



## DEEP WELL WATER PUMP

# 2021



# Yeschamp

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# ABOUT US

Yeschamp is a professional manufacturer and supplier of quality pumps and engines export to more than 60 countries with competitive price.

Our main products are centrifugal pumps, fire pumps and system, industrial pumps, domestic pumps, irrigation pumps and engines for pumps.

Yeschamp has its own factory 'Purity Pump' which has more than 10 years of pump and motor production experience. And Purity Pump has been nominated as Chinese National High-tech Enterprise. We have over 200 employees, 20 engineers, 50 technicians, 10 after-sale service workers, and 20 salesmen which can provide our customers with one-stop full service.

Yeschamp also has hundreds of cooperative factories and thousands of goods that can provide our clients with multiple choices, comparable prices, good service and best quality.

Yeschamp has experienced sales staff providing 24 Hours One-stop Service from quotation, order fulfillment to inspection, certification, freight, etc.

Yeschamp also has experienced QC and QA staff which ensure strict quality control and inspection.

Our target is to solve all the problems from our customers and make the best choice for them.

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## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 3"  
Maximum fluid temperature up to +35°C.  
Maximum sand content: 0.25%.  
Maximum immersion: 80m.

## Specifications

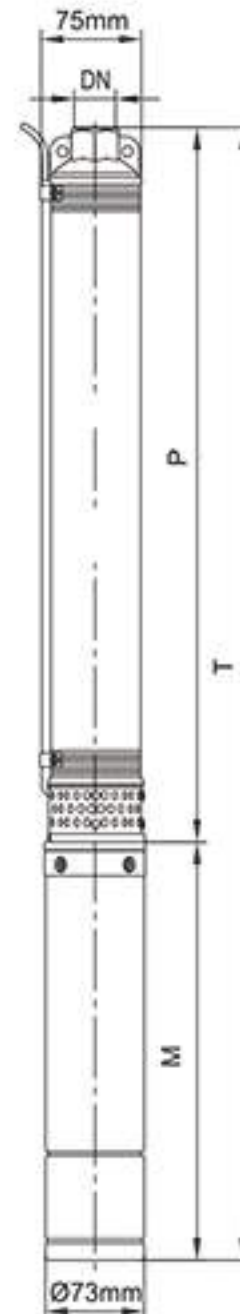
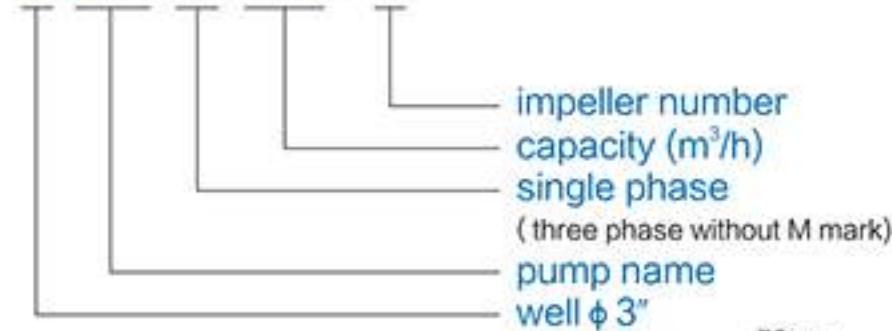
Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

## Options on request

Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz  
Single phase motor with built-in capacitor

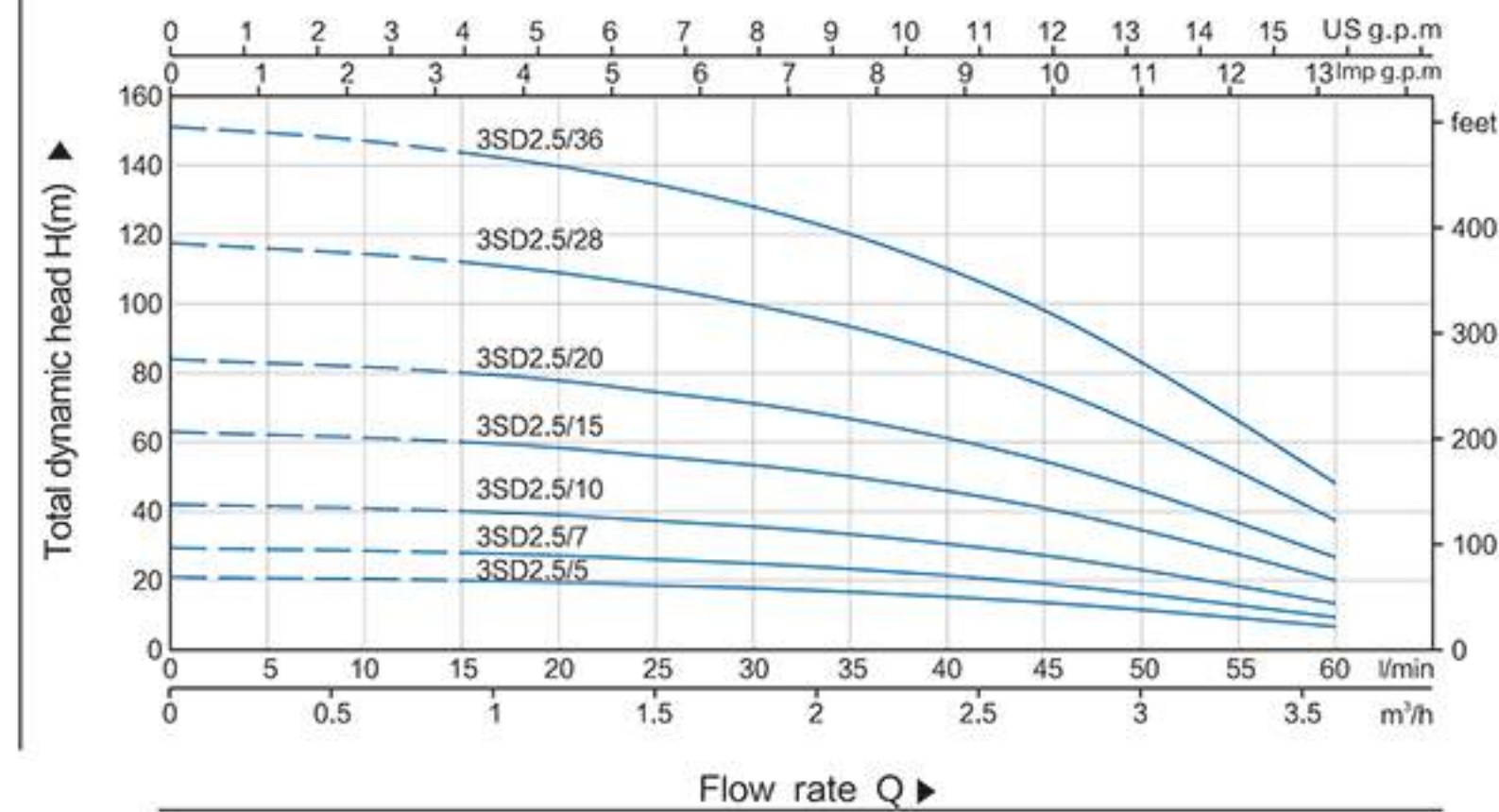
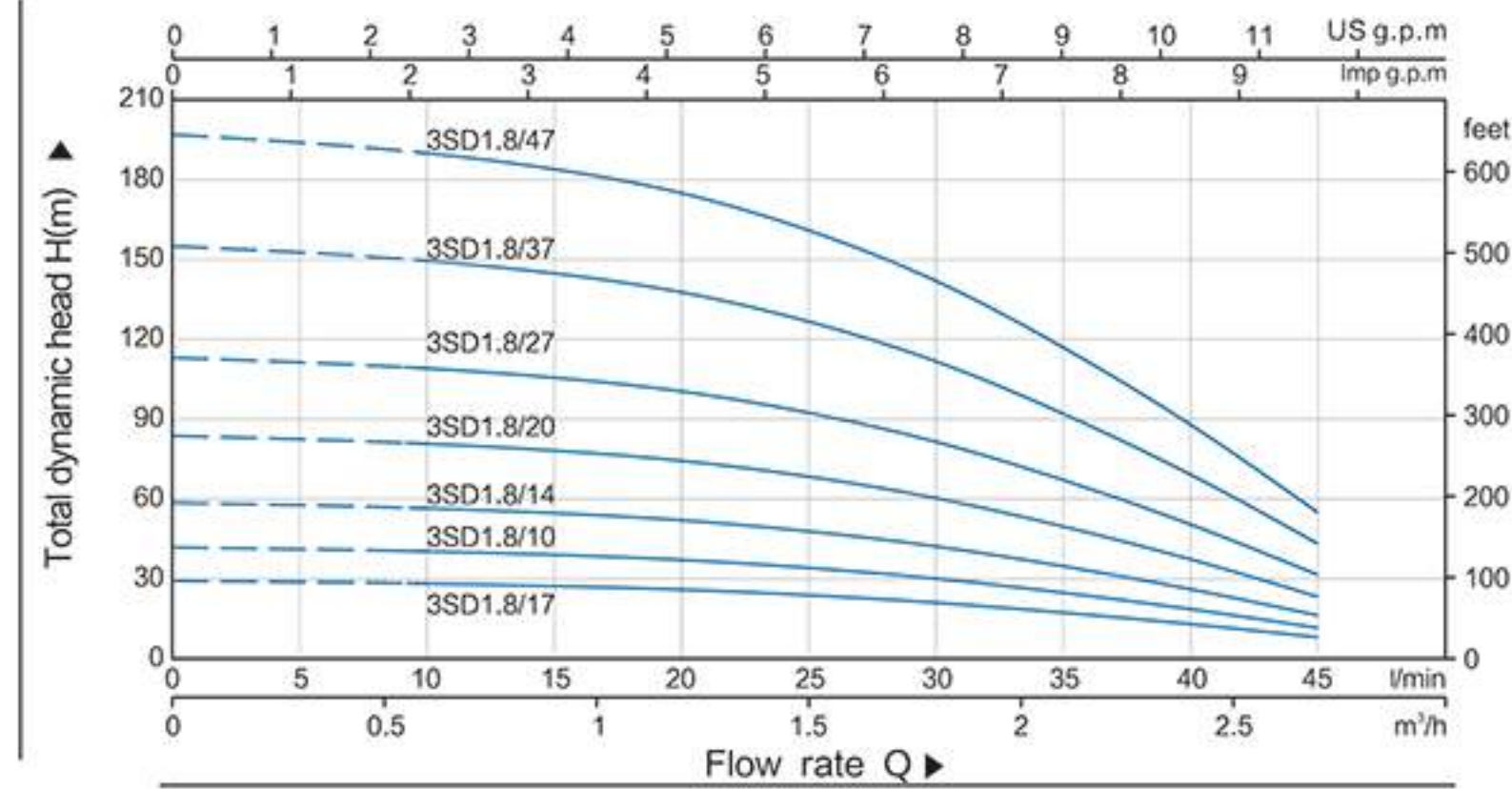
Components	Material
Pump external casing	AISI 304 SS
Delivery casing	① Cast-Cu ASTM C85500 ② AISI 304 SS
Suction lantern	① Cast-Cu ASTM C85500 ② AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic. POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS & Ceramic
Motor external casing	AISI 304 SS
Top chock	Cast-Cu ASTM C85500
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045/5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutical use.

### 3SDM 1.8/7



MODEL		DN	DIMENSIONS(mm)					WEIGHT(kg)				
1~ 220V/240V	3~ 380V/415V		P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>	P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>
3SDM1.8/7	3SD1.8/7	1"	351	290	270	641	621	1.7	3.8	3.2	5.5	4.9
3SDM1.8/10	3SD1.8/10	1"	418	320	290	738	708	2.0	4.6	3.8	6.6	5.8
3SDM1.8/14	3SD1.8/14	1"	509	350	320	859	829	2.3	5.5	4.6	7.8	6.9
3SDM1.8/20	3SD1.8/20	1"	668	390	350	1058	1018	3.1	6.6	5.5	9.7	8.6
3SDM1.8/27	3SD1.8/27	1"	826	430	390	1256	1216	3.8	7.8	6.6	11.6	10.4
3SDM1.8/37	3SD1.8/37	1"	1051	510	430	1561	1481	4.7	9.9	7.8	14.6	12.5
3SDM1.8/47	3SD1.8/47	1"	1300	596	510	1896	1810	5.8	12.1	9.9	17.9	16.7
3SDM2.5/5	3SD2.5/5	1"	324	290	270	614	594	2.3	3.8	3.2	6.1	5.5
3SDM2.5/7	3SD2.5/7	1"	376	320	290	696	666	2.6	4.6	3.8	7.2	6.4
3SDM2.5/10	3SD2.5/10	1"	454	350	320	804	774	3.1	5.5	4.6	8.6	7.7
3SDM2.5/15	3SD2.5/15	1"	584	390	350	974	934	3.8	6.6	5.5	10.4	9.3
3SDM2.5/20	3SD2.5/20	1"	738	430	390	1168	1128	4.6	7.8	6.6	12.4	11.2
3SDM2.5/28	3SD2.5/28	1"	946	510	430	1456	1376	5.8	9.9	7.8	15.7	13.6
3SDM2.5/36	3SD2.5/36	1"	1154	596	510	1750	1664	6.9	12.1	9.9	19.0	16.8

M<sub>(S)</sub> & T<sub>(S)</sub>: single phase motor  
M<sub>(T)</sub> & T<sub>(T)</sub>: three phase motor



## PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY																	
1~ 220V/240V	3~ 380V/415V	KW	HP	Q	n ≈ 2850 r/min																
					0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6				
				Q	0	5	10	15	20	25	30	35	40	45	50	55	60				
3SDM1.8/7	3SD1.8/7	0.18	0.25	H(m)	29	29	28	27	26	24	21	17	13	8							
3SDM1.8/10	3SD1.8/10	0.25	0.33		42	41	40	39	37	34	30	25	19	12							
3SDM1.8/14	3SD1.8/14	0.37	0.5		59	58	57	55	52	48	42	35	26	16							
3SDM1.8/20	3SD1.8/20	0.55	0.75		84	83	81	78	74	69	60	50	37	23							
3SDM1.8/27	3SD1.8/27	0.75	1		113	111	109	106	101	92	82	67	51	32							
3SDM1.8/37	3SD1.8/37	1.1	1.5		155	153	150	145	138	127	112	92	69	43							
3SDM1.8/47	3SD1.8/47	1.5	2		197	194	190	184	175	161	142	117	88	55							
3SDM2.5/5	3SD2.5/5	0.18	0.25		21	21	20	20	19	19	18	17	15	14	12	9	7				
3SDM2.5/7	3SD2.5/7	0.25	0.33		29	29	29	28	27	26	25	23	21	19	16	13	9				
3SDM2.5/10	3SD2.5/10	0.37	0.5		42	41	41	40	39	37	36	33	31	27	23	18	13				
3SDM2.5/15	3SD2.5/15	0.55	0.75		63	62	61	60	58	56	53	50	46	41	35	27	20				
3SDM2.5/20	3SD2.5/20	0.75	1		84	83	82	80	78	74	71	67	61	54	46	37	27				
3SDM2.5/28	3SD2.5/28	1.1	1.5		117	116	114	112	109	104	100	93	86	76	65	51	37				
3SDM2.5/36	3SD2.5/36	1.5	2		151	149	147	144	140	134	128	120	110	98	83	66	48				



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 3.5".  
Maximum fluid temperature up to +35°C.  
Maximum sand content: 0.25%.  
Maximum immersion: 80m.

## Specifications

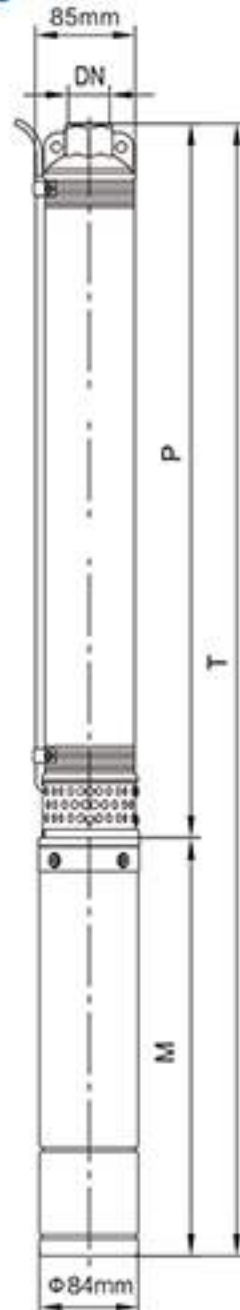
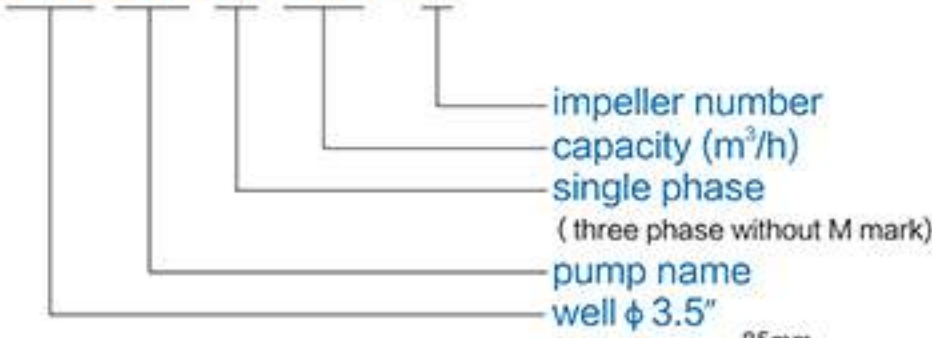
Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	① Cast-Cu ASTM C85500
Suction lantern	① Cast-Cu ASTM C85500
Diffuser	Plastic.PC
Impeller	Plastic. POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS & Ceramic
Motor external casing	AISI 304 SS Cast-iron ASTM N0.30
Top chock	Cast-Cu ASTM C85500
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045/5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

## Options on request

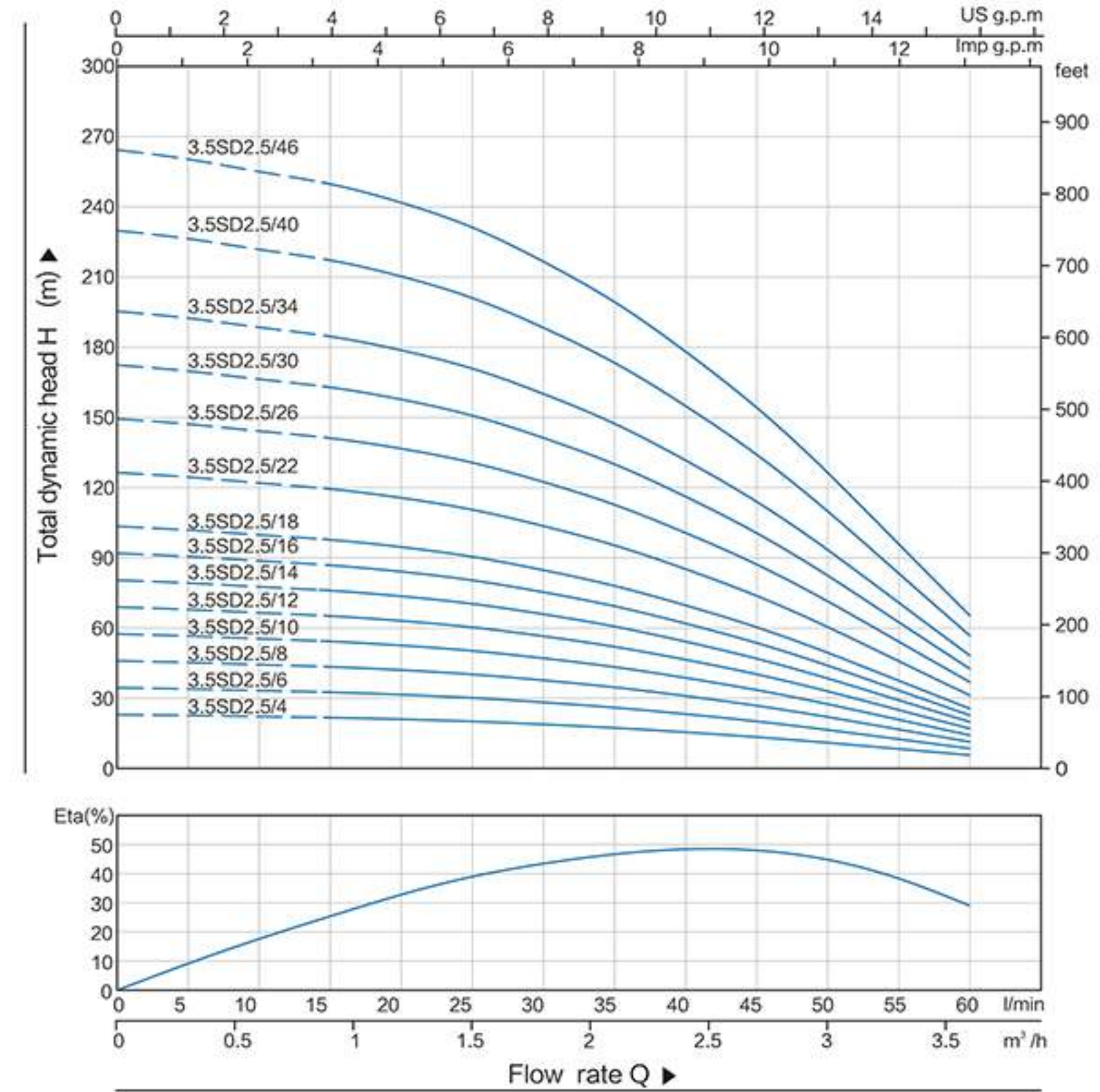
Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz  
Single phase motor with built-in capacitor

