³/h

Application

- ① These electric pumps series are workable with in maximum head, as there are no restrictions of BDC. With the addition of high head, high efficiency and wide high efficiency zone, they are suitable for distance water irrigation, high efficiency of increasing oxygen on aquaculture, pumping water from deep well, gardening, fountain and etc.

Working condition

- ① Non-corrosive water; the volume ratio of sand content no more than 1‰; particle size less than 0.2mm.
- ② Max medium temperature up to +40°C; PH value remains 6.5-8.5.
- ③ Work close to the rated head and must be immersed in water.



4QG

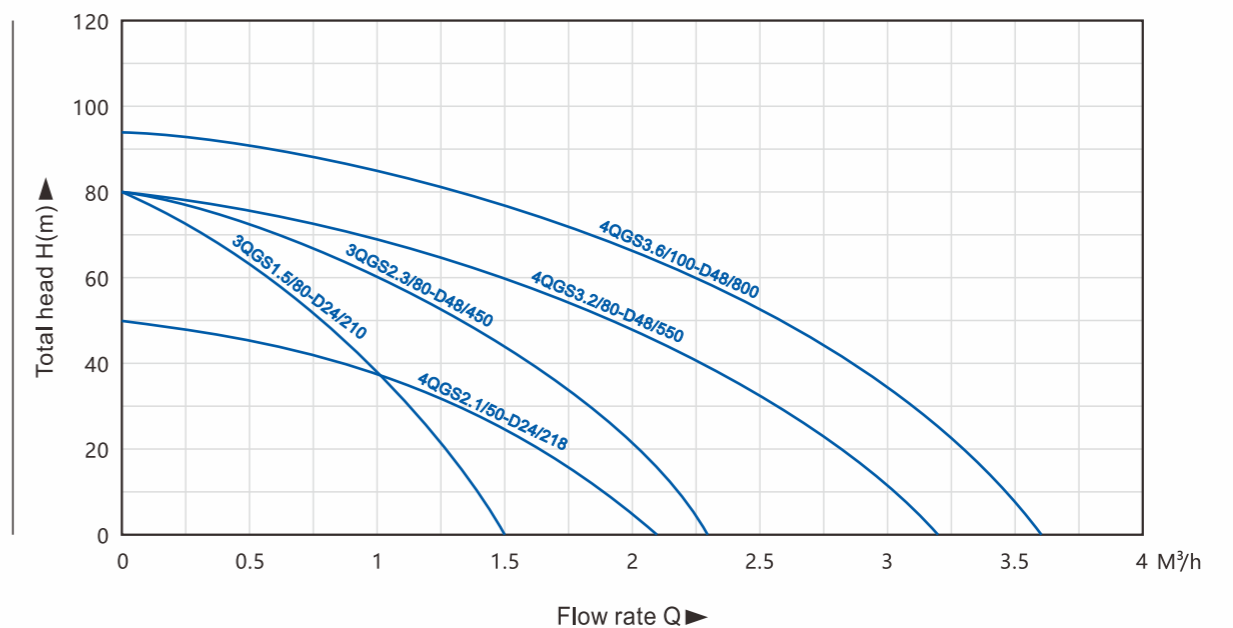


Solar panel



Motor controller

PERFORMANCE CHART AT N=4500RPM



Model	Impeller	Solar array Voltage (v)	Solar array Power (w)	Max. flow (m³/h)	Max. head (m)	Outlet (inch)	GW (kg)	Dimension (mm)
3QGS1.5/80-D24/210	Screw	36	280	1.5	80	0.75"	7.5	76×460
3QGS2.3/80-D48/450		72	570	2.3	80	0.75"	9	76×460
4QGS2.1/50-D24/218		36	280	2.1	50	1"	9.5	100×480
4QGS3.2/80-D48/550		72	570	3.2	80	1"	10.5	100×480
4QGS3.6/100-D48/800		72	1140	3.6	95	1"	13.5	100×550

3SP SOLAR PUMP

Profile

Adopt stainless steel casing, shaft core, coupling, water entry base and pump body (or copper alloy water entry base, pump body) to avoid rust or corrosion, stainless steel impeller and stainless steel blower inlet casing. New "floating style" structure of impeller avoids axial pressure to motor. With combination of motor and controller, the max efficiency is over 85%, raises 20% than the traditional AC one.

Material

- ① Stainless steel casing, shaft core, coupling and pump body; copper alloy connecting, base; stainless steel impeller and stainless steel inlet blower inlet casing.
- ② Oil filled style stainless steel submersible motor.

Product Feature

- ① Compact structure, high-lift, noiseless, pollution-free; complete electrical protecting controller device, against under-voltage, over-voltage, over-flow, overload, waterless etc; automatic recovery; controlling water height as demand.
- ② Easy installation, maintenance-free, safe and reliable.
Max Head: 95m Max flow: 4.5m³/h

Application

- ① These electric pumps series are workable within maximum head, as there are no restrictions of BDC. With the addition of high head, high efficiency and wide high efficiency zone, they are suitable for distance water irrigation, high efficiency of increasing oxygen on aquaculture, pumping water from deep well, gardening, fountain and etc.

Working condition

- ① Non-corrosive water; the volume ratio of sand content no more than 3‰; particle size less than 1mm.
- ② Max medium temperature up to +40°C; PH value remains 5-10.
- ③ Work close to the rated head and must be immersed in water.

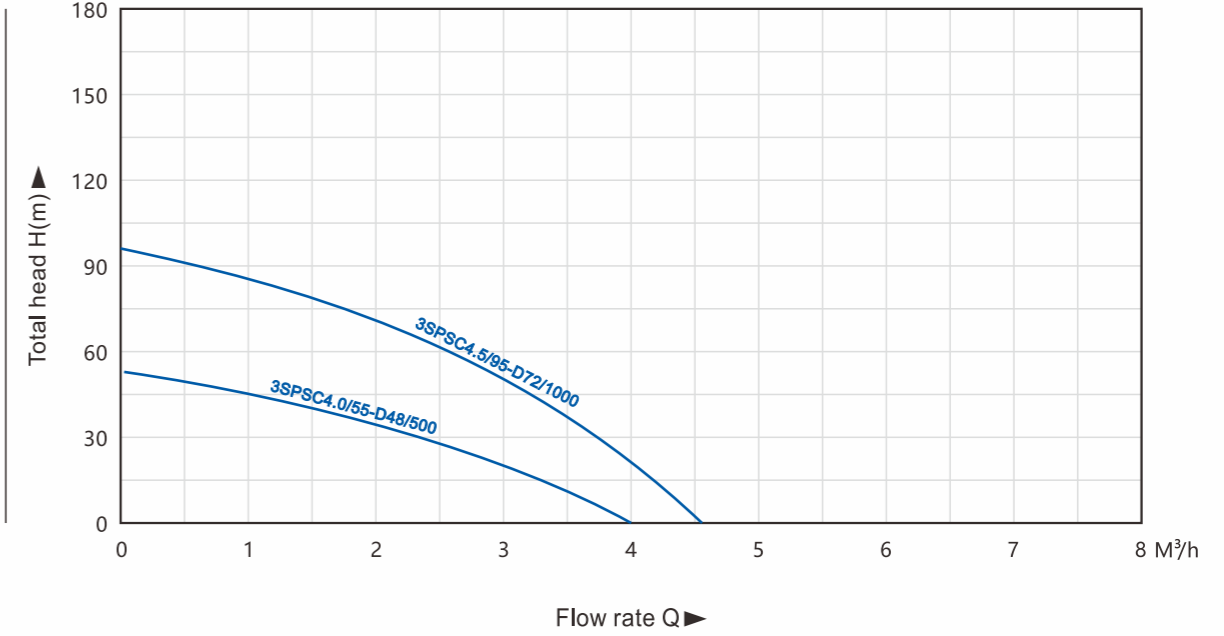


Solar panel



Motor controller

PERFORMANCE CHART AT N=4500RPM



Model	Impeller	Solar array Voltage (v)	Solar array Power (w)	Max. flow (m ³ /h)	Max. head (m)	Outlet (inch)	GW (kg)	Dimension (mm)
3SPSC4.0/55-D48/500	Centrifugal (Stainless steel)	72	600	4	55	1.25"	13.5	76×500
3SPSC4.5/95-D72/1000		108	1320	4.5	95	1.25"	14.5	76×560

4SP SOLAR PUMP

Profile

Adopt stainless steel casing, shaft core, coupling, water entry base and pump body (or copper alloy water entry base, pump body) to avoid rust or corrosion, stainless steel impeller and stainless steel blower inlet casing. New "floating style" structure of impeller avoids axial pressure to motor. With combination of motor and controller, the max efficiency is over 85%, raises 20% than the traditional AC one.

Material

- ① Stainless steel casing, shaft core, coupling and pump body; copper alloy connecting, base; stainless steel impeller and stainless steel inlet blower inlet casing.
- ② Oil filled style stainless steel submersible motor.

Product Feature

- ① Compact structure, high-lift, noiseless, pollution-free; complete electrical protecting controller device, against under-voltage, over-voltage, over-flow, overload, waterless etc; automatic recovery; controlling water height as demand.
- ② Easy installation, maintenance-free, safe and reliable.
Max Head: 130m Max flow: 15m³/h

Application

- ① These electric pumps series are workable within maximum head, as there are no restrictions of BDC. With the addition of high head, high efficiency and wide high efficiency zone, they are suitable for distance water irrigation, high efficiency of increasing oxygen on aquaculture, pumping water from deep well, gardening, fountain and etc.

Working condition

- ① Non-corrosive water; the volume ratio of sand content no more than 3‰; particle size less than 1mm.
- ② Max medium temperature up to +40°C; PH value remains 5-10.
- ③ Work close to the rated head and must be immersed in water.

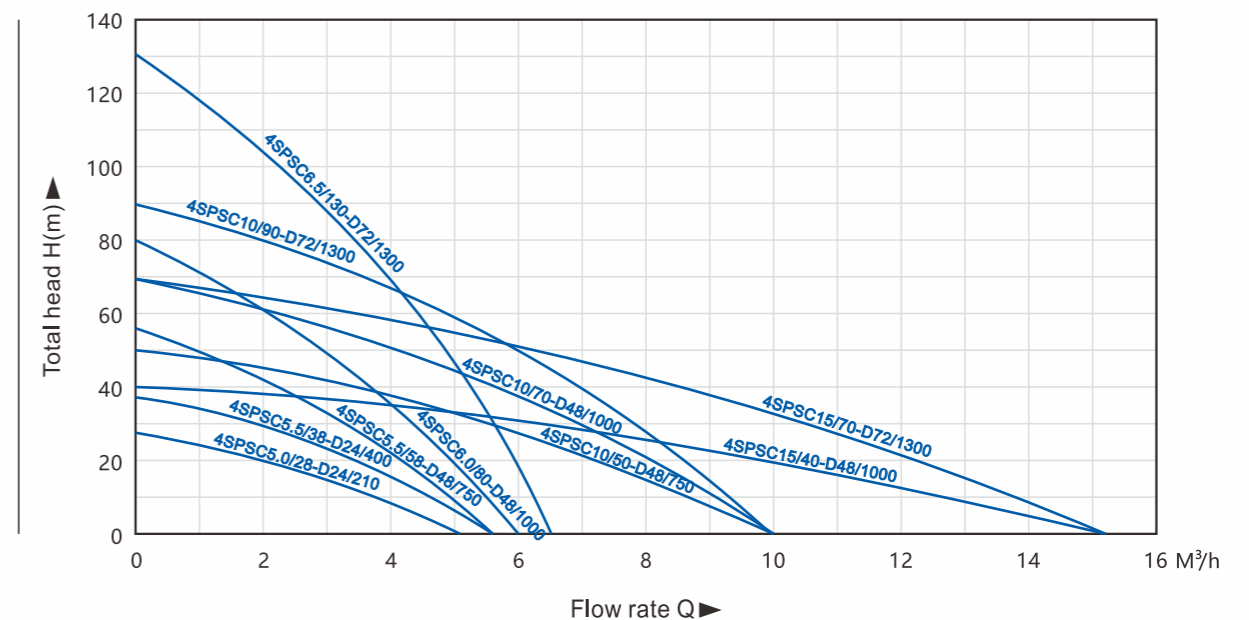


Solar panel



Motor controller

PERFORMANCE CHART AT N=4500RPM



Model	Impeller	Solar array Voltage (v)	Solar array Power (w)	Max.flow (m ³ /h)	Max.head (m)	Outlet (inch)	GW (kg)	Dimension (mm)
4SPSC5.0/28-D24/210	Centrifugal (Stainless steel)	36	280	5	28	1.25"	12	100×540
4SPSC5.5/38-D24/400		36	560	5.5	38	1.25"	12.5	100×650
4SPSC5.5/58-D48/750		72	960	5.5	58	1.25"	13.5	100×680
4SPSC6.0/80-D48/1000		72	1320	6	80	1.25"	15.5	100×740
4SPSC6.5/130-D72/1300		108	1680	6.5	130	1.25"	16.5	100×880
4SPSC10/50-D48/750		72	960	10	50	1.5"	13.5	100×540
4SPSC10/70-D48/1000		72	1320	10	70	1.5"	15	100×650
4SPSC10/90-D72/1300		108	1680	10	90	1.5"	15.5	100×680
4SPSC15/40-D48/1000		72	1320	15	40	2"	13.5	100×540
4SPSC15/70-D72/1300		108	1680	15	70	2"	14	100×620