### 3.5SDM2.5/4



MODEL		DN	DIMENSIONS(mm)					WEIGHT(kg)				
1~ 220V/240V	3~ 380V/415V		P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>	P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>
3.5SDM2.5/4	3.5SD2.5/4	1.25"	286	278	263	564	549	1.8	4.7	4.1	6.5	5.9
3.5SDM2.5/6	3.5SD2.5/6	1.25"	333	293	278	626	611	2.1	5.3	4.7	7.4	6.8
3.5SDM2.5/8	3.5SD2.5/8	1.25"	379	313	293	692	672	2.4	6.1	5.3	8.5	7.7
3.5SDM2.5/10	3.5SD2.5/10	1.25"	425	313	293	738	718	2.7	6.1	5.3	8.8	8.0
3.5SDM2.5/12	3.5SD2.5/12	1.25"	471	338	313	809	784	3.1	7.0	6.1	10.1	9.2
3.5SDM2.5/14	3.5SD2.5/14	1.25"	517	338	313	855	830	3.4	7.0	6.1	10.4	9.5
3.5SDM2.5/16	3.5SD2.5/16	1.25"	564	363	338	927	902	3.7	8.0	7.0	11.7	10.7
3.5SDM2.5/18	3.5SD2.5/18	1.25"	610	363	338	973	948	4.1	8.0	7.0	12.1	11.1
3.5SDM2.5/22	3.5SD2.5/22	1.25"	726	414	363	1140	1089	4.9	9.8	8.0	14.7	12.9
3.5SDM2.5/26	3.5SD2.5/26	1.25"	819	414	363	1233	1182	5.6	9.8	8.0	15.4	13.6
3.5SDM2.5/30	3.5SD2.5/30	1.25"	911	550	414	1461	1325	6.2	11.6	9.8	17.8	16.0
3.5SDM2.5/34	3.5SD2.5/34	1.25"	1003	550	414	1553	1417	6.9	11.6	9.8	18.5	16.7
3.5SDM2.5/40	3.5SD2.5/40	1.25"	1166	534	550	1700	1716	8.1	14.5	11.6	22.6	19.7
3.5SDM2.5/46	3.5SD2.5/46	1.25"	1305	534	550	1839	1855	9.0	14.5	11.6	23.5	20.6

M<sub>(S)</sub> & T<sub>(S)</sub>: single phase motor  
M<sub>(T)</sub> & T<sub>(T)</sub>: three phase motor



## PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY	n ≈ 2850 r/min													
1~ 220V/240V	3~ 380V/415V	KW	HP		Q m <sup>3</sup> /h l/min	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6
						0	5	10	15	20	25	30	35	40	45	50	55	60
3.5SDM2.5/4	3.5SD2.5/4	0.18	0.25	H(m)	23	22	22	21	21	20	19	17	15	13	11	8	6	
3.5SDM2.5/6	3.5SD2.5/6	0.25	0.33		34	34	33	32	31	30	28	26	23	20	16	12	8	
3.5SDM2.5/8	3.5SD2.5/8	0.37	0.5		46	45	44	43	42	40	37	34	31	26	22	17	11	
3.5SDM2.5/10	3.5SD2.5/10	0.37	0.5		57	56	55	54	52	50	47	43	38	33	27	21	14	
3.5SDM2.5/12	3.5SD2.5/12	0.55	0.75		68	67	66	64	62	60	56	51	46	40	33	25	17	
3.5SDM2.5/14	3.5SD2.5/14	0.55	0.75		80	79	77	75	73	70	65	60	54	46	38	29	19	
3.5SDM2.5/16	3.5SD2.5/16	0.75	1		91	90	88	86	83	80	74	69	61	53	43	33	22	
3.5SDM2.5/18	3.5SD2.5/18	0.75	1		103	101	99	97	94	90	84	77	69	59	49	37	25	
3.5SDM2.5/22	3.5SD2.5/22	1.1	1.5		125	123	121	118	114	110	102	94	84	73	60	45	31	
3.5SDM2.5/26	3.5SD2.5/26	1.1	1.5		148	146	142	140	135	129	121	111	99	86	71	54	36	
3.5SDM2.5/30	3.5SD2.5/30	1.5	2		171	168	164	161	156	149	140	128	115	99	82	62	42	
3.5SDM2.5/34	3.5SD2.5/34	1.5	2		194	191	186	183	177	169	158	146	130	112	92	70	47	
3.5SDM2.5/40	3.5SD2.5/40	2.2	3		228	224	219	215	208	199	186	171	153	132	109	83	56	
3.5SDM2.5/46	3.5SD2.5/46	2.2	3		262	258	252	247	239	229	214	197	176	152	125	95	64	



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 4"  
Maximum fluid temperature up to +35°C.  
Maximum sand content: 0.25%.  
Maximum immersion: 80m.

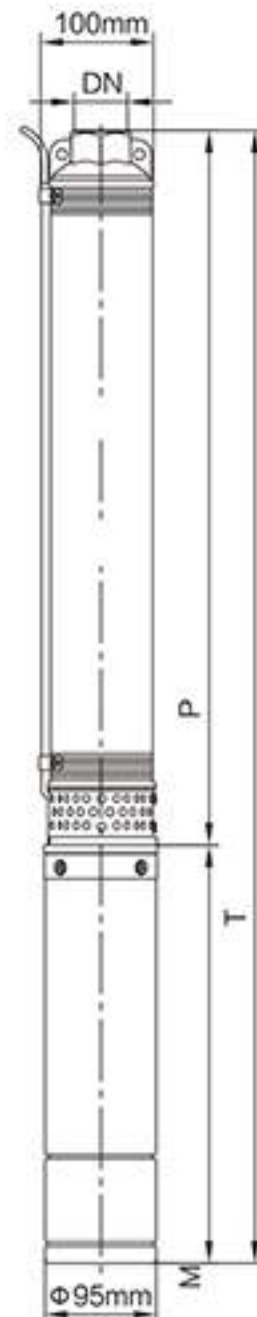
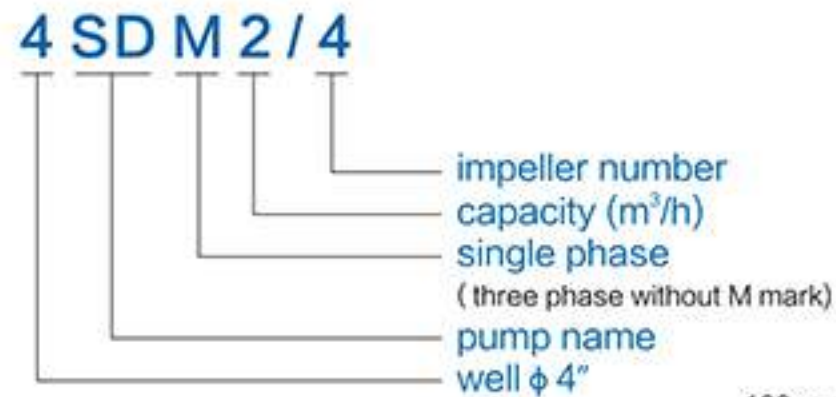
## Specifications

Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V-240V/50Hz  
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Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	① Cast-Cu ASTM C85500 ② AISI 304 SS
Suction lantern	① Cast-Cu ASTM C85500 ② AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic. POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS & Ceramic
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C85500 ② AISI 403 SS ③ Cast-iron ASTM N0.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045 / 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

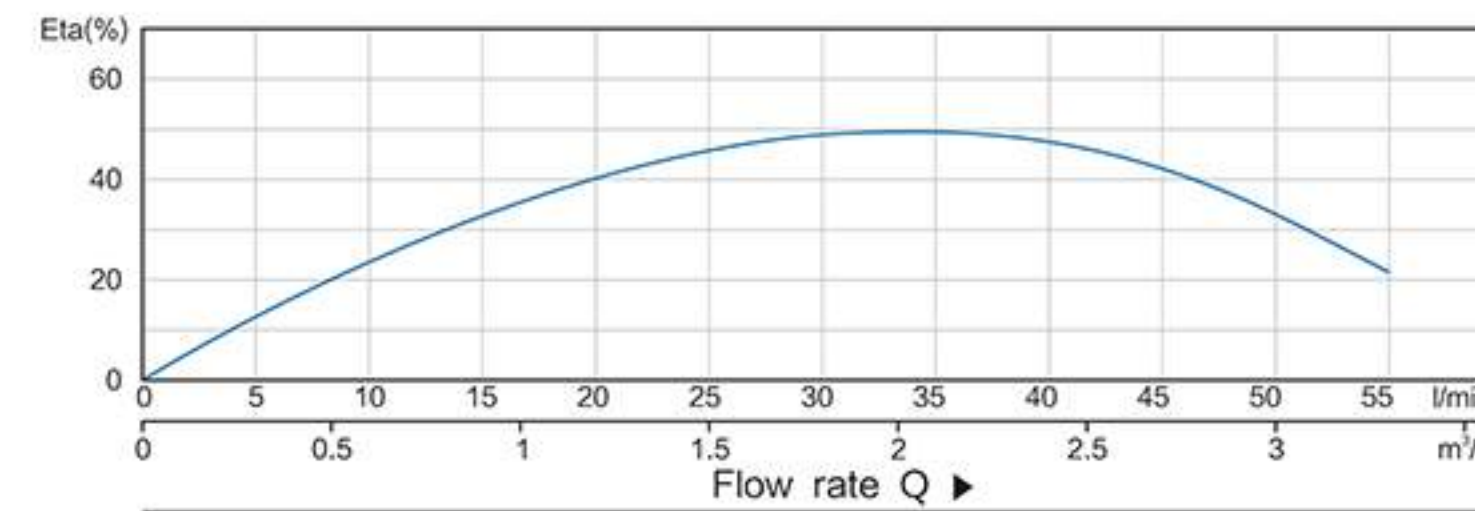
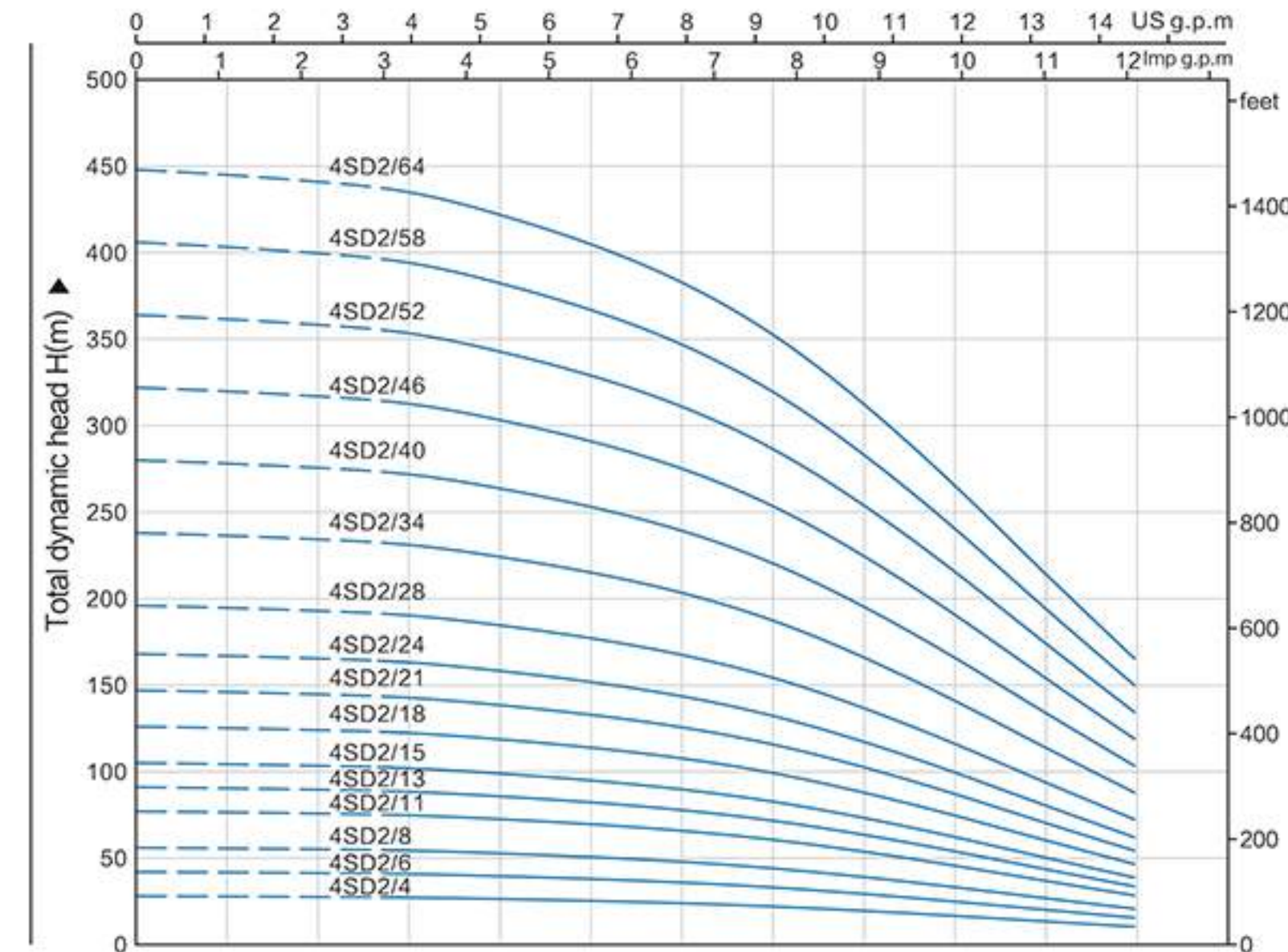
## Options on request

Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz  
Single phase motor with built-in capacitor



MODEL		DN	DIMENSIONS(mm)				WEIGHT(kg)					
1~220V/240V	3~380V/415V		P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>	P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>
4SDM2/4	4SD2/4	1.25" / 1.5"	322	255	255	577	577	2.5	5.4	5.4	7.9	7.9
4SDM2/5	4SD2/5	1.25" / 1.5"	347	265	265	612	612	2.8	5.9	5.9	8.7	8.7
4SDM2/6	4SD2/6	1.25" / 1.5"	372	265	265	637	637	3.0	5.9	5.9	8.9	8.9
4SDM2/7	4SD2/7	1.25" / 1.5"	397	275	275	672	672	3.3	6.4	6.4	9.7	9.7
4SDM2/8	4SD2/8	1.25" / 1.5"	421	285	275	706	696	3.5	6.9	6.4	10.4	9.9
4SDM2/9	4SD2/9	1.25" / 1.5"	446	285	285	731	731	3.8	6.9	6.9	10.7	10.7
4SDM2/11	4SD2/11	1.25" / 1.5"	496	300	285	796	781	4.3	7.7	6.9	12.0	11.2
4SDM2/13	4SD2/13	1.25" / 1.5"	545	300	300	845	845	4.8	7.7	7.7	12.5	12.5
4SDM2/15	4SD2/15	1.25" / 1.5"	595	325	300	920	895	5.2	8.9	7.7	14.1	12.9
4SDM2/18	4SD2/18	1.25" / 1.5"	669	325	325	994	994	6.0	8.9	8.9	14.9	14.9
4SDM2/21	4SD2/21	1.25" / 1.5"	775	360	325	1135	1100	6.7	10.7	8.9	17.4	15.6
4SDM2/24	4SD2/24	1.25" / 1.5"	850	360	360	1210	1210	7.5	10.7	10.7	18.2	18.2
4SDM2/28	4SD2/28	1.25" / 1.5"	949	390	360	1339	1309	8.4	12.2	10.7	20.6	19.1
4SDM2/34	4SD2/34	1.25" / 1.5"	1122	440	390	1562	1512	9.9	13.9	12.2	23.8	22.1
4SDM2/40	4SD2/40	1.25" / 1.5"	1302	470	440	1772	1742	11.4	15.4	13.9	26.8	25.3
	4SD2/46	1.25" / 1.5"	1451		475		1926	12.9		15.4		28.3
	4SD2/52	1.25" / 1.5"	1600		505		2105	14.3		16.9		31.2
	4SD2/58	1.25" / 1.5"	1748		535		2283	15.8		18.4		34.2
	4SD2/64	1.25" / 1.5"	1897		565		2462	17.3		19.9		37.2

M<sub>(S)</sub> & T<sub>(S)</sub>: single phase motor  
M<sub>(T)</sub> & T<sub>(T)</sub>: three phase motor



## PERFORMANCE DATA

MODEL	50Hz	POWER	DELIVERY													
			n = 2850 r/min		Q											
1~220V/240V	3~380V/415V	KW	HP	Q m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3
				l/min	0	5	10	15	20	25	30	35	40	45	50	55
4SDM2/4	4SD2/4	0.18	0.25	H(m)	28	28	28	27	26	25	24	22	20	17	13	10
4SDM2/5	4SD2/5	0.25	0.33	35	35	34	34	33	32	30	28	24	21	17	13	
4SDM2/6	4SD2/6	0.25	0.33	42	42	41	41	40	38	36	33	29	25	20	15	
4SDM2/7	4SD2/7	0.37	0.5	49	49	48	48	46	44	42	39	34	29	24	18	
4SDM2/8	4SD2/8	0.37	0.5	56	56	55	54	53	51	48	44	39	33	27	21	
4SDM2/9	4SD2/9	0.55	0.75	63	63	62	61	59	57	54	50	44	37	30	23	
4SDM2/11	4SD2/11	0.55	0.75	77	76	76	75	73	70	66	61	54	46	37	28	
4SDM2/13	4SD2/13	0.75	1	91	90	90	88	86	82	78	72	64	54	44	34	
4SDM2/15	4SD2/15	0.75	1	105	104	103	102	99	95	90	83	73	62	50	39	
4SDM2/18	4SD2/18	1.1	1.5	126	125	124	122	119	114	108	99	88	75	60	46	
4SDM2/21	4SD2/21	1.1	1.5	147	146	145	143	138	133	126	116	103	87	71	54	
4SDM2/24	4SD2/24	1.5	2	168	167	165	163	158	152	144	132	117	100	81	62	
4SDM2/28	4SD2/28	1.5	2	196	195	193	190	185	177	168	154	137	116	94	72	
4SDM2/34	4SD2/34	2.2	3	238	236	234	231	224	215	203	188	166	141	114	88	
4SDM2/40	4SD2/40	2.2	3	280	278	276	272	264	253	239	221	196	166	134	103	
	4SD2/46	3	4	322	320	317	313	303	291	275	254	225	191	155	119	
	4SD2/52	3	4	364	362	358	353	343	329	311	287	254	216	175	134	
	4SD2/58	4	5.5	406	403	400	394	382	367	347	320	284	241	195	150	
	4SD2/64	4	5.5	448	445	441	435	422	405	383	353	313	266	215	165	



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 4"  
Maximum fluid temperature up to +35°C.  
Maximum sand content: 0.25%.  
Maximum immersion: 80m.