Application

QGD series of sandproof small size submersible screw pump is mainly consisted of submersible motor, single screw pump and seal, single phase or three phase asynchronous motor is dry type or oil-filling type construction. The motor is positioned under the pump and submerged in water, so the heat dissipation effect is very good. The single screw pump is consisted of a single helix resilience rubber stator and creates a continuously forming cavity as it rotates. This cavity which carrying pumped liquid from inlet progresses towards the discharge end. The motor adopts "O" sealing ring and double end face mechanical seal. Function of seal is reliable and long working life.

Pump

Capacity from 0.5 to 3.5(m³/h)
Total head from 30 to 150(m)

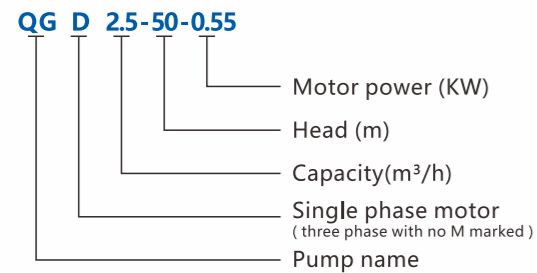
Motor

Power: 0.25 to 0.75kw
Insulation class: B
Protection grade: IP 68
Minimum well diameter: Φ94.5mm
Highest temperature of liquid: 40°C

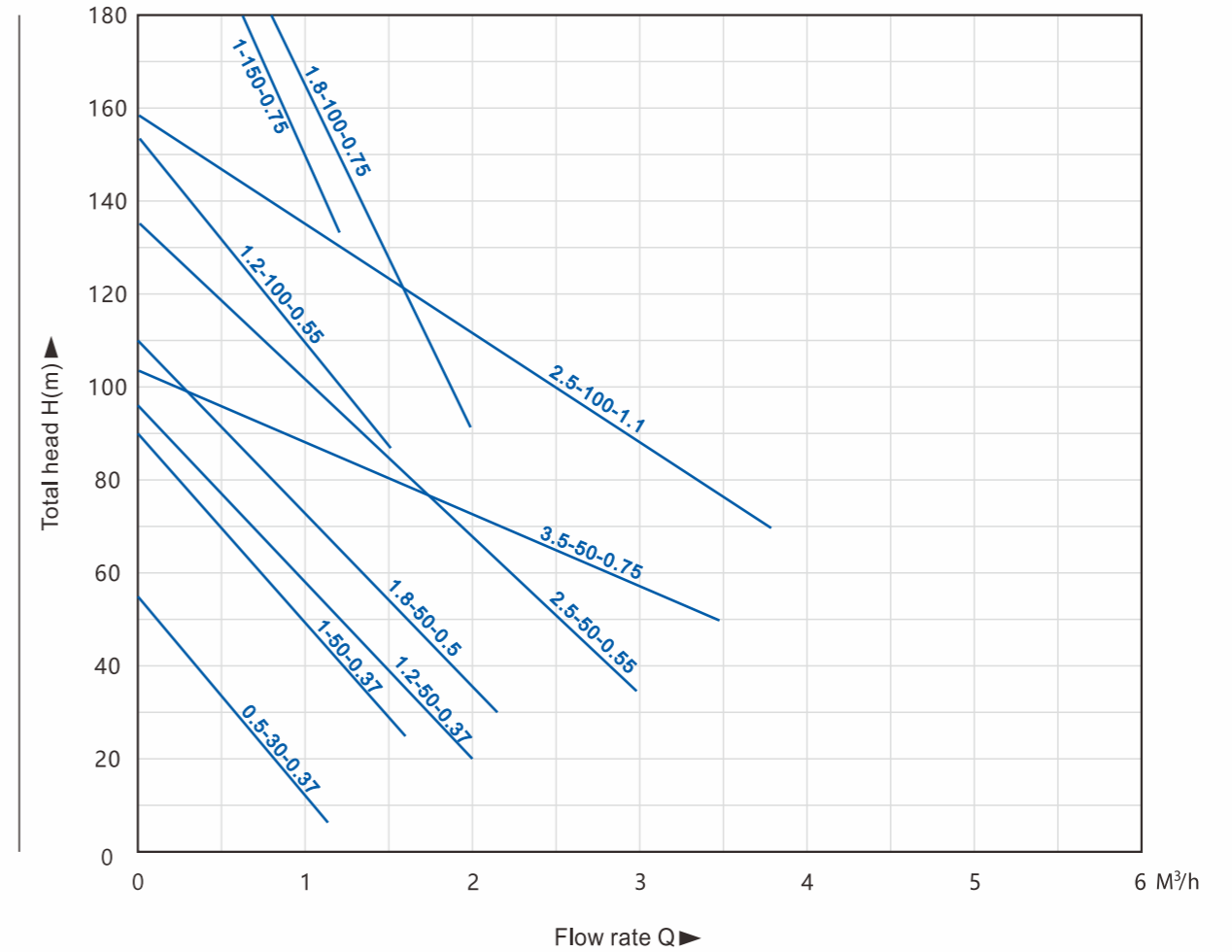


4QGD

2QGD



PERFORMANCE CHART AT N=2850RPM



PERFORMANCE DATA 50Hz

TYPE	Model 1~ 220V-240V	POWER		CAPACITY		VOLTAGE V	MAX.DIA mm	PIPE DIA		LENGTH mm
		kW	HP	M ³ /h	m			Inch	mm	
2QGD	0.5-30-0.37	0.37	0.5	0.5	30	220	90	1/2	550	
	1-50-0.25	0.25	0.35	1	50			1	530	
	1.2-50-0.37	0.37	0.5	1.2	50			1	543	
3.5QGD	1.8-50-0.50	0.5	0.7	1.8	50	220	102	1	553	
	1-50-0.25	0.25	0.35	1	50			1	543	
	1.2-50-0.37	0.37	0.5	1.2	50			1	543	
4QGD	1.8-50-0.50	0.5	0.7	1.8	50	220	102	1	573	
	0.8-100-0.50	0.5	0.7	0.8	100			1	583	
	2.5-50-0.55	0.55	0.75	2.5	50			1 1/4	585	
	1.2-100-0.55	0.55	0.75	1.2	100			1	589	
	3.5-50-0.75	0.75	1	3.5	50			1 1/4	600	
	1.8-100-0.75	0.75	1	1.8	100			1	605	
	1-150-0.75	0.75	1	1	150			1	630	

5SR

Application

For pumping clean water with sand content less than 150g/m³
 For well pumping, river pumping, farm irrigation, water supply,
 mining, draiaage in breeding industry.

Operating conditions

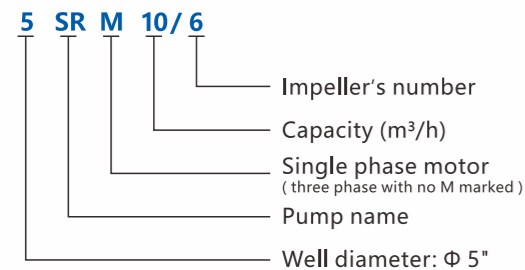
Water temperature up to 35°C
 Ambient temperature permissible up to 40°C
 5SRM Minimum internal diameter of well: 5"(130mm)
 Maximum sand content: 0.25%
 Maximum immersion depth: 80m

Motor

Rewindable motor
 Insulation **Class B**
 Protection **Ip68**
 NEMA dimension standards

Options on request

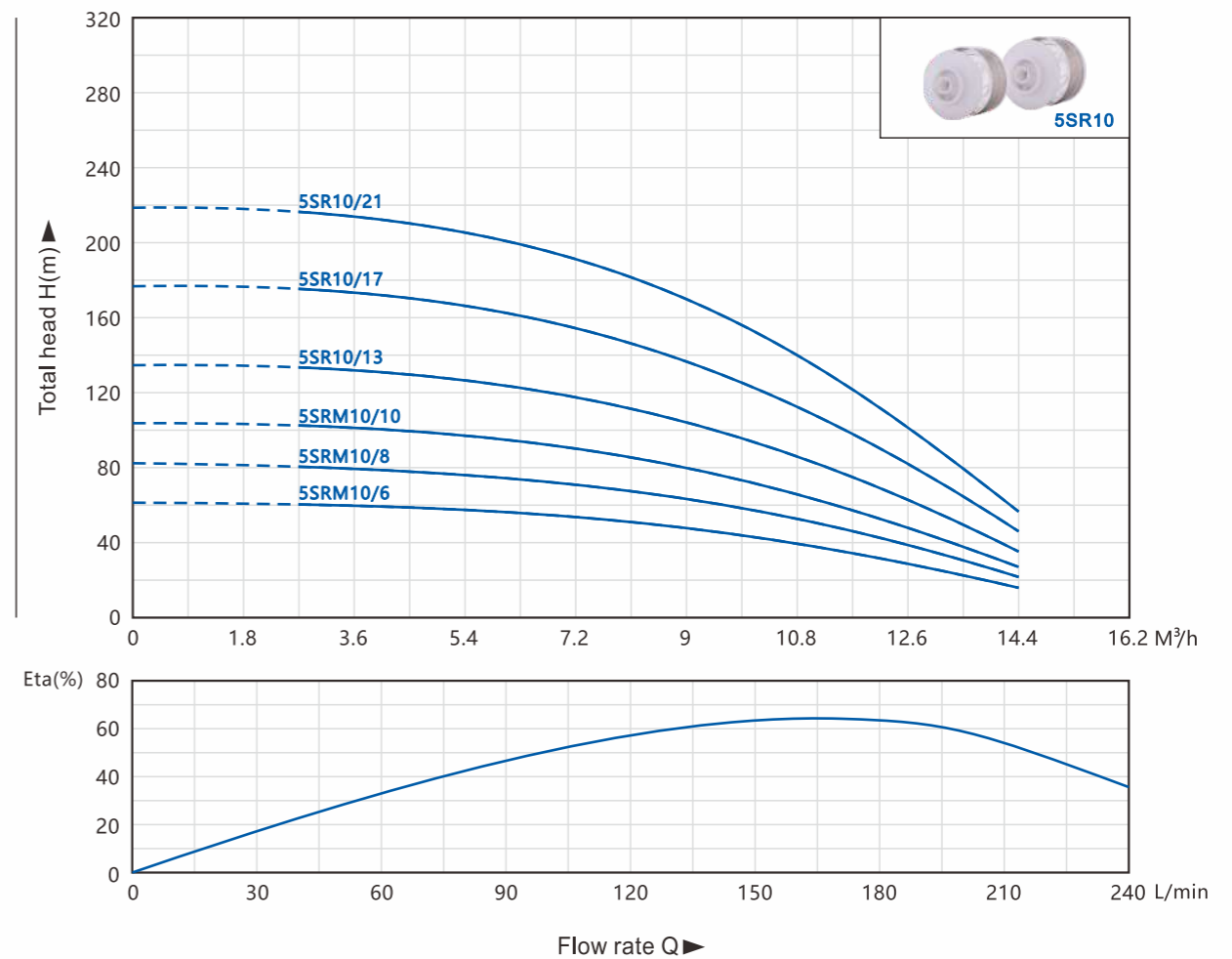
Special mechanical seal
 Single phase motor with built-in capacitor
 Single phase motor with control box
 The length of cable: 2 Meter
 Outlet dimension : 2", 2½"