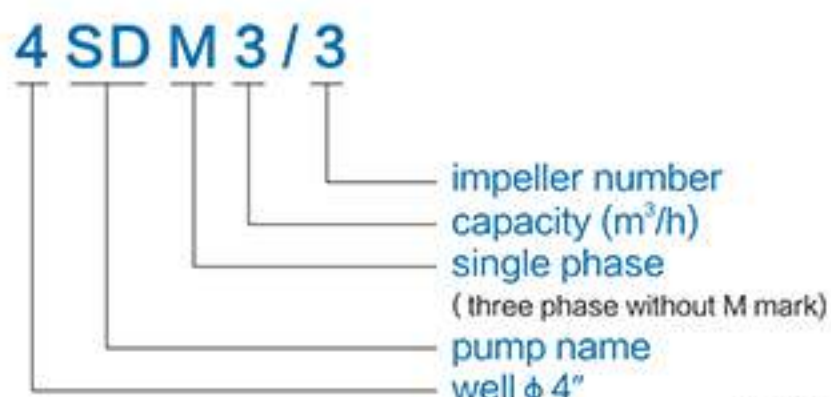
## Specifications

Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

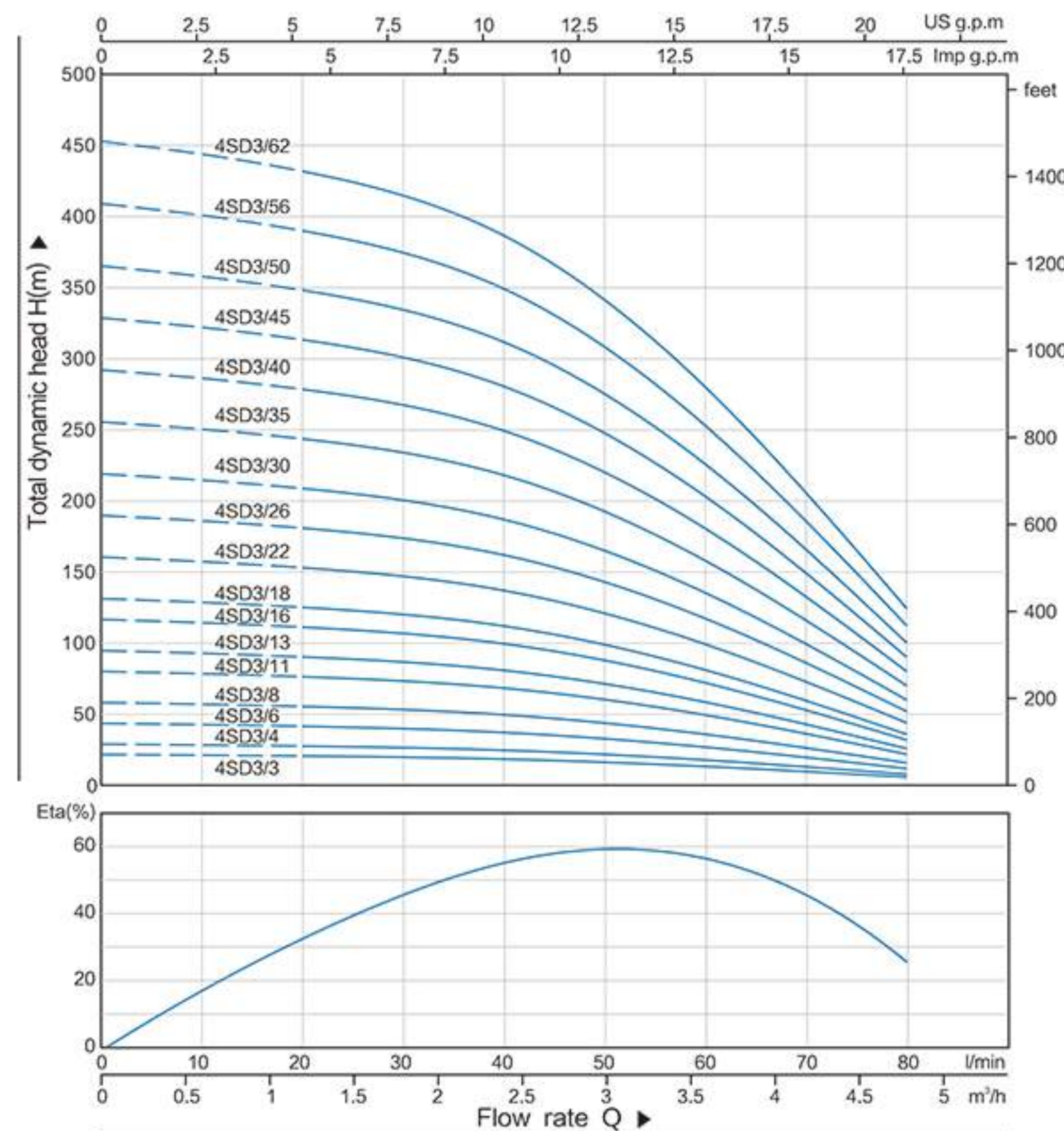
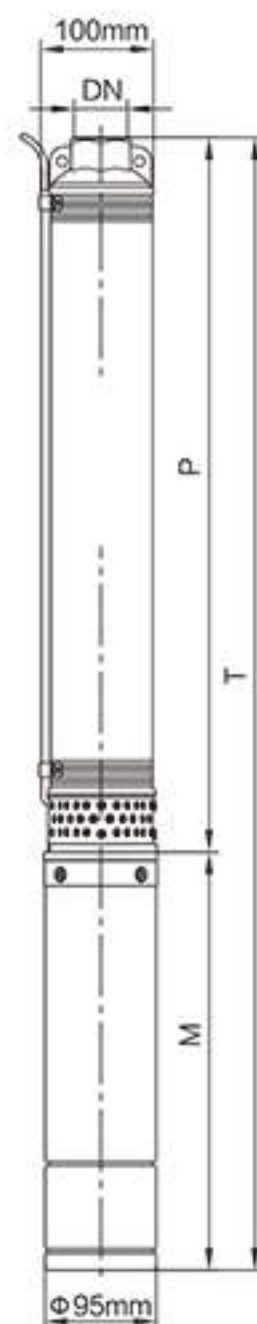
Components	Material
Pump external casing	AISI 304 SS
Delivery casing	① Cast-Cu ASTM C85500 ② AISI 304 SS
Suction lantern	① Cast-Cu ASTM C85500 ② AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic. POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS & Ceramic
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C85500 ② AISI 403 SS ③ Cast-iron ASTM N0.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045 / 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

## Options on request

Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz  
Single phase motor with built-in capacitor



MODEL		DN	DIMENSIONS(mm)				WEIGHT(kg)					
1- 220V/240V	3- 380V/415V		P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>	P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>
4SDM3/3	4SD3/3	1.25" / 1.5"	301	255	255	556	556	2.5	5.4	5.4	7.9	7.9
4SDM3/4	4SD3/4	1.25" / 1.5"	327	265	265	592	592	2.8	5.9	5.9	8.7	8.7
4SDM3/5	4SD3/5	1.25" / 1.5"	353	275	275	628	628	3.0	6.4	6.4	9.4	9.4
4SDM3/6	4SD3/6	1.25" / 1.5"	379	285	275	664	654	3.3	6.9	6.4	10.2	9.7
4SDM3/7	4SD3/7	1.25" / 1.5"	405	285	285	690	690	3.5	6.9	6.9	10.4	10.4
4SDM3/8	4SD3/8	1.25" / 1.5"	431	300	285	731	716	3.8	7.7	6.9	11.5	10.7
4SDM3/9	4SD3/9	1.25" / 1.5"	457	300	300	757	757	4.1	7.7	7.7	11.8	11.8
4SDM3/11	4SD3/11	1.25" / 1.5"	509	325	300	834	809	4.6	8.9	7.7	13.5	12.3
4SDM3/13	4SD3/13	1.25" / 1.5"	561	325	325	886	886	5.1	8.9	8.9	14.0	14.0
4SDM3/16	4SD3/16	1.25" / 1.5"	639	360	325	999	964	5.9	10.7	8.9	16.6	14.8
4SDM3/18	4SD3/18	1.25" / 1.5"	691	360	360	1051	1051	6.4	10.7	10.7	17.1	17.1
4SDM3/22	4SD3/22	1.25" / 1.5"	827	390	360	1217	1187	7.4	12.2	10.7	19.6	18.1
4SDM3/26	4SD3/26	1.25" / 1.5"	931	440	390	1371	1321	8.5	13.9	12.2	22.4	20.7
4SDM3/30	4SD3/30	1.25" / 1.5"	1059	470	440	1529	1499	9.5	15.4	13.9	24.9	23.4
	4SD3/35	1.25" / 1.5"	1189		475		1664	10.8		15.4		26.2
	4SD3/40	1.25" / 1.5"	1350		505		1855	12.1		16.9		29.0
	4SD3/45	1.25" / 1.5"	1480		535		2015	13.4		18.4		31.8
	4SD3/50	1.25" / 1.5"	1610		565		2175	14.7		19.9		34.6
	4SD3/56	1.25" / 1.5"	1766		595		2361	16.2		21.4		37.6
	4SD3/62	1.25" / 1.5"	1922		625		2547	17.8		22.9		40.7



## PERFORMANCE DATA

MODEL	50Hz	POWER		DELIVERY									
		KW	HP	n = 2850 r/min									
1- 220V/240V	3- 380V/415V	Q	m <sup>3</sup> /h	l/min	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8
					0	10	20	30	40	50	60	70	80
4SDM3/3	4SD3/3	0.18	0.25	H(m)	22	21	21	20	19	16	13	10	6
4SDM3/4	4SD3/4	0.25	0.33		29	29	28	27	25	22	18	13	8
4SDM3/5	4SD3/5	0.37	0.5		36	36	35	33	31	27	22	17	10
4SDM3/6	4SD3/6	0.37	0.5		44	43	42	40	37	33	27	20	12
4SDM3/7	4SD3/7	0.55	0.75		51	50	49	47	43	38	31	23	14
4SDM3/8	4SD3/8	0.55	0.75		58	57	55	53	50	44	36	26	16
4SDM3/9	4SD3/9	0.75	1		65	64	62	60	56	49	40	30	18
4SDM3/11	4SD3/11	0.75	1		80	78	76	73	68	60	49	36	22
4SDM3/13	4SD3/13	1.1	1.5		95	93	90	87	81	71	58	43	26
4SDM3/16	4SD3/16	1.1	1.5		116	114	111	107	99	88	72	53	32
4SDM3/18	4SD3/18	1.5	2		131	128	125	120	112	99	81	60	36
4SDM3/22	4SD3/22	1.5	2		160	157	153	147	137	121	99	73	44
4SDM3/26	4SD3/26	2.2	3		189	185	180	173	161	143	117	86	52
4SDM3/30	4SD3/30	2.2	3		218	214	208	200	186	165	135	99	60
	4SD3/35	3	4		255	250	243	233	217	192	157	116	70
	4SD3/40	3	4		291	285	277	266	248	219	180	132	80
	4SD3/45	4	5.5	327	321	312	300	279	247	202	149	90	
	4SD3/50	4	5.5	364	356	347	333	310	274	225	165	100	
	4SD3/56	5.5	7.5	407	399	388	373	348	307	252	185	112	
	4SD3/62	5.5	7.5	451	442	430	413	385	340	279	205	124	



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 4"  
Maximum fluid temperature up to +35°C.  
Maximum sand content: 0.25%.  
Maximum immersion: 80m.

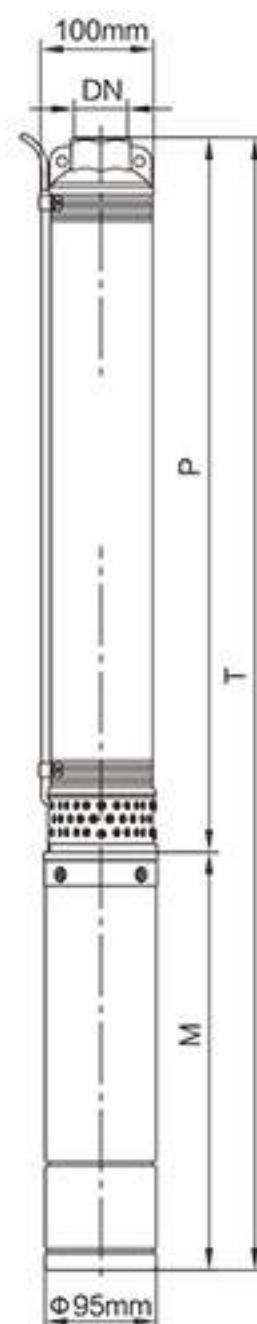
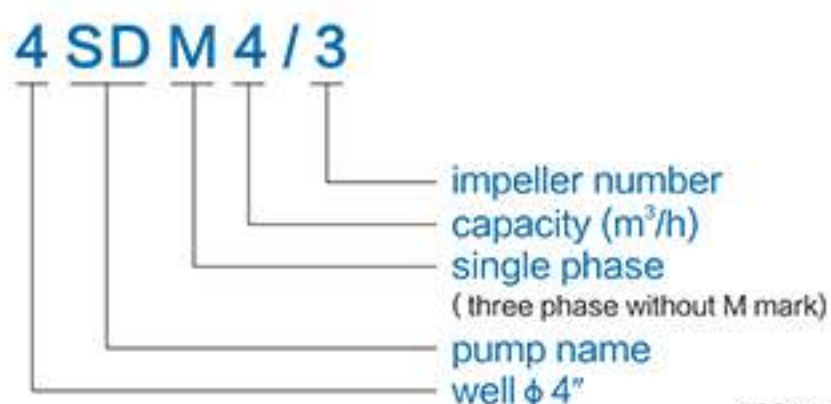
## Specifications

Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	① Cast-Cu ASTM C85500 ② AISI 304 SS
Suction lantern	① Cast-Cu ASTM C85500 ② AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic. POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS & Ceramic
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C85500 ② AISI 403 SS ③ Cast-iron ASTM N0.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045 / 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

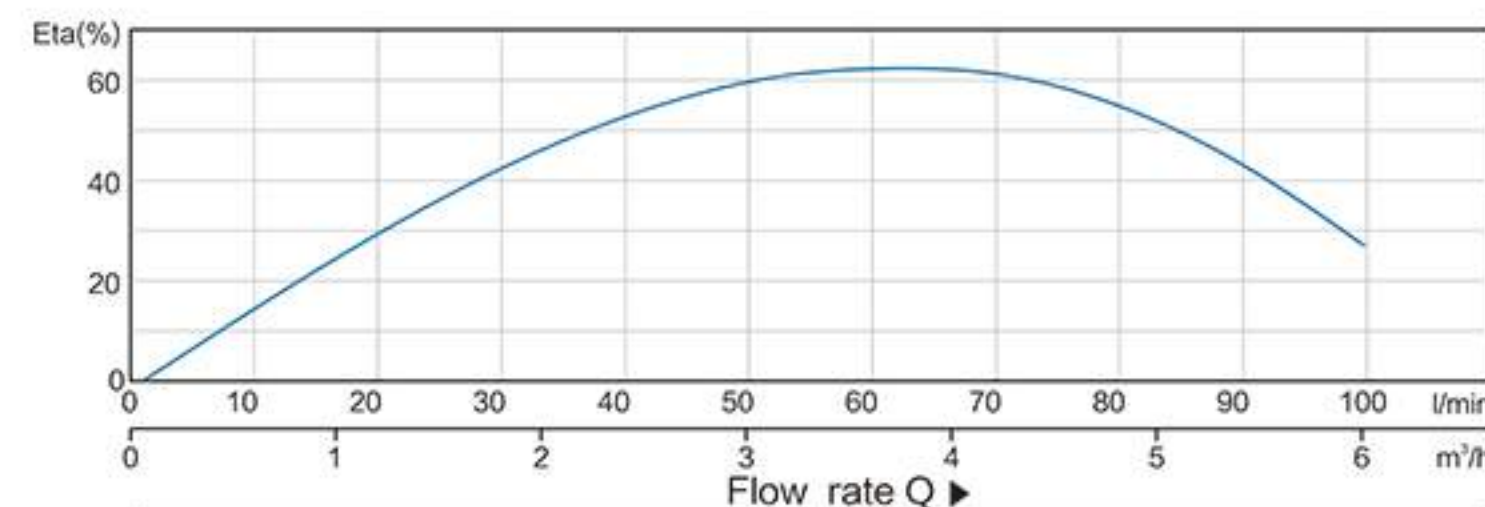
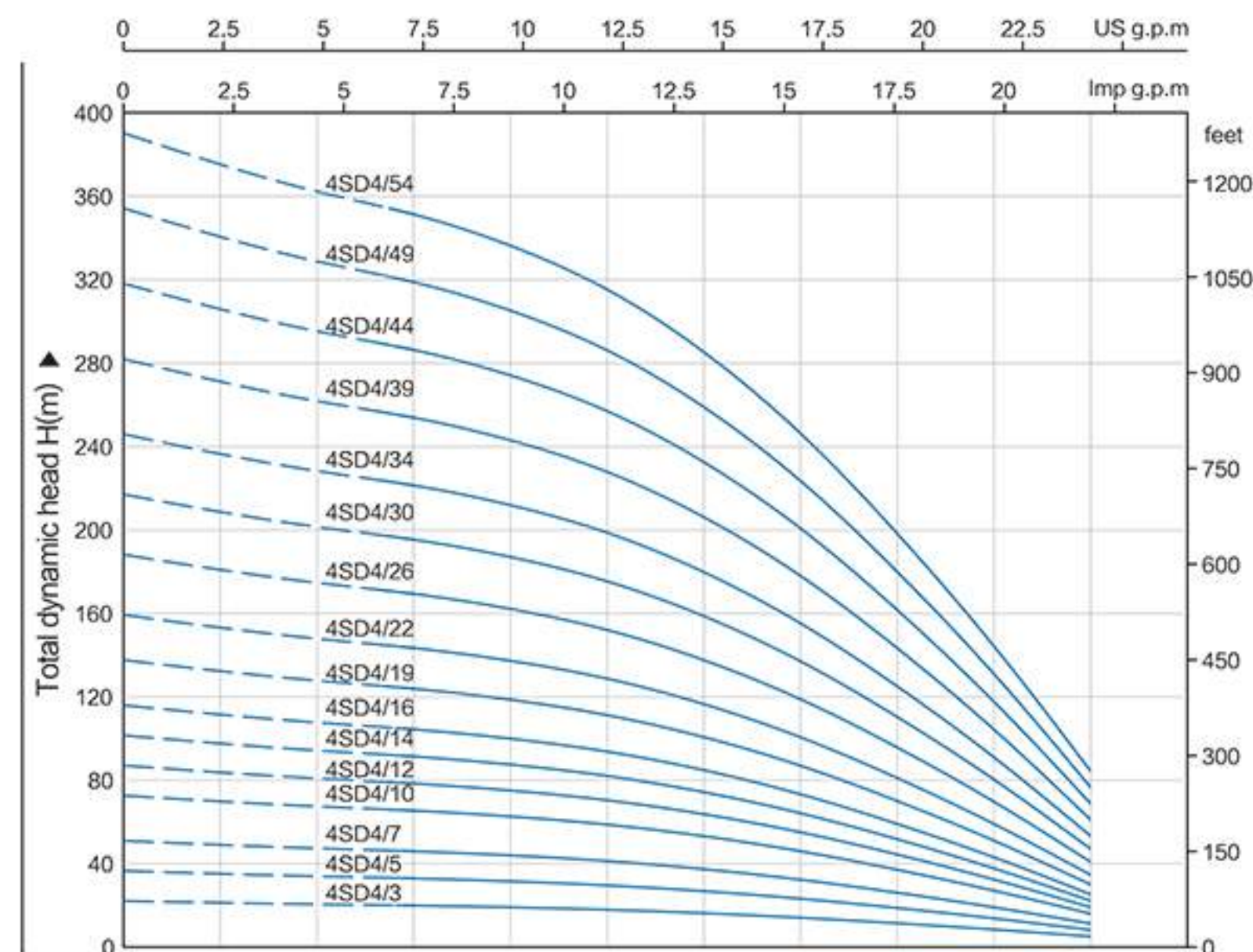
## Options on request

Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz  
Single phase motor with built-in capacitor