5SRM

Components	Material
Pump body	Stainless steel
Motor bracket	Stainless steel
Motor shaft	AISI304 SS
Pump shaft	Stainless steel
Impeller	POM
Diffuser	Stainless steel+PC
Bearing	C&U, NSK if request
Mechanical seal	Ceramic /Graphite, SIC/Graphite or Alloy Graphite if request
Coupling and outlet	Cast iron, Stainless steel if request
Shaft coupling	AISI304 SS
Oil chamber	Cast iron, Stainless steel if request

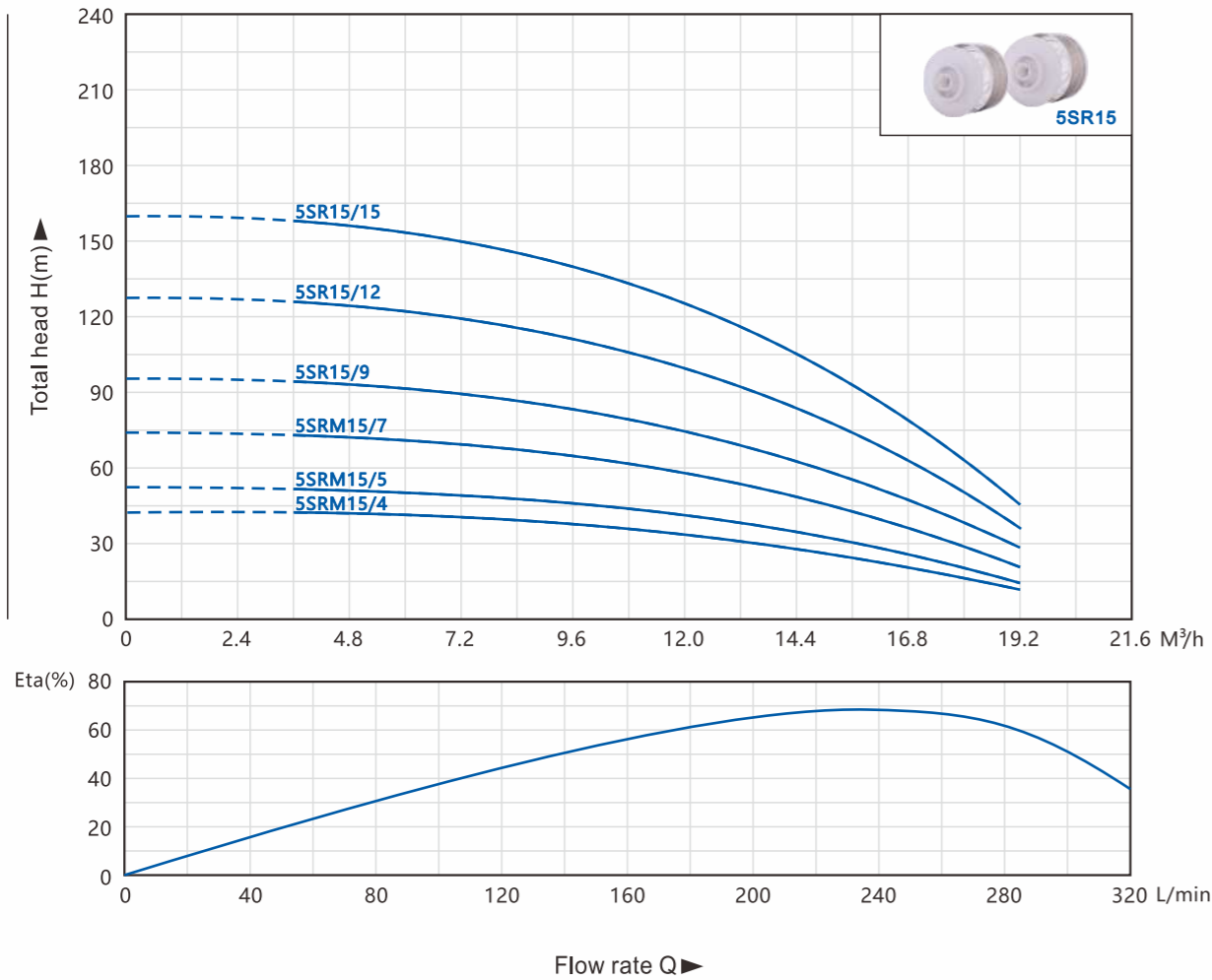
PERFORMANCE CHART AT N=2850RPM



PERFORMANCE DATA 50Hz

Model		Power		Capacity & Head n=2850r.p.m																		
1~ 220V-240V	3~ 380V-415V	kW	HP	Q(M³/h)		H(m)																
				0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4										
5SRM10/6	5SR10/6	1.5	2	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	0	30	60	90	120	150	180	210	240	
				64	63	62	59	55	49	40	29	16										
				85	84	83	79	73	65	53	39	22										
				106	105	103	99	91	81	67	48	27										
				138	137	134	128	119	105	87	63	35										
				180	179	175	168	155	138	114	82	46										
				222	221	217	207	192	170	140	101	57										

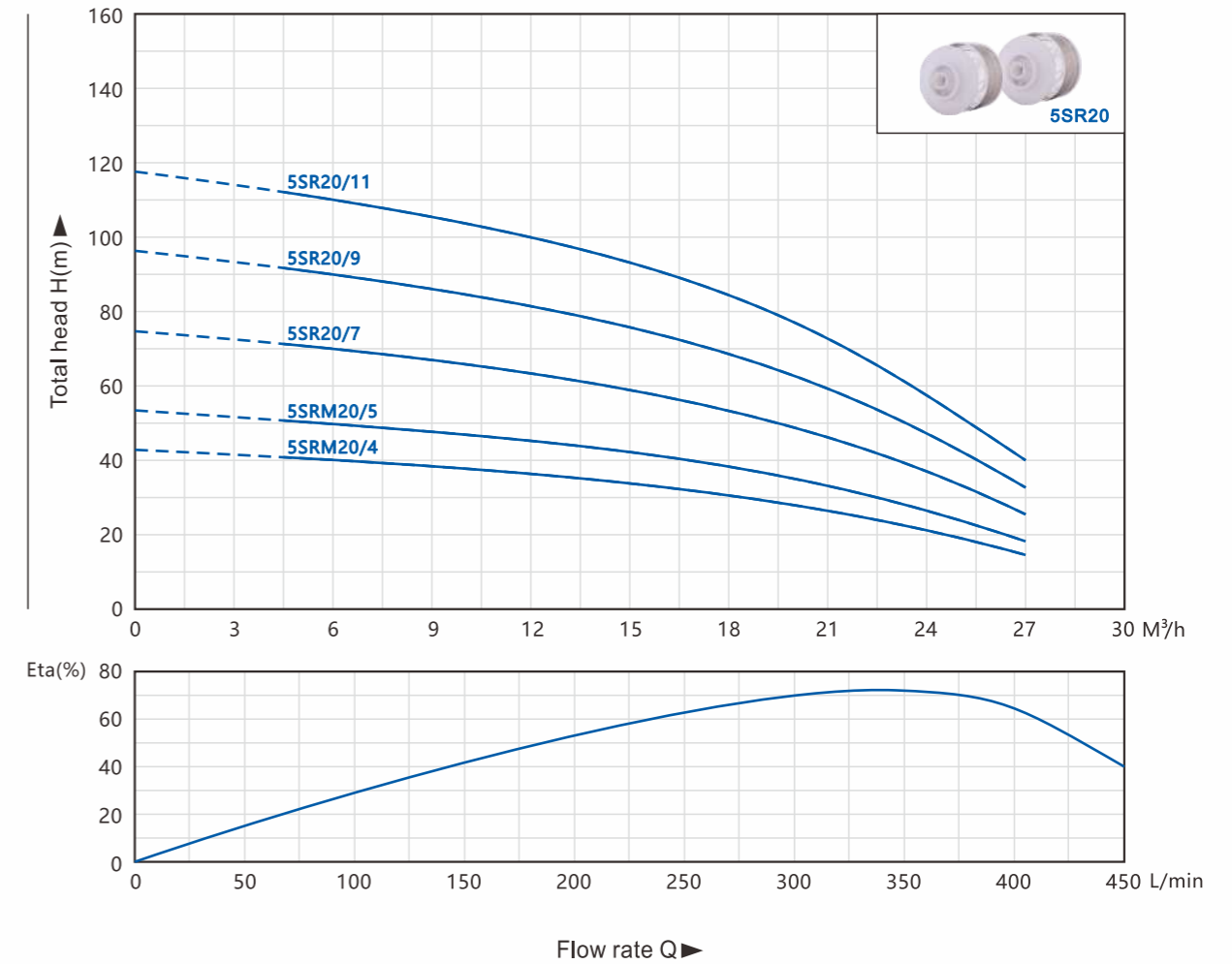
PERFORMANCE CHART AT N=2850RPM



PERFORMANCE DATA 50Hz

Model		Power		Capacity & Head									
1~ 220V-240V	3~ 380V-415V	kW	HP	n=2850r.p.m									
				Q(M³/h)	0	2.4	4.8	7.2	9.6	12.0	14.4	16.8	19.2
5SRM15/4	5SR15/4	1.5	2	Q(L/min)	0	40	80	120	160	200	240	280	320
	5SRM15/5	2.2	3	H(m)	45	44	43	41	38	34	29	22	13
	5SRM15/7	3	4		56	55	54	51	48	43	36	27	17
	5SR15/9	4	5.5		78	77	75	72	67	60	50	38	23
	5SR15/12	5.5	7.5		100	99	97	92	86	77	65	49	30
	5SR15/15	7.5	10		133	131	129	123	115	103	86	65	40
					166	164	161	154	143	129	108	81	50

PERFORMANCE CHART AT N=2850RPM



PERFORMANCE DATA 50Hz

Model		Power		Capacity & Head										
1~ 220V-240V	3~ 380V-415V	kW	HP	n=2850r.p.m										
				Q(M³/h)	0	3	6	9	12	15	18	21	24	27
5SRM20/4	5SR20/4	2.2	3	Q(L/min)	0	50	100	150	200	250	300	350	400	450
	5SRM20/5	3	4	H(m)	43	41	40	38	36	34	31	26	21	14
	5SR20/7	4	5.5		53	52	50	48	45	43	39	33	26	18
	5SR20/9	5.5	7.5		75	72	70	67	64	60	54	46	37	25
					96	93	90	86	82	77	69	59	47	32
	5SR20/11	7.5	10		117	114	110	105	100	94	85	72	57	39

5SP

Application

For pumping clean water with sand content less than 150g/m³
 For well pumping, river pumping, farm irrigation, water supply, mining, draiaage in breeding industry.