MODEL		DN	DIMENSIONS(mm)				WEIGHT(kg)					
1~ 220V/240V	3~ 380V/415V		P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>	P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>
4SDM4/3	4SD4/3	1.25" / 1.5" / 2"	309	265	265	574	574	2.7	5.9	5.9	8.6	8.6
4SDM4/4	4SD4/4	1.25" / 1.5" / 2"	338	275	275	613	613	3.0	6.4	6.4	9.4	9.4
4SDM4/5	4SD4/5	1.25" / 1.5" / 2"	367	285	275	652	642	3.3	6.9	6.4	10.2	9.7
4SDM4/6	4SD4/6	1.25" / 1.5" / 2"	396	285	285	681	681	3.5	6.9	6.9	10.4	10.4
4SDM4/7	4SD4/7	1.25" / 1.5" / 2"	425	300	285	725	710	3.8	7.7	6.9	11.5	10.7
4SDM4/8	4SD4/8	1.25" / 1.5" / 2"	453	300	300	753	753	4.1	7.7	7.7	11.8	11.8
4SDM4/10	4SD4/10	1.25" / 1.5" / 2"	511	325	300	836	811	4.6	8.9	7.7	13.5	12.3
4SDM4/12	4SD4/12	1.25" / 1.5" / 2"	569	325	325	894	894	5.2	8.9	8.9	14.1	14.1
4SDM4/14	4SD4/14	1.25" / 1.5" / 2"	626	360	325	986	951	5.7	10.7	8.9	16.4	14.6
4SDM4/16	4SD4/16	1.25" / 1.5" / 2"	684	360	360	1044	1044	6.3	10.7	10.7	17.0	17.0
4SDM4/19	4SD4/19	1.25" / 1.5" / 2"	770	390	360	1160	1130	7.1	12.2	10.7	19.3	17.8
4SDM4/22	4SD4/22	1.25" / 1.5" / 2"	888	440	390	1328	1278	7.9	13.9	12.2	21.8	20.1
4SDM4/26	4SD4/26	1.25" / 1.5" / 2"	1003	470	440	1473	1443	9.0	15.4	13.9	24.4	22.9
	4SD4/30	1.25" / 1.5" / 2"	1143		475		1618	10.1		15.4		25.5
	4SD4/34	1.25" / 1.5" / 2"	1258		505		1763	11.1		16.9		28.0
	4SD4/39	1.25" / 1.5" / 2"	1402		535		1937	12.5		18.4		30.9
	4SD4/44	1.25" / 1.5" / 2"	1577		565		2142	13.8		19.9		33.7
	4SD4/49	1.25" / 1.5" / 2"	1721		595		2316	15.2		21.4		36.6
	4SD4/54	1.25" / 1.5" / 2"	1865		625		2490	16.6		22.9		39.5

M<sub>(S)</sub> & T<sub>(S)</sub>: single phase motor  
M<sub>(T)</sub> & T<sub>(T)</sub>: three phase motor



## PERFORMANCE DATA

MODEL	50Hz	POWER	DELIVERY															
			n = 2850 r/min															
1~ 220V/240V	3~ 380V/415V	KW	HP	Q	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0			
				m <sup>3</sup> /h l/min	0	10	20	30	40	50	60	70	80	90	100			
4SDM4/3	4SD4/3	0.25	0.33	H(m)	22	21	20	19	19	17	16	14	11	8	5			
4SDM4/4	4SD4/4	0.37	0.5		29	28	27	26	25	23	21	18	15	11	6			
4SDM4/5	4SD4/5	0.37	0.5		36	35	34	32	31	29	26	23	18	13	8			
4SDM4/6	4SD4/6	0.55	0.75		43	42	40	39	37	35	32	27	22	16	9			
4SDM4/7	4SD4/7	0.55	0.75		51	49	47	45	44	41	37	32	26	19	11			
4SDM4/8	4SD4/8	0.75	1		58	56	54	52	50	47	42	36	29	21	12			
4SDM4/10	4SD4/10	0.75	1		72	69	67	65	62	58	53	46	37	27	16			
4SDM4/12	4SD4/12	1.1	1.5		87	83	80	78	75	70	63	55	44	32	19			
4SDM4/14	4SD4/14	1.1	1.5		101	97	94	91	87	82	74	64	51	37	22			
4SDM4/16	4SD4/16	1.5	2		116	111	107	104	100	93	84	73	59	43	25			
4SDM4/19	4SD4/19	1.5	2		137	132	127	124	118	111	100	87	70	51	30			
4SDM4/22	4SD4/22	2.2	3		159	153	147	143	137	128	116	100	81	59	34			
4SDM4/26	4SD4/26	2.2	3		188	181	174	169	162	152	137	118	95	69	40			
	4SD4/30	3	4		217	208	201	195	187	175	158	137	110	80	47			
	4SD4/34	3	4		246	236	228	221	212	198	179	155	125	91	53			
	4SD4/39	4	5.5		282	271	261	254	243	228	206	178	143	104	61			
	4SD4/44	4	5.5	318	306	295	286	274	257	232	200	161	117	68				
	4SD4/49	5.5	7.5	354	340	328	319	305	286	259	223	180	131	76				
	4SD4/54	5.5	7.5	390	375	362	351	336	315	285	246	198	144	84				



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 4"  
Maximum fluid temperature up to +35°C.  
Maximum sand content: 0.25%.  
Maximum immersion: 80m.

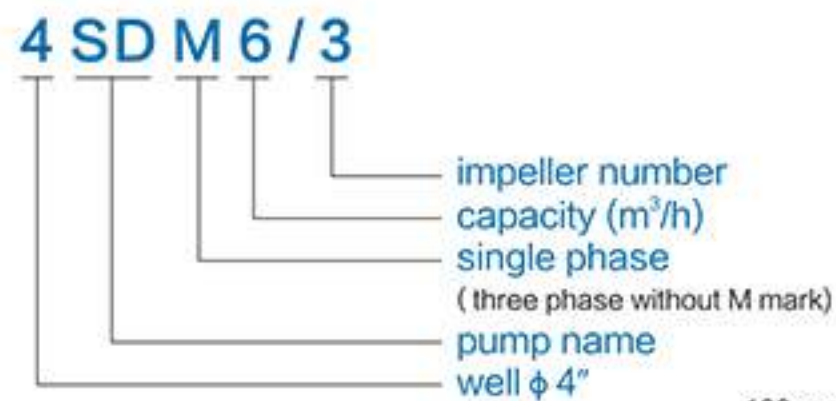
## Specifications

Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

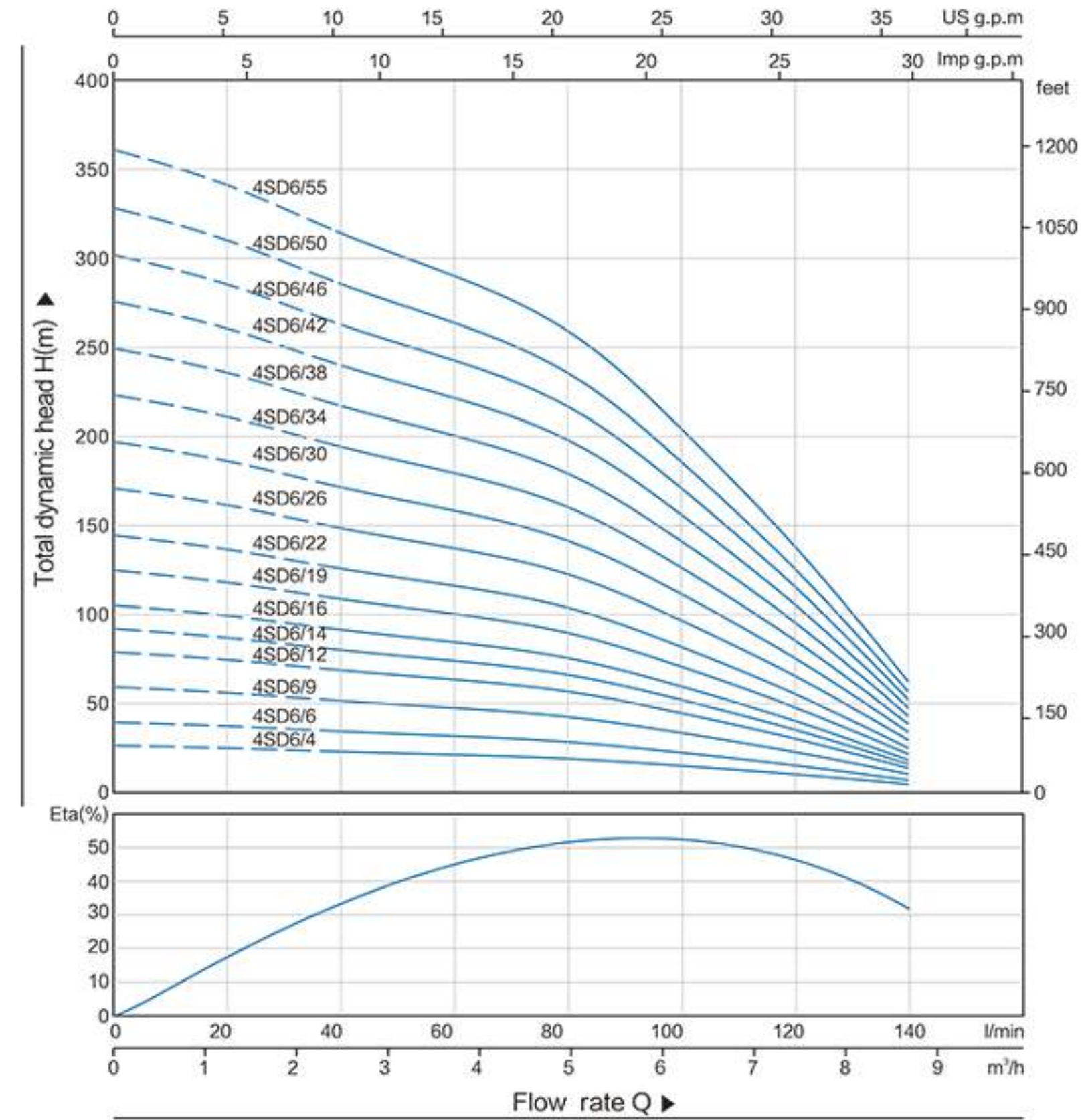
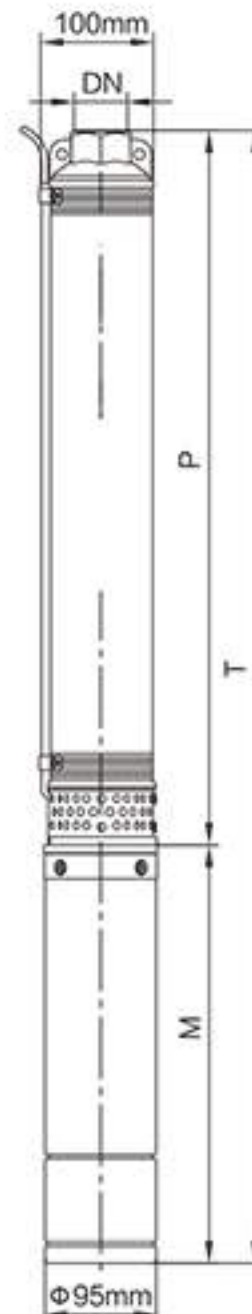
Components	Material
Pump external casing	AISI 304 SS
Delivery casing	① Cast-Cu ASTM C85500 ② AISI 304 SS
Suction lantern	① Cast-Cu ASTM C85500 ② AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic. POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS & Ceramic
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C85500 ② AISI 403 SS ③ Cast-iron ASTM N0.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045 / 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

## Options on request

Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz  
Single phase motor with built-in capacitor



MODEL		DN	DIMENSIONS(mm)				WEIGHT(kg)					
1- 220V/240V	3- 380V/415V		P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>	P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>
4SDM6/3	4SD6/3	1.25" / 1.5" / 2"	339	275	275	614	614	3.0	6.4	6.4	9.4	9.4
4SDM6/4	4SD6/4	1.25" / 1.5" / 2"	369	285	275	654	644	3.2	6.9	6.4	10.1	9.6
4SDM6/5	4SD6/5	1.25" / 1.5" / 2"	400	285	285	685	685	3.5	6.9	6.9	10.4	10.4
4SDM6/6	4SD6/6	1.25" / 1.5" / 2"	431	300	285	731	716	3.8	7.7	6.9	11.5	10.7
4SDM6/7	4SD6/7	1.25" / 1.5" / 2"	461	300	300	761	761	4.1	7.7	7.7	11.8	11.8
4SDM6/9	4SD6/9	1.25" / 1.5" / 2"	522	325	300	847	822	4.7	8.9	7.7	13.6	12.4
4SDM6/10	4SD6/10	1.25" / 1.5" / 2"	553	325	325	878	878	4.9	8.9	8.9	13.8	13.8
4SDM6/12	4SD6/12	1.25" / 1.5" / 2"	614	360	325	974	939	5.5	10.7	8.9	16.2	14.4
4SDM6/14	4SD6/14	1.25" / 1.5" / 2"	675	360	360	1035	1035	6.1	10.7	10.7	16.8	16.8
4SDM6/16	4SD6/16	1.25" / 1.5" / 2"	737	390	360	1127	1097	6.6	12.2	10.7	18.8	17.3
4SDM6/19	4SD6/19	1.25" / 1.5" / 2"	828	440	390	1268	1218	7.5	13.9	12.2	21.4	19.7
4SDM6/22	4SD6/22	1.25" / 1.5" / 2"	952	470	440	1422	1392	8.3	15.4	13.9	23.7	22.2
	4SD6/26	1.25" / 1.5" / 2"		475		1549		9.5		15.4		24.9
	4SD6/30	1.25" / 1.5" / 2"		505		1702		10.6		16.9		27.5
	4SD6/34	1.25" / 1.5" / 2"		535		1854		11.8		18.4		30.2
	4SD6/38	1.25" / 1.5" / 2"		565		2006		12.9		19.9		32.8
	4SD6/42	1.25" / 1.5" / 2"		595		2190		14.0		21.4		35.4
	4SD6/46	1.25" / 1.5" / 2"		625		2343		15.2		22.9		38.1
	4SD6/50	1.25" / 1.5" / 2"		655		2495		16.3		24.4		40.7
	4SD6/55	1.25" / 1.5" / 2"		685		2678		17.7		25.9		43.6



## PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY								
1- 220V/240V	3- 380V/415V	KW	HP	n = 2850 r/min								
				Q	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4
				m <sup>3</sup> /h	0	20	40	60	80	100	120	140
				l/min	0	20	40	60	80	100	120	140
4SDM6/3	4SD6/3	0.37	0.5	H(m)	20	19	17	16	14	11	8	3
4SDM6/4	4SD6/4	0.37	0.5		26	25	23	21	19	15	10	5
4SDM6/5	4SD6/5	0.55	0.75		33	31	29	26	24	19	13	6
4SDM6/6	4SD6/6	0.55	0.75		39	37	34	32	28	22	15	7
4SDM6/7	4SD6/7	0.75	1		46	43	40	37	33	26	18	8
4SDM6/9	4SD6/9	0.75	1		59	56	51	47	42	33	23	10
4SDM6/10	4SD6/10	1.1	1.5		66	62	57	53	47	37	25	11
4SDM6/12	4SD6/12	1.1	1.5		79	74	69	63	57	45	30	14
4SDM6/14	4SD6/14	1.5	2		92	87	80	74	66	52	35	16
4SDM6/16	4SD6/16	1.5	2		105	99	91	84	75	59	40	18
4SDM6/19	4SD6/19	2.2	3		125	118	108	100	89	70	48	21
4SDM6/22	4SD6/22	2.2	3		144	136	126	116	104	82	55	25
	4SD6/26	3	4		171	161	148	137	122	96	65	29
	4SD6/30	3	4		197	186	171	158	141	111	75	34
	4SD6/34	4	5.5		223	211	194	179	160	126	85	38
	4SD6/38	4	5.5		249	236	217	200	179	141	95	43
	4SD6/42	5.5	7.5	276	260	240	221	198	156	105	47	
	4SD6/46	5.5	7.5	302	285	263	243	217	171	115	52	
	4SD6/50	7.5	10	328	310	285	264	235	185	125	56	
	4SD6/55	7.5	10	361	341	314	290	259	204	138	62	



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 4"  
Maximum fluid temperature up to +35°C.  
Maximum sand content: 0.25%.  
Maximum immersion: 80m.

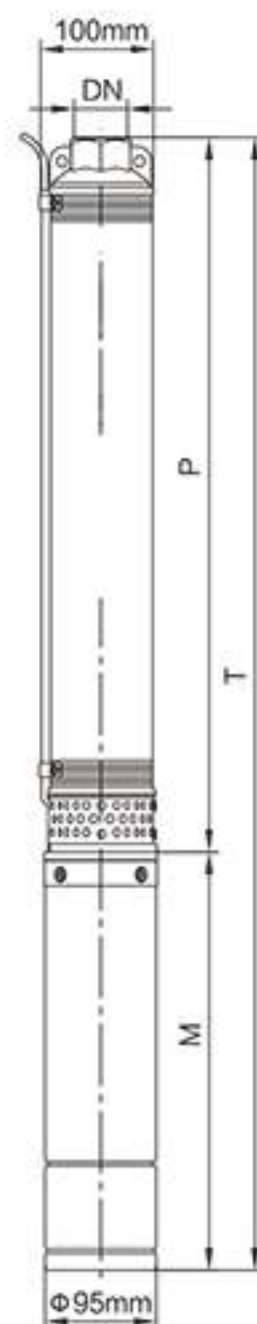
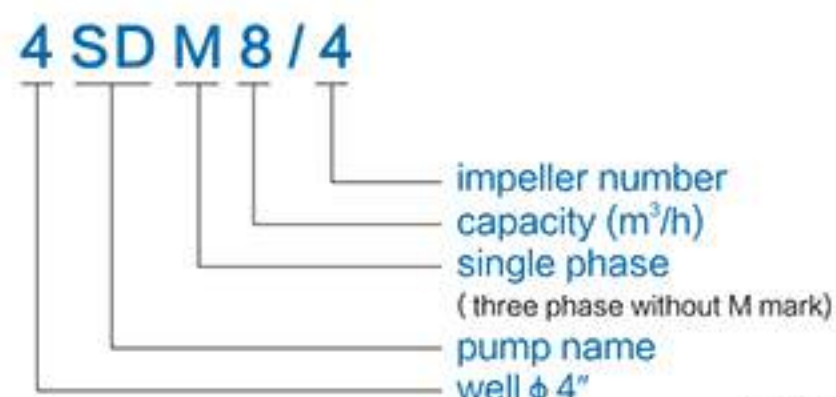
## Specifications

Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	① Cast-Cu ASTM C85500 ② AISI 304 SS
Suction lantern	① Cast-Cu ASTM C85500 ② AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic. POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS & Ceramic
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C85500 ② AISI 403 SS ③ Cast-iron ASTM N0.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045 / 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