Operating conditions

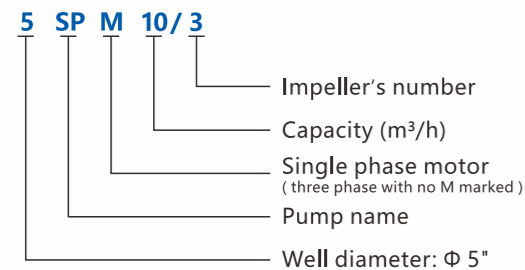
Water temperature up to 35°C
 Ambient temperature permissible up to 40°C
 5SPM Minimum internal diameter of well: 5"(130mm)
 Maximum sand content: 0.25%
 Maximum immersion depth: 80m

Motor

Rewindable motor
 Insulation **Class B**
 Protection **Ip68**
 NEMA dimension standards

Options on request

Special mechanical seal
 Single phase motor with built-in capacitor
 Single phase motor with control box
 The length of cable: 2 Meter
 Outlet dimension : 2½", 2"

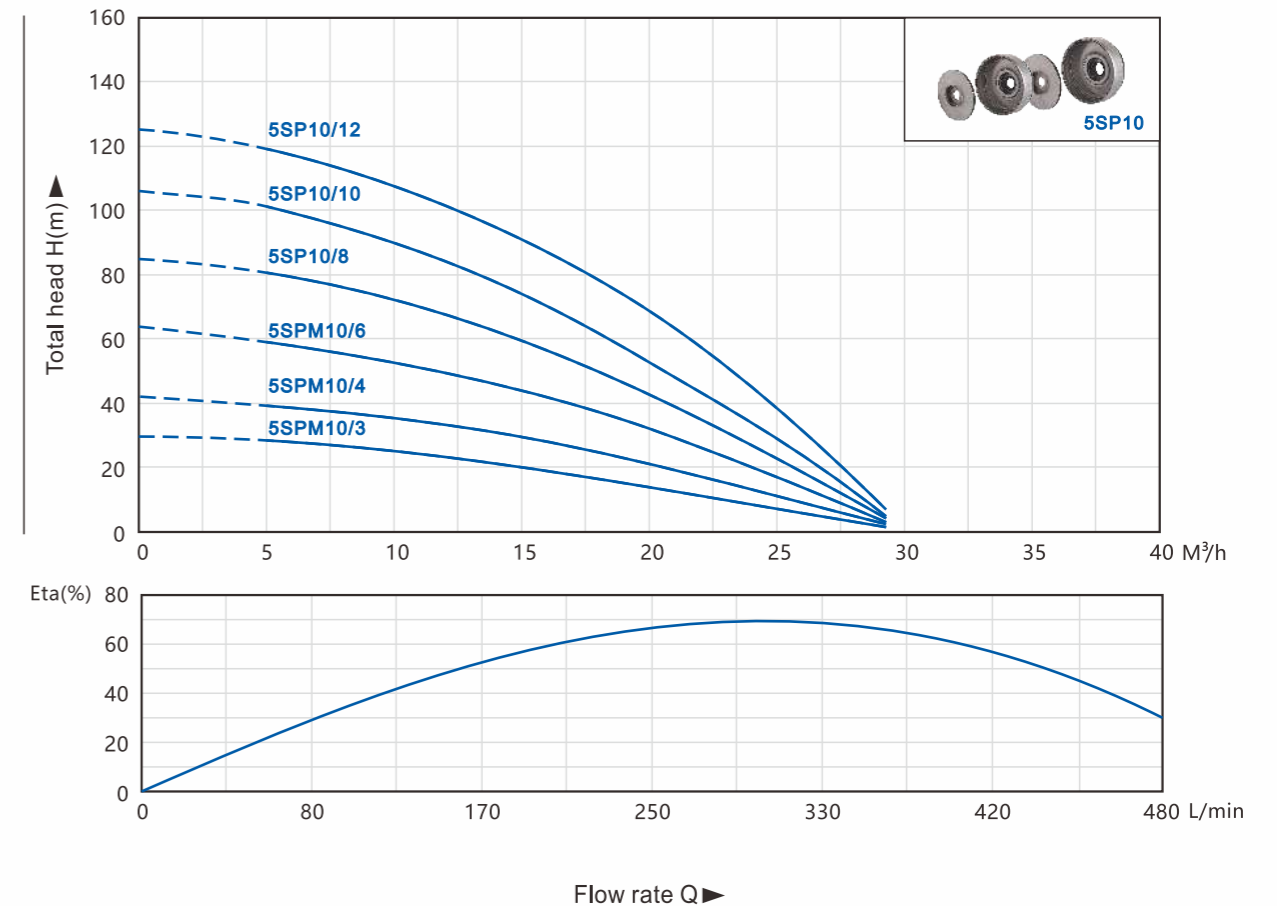


4-5SP

5SP

Components	Material
Pump body	AISI 304 SS
Motor bracket	Stainless steel
Motor shaft	AISI304 SS
Pump shaft	AISI304 SS
Impeller	AISI304 SS
Diffuser	AISI304 SS
Bearing	C&U, NSK if request
Mechanical seal	Ceramic /Graphite, SIC/Graphite or Alloy Graphite if request
Coupling and outlet	AISI304 SS
Shaft coupling	AISI304 SS
Oil chamber	Cast iron, AISI304 SS if request

PERFORMANCE CHART AT N=2850RPM

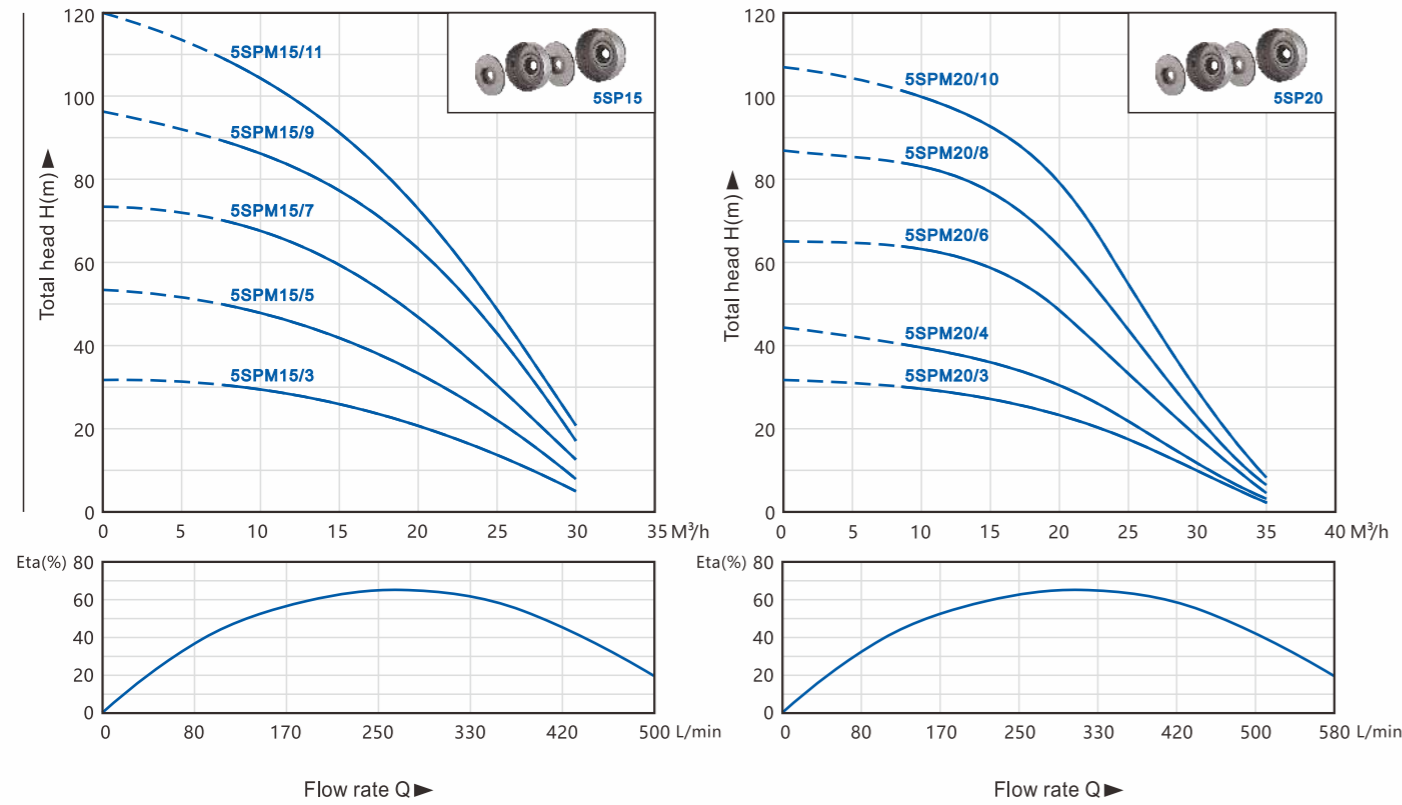


PERFORMANCE DATA 50Hz

Model		Power		Capacity & Head							
1~220V-240V	3~380V-415V	kW	HP	n=2850r.p.m							
				Q(M³/h)	0	5	10	15	20	25	29
				Q(L/min)	0	80	170	250	330	420	480
5SPM10/3	5SP10/3	1.5	0	H(m)	32	30	27	23	17	8	2
5SPM10/4	5SP10/4	2.2	0		42	41	36	30	22	11	3
5SPM10/6	5SP10/6	3	0		63	62	54	45	33	16	4
	5SP10/8	4	0		85	83	72	60	45	21	5
	5SP10/10	5.5	0		106	101	90	76	56	27	6
	5SP10/12	7.5	0		127	122	108	91	67	32	7

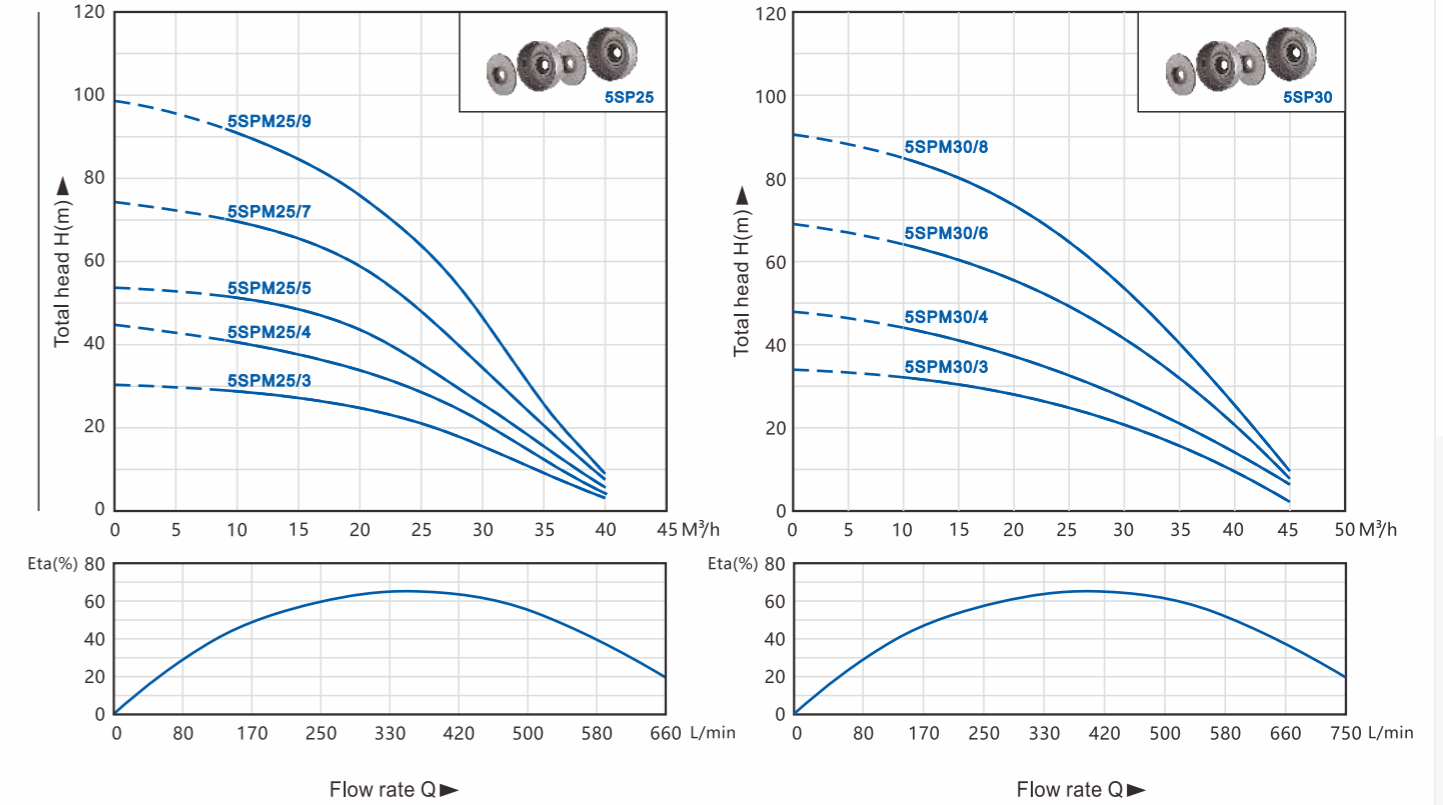
PERFORMANCE CHART AT N=2850RPM

PERFORMANCE CHART AT N=2850RPM



PERFORMANCE CHART AT N=2850RPM

PERFORMANCE CHART AT N=2850RPM



PERFORMANCE DATA 50Hz

Model		Power		Capacity & Head							n=2850r.p.m	
1~ 220V-240V	3~ 380V-415V	kW	HP	Q(M³/h)	0	5	10	15	20	25	30	
				Q(L/min)	0	80	170	250	330	420	500	
5SPM15/3	5SP15/3	2.2	0	H(m)	33	31	28	25	20	13	6	
5SPM15/5	5SP15/5	3	0		54	51	47	42	34	22	9	
	5SP15/7	4	0		76	72	66	59	48	31	13	
	5SP15/9	5.5	0		98	92	85	76	62	39	17	
	5SP15/11	7.5	0		120	113	104	93	76	48	21	

Model		Power		Capacity & Head							n=2850r.p.m	
1~ 220V-240V	3~ 380V-415V	kW	HP	Q(M³/h)	0	5	10	15	20	25	30	35
				Q(L/min)	0	80	170	250	330	420	500	580
5SPM20/3	5SP20/3	2.2	0	H(m)	33	31	30	27	24	16	9	2
5SPM20/4	5SP20/4	3	0		43	42	40	36	32	22	12	3
	5SP20/6	4	0		65	63	60	55	48	33	18	5
	5SP20/8	5.5	0		87	84	80	73	64	44	24	7
	5SP20/10	7.5	0		109	105	100	92	80	55	30	9

PERFORMANCE DATA 50Hz

Model		Power		Capacity & Head										n=2850r.p.m	
1~ 220V-240V	3~ 380V-415V	kW	HP	Q(M³/h)	0	5	10	15	20	25	30	35	40		
				Q(L/min)	0	80	170	250	330	420	500	580	660		
5SPM25/3	5SP25/3	2.2	0	H(m)	33	31	30	28	25	21	16	8	3		
5SPM25/4	5SP25/4	3	0		44	42	40	38	34	29	21	10	4		
	5SP25/5	4	0		55	53	50	47	43	36	27	13	5		
	5SP25/7	5.5	0		77	74	70	66	60	51	37	18	7		
	5SP25/9	7.5	0		99	95	90	85	77	65	48	24	9		

Model		Power		Capacity & Head										n=2850r.p.m	
1~ 220V-240V	3~ 380V-415V	kW	HP	Q(M³/h)	0	5	10	15	20	25	30	35	40	45	
				Q(L/min)	0	80	170	250	330	420	500	580	660	750	
5SPM30/3	5SP30/3	3	0	H(m)	35	33	31	30	28	25	21	15	8	3	
	5SP30/4	4	0		46	44	42	40	38	34	28	20	10	5	
	5SP30/6	5.5	0		70	67	63	60	57	51	42	31	15	7	
	5SP30/8	7.5	0		93	89	84	80	76	68	56	41	21	9	

6SR

Application

For pumping clean water with sand content less than 150g/m³
 For well pumping, river pumping, farm irrigation, water supply, mining, draiaage in breeding industry.

Operating conditions

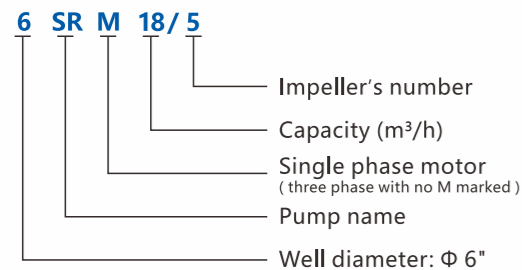
Water temperature up to 35°C
 Ambient temperature permissible up to 40°C
 6SR Minimum internal diameter of well: 6"(150mm)
 Maximum sand content: 0.25%
 Maximum immersion depth: 80m

Motor

Rewindable motor
 Insulation **Class B**
 Protection **Ip68**
 NEMA dimension standards

Options on request

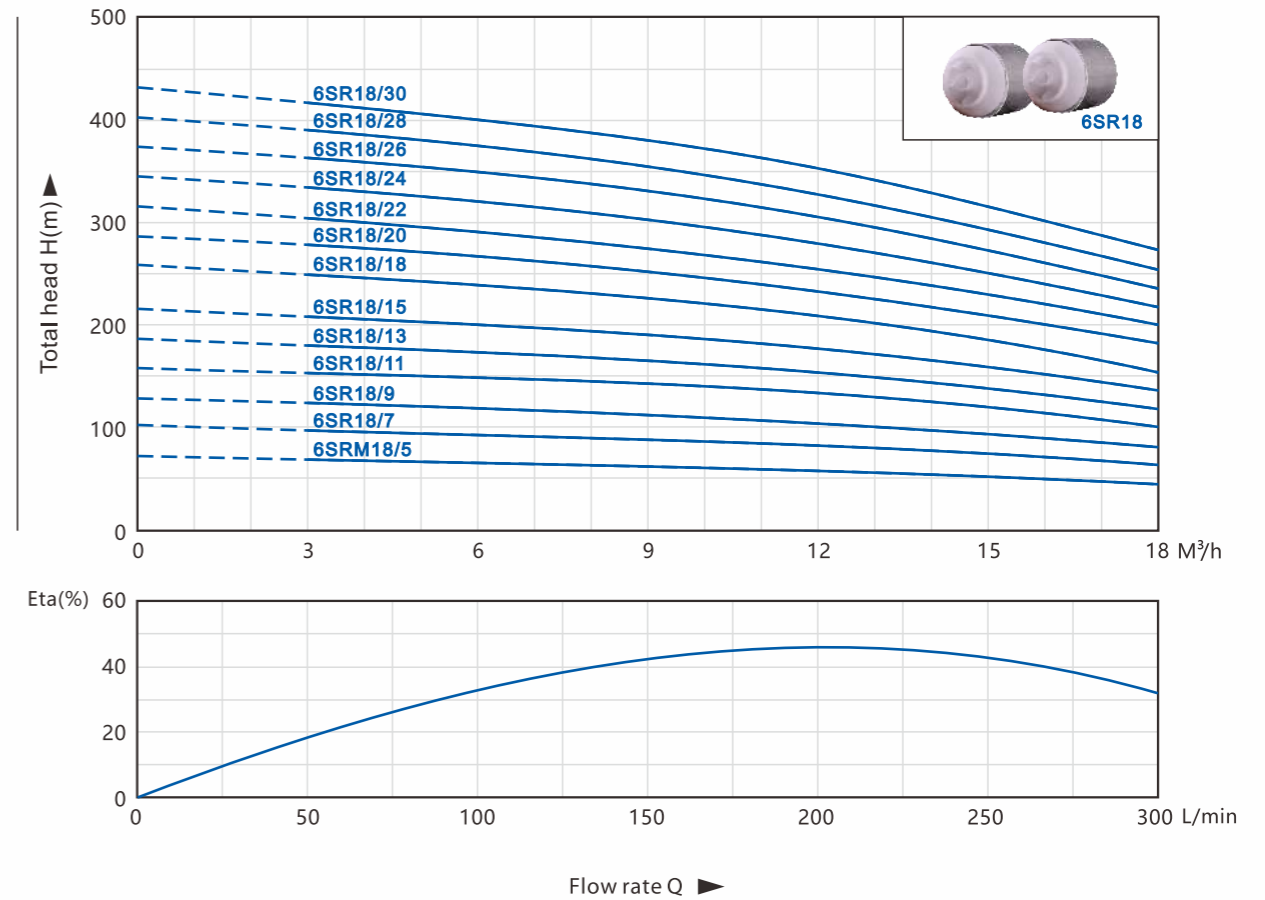
Special mechanical seal
 Single phase motor with built-in capacitor
 Single phase motor with control box
 The length of cable: 2 Meter
 Outlet dimension : 3"



6SR

Components	Material
Pump body	Stainless steel
Motor bracket	Stainless steel
Motor shaft	AISI304 SS
Pump shaft	Stainless steel
Impeller	POM
Diffuser	Stainless steel+PC
Bearing	C&U, NSK if request
Mechanical seal	Ceramic /Graphite, SIC/Graphite or Alloy Graphite if request
Coupling and outlet	Cast iron, Stainless steel if request
Shaft coupling	AISI304 SS
Oil chamber	Cast iron, Stainless steel if request