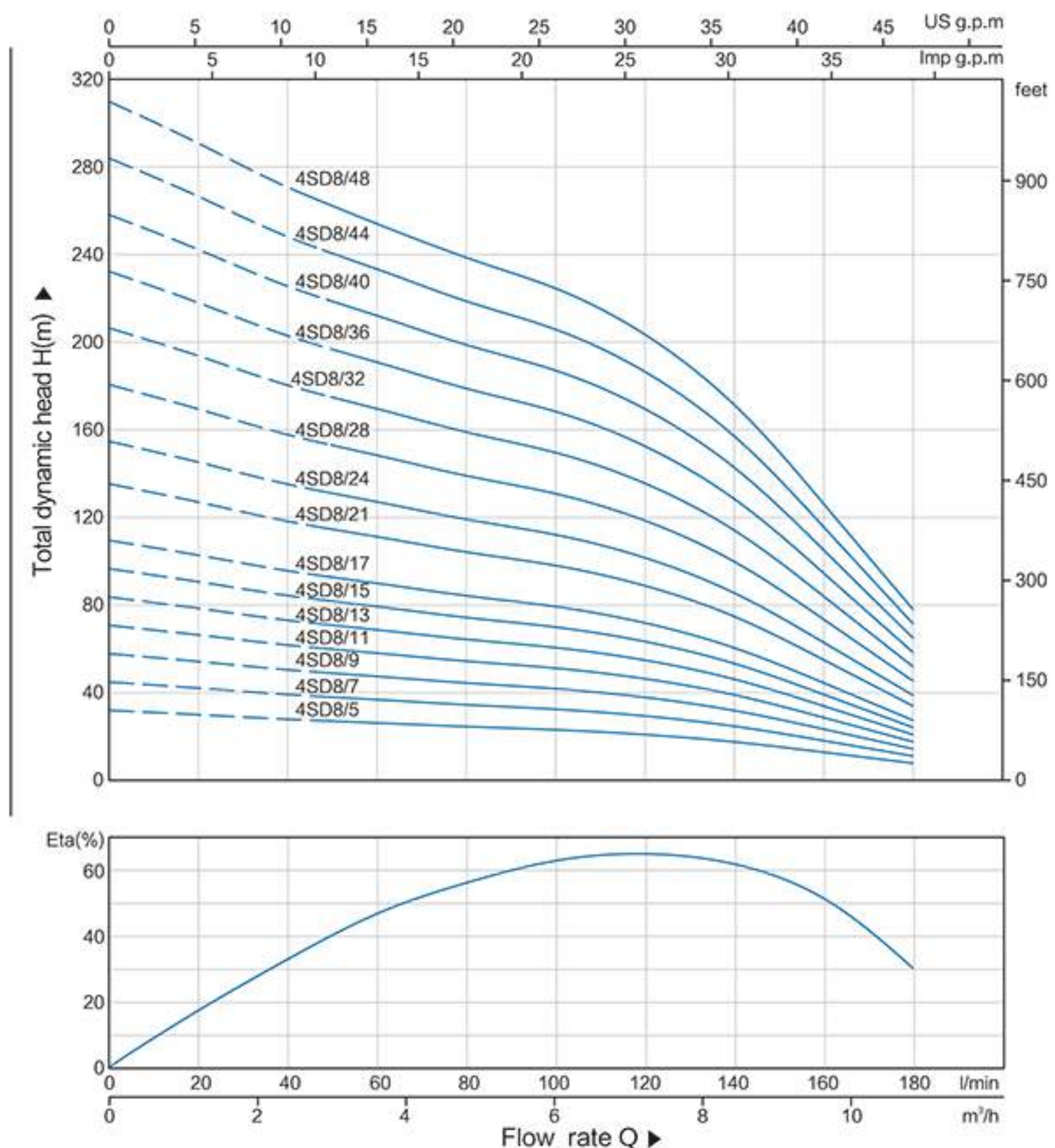
## Options on request

Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz  
Single phase motor with built-in capacitor



MODEL		DN	DIMENSIONS(mm)				WEIGHT(kg)					
1~220V/240V	3~380V/415V		P	M(S)	M(T)	T(S)	T(T)	P	M(S)	M(T)	T(S)	T(T)
4SDM8/4	4SD8/4	1.25" / 1.5" / 2"	399	285	285	684	684	3.5	6.9	6.9	10.4	10.4
4SDM8/5	4SD8/5	1.25" / 1.5" / 2"	437	300	285	737	722	3.8	7.7	6.9	11.5	10.7
4SDM8/6	4SD8/6	1.25" / 1.5" / 2"	475	300	300	775	775	4.1	7.7	7.7	11.8	11.8
4SDM8/7	4SD8/7	1.25" / 1.5" / 2"	513	325	300	838	813	4.4	8.9	7.7	13.3	12.1
4SDM8/8	4SD8/8	1.25" / 1.5" / 2"	551	325	325	876	876	4.6	8.9	8.9	13.5	13.5
4SDM8/9	4SD8/9	1.25" / 1.5" / 2"	589	360	325	949	914	4.9	10.7	8.9	15.6	13.8
4SDM8/11	4SD8/11	1.25" / 1.5" / 2"	665	360	360	1025	1025	5.5	10.7	10.7	16.2	16.2
4SDM8/13	4SD8/13	1.25" / 1.5" / 2"	741	390	360	1131	1101	6.1	12.2	10.7	18.3	16.8
4SDM8/15	4SD8/15	1.25" / 1.5" / 2"	817	440	390	1257	1207	6.7	13.9	12.2	20.6	18.9
4SDM8/17	4SD8/17	1.25" / 1.5" / 2"	893	470	440	1363	1333	7.3	15.4	13.9	22.7	21.2
	4SD8/21	1.25" / 1.5" / 2"		475		1552	1552	8.5		15.4		23.9
	4SD8/24	1.25" / 1.5" / 2"		505		1696	1696	9.4		16.9		26.3
	4SD8/28	1.25" / 1.5" / 2"		535		1878	1878	10.6		18.4		29.0
	4SD8/32	1.25" / 1.5" / 2"		565		2060	2060	11.8		19.9		31.7
	4SD8/36	1.25" / 1.5" / 2"		595		2242	2242	12.9		21.4		34.3
	4SD8/40	1.25" / 1.5" / 2"		625		2455	2455	14.4		22.9		37.0
	4SD8/44	1.25" / 1.5" / 2"		655		2637	2637	15.3		24.4		39.7
	4SD8/48	1.25" / 1.5" / 2"		685		2819	2819	16.5		25.9		42.4

M(S) & T(S): single phase motor  
M(T) & T(T): three phase motor



## PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY															
1~220V/240V	3~380V/415V	KW	HP	n ~ 2850 r/min															
				Q	H(m)														
					m³/h	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8				
				l/min	0	20	40	60	80	100	120	140	160	180					
4SDM8/4	4SD8/4	0.55	0.75	26	24	22	21	20	19	17	14	10	6						
4SDM8/5	4SD8/5	0.55	0.75	32	30	28	26	25	23	21	18	13	8						
4SDM8/6	4SD8/6	0.75	1	39	36	34	32	30	28	25	21	16	10						
4SDM8/7	4SD8/7	0.75	1	45	42	39	37	35	33	30	25	18	11						
4SDM8/8	4SD8/8	1.1	1.5	52	48	45	42	40	37	34	28	21	13						
4SDM8/9	4SD8/9	1.1	1.5	58	54	51	48	45	42	38	32	24	15						
4SDM8/11	4SD8/11	1.5	2	71	66	62	58	55	51	47	39	29	18						
4SDM8/13	4SD8/13	1.5	2	84	79	73	69	64	61	55	46	34	21						
4SDM8/15	4SD8/15	2.2	3	97	91	84	79	74	70	63	53	39	24						
4SDM8/17	4SD8/17	2.2	3	109	103	96	90	84	79	72	61	45	28						
	4SD8/21	3	4	135	127	118	111	104	98	89	75	55	34						
	4SD8/24	3	4	155	145	135	127	119	112	101	85	63	39						
	4SD8/28	4	5.5	180	169	158	148	139	131	118	100	73	45						
	4SD8/32	4	5.5	206	193	180	169	159	149	135	114	84	52						
	4SD8/36	5.5	7.5	232	218	203	191	179	168	152	128	94	58						
	4SD8/40	5.5	7.5	258	242	225	212	198	187	169	143	105	65						
	4SD8/44	7.5	10	283	266	248	233	218	205	186	157	116	72						
	4SD8/48	7.5	10	309	290	270	254	238	224	203	171	126	78						



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 4"  
Maximum fluid temperature up to +35°C.  
Maximum sand content: 0.25%.  
Maximum immersion: 80m.

## Specifications

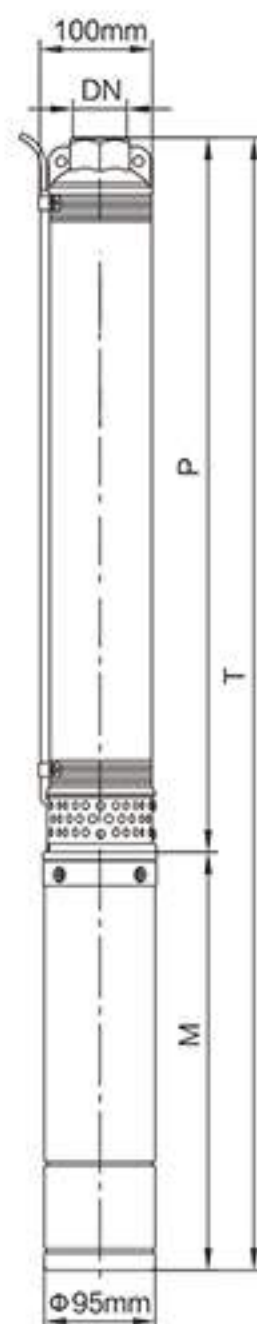
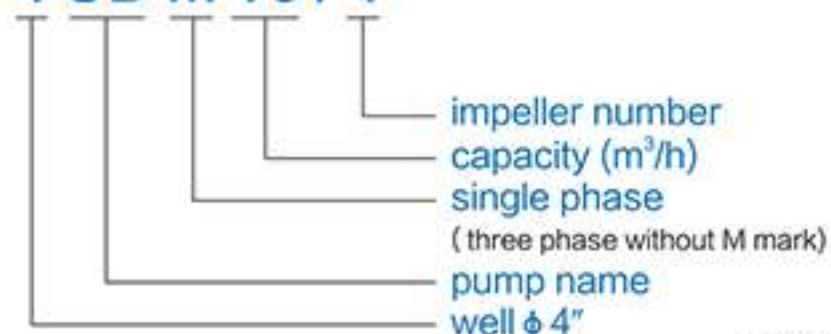
Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	① Cast-Cu ASTM C85500 ② AISI 304 SS
Suction lantern	① Cast-Cu ASTM C85500 ② AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic. POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS & Ceramic
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C85500 ② AISI 403 SS ③ Cast-iron ASTM N0.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045 / 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutical use.

## Options on request

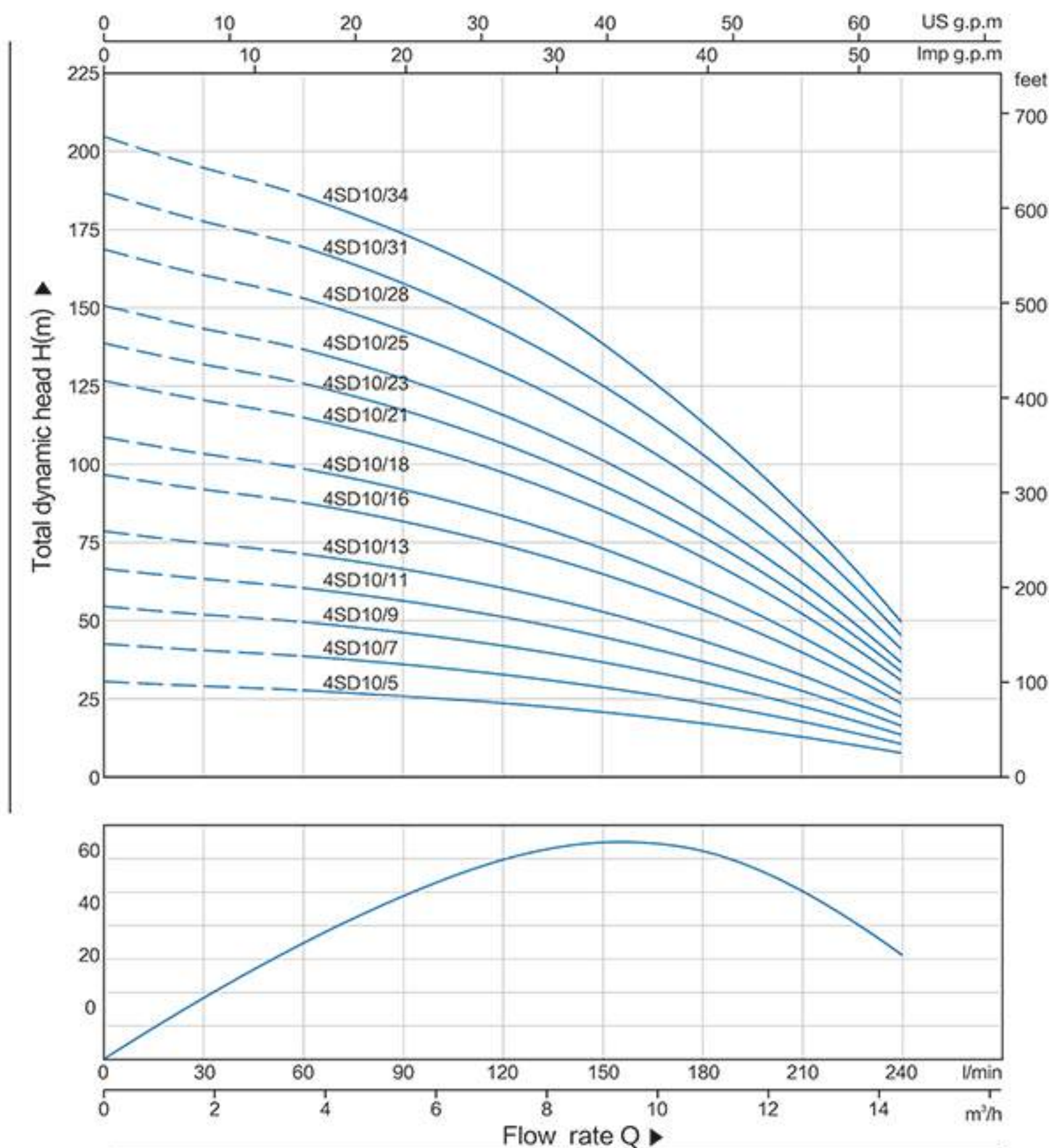
Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz  
Single phase motor with built-in capacitor

4SDM10/4



MODEL		DN	DIMENSIONS(mm)				WEIGHT(kg)					
1~ 220V/240V	3~ 380V/415V		P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>	P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>
4SDM10/4	4SD10/4	1.25" / 1.5" / 2"	399	300	300	699	669	3.5	7.7	7.7	11.2	11.2
4SDM10/5	4SD10/5	1.25" / 1.5" / 2"	437	325	300	762	737	3.8	8.9	7.7	12.7	11.5
4SDM10/6	4SD10/6	1.25" / 1.5" / 2"	475	325	325	800	800	4.1	8.9	8.9	13.0	13.0
4SDM10/7	4SD10/7	1.25" / 1.5" / 2"	513	360	325	873	838	4.4	10.7	8.9	15.1	13.3
4SDM10/8	4SD10/8	1.25" / 1.5" / 2"	551	360	360	911	911	4.6	10.7	10.7	15.3	15.3
4SDM10/9	4SD10/9	1.25" / 1.5" / 2"	589	390	360	979	949	4.9	12.2	10.7	17.1	15.6
4SDM10/11	4SD10/11	1.25" / 1.5" / 2"	665	440	390	1105	1055	5.5	13.9	12.2	19.4	17.7
4SDM10/13	4SD10/13	1.25" / 1.5" / 2"	741	470	440	1211	1181	6.1	15.4	13.9	21.5	20.0
	4SD10/16	1.25" / 1.5" / 2"	855		475		1330	7.0		15.4		22.4
	4SD10/18	1.25" / 1.5" / 2"	931		505		1436	7.6		16.9		24.5
	4SD10/21	1.25" / 1.5" / 2"	1077		535		1612	8.5		18.4		26.9
	4SD10/23	1.25" / 1.5" / 2"	1153		565		1718	9.1		19.9		29.0
	4SD10/25	1.25" / 1.5" / 2"	1229		595		1824	9.7		21.4		31.1
	4SD10/28	1.25" / 1.5" / 2"	1343		625		1968	10.6		22.9		33.5
	4SD10/31	1.25" / 1.5" / 2"	1457		655		2112	11.5		24.4		35.9
	4SD10/34	1.25" / 1.5" / 2"	1571		685		2256	12.3		25.9		38.2

M<sub>(S)</sub> & T<sub>(S)</sub>: single phase motor  
M<sub>(T)</sub> & T<sub>(T)</sub>: three phase motor



## PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY																
1~ 220V/240V	3~ 380V/415V	KW	HP	Q	n = 2850 r/min															
					0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4							
				Q	0	30	60	90	120	150	180	210	240							
4SDM10/4	4SD10/4	0.75	1	H(m)	24	23	22	20	19	16	13	10	6							
4SDM10/5	4SD10/5	0.75	1		30	29	27	25	23	20	17	12	7							
4SDM10/6	4SD10/6	1.1	1.5		36	34	33	30	28	24	20	15	9							
4SDM10/7	4SD10/7	1.1	1.5		42	40	38	35	33	28	23	17	10							
4SDM10/8	4SD10/8	1.5	2		48	46	44	40	37	32	27	20	12							
4SDM10/9	4SD10/9	1.5	2		54	51	49	46	42	37	30	22	13							
4SDM10/11	4SD10/11	2.2	3		66	63	60	56	51	45	37	27	16							
4SDM10/13	4SD10/13	2.2	3		78	74	71	66	61	53	44	32	19							
	4SD10/16	3	4		96	91	87	81	75	65	54	40	23							
	4SD10/18	3	4		108	103	98	91	84	73	60	45	26							
	4SD10/21	4	5.5		126	120	114	106	98	85	70	52	30							
	4SD10/23	4	5.5		138	131	125	116	108	93	77	57	33							
	4SD10/25	5.5	7.5		150	143	136	126	117	101	84	62	36							
	4SD10/28	5.5	7.5		168	160	152	142	131	114	94	70	40							
	4SD10/31	7.5	10		186	177	169	157	145	126	104	77	45							
	4SD10/34	7.5	10		204	194	185	172	159	138	114	85	49							



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

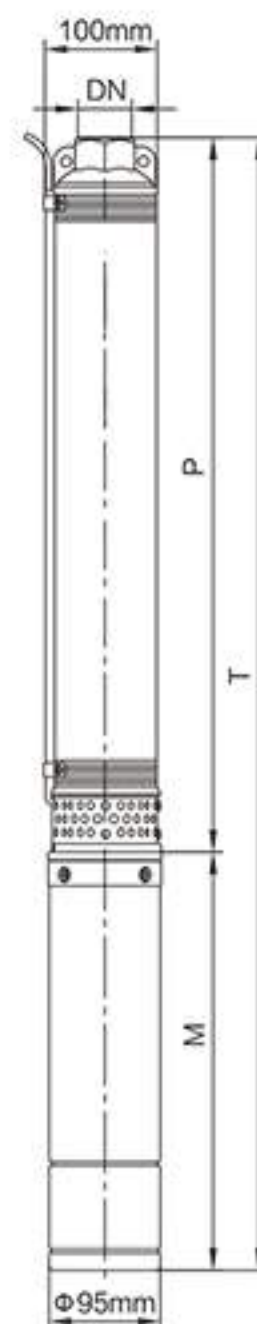
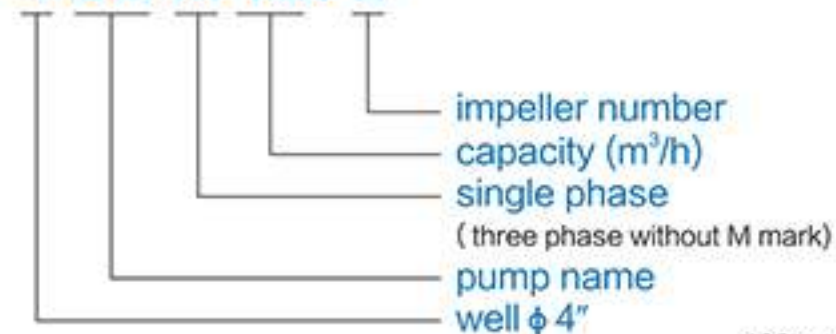
Minimum well diameter: 4"  
Maximum fluid temperature up to +35°C.  
Maximum sand content: 0.25%.  
Maximum immersion: 80m.

## Specifications

Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

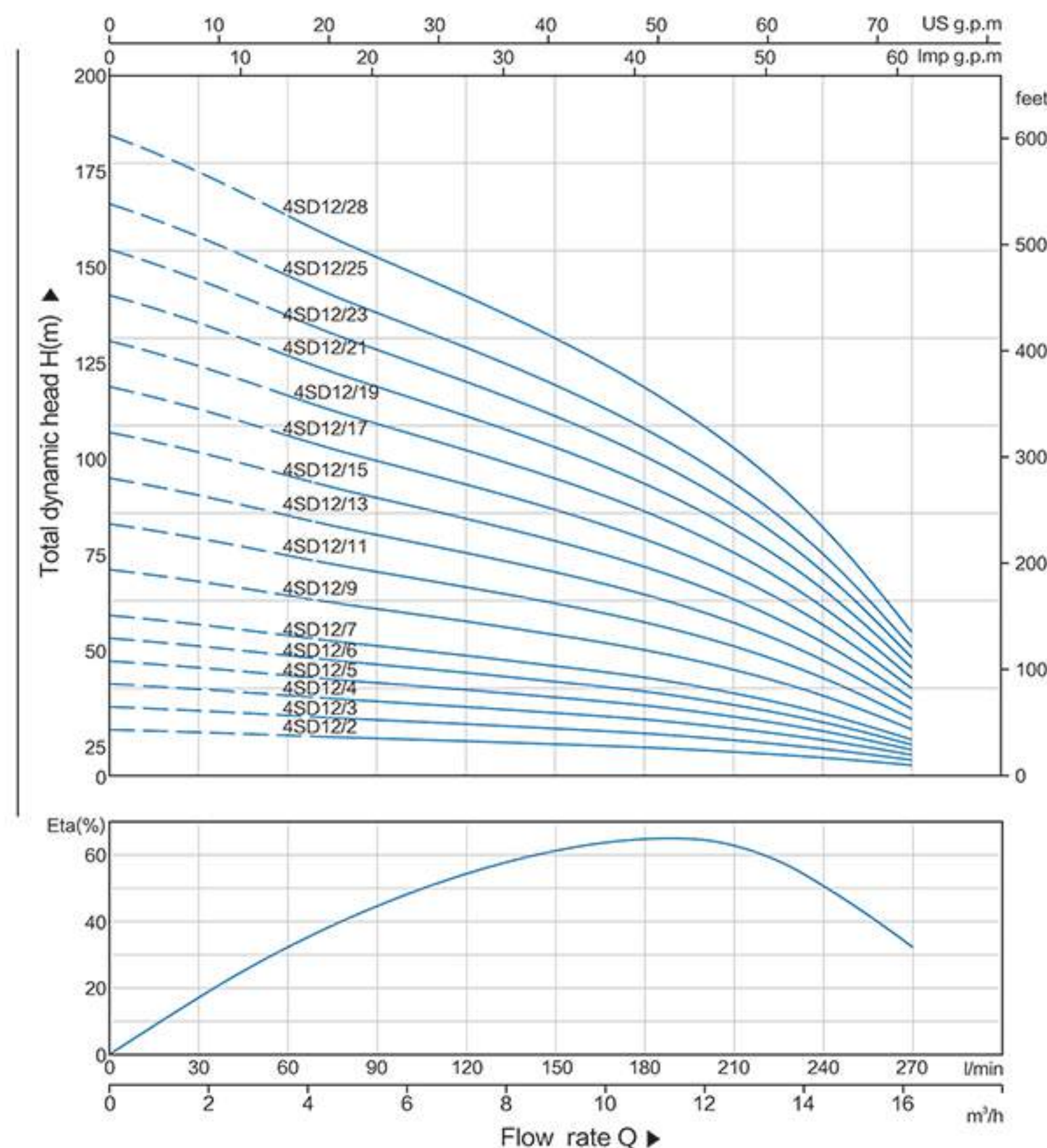
Components	Material
Pump external casing	AISI 304 SS
Delivery casing	① Cast-Cu ASTM C85500 ② AISI 304 SS
Suction lantern	① Cast-Cu ASTM C85500 ② AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic. POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS & Ceramic
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C85500 ② AISI 403 SS ③ Cast-iron ASTM N0.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045 / 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutical use.

## 4SDM12/2



MODEL		DN	DIMENSIONS(mm)				WEIGHT(kg)					
1~ 220V/240V	3~ 380V/415V		P	M(S)	M(T)	T(S)	T(T)	P	M(S)	M(T)	T(S)	T(T)
4SDM12/2	4SD12/2	1.25" / 1.5" / 2"	353	300	300	653	653	3.6	7.7	7.7	11.3	11.3
4SDM12/3	4SD12/3	1.25" / 1.5" / 2"	402	325	300	727	702	3.9	8.9	7.7	12.8	11.6
4SDM12/4	4SD12/4	1.25" / 1.5" / 2"	450	325	325	775	775	4.3	8.9	8.9	13.2	13.2
4SDM12/5	4SD12/5	1.25" / 1.5" / 2"	499	360	325	859	824	4.7	10.7	8.9	15.4	13.6
4SDM12/6	4SD12/6	1.25" / 1.5" / 2"	548	360	360	908	908	5.1	10.7	10.7	15.8	15.8
4SDM12/7	4SD12/7	1.25" / 1.5" / 2"	596	390	360	986	956	5.5	12.2	10.7	17.7	16.2
4SDM12/9	4SD12/9	1.25" / 1.5" / 2"	693	440	390	1133	1083	6.2	13.9	12.2	20.1	18.4
4SDM12/11	4SD12/11	1.25" / 1.5" / 2"	791	470	440	1261	1231	7.0	15.4	13.9	22.4	20.9
	4SD12/13	1.25" / 1.5" / 2"	888		475		1363	7.7		15.4		23.1
	4SD12/15	1.25" / 1.5" / 2"	985		505		1094	8.5		16.9		25.4
	4SD12/17	1.25" / 1.5" / 2"	1082		535		1617	9.3		18.4		27.7
	4SD12/19	1.25" / 1.5" / 2"	1179		565		1744	10.0		19.9		29.9
	4SD12/21	1.25" / 1.5" / 2"	1308		595		1903	10.8		21.4		32.2
	4SD12/23	1.25" / 1.5" / 2"	1405		625		2030	11.5		22.9		34.4
	4SD12/25	1.25" / 1.5" / 2"	1503		655		2158	12.3		24.4		36.7
	4SD12/28	1.25" / 1.5" / 2"	1648		685		2333	13.4		25.9		39.3

M(S) & T(S): single phase motor  
M(T) & T(T): three phase motor



## PERFORMANCE DATA

MODEL	50Hz	POWER		DELIVERY	n = 2850 r/min																
		KW	HP		Q	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2						
1~ 220V/240V	3~ 380V/415V			Q	0	30	60	90	120	150	180	210	240	270							
4SDM12/2	4SD12/2	0.75	1	H(m)	13	12	11	11	10	9	8	7	5	3							
4SDM12/3	4SD12/3	0.75	1		20	19	17	16	15	13	12	10	8	4							
4SDM12/4	4SD12/4	1.1	1.5		26	25	23	21	20	18	16	13	10	6							
4SDM12/5	4SD12/5	1.1	1.5		33	31	29	26	24	22	20	17	13	7							
4SDM12/6	4SD12/6	1.5	2		39	37	34	32	29	27	24	20	15	9							
4SDM12/7	4SD12/7	1.5	2		46	43	40	37	34	31	28	23	18	10							
4SDM12/9	4SD12/9	2.2	3		59	56	51	48	44	40	36	30	23	13							
4SDM12/11	4SD12/11	2.2	3		72	68	63	58	54	49	44	37	28	16							
	4SD12/13	3	4		85	80	74	69	64	58	52	44	33	19							
	4SD12/15	3	4		98	93	86	79	73	67	60	50	38	22							
	4SD12/19	4	5.5		111	105	97	90	83	76	68	57	43	25							
	4SD12/21	4	5.5		124	117	109	100	93	85	76	64	48	28							
	4SD12/23	5.5	7.5		137	130	120	111	103	94	84	70	53	31							
	4SD12/25	5.5	7.5		150	142	131	122	113	103	92	77	58	34							
	4SD12/25	7.5	10		163	154	143	132	122	112	100	84	63	37							
	4SD12/28	7.5	10		183	173	160	137	137	125	112	94	71	41							



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 4".  
Maximum fluid temperature up to +50°C.  
Maximum sand content: 0.25%.  
Maximum immersion: 80m.

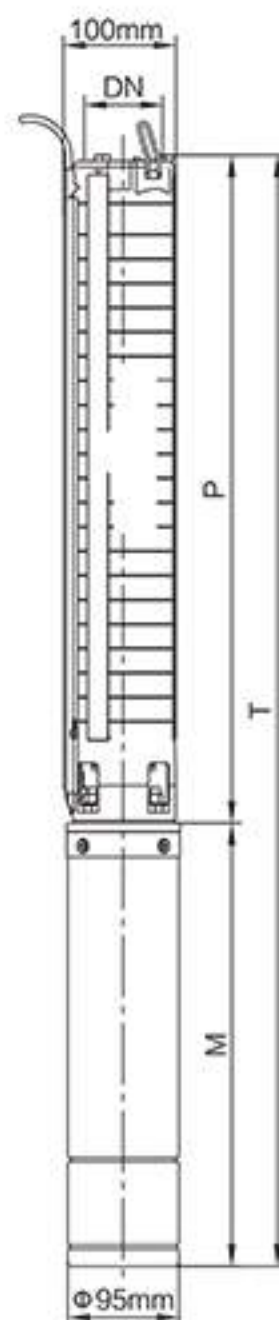
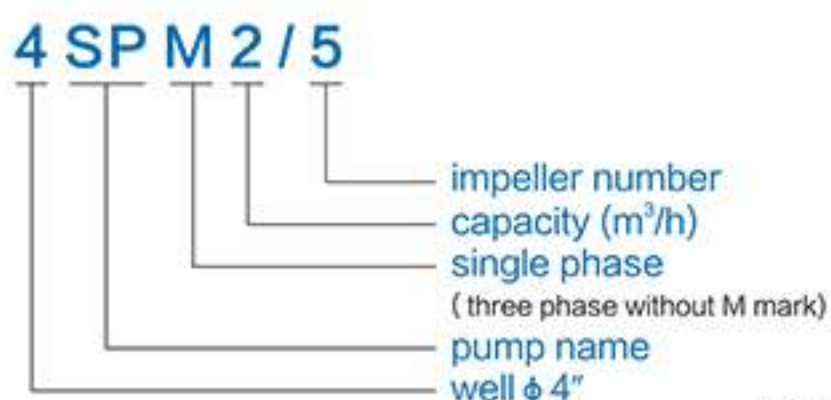
## Specifications

Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

Components	Material
Pump external casing	① AISI 304 SS ② AISI 316 SS
Delivery casing	① AISI 304 SS ② AISI 316 SS
Suction lantern	① AISI 304 SS ② AISI 316 SS
Diffuser	① AISI 304 SS ② AISI 316 SS
Impeller	① AISI 304 SS ② AISI 316 SS
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C85500 ② AISI 403 SS ③ Cast-iron ASTM N0.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045 / 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutical use.

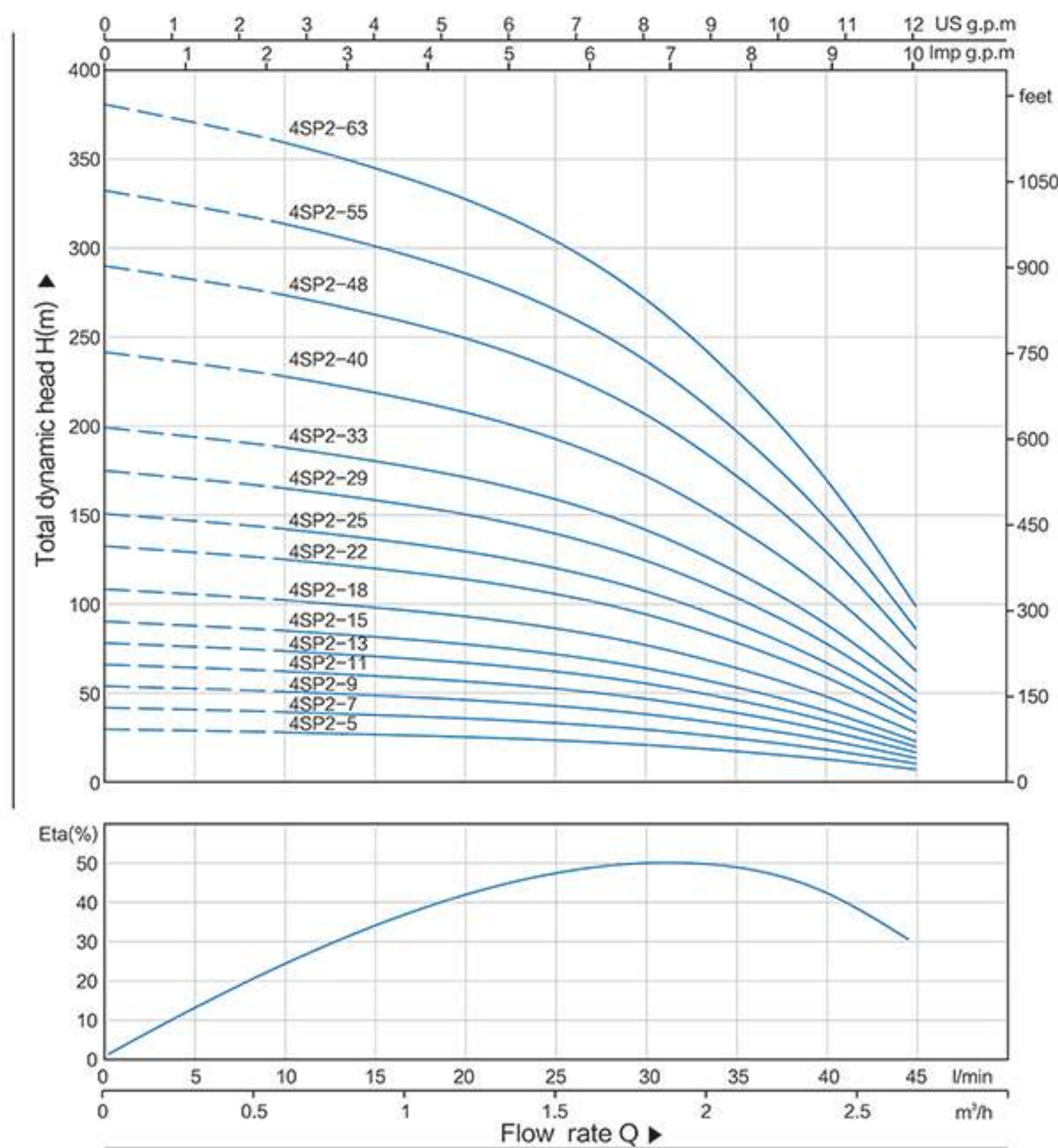
## Options on request

Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz  
Single phase motor with built-in capacitor



MODEL		DN	DIMENSIONS(mm)					WEIGHT(kg)				
1~ 220V/240V	3~ 380V/415V		P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>	P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>
4SPM2-5	4SP2-5	1.25" / 1.5"	260	265	265	525	525	2.3	5.9	5.9	8.2	8.2
4SPM2-7	4SP2-7	1.25" / 1.5"	302	275	275	577	557	2.7	6.4	6.4	9.1	9.1
4SPM2-9	4SP2-9	1.25" / 1.5"	344	285	275	629	619	3.1	6.9	6.4	10.0	9.5
4SPM2-11	4SP2-11	1.25" / 1.5"	386	285	285	671	671	3.5	6.9	6.9	10.4	10.4
4SPM2-13	4SP2-13	1.25" / 1.5"	428	300	285	728	713	4.0	7.7	6.9	11.7	10.9
4SPM2-15	4SP2-15	1.25" / 1.5"	470	300	300	770	770	4.4	7.7	7.7	12.1	12.1
4SPM2-18	4SP2-18	1.25" / 1.5"	533	325	300	858	833	5.1	8.9	7.7	14.0	12.8
4SPM2-22	4SP2-22	1.25" / 1.5"	617	325	325	942	942	5.9	8.9	8.9	14.8	14.8
4SPM2-25	4SP2-25	1.25" / 1.5"	680	360	325	1040	1005	6.6	10.7	8.9	17.3	15.5
4SPM2-29	4SP2-29	1.25" / 1.5"	764	360	360	1124	1124	7.4	10.7	10.7	18.1	18.1
4SPM2-33	4SP2-33	1.25" / 1.5"	848	390	360	1238	1208	8.3	12.2	10.7	20.5	19.0
4SPM2-40	4SP2-40	1.25" / 1.5"	995	440	390	1435	1385	9.8	13.9	12.2	23.7	22.0
4SPM2-48	4SP2-48	1.25" / 1.5"	1163	470	440	1633	1603	11.5	15.4	13.9	26.9	25.4
	4SP2-55	1.25" / 1.5"	1310		475		1785	13.0		15.4		28.4
	4SP2-63	1.25" / 1.5"	1487		505		1983	14.8		16.9		31.7

M<sub>(S)</sub> & T<sub>(S)</sub>: single phase motor  
M<sub>(T)</sub> & T<sub>(T)</sub>: three phase motor



## PERFORMANCE DATA

MODEL 50Hz		POWER		Q	DELIVERY																			
1~ 220V/240V	3~ 380V/415V	KW	HP		n = 2850 r/min																			
0	0.3	0.6	0.9		1.2	1.5	1.8	2.1	2.4	2.7	0	5	10	15	20	25	30	35	40	45				
4SPM2-5	4SP2-5	0.25	0.33	H(m)	30	29	28	27	25	24	21	18	13	8	0	5	10	15	20	25	30	35	40	45
4SPM2-7	4SP2-7	0.37	0.5		41	40	39	38	36	33	30	25	19	11	53	52	50	48	46	43	38	32	24	14
4SPM2-9	4SP2-9	0.37	0.5		53	52	50	48	46	43	38	32	24	14	65	63	61	59	56	52	46	39	29	17
4SPM2-11	4SP2-11	0.55	0.75		65	63	61	59	56	52	46	39	29	17	77	75	73	70	66	61	55	46	34	20
4SPM2-13	4SP2-13	0.55	0.75		77	75	73	70	66	61	55	46	34	20	89	86	84	80	76	71	63	53	40	23
4SPM2-15	4SP2-15	0.75	1		89	86	84	80	76	71	63	53	40	23	107	104	101	97	92	85	76	63	48	28
4SPM2-18	4SP2-18	0.75	1		107	104	101	97	92	85	76	63	48	28	130	127	123	118	112	104	93	78	58	34
4SPM2-22	4SP2-22	1.1	1.5		130	127	123	118	112	104	93	78	58	34	148	144	140	134	127	118	106	88	66	38
4SPM2-25	4SP2-25	1.1	1.5		148	144	140	134	127	118	106	88	66	38	172	167	162	156	148	137	122	102	77	45
4SPM2-29	4SP2-29	1.5	2		172	167	162	156	148	137	122	102	77	45	195	190	184	177	168	156	139	116	87	51
4SPM2-33	4SP2-33	1.5	2		195	190	184	177	168	156	139	116	87	51	237	230	223	215	204	189	169	141	106	62
4SPM2-40	4SP2-40	2.2	3		237	230	223	215	204	189	169	141	106	62	284	277	268	258	245	227	203	169	127	74
4SPM2-48	4SP2-48	2.2	3		284	277	268	258	245	227	203	169	127	74	326	317	307	295	280	260	232	194	146	85
	4SP2-55	3	4		326	317	307	295	280	260	232	194	146	85	373	363	352	338	321	298	266	222	167	97
	4SP2-63	3	4		373	363	352	338	321	298	266	222	167	97										



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 4".  
Maximum fluid temperature up to +50°C.  
Maximum sand content: 0.25%.  
Maximum immersion: 80m.