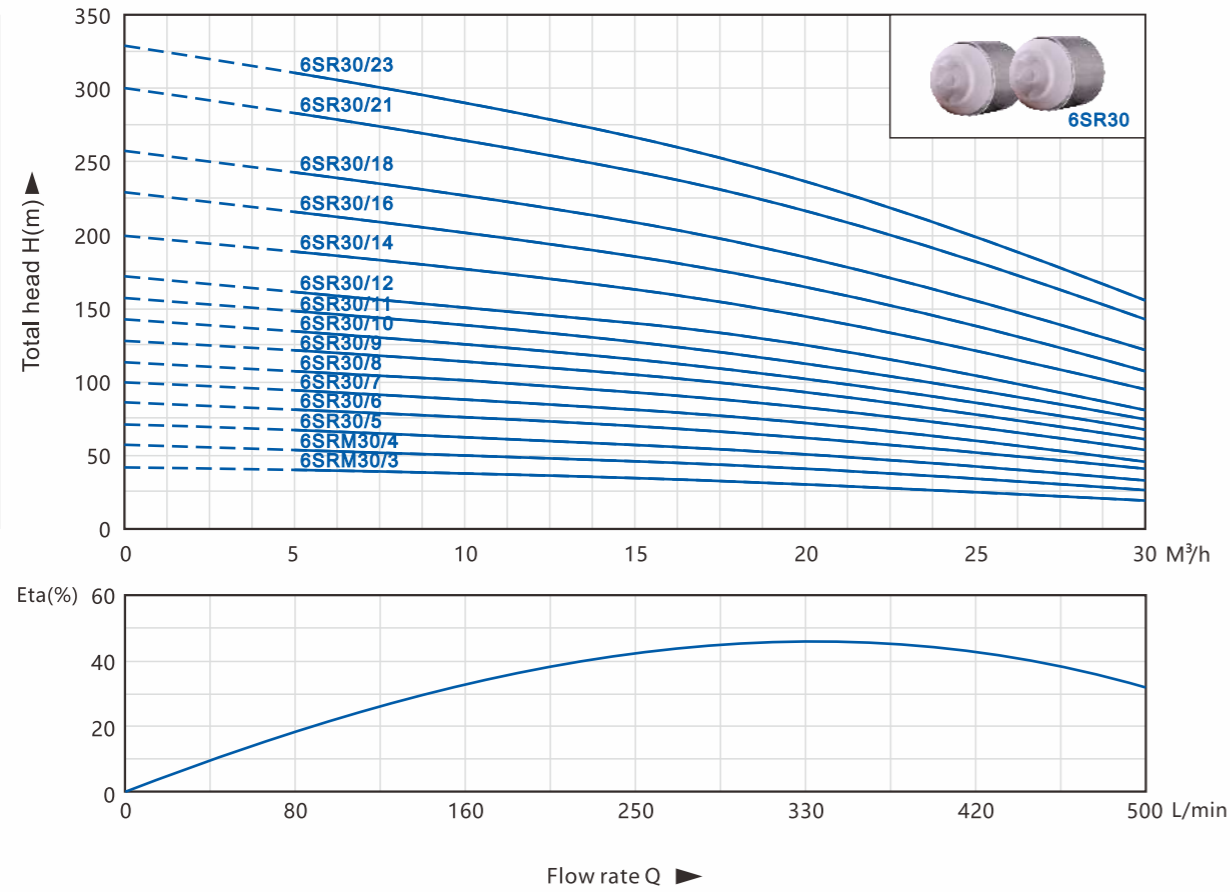
PERFORMANCE CHART AT N=2850RPM



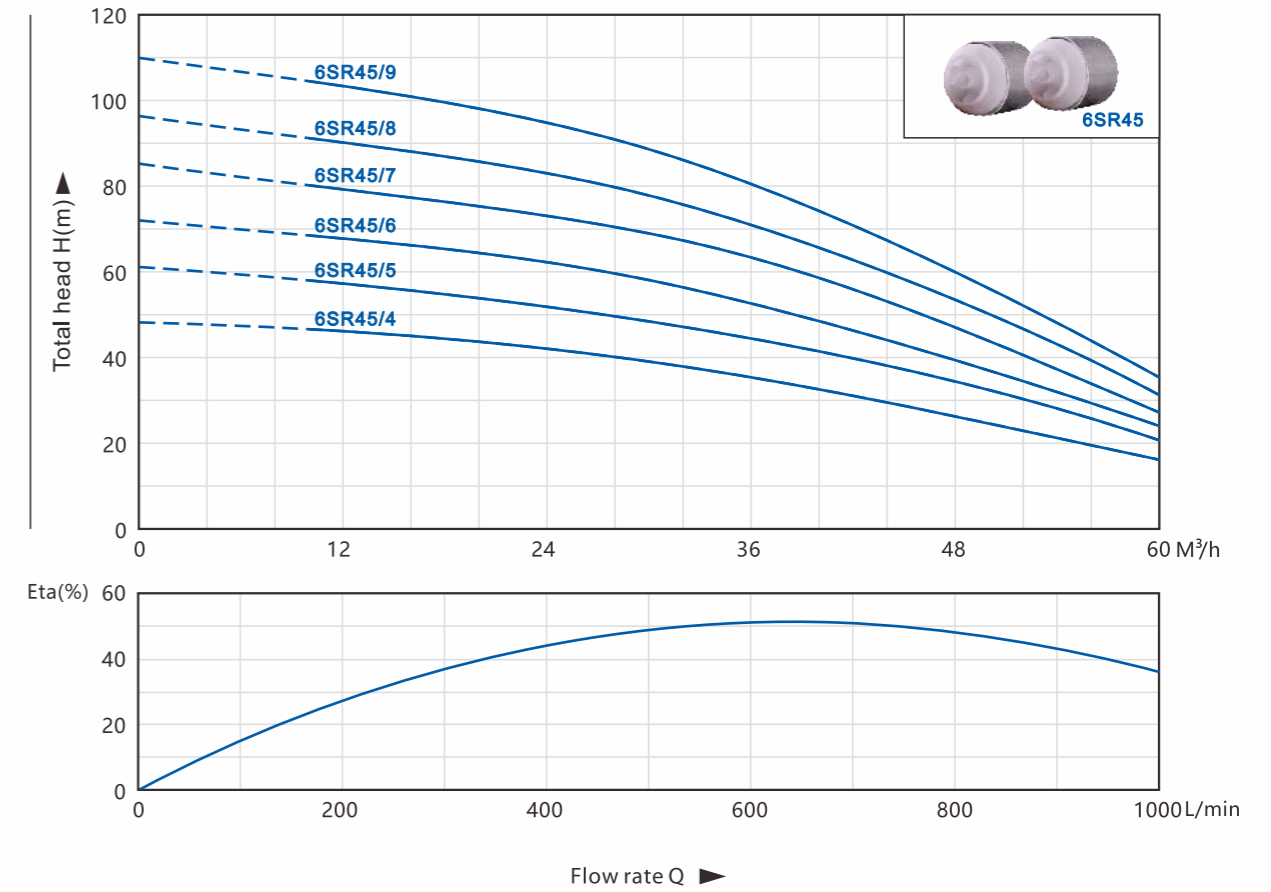
PERFORMANCE DATA 50Hz

Model		Power		Capacity & Head n=2850 r.p.m							
1~ 220V-240V	3~ 380V-415V	kW	HP	Q(M³/h)	0	3	6	9	12	15	18
				Q(L/min)	0	50	100	150	200	250	300
6SRM18/5	6SR18/5	4	5.5	H(m)	72	69	67	64	59	53	45
	6SR18/7	5.5	7.5		101	97	94	89	83	74	64
	6SR18/9	7.5	10		129	124	120	114	106	95	82
	6SR18/11	9.2	12.5		158	152	147	140	130	116	100
	6SR18/13	11	15		187	179	174	165	153	137	118
	6SR18/15	13	17.5		216	207	201	191	177	158	136
	6SR18/18	15	20		259	248	241	229	212	190	164
	6SR18/20	18.5	25		287	276	267	254	236	211	182
	6SR18/22	18.5	25		316	304	294	280	260	232	200
	6SR18/24	22	30		345	331	321	305	283	253	218
	6SR18/26	22	30		374	359	348	331	307	274	236
	6SR18/28	26	35		402	386	374	356	330	295	254
	6SR18/30	26	35	431	414	401	381	354	316	273	

PERFORMANCE CHART AT N=2850RPM



PERFORMANCE CHART AT N=2850RPM



PERFORMANCE DATA 50Hz

Model		Power		Capacity & Head n=2850 r.p.m							
1~ 220V-240V	3~ 380V-415V	kW	HP	Q(M³/h)	0	5	10	15	20	25	30
				Q(L/min)	0	83	167	250	333	417	500
6SRM30/3	6SR30/3	4	5.5	H(m)	43	41	38	35	31	26	20
6SRM30/4	6SR30/4	5.5	7.5		57	54	50	47	42	35	27
	6SR30/5	5.5	7.5		71	68	63	58	52	44	34
	6SR30/6	7.5	10		86	81	76	70	62	52	41
	6SR30/7	7.5	10		100	95	88	81	73	61	47
	6SR30/8	9.2	12.5		114	108	101	93	83	70	54
	6SR30/9	9.2	12.5		129	122	113	105	94	79	61
	6SR30/10	11	15		143	135	126	116	104	87	68
	6SR30/11	11	15		157	149	139	128	114	96	75
	6SR30/12	13	17.5		172	162	151	140	125	105	81
	6SR30/14	15	20		200	189	176	163	146	122	95
	6SR30/16	18.5	25		229	216	201	186	167	140	108
	6SR30/18	18.5	25		257	243	227	209	187	157	122
	6SR30/21	22	30	300	284	264	244	219	184	142	
	6SR30/23	26	35	329	311	290	267	239	201	156	

PERFORMANCE DATA 50Hz

Model	Power		Capacity & Head n=2850 r.p.m							
	kW	HP	M³/h	0	12	24	36	48	60	
3~ 380V-415V			Q(L/min)	0	200	400	600	800	1000	
			H(m)	6SR45/4	48	45	42	36	28	15
				6SR45/5	61	57	52	45	36	20
				6SR45/6	72	68	62	52	43	23
				6SR45/7	85	80	73	63	52	27
				6SR45/8	96	90	83	71	58	31
6SR45/9	110	103		95	80	65	35			

6SP

Application

For pumping clean water with sand content less than 150g/m³
 For well pumping, river pumping, farm irrigation, water supply, mining, draiaage in breeding industry.

Operating conditions

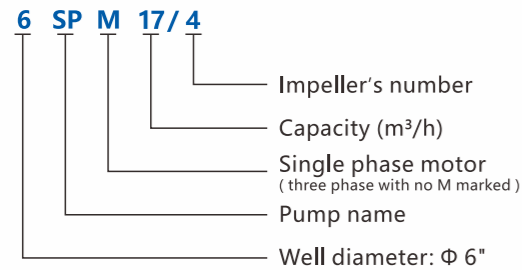
Water temperature up to 35°C
 Ambient temperature permissible up to 40°C
 6SP Minimum internal diameter of well: 6"(150mm)
 Maximum sand content: 0.25%
 Maximum immersion depth: 80m

Motor

Rewindable motor
 Insulation **Class B**
 Protection **Ip68**
 NEMA dimension standards

Options on request

Special mechanical seal
 Single phase motor with built-in capacitor
 Single phase motor with control box
 The length of cable: 2 Meter
 Outlet dimension : 2½", 3"



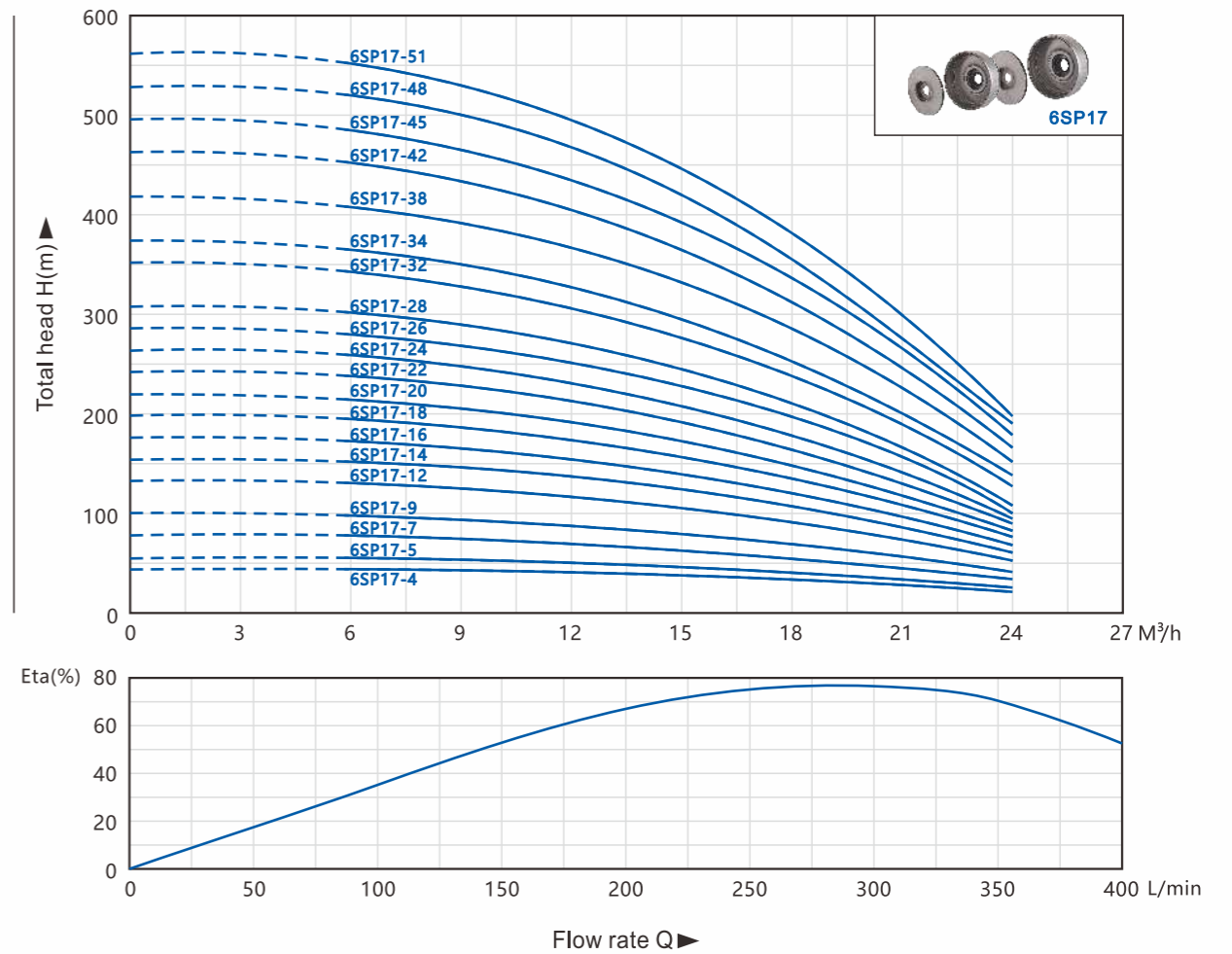
Components	Material
Pump body	AISI304 SS
Motor bracket	Stainless steel
Motor shaft	AISI304 SS
Pump shaft	AISI304 SS
Impeller	AISI304 SS
Diffuser	AISI304 SS
Bearing	C&U, NSK if request
Mechanical seal	Ceramic /Graphite, SIC/Graphite or Alloy Graphite if request
Coupling and outlet	AISI304 SS
Shaft coupling	AISI304 SS
Oil chamber	Cast iron, AISI304 SS if request