## Specifications

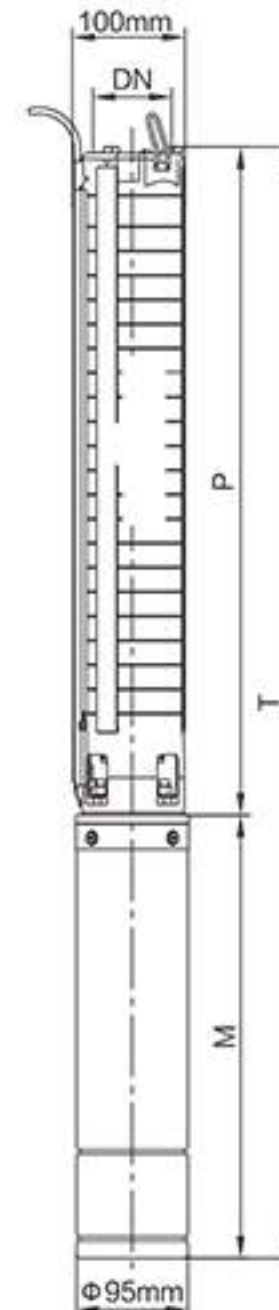
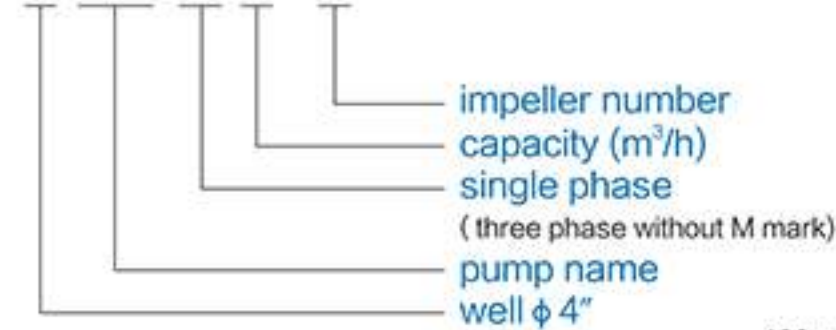
Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

## Options on request

Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz  
Single phase motor with built-in capacitor

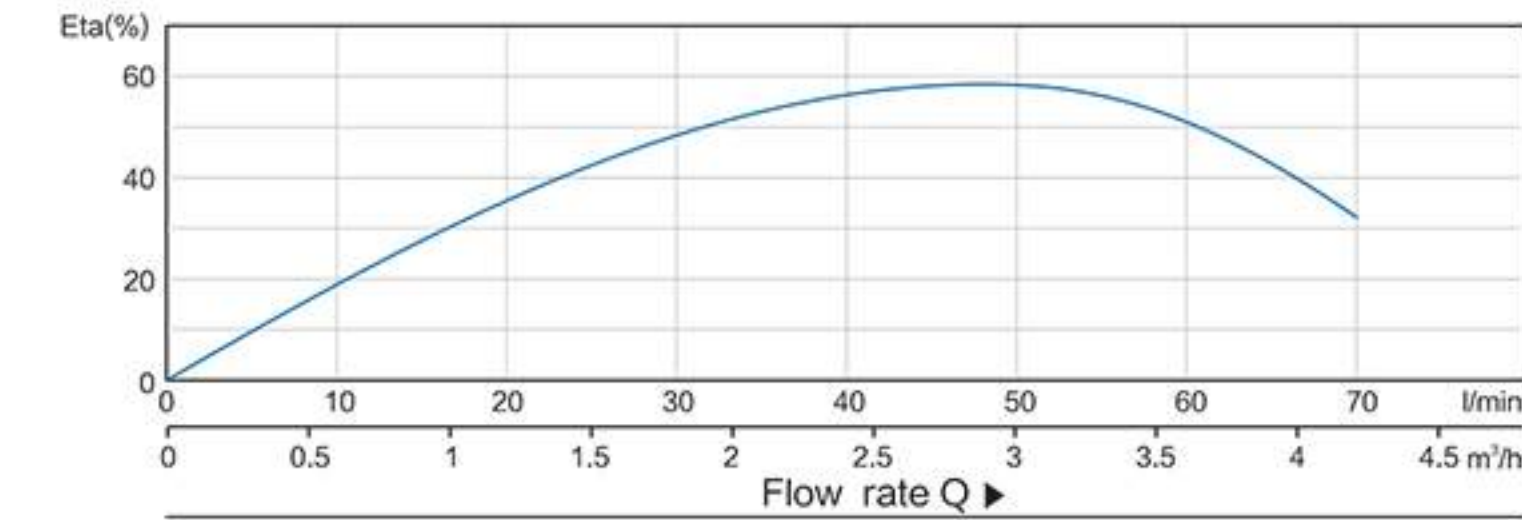
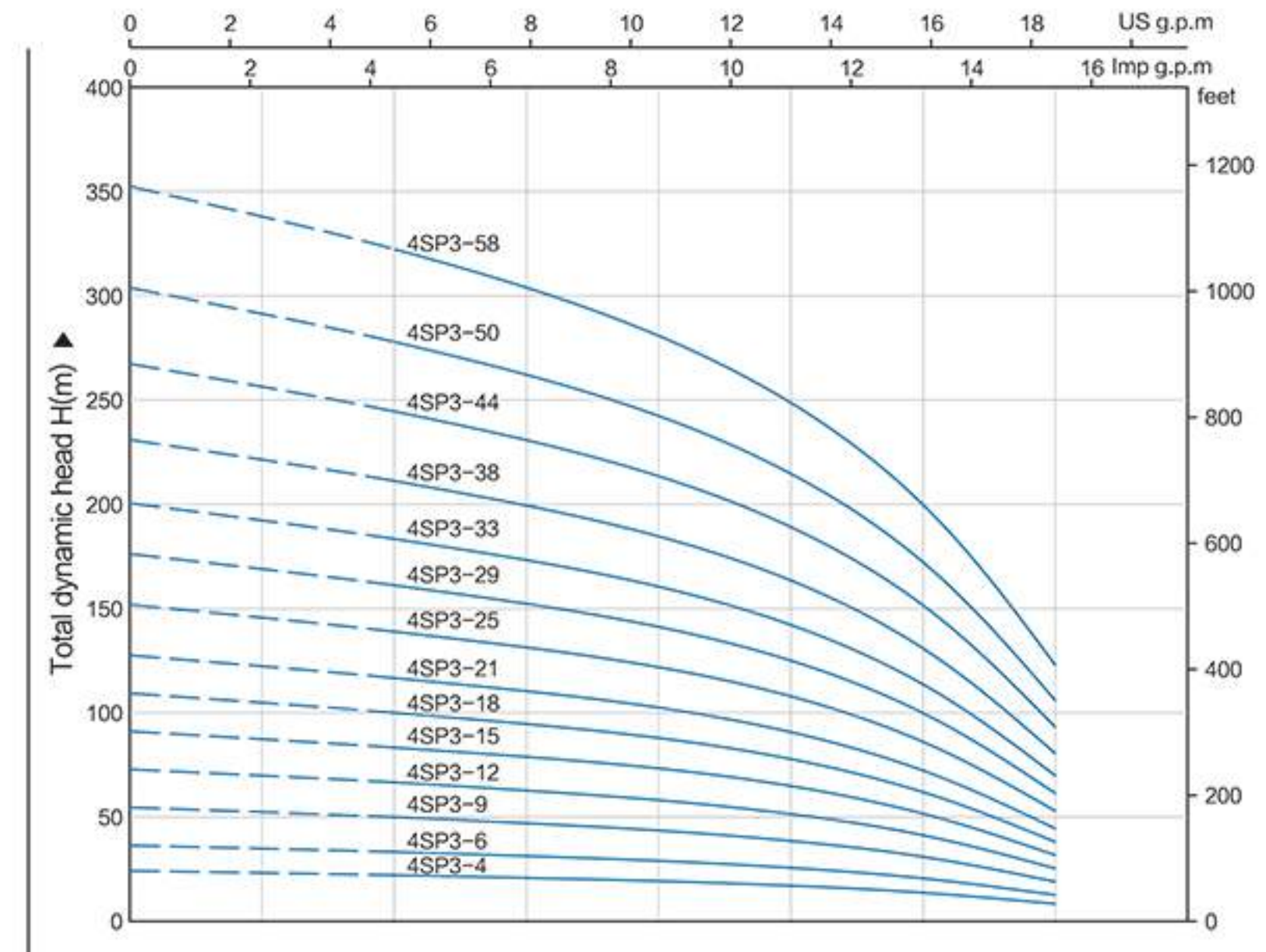
Components	Material
Pump external casing	① AISI 304 SS ② AISI 316 SS
Delivery casing	① AISI 304 SS ② AISI 316 SS
Suction lantern	① AISI 304 SS ② AISI 316 SS
Diffuser	① AISI 304 SS ② AISI 316 SS
Impeller	① AISI 304 SS ② AISI 316 SS
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C85500 ② AISI 403 SS ③ Cast-iron ASTM N0.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045 / 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutical use.

## 4 S P M 3 / 4



MODEL		DN	DIMENSIONS(mm)				WEIGHT(kg)					
1~ 220V/240V	3~ 380V/415V		P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>	P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>
4SPM3-4	4SP3-4	1.25" / 1.5"	239	265	265	504	504	2.1	5.9	5.9	8.0	8.0
4SPM3-6	4SP3-6	1.25" / 1.5"	281	285	275	566	556	2.5	6.9	6.4	9.4	8.9
4SPM3-9	4SP3-9	1.25" / 1.5"	344	300	285	644	629	3.2	7.7	6.9	10.9	10.1
4SPM3-12	4SP3-12	1.25" / 1.5"	407	325	300	732	707	3.8	8.9	7.7	12.7	11.5
4SPM3-15	4SP3-15	1.25" / 1.5"	470	325	325	795	795	4.5	8.9	8.9	13.4	13.4
4SPM3-18	4SP3-18	1.25" / 1.5"	533	360	325	839	858	5.1	10.7	8.9	15.8	14.0
4SPM3-21	4SP3-21	1.25" / 1.5"	596	360	360	956	956	5.8	10.7	10.7	16.5	16.5
4SPM3-25	4SP3-25	1.25" / 1.5"	680	390	360	1070	1040	6.6	12.2	10.7	18.8	17.3
4SPM3-29	4SP3-29	1.25" / 1.5"	764	440	390	1204	1154	7.5	13.9	12.2	21.4	19.7
4SPM3-33	4SP3-33	1.25" / 1.5"	848	470	440	1318	1288	8.4	15.4	13.9	23.8	22.3
	4SP3-38	1.25" / 1.5"	953		475		1428	9.5		15.4		24.9
	4SP3-44	1.25" / 1.5"	1079		505		1584	10.8		16.9		27.7
	4SP3-50	1.25" / 1.5"	1205		535		1740	12.1		18.4		30.5
	4SP3-58	1.25" / 1.5"	1373		565		1938	13.8		19.9		33.7

M<sub>(S)</sub> & T<sub>(S)</sub>: single phase motor  
M<sub>(T)</sub> & T<sub>(T)</sub>: three phase motor



## PERFORMANCE DATA

MODEL 50Hz		POWER		Q m <sup>3</sup> /h l/min	DELIVERY							
1~ 220V/240V	3~ 380V/415V	KW	HP		n = 2850 r/min							
0	10	20	30		40	50	60	70				
4SPM3-4	4SP3-4	0.25	0.33	24	23	22	21	19	17	14	8	
4SPM3-6	4SP3-6	0.37	0.5	36	35	33	31	29	26	21	13	
4SPM3-9	4SP3-9	0.55	0.75	55	52	50	47	44	39	31	19	
4SPM3-12	4SP3-12	0.75	1	73	70	67	63	58	51	41	25	
4SPM3-15	4SP3-15	1.1	1.5	91	87	83	78	73	64	52	32	
4SPM3-18	4SP3-18	1.1	1.5	109	105	100	94	87	77	62	38	
4SPM3-21	4SP3-21	1.5	2	128	122	117	110	102	90	72	44	
4SPM3-25	4SP3-25	1.5	2	152	146	139	131	121	107	86	53	
4SPM3-29	4SP3-29	2.2	3	176	169	161	152	141	124	100	61	
4SPM3-33	4SP3-33	2.2	3	201	192	183	173	160	142	114	70	
	4SP3-38	3	4	231	221	211	199	184	163	131	80	
	4SP3-44	3	4	267	256	245	230	213	189	151	93	
	4SP3-50	4	5.5	304	291	278	262	242	214	172	106	
	4SP3-58	4	5.5	352	338	322	303	281	249	200	123	



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 4".  
Maximum fluid temperature up to +50°C.  
Maximum sand content: 0.25%.  
Maximum immersion: 80m.

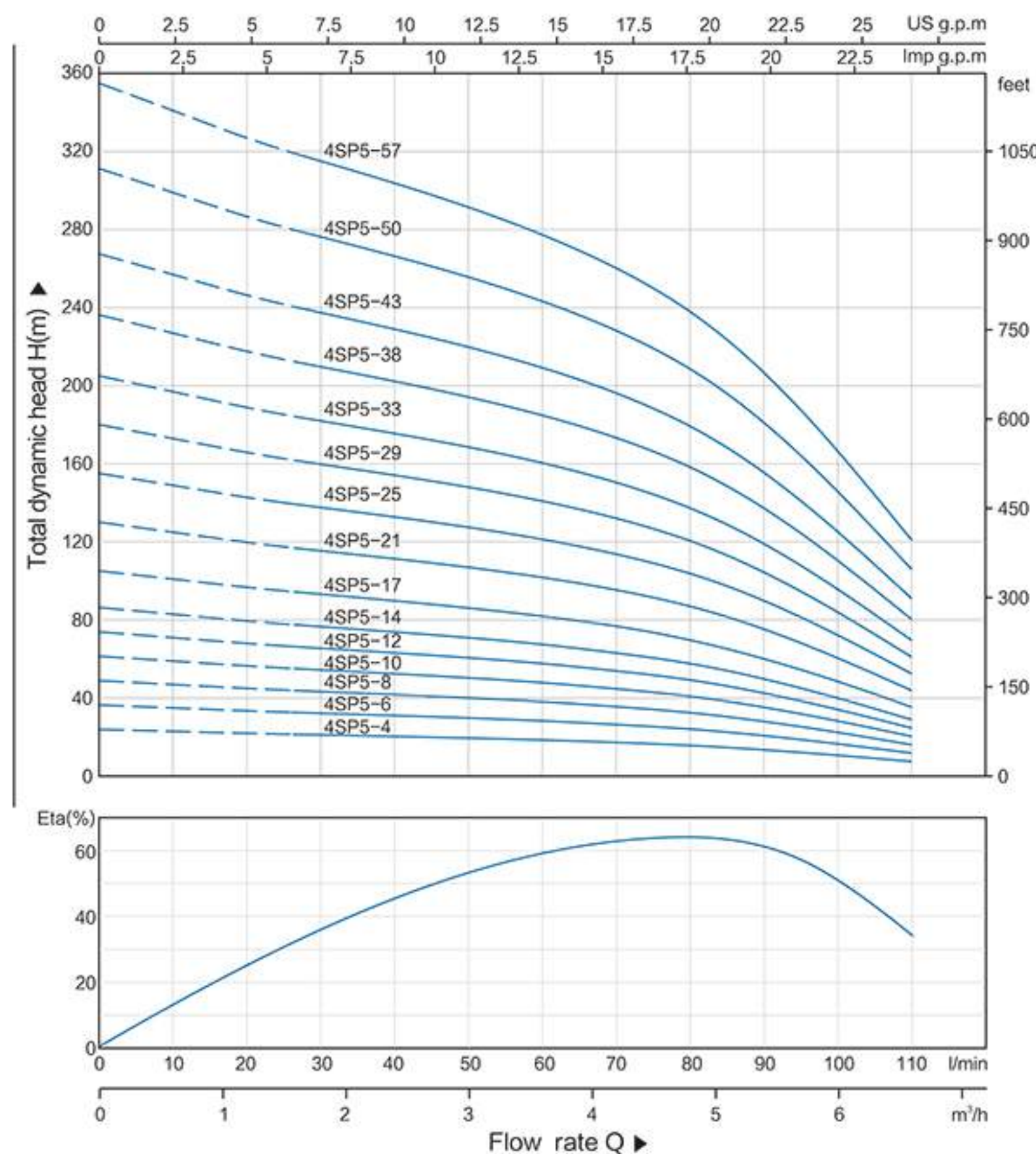
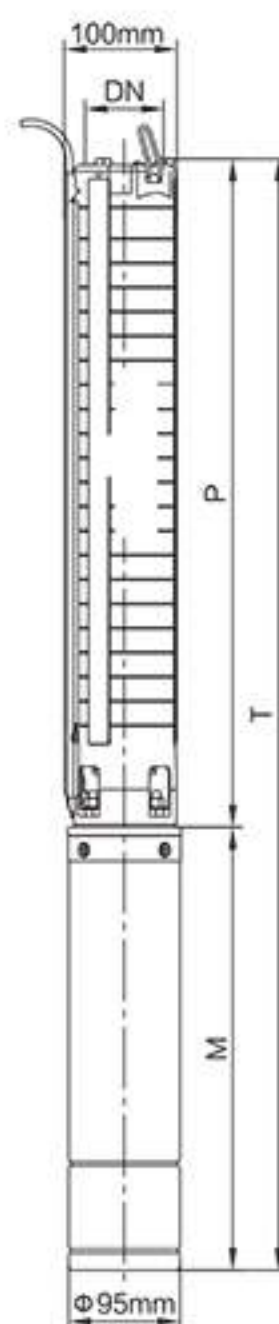
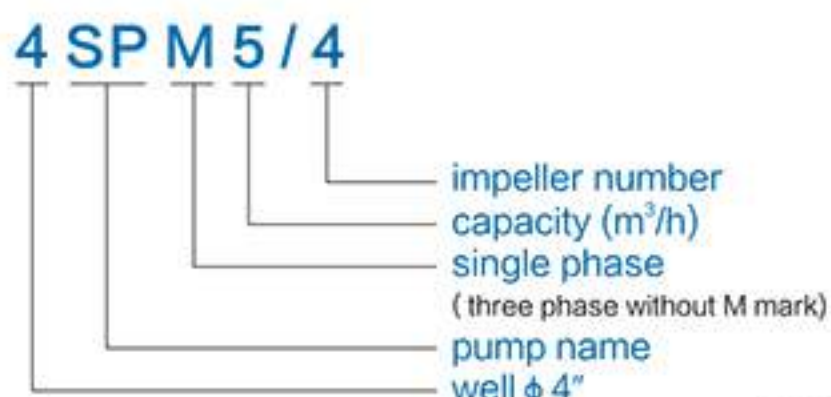
## Specifications

Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

## Options on request

Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz  
Single phase motor with built-in capacitor

Components	Material
Pump external casing	① AISI 304 SS ② AISI 316 SS
Delivery casing	① AISI 304 SS ② AISI 316 SS
Suction lantern	① AISI 304 SS ② AISI 316 SS
Diffuser	① AISI 304 SS ② AISI 316 SS
Impeller	① AISI 304 SS ② AISI 316 SS
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C85500 ② AISI 403 SS ③ Cast-iron ASTM N0.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045 / 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



MODEL		DN	DIMENSIONS(mm)				WEIGHT(kg)					
1~ 220V/240V	3~ 380V/415V		P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>	P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>
4SPM5-4	4SP5-4	1.25" / 1.5"	251	285	275	536	526	2.2	6.9	6.4	9.1	8.6
4SPM5-6	4SP5-6	1.25" / 1.5"	299	300	285	599	584	2.6	7.7	6.9	10.3	9.5
4SPM5-8	4SP5-8	1.25" / 1.5"	347	325	300	672	647	3.1	8.9	7.7	12.0	10.8
4SPM5-10	4SP5-10	1.25" / 1.5"	395	325	325	720	720	3.5	8.9	8.9	12.4	12.4
4SPM5-12	4SP5-12	1.25" / 1.5"	443	360	325	803	768	4.0	10.7	8.9	14.7	12.9
4SPM5-14	4SP5-14	1.25" / 1.5"	491	360	360	851	851	4.4	10.7	10.7	15.1	15.1
4SPM5-17	4SP5-17	1.25" / 1.5"	563	390	360	953	923	5.1	12.2	10.7	17.3	15.8
4SPM5-21	4SP5-21	1.25" / 1.5"	659	440	390	1099	1049	6.1	13.9	12.2	20.0	18.3
4SPM5-25	4SP5-25	1.25" / 1.5"	755	470	440	1225	1195	7.0	15.4	13.9	22.4	20.9
	4SP5-29	1.25" / 1.5"	851		475		1326	7.9		15.4		23.3
	4SP5-33	1.25" / 1.5"	947		505		1452	8.8		16.9		25.7
	4SP5-38	1.25" / 1.5"	1067		535		1602	10.0		18.4		28.4
	4SP5-43	1.25" / 1.5"	1187		565		1752	11.1		19.9		31.0
	4SP5-50	1.25" / 1.5"	1355		595		1950	12.7		21.4		34.1
	4SP5-57	1.25" / 1.5"	1523		625		2148	14.3		22.9		37.2

## PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY															
1~ 220V/240V	3~ 380V/415V	KW	HP	n = 2850 r/min															
				Q	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6			
				m <sup>3</sup> /h l/min	0	10	20	30	40	50	60	70	80	90	100	110			
4SPM5-4	4SP5-4	0.37	0.5	H(m)	25	24	23	22	21	21	20	18	17	15	12	9			
4SPM5-6	4SP5-6	0.55	0.75		37	36	35	33	32	31	29	27	25	22	18	13			
4SPM5-8	4SP5-8	0.75	1		50	48	46	44	43	41	39	37	34	29	23	17			
4SPM5-10	4SP5-10	1.1	1.5		62	60	58	55	54	51	49	46	42	36	29	21			
4SPM5-12	4SP5-12	1.1	1.5		75	72	69	67	64	62	59	55	50	44	35	26			
4SPM5-14	4SP5-14	1.5	2		87	84	81	78	75	72	69	64	59	51	41	30			
4SPM5-17	4SP5-17	1.5	2		106	102	98	94	91	87	83	78	71	62	50	36			
4SPM5-21	4SP5-21	2.2	3		131	126	121	116	112	108	103	96	88	76	62	45			
4SPM5-25	4SP5-25	2.2	3		156	150	144	139	134	129	122	114	105	91	73	54			
	4SP5-29	3	4		181	174	167	161	155	149	142	133	122	105	85	62			
	4SP5-33	3	4		206	198	190	183	177	170	162	151	138	120	97	71			
	4SP5-38	4	5.5		237	228	219	211	203	195	186	174	159	138	111	81			
	4SP5-43	4	5.5		269	258	247	238	230	221	210	197	180	156	126	92			
	4SP5-50	5.5	7.5		312	300	288	277	268	257	245	229	210	182	146	107			
	4SP5-57	5.5	7.5		356	342	328	316	305	293	279	261	239	207	167	122			



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 4".  
Maximum fluid temperature up to +50°C.  
Maximum sand content: 0.25%.  
Maximum immersion: 80m.