4-6SP

6SP

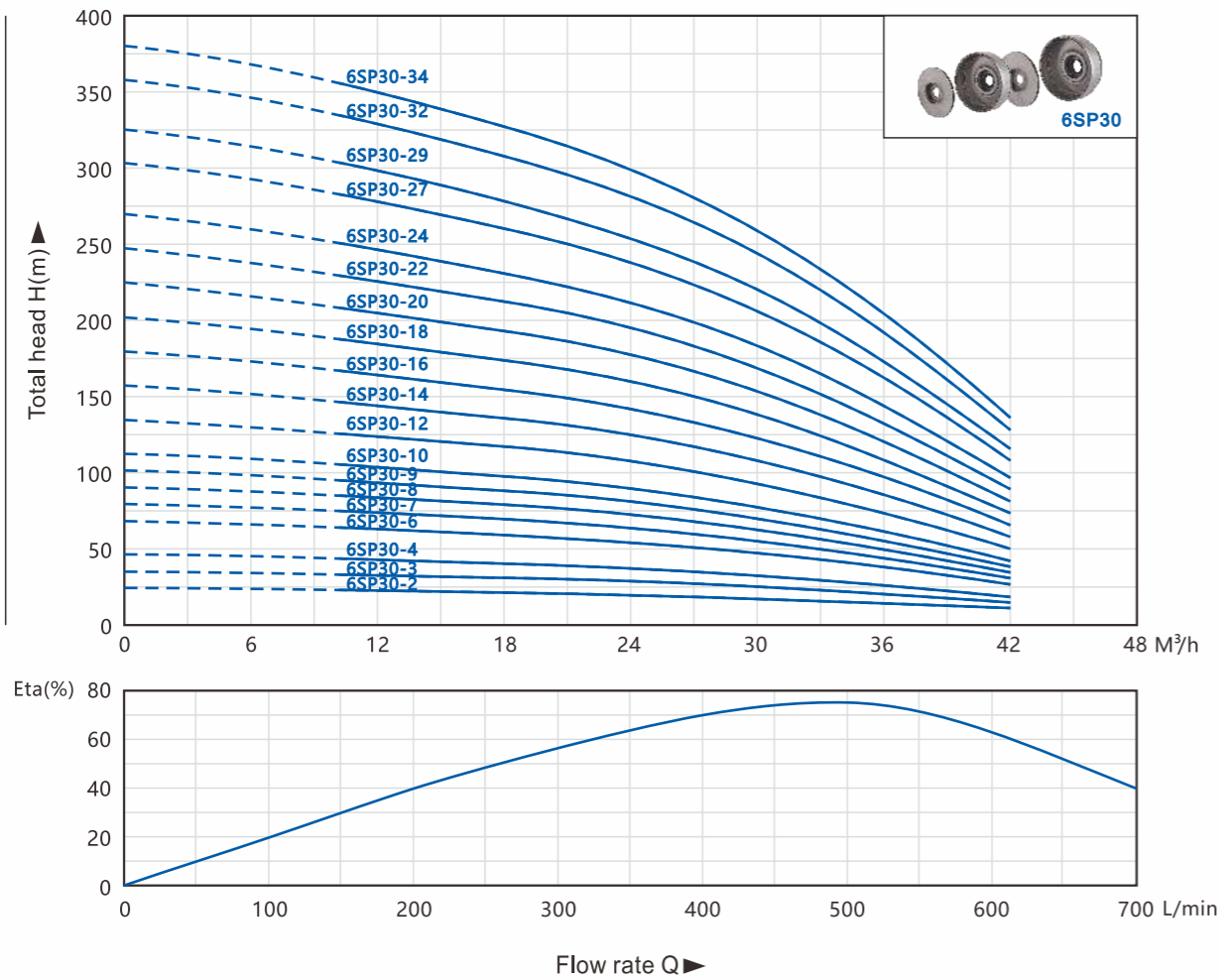
PERFORMANCE CHART AT N=2850RPM



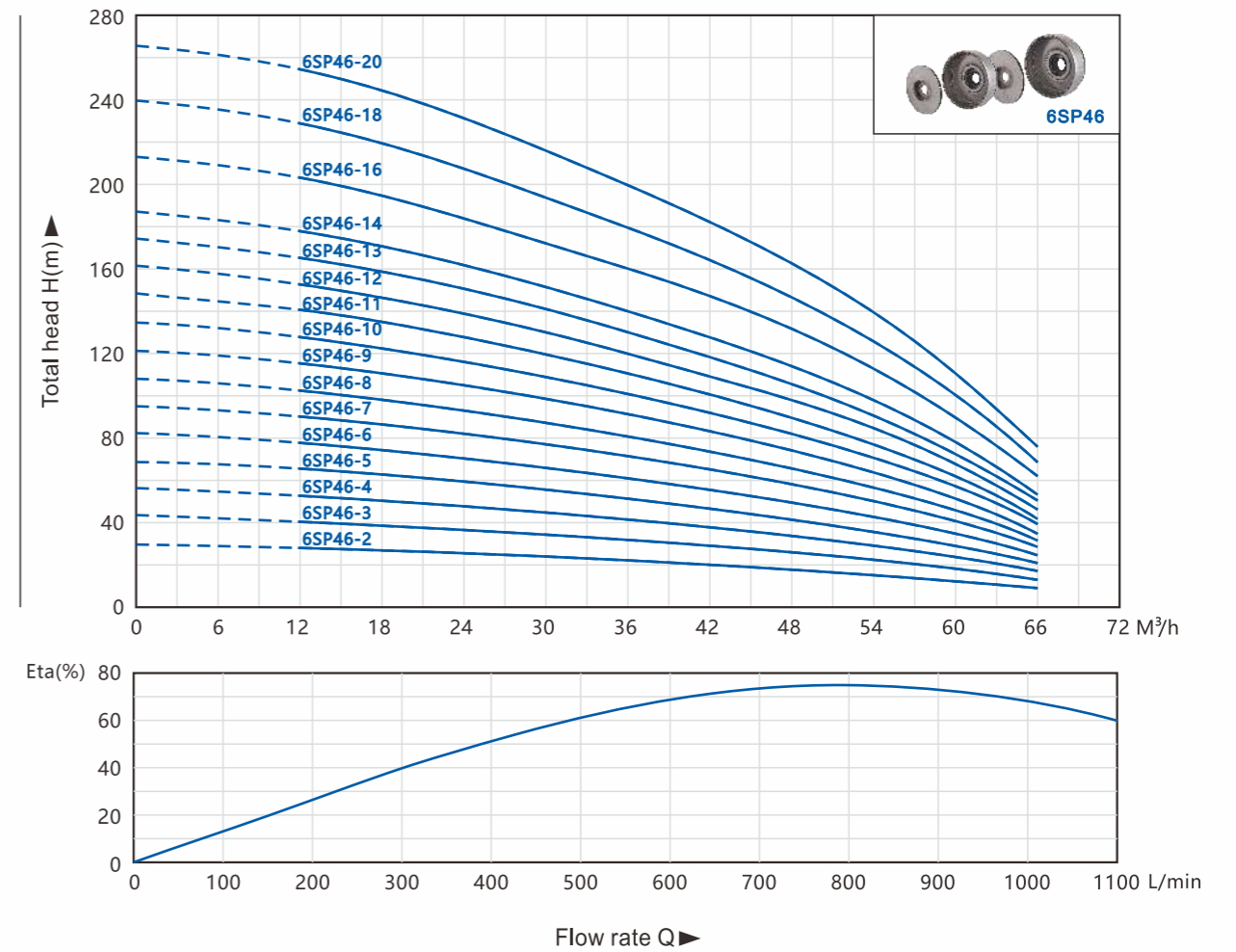
PERFORMANCE DATA 50Hz

Model		Power		Capacity & Head											
1~ 220V-240V	3~ 380V-415V	kW	HP	n=2850 r.p.m											
				Q(M³/h)	0	3	6	9	12	15	18	21	24		
6SPM17-4	6SP17-4	2.2	3	Q(L/min)	0	50	100	150	200	250	300	350	400		
6SPM17-5	6SP17-5	3	4	H(m)	44	44	43	42	39	35	30	23	15		
6SPM17-7	6SP17-7	4	5.5		55	55	54	52	49	44	37	29	19		
6SPM17-9	6SP17-9	5.5	7.5		77	77	75	73	68	61	52	40	27		
	6SP17-12	7.5	10		99	99	97	94	88	79	67	52	35		
	6SP17-14	9.2	12.5		132	132	129	125	117	105	90	69	46		
	6SP17-16	9.2	12.5		154	153	151	146	136	122	105	81	54		
	6SP17-18	11	15		176	175	172	167	156	140	120	92	61		
	6SP17-20	11	15		198	197	194	188	175	157	134	104	69		
	6SP17-22	13	17.5		220	219	215	209	195	175	149	115	77		
	6SP17-24	13	17.5		242	241	237	229	214	192	164	127	85		
	6SP17-26	15	20		264	263	258	250	233	209	179	138	92		
	6SP17-28	18.5	25		286	285	280	271	253	227	194	150	100		
	6SP17-32	18.5	25		308	307	301	292	272	244	209	161	108		
	6SP17-34	22	30		352	351	344	334	311	279	239	184	123		
	6SP17-38	22	30		374	373	366	355	331	297	254	196	131		
	6SP17-42	26	35		418	417	409	396	370	332	284	219	146		
	6SP17-45	26	35		462	460	452	438	408	366	314	242	161		
	6SP17-48	30	40		495	493	484	469	438	393	336	259	173		
	6SP17-51	30	40		528	526	517	501	467	419	359	277	184		
					561	559	549	532	496	445	381	294	196		

PERFORMANCE CHART AT N=2850RPM



PERFORMANCE CHART AT N=2850RPM



PERFORMANCE DATA 50Hz

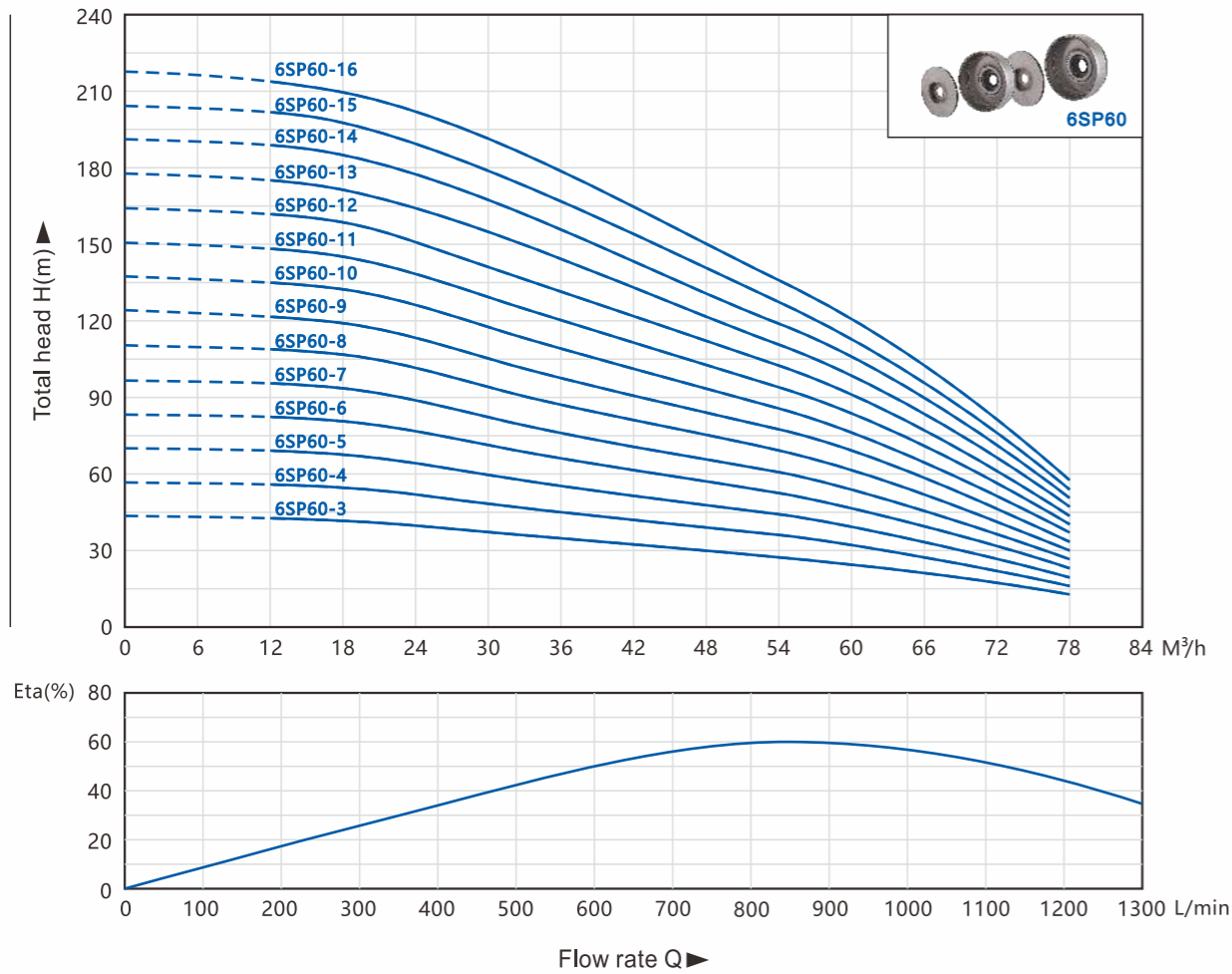
Model		Power		Capacity & Head n=2850 r.p.m								
1~ 220V-240V	3~ 380V-415V	kW	HP	Q(M³/h)	0	6	12	18	24	30	36	42
				Q(L/min)	0	100	200	300	400	500	600	700
6SPM30-2	6SP30-2	2.2	3	H(m)	23	22	21	20	18	16	12	8
6SPM30-3	6SP30-3	3	4		34	33	32	30	28	24	19	12
6SPM30-4	6SP30-4	4	5.5		46	44	42	40	37	32	25	16
6SPM30-6	6SP30-6	5.5	7.5		69	66	63	60	55	47	37	24
	6SP30-7	7.5	10		80	77	74	70	64	55	43	28
	6SP30-8	7.5	10		92	89	85	80	74	63	50	33
	6SP30-9	9.2	12.5		103	100	95	89	83	71	56	37
	6SP30-10	9.2	12.5		114	111	106	99	92	79	62	41
	6SP30-12	11	15		137	133	127	119	110	95	74	49
	6SP30-14	13	17.5		160	155	148	139	129	110	87	57
	6SP30-16	15	20		183	177	169	159	147	126	99	65
	6SP30-18	18.5	25		206	199	190	179	165	142	111	73
	6SP30-20	18.5	25		229	221	211	199	184	158	124	81
	6SP30-22	22	30		252	243	232	219	202	173	136	89
	6SP30-24	22	30		275	266	254	239	221	189	149	98
	6SP30-27	26	35		309	299	285	268	248	213	167	110
	6SP30-29	26	35		332	321	306	288	266	228	179	118
	6SP30-32	30	40	366	354	338	318	294	252	198	130	
	6SP30-34	30	40	389	376	359	338	312	268	210	138	

PERFORMANCE DATA 50Hz

Model		Power		Capacity & Head n=2850 r.p.m													
1~ 220V-240V	3~ 380V-415V	kW	HP	Q(M³/h)	0	6	12	18	24	30	36	42	48	54	60	66	
				Q(L/min)	0	100	200	300	400	500	600	700	800	900	1000	1100	
6SPM46-2	6SP46-2	3	4	H(m)	27	26	26	25	23	22	20	18	16	14	11	7	
6SPM46-3	6SP46-3	5.5	7.5		40	39	38	37	35	32	30	27	24	21	16	11	
	6SP46-4	7.5	10		54	52	51	49	46	43	40	36	32	28	22	14	
	6SP46-5	7.5	10		67	66	64	62	58	54	50	46	41	35	27	18	
	6SP46-6	9.2	12.5		80	79	77	74	70	65	60	55	49	41	32	22	
	6SP46-7	11	15		94	92	90	86	81	76	70	64	57	48	38	25	
	6SP46-8	13	17.5		107	105	102	98	93	86	80	73	65	55	43	29	
	6SP46-9	15	20		121	118	115	111	104	97	90	82	73	62	49	32	
	6SP46-10	15	20		134	131	128	123	116	108	100	91	81	69	54	36	
	6SP46-11	18.5	25		147	144	141	135	128	119	110	100	89	76	59	40	
	6SP46-12	18.5	25		161	157	154	148	139	130	120	109	97	83	65	43	
	6SP46-13	22	30		174	170	166	160	151	140	130	118	105	90	70	47	
	6SP46-14	22	30		188	183	179	172	162	151	140	127	113	97	76	50	
	6SP46-16	26	35		214	210	205	197	186	173	160	146	130	110	86	58	
	6SP46-18	30	40		241	236	230	221	209	194	180	164	146	124	97	65	
	6SP46-20	30	40		268	262	256	246	232	216	200	182	162	138	108	72	

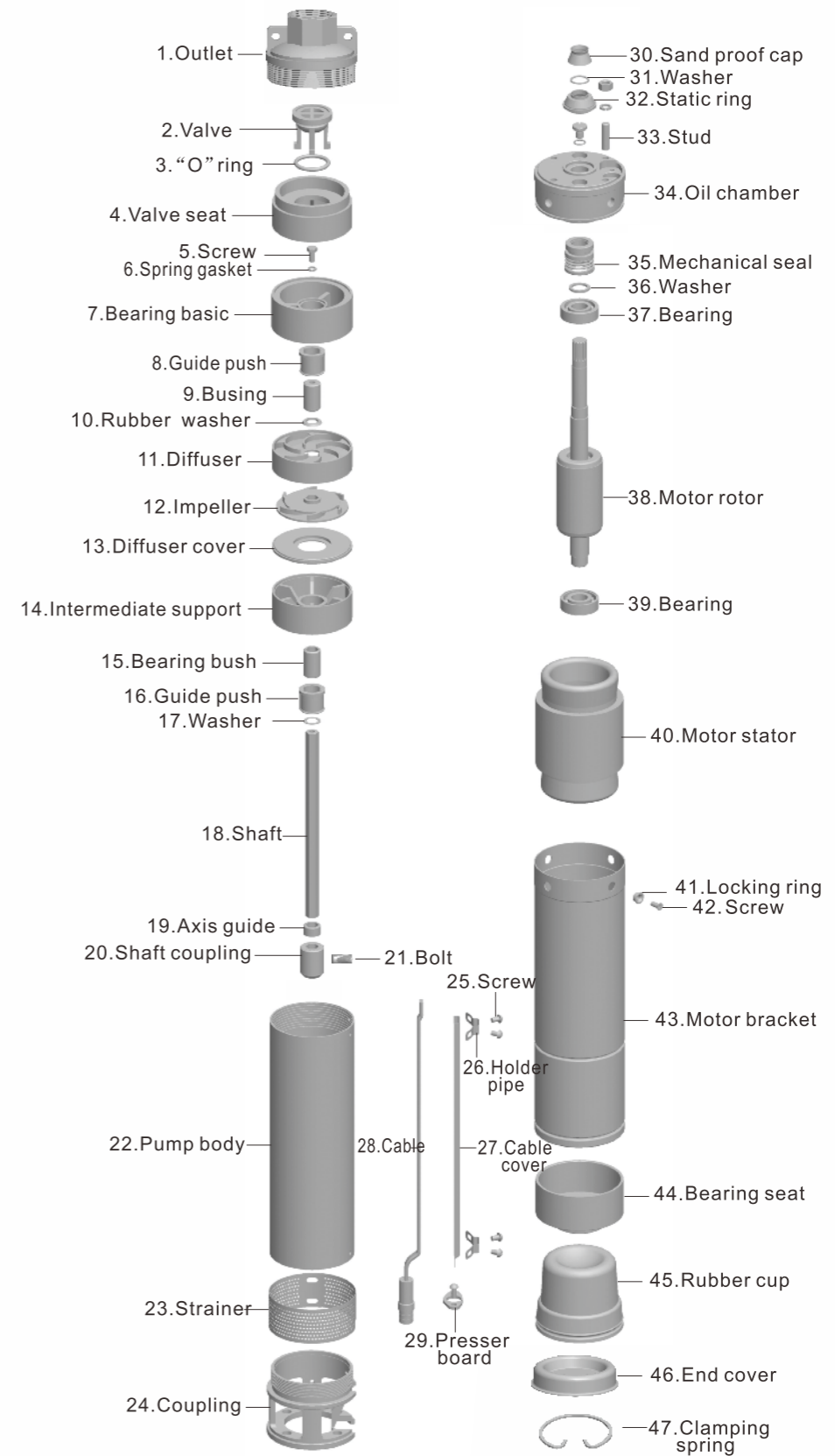
EXPLODE DRAWING

PERFORMANCE CHART AT N=2850RPM



PERFORMANCE DATA 50Hz

Model		Power		Capacity & Head													
1~ 220V-240V	3~ 380V-415V	kW	HP	n=2850 r.p.m													
				Q(M³/h)		0	6	12	18	24	30	36	42	48	54	60	66
				Q(L/min)													
				0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300
6SPM60-3	6SP60-3	5.5	7.5	42	42	42	41	39	36	33	31	29	26	23	20	16	11
	6SP60-4	7.5	10	56	56	56	55	52	48	44	41	38	35	31	26	21	15
	6SP60-5	9.2	12.5	70	70	69	68	65	60	55	52	48	44	39	33	26	18
	6SP60-6	11	15	84	84	83	82	78	72	66	62	58	53	47	40	31	22
	6SP60-7	13	17.5	98	98	97	95	91	84	77	72	67	62	55	46	36	25
	6SP60-8	15	20	112	112	111	109	104	96	89	83	77	71	63	53	42	29
	6SP60-9	18.5	25	126	125	125	123	116	108	100	93	87	79	70	60	47	33
	6SP60-10	18.5	25	140	139	139	136	129	120	111	103	96	88	78	66	52	36
	6SP60-11	22	30	154	153	153	150	142	132	122	113	106	97	86	73	57	40
	6SP60-12	22	30	168	167	167	164	155	144	133	124	116	106	94	80	62	44
	6SP60-13	26	35	182	181	180	177	168	156	144	134	125	115	102	86	67	47
	6SP60-14	26	35	196	195	194	191	181	168	155	144	135	123	109	93	73	51
	6SP60-15	30	40	210	209	208	204	194	180	166	155	144	132	117	99	78	54
	6SP60-16	30	40	224	223	222	218	207	192	177	165	154	141	125	106	83	58



ACCESSORIES



3SD Outlet



3SD Coupling



3SD Oil chamber



4SD Outlet G1.25



4SD Outlet G1.5



4SD Outlet G2



4SD Coupling



4SD Oil chamber



4SD Outlet G1.5



4SKM Outlet G1



4SKM Coupling



4SKM Impeller



3SS Outlet G 1"



3SS Outlet G 1.25"



4SS Stainless Steel Outlet G 1.5"



4SD Cast iron 1.25"



3SS Stainless Suction support



4SS Stainless Steel Outlet G 2"



2QGS Outlet G 0.5"



3SD Cast iron 1"



4SS Outlet G 1.5"



4SP Outlet



4QGS Outlet G 1"



3SD Oil chamber



4SS Stainless Suction support



4SP Stainless Suction Support



4SS Stainless Suction support



4SS Outlet G 1.5"



4SP2 Diffuser



4SP2 Impeller



Control box (Single phase)



Control box (Single phase)