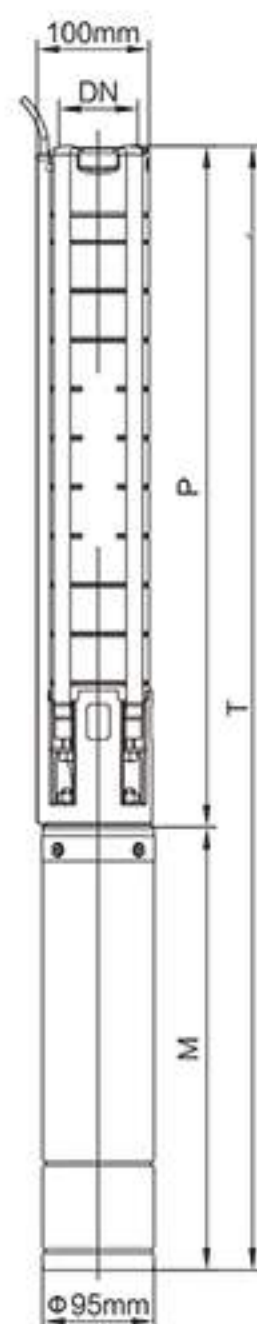
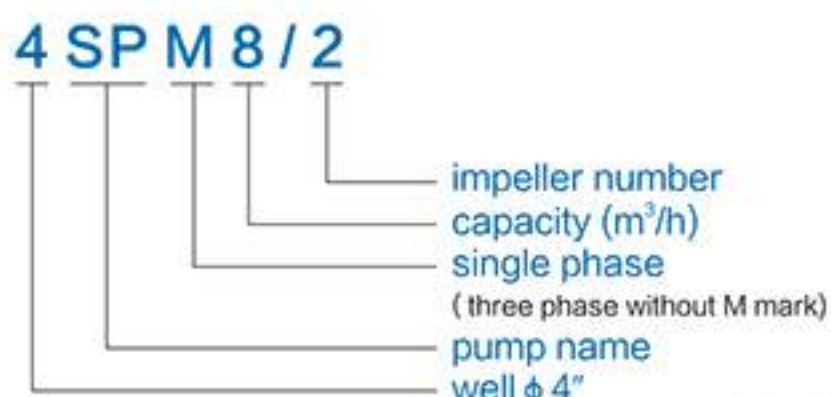
## Specifications

Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

Components	Material
Pump external casing	① AISI 304 SS ② AISI 316 SS
Delivery casing	① AISI 304 SS ② AISI 316 SS
Suction lantern	① AISI 304 SS ② AISI 316 SS
Diffuser	① AISI 304 SS ② AISI 316 SS
Impeller	① AISI 304 SS ② AISI 316 SS
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C85500 ② AISI 403 SS ③ Cast-iron ASTM N0.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045 / 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutical use.

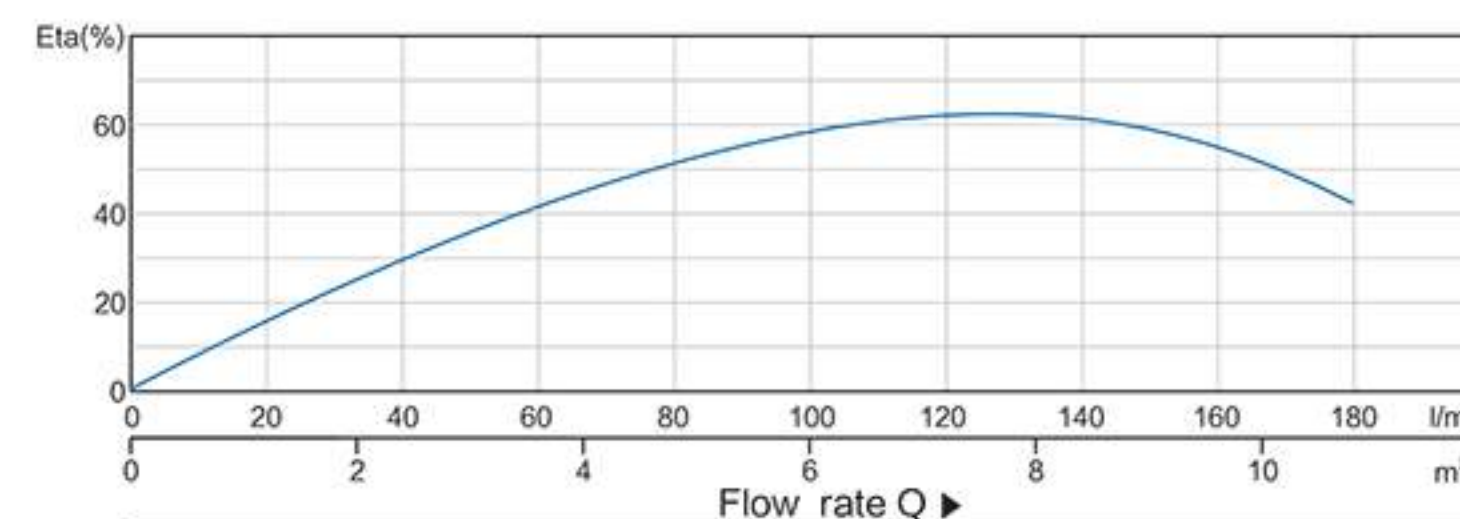
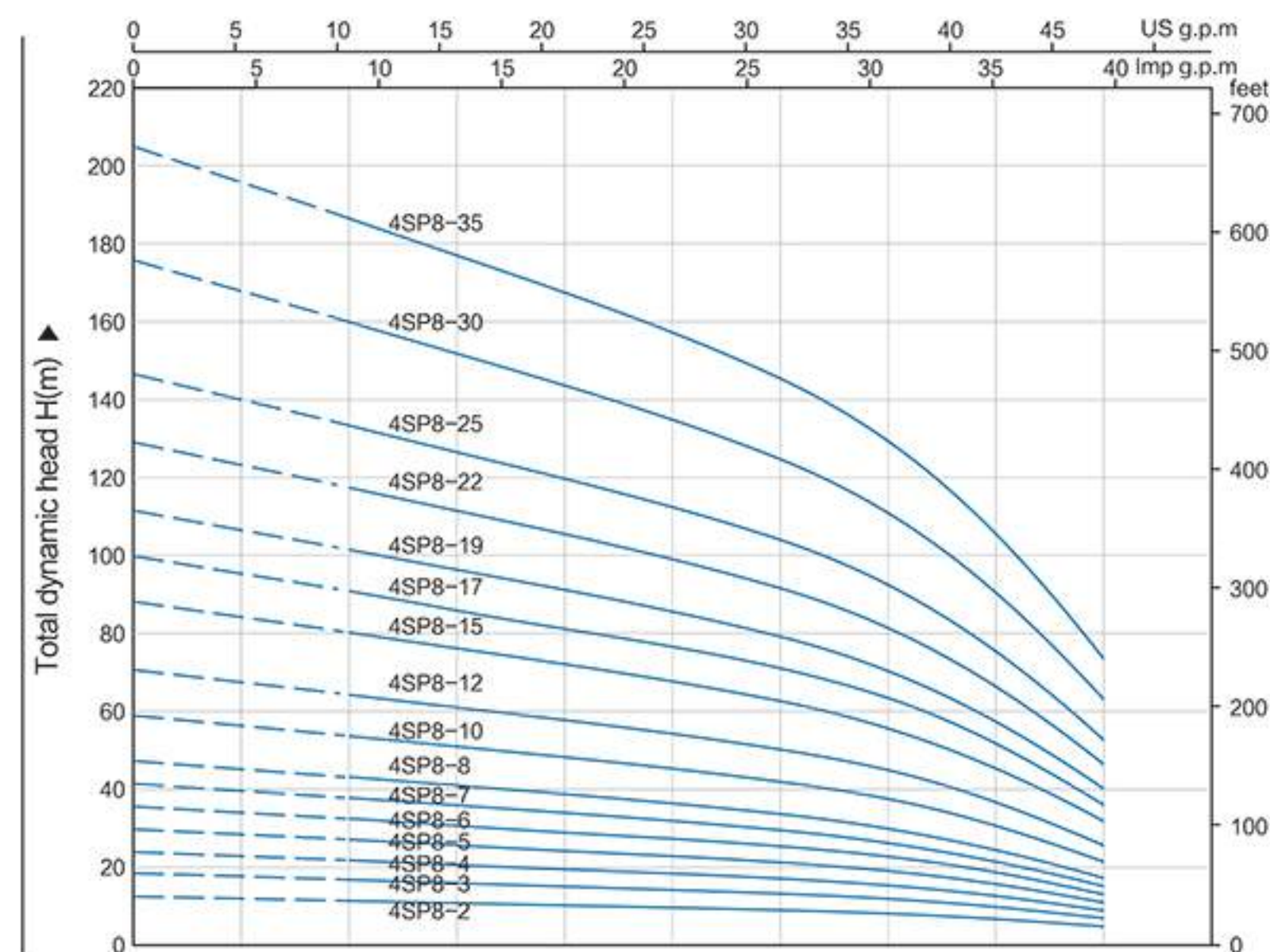
## Options on request

Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz  
Single phase motor with built-in capacitor



MODEL		DN	DIMENSIONS(mm)					WEIGHT(kg)				
1~ 220V/240V	3~ 380V/415V		P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>	P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>
4SPM8-2	4SP8-2	1.5" / 2"	289	285	285	574	574	3.2	6.9	6.9	10.1	10.1
4SPM8-3	4SP8-3	1.5" / 2"	331	300	285	631	615	3.6	7.7	6.9	11.3	10.5
4SPM8-4	4SP8-4	1.5" / 2"	373	300	300	673	673	4.0	7.7	7.7	11.7	11.7
4SPM8-5	4SP8-5	1.5" / 2"	415	325	300	740	715	4.4	8.9	7.7	13.3	12.1
4SPM8-6	4SP8-6	1.5" / 2"	457	325	325	782	782	4.7	8.9	8.9	13.6	13.6
4SPM8-7	4SP8-7	1.5" / 2"	499	360	325	859	824	5.0	10.7	8.9	15.7	13.9
4SPM8-8	4SP8-8	1.5" / 2"	541	360	360	901	901	5.4	10.7	10.7	16.1	16.1
4SPM8-10	4SP8-10	1.5" / 2"	625	390	360	1015	985	6.0	12.2	10.7	18.2	16.7
4SPM8-12	4SP8-12	1.5" / 2"	709	440	390	1149	1099	6.7	13.9	12.2	20.6	18.9
4SPM8-15	4SP8-15	1.5" / 2"	835	470	440	1305	1275	7.7	15.4	13.9	23.1	21.6
	4SP8-17	1.5" / 2"	919		475		1394	8.4		15.4		23.8
	4SP8-19	1.5" / 2"	1003		505		1508	9.0		16.9		25.9
	4SP8-22	1.5" / 2"	1129		535		1664	10.1		18.4		28.5
	4SP8-25	1.5" / 2"	1255		565		1820	11.1		19.9		31.0
	4SP8-30	1.5" / 2"	1465		595		2060	12.7		21.4		34.1
	4SP8-35	1.5" / 2"	1675		625		2300	14.4		22.9		37.3

M<sub>(S)</sub> & T<sub>(S)</sub>: single phase motor  
M<sub>(T)</sub> & T<sub>(T)</sub>: three phase motor



## PERFORMANCE DATA

MODEL	50Hz	POWER		DELIVERY	n = 2850 r/min									
		KW	HP		Q	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6
1~ 220V/240V	3~ 380V/415V			H(m)	0	20	40	60	80	100	120	140	160	180
4SPM8-2	4SP8-2	0.55	0.75	12	11	11	10	9	9	9	8	7	6	4
4SPM8-3	4SP8-3	0.55	0.75	18	17	16	15	14	13	13	12	11	9	6
4SPM8-4	4SP8-4	0.75	1	23	22	21	20	19	18	18	17	15	12	8
4SPM8-5	4SP8-5	0.75	1	29	28	27	25	24	22	22	21	19	15	10
4SPM8-6	4SP8-6	1.1	1.5	35	34	32	30	28	27	25	25	22	18	13
4SPM8-7	4SP8-7	1.1	1.5	41	39	37	35	33	31	31	29	26	21	15
4SPM8-8	4SP8-8	1.5	2	47	45	43	40	38	36	36	33	30	24	17
4SPM8-10	4SP8-10	1.5	2	59	56	53	50	47	45	45	41	37	30	21
4SPM8-12	4SP8-12	2.2	3	70	67	64	60	57	53	53	50	45	36	25
4SPM8-15	4SP8-15	2.2	3	88	84	80	75	71	67	67	62	56	45	31
	4SP8-17	3	4	100	95	90	85	81	76	76	70	63	51	35
	4SP8-19	3	4	111	106	101	96	90	85	85	79	71	58	40
	4SP8-22	4	5.5	129	123	117	111	104	98	98	91	82	67	46
	4SP8-25	4	5.5	146	140	133	126	119	111	111	104	93	76	52
	4SP8-30	5.5	7.5	176	168	159	151	142	134	134	124	111	91	63
	4SP8-35	5.5	7.5	205	196	186	176	166	156	156	145	130	106	73



### Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

### Operating conditions

Minimum well diameter: 4"  
Maximum fluid temperature: 35°C  
Maximum sand content: 0.25%  
Maximum immersion depth: 30m

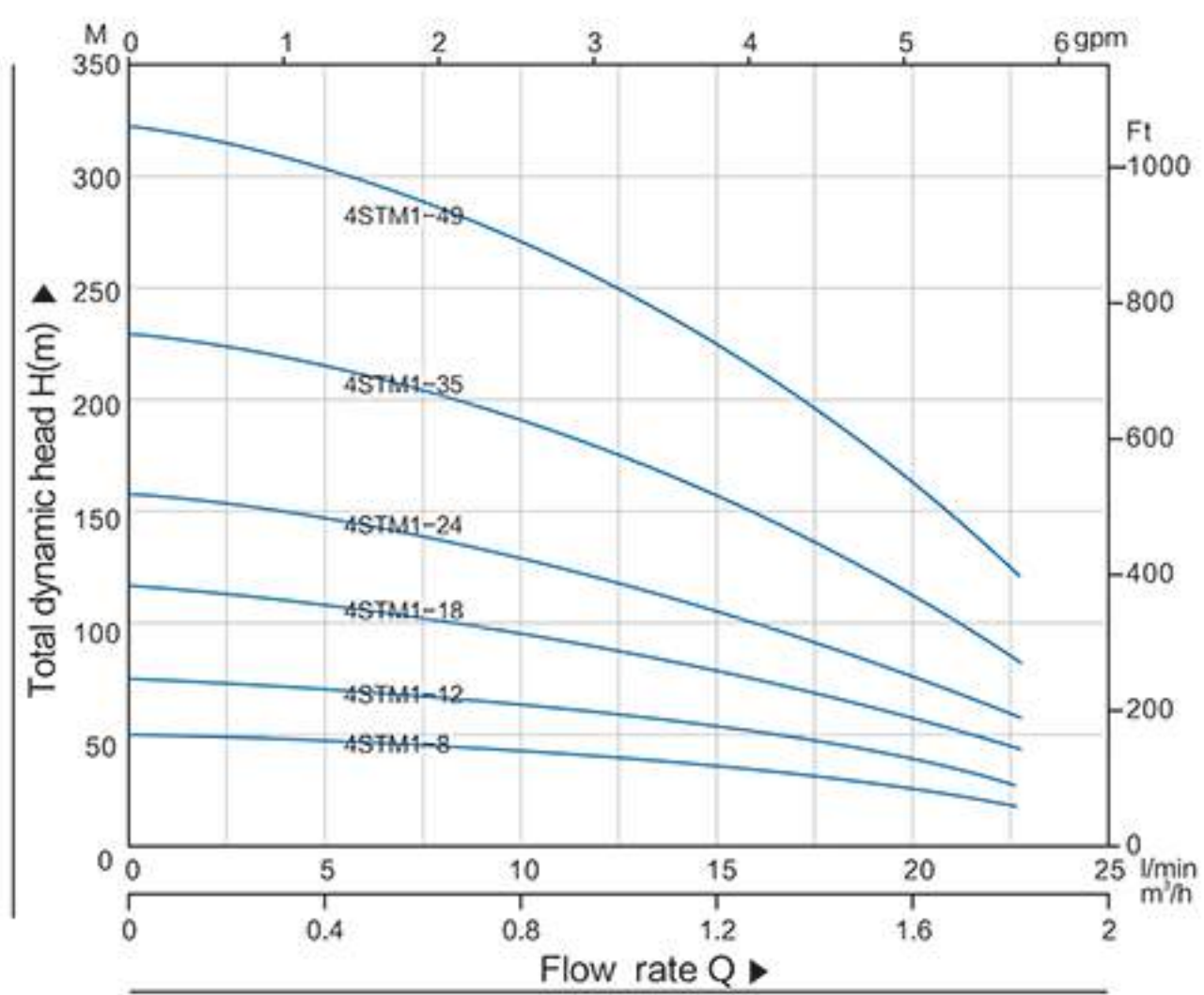
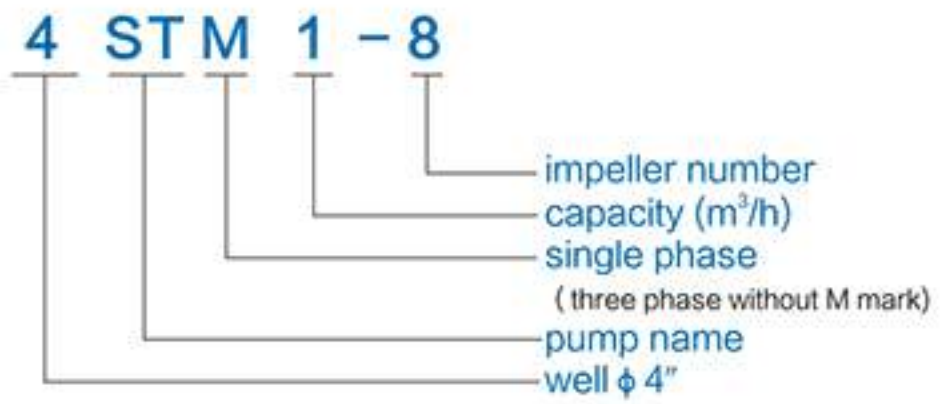
### Specifications

Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

### Options on request

Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz  
Single phase motor with built-in capacitor

Components	Material
Pump external casing	① AISI 304 SS ② AISI 316 SS
Delivery casing	① AISI 304 SS ② AISI 316 SS
Suction lantern	① AISI 304 SS ② AISI 316 SS
Diffuser	① AISI 304 SS ② AISI 316 SS
Impeller	PLASTIC POM PPO
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C85500 ② AISI 403 SS ③ Cast-iron ASTM N0.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045 / 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



### PERFORMANCE DATA

MODEL 50Hz	POWER	DN	DELIVERY n ≈ 2850 r/min							
			Q	0	0.3	0.6	0.9	1.2		
1~220V/240V	3~380V/415V	INCH	m <sup>3</sup> /h	0	5	10	15	20		
4STM1-8	4ST1-8	0.25	0.33	1"	H(m)	51	48	43	36	26
4STM1-12	4ST1-12	0.37	0.5			75	72	64	55	40
4STM1-18	4ST1-18	0.55	0.75			117	110	99	82	60
4STM1-24	4ST1-24	0.75	1			157	148	130	110	80
4STM1-35	4ST1-35	1.1	1.5			230	217	192	160	116
4STM1-49	4ST1-49	1.5	2			322	303	270	224	161

### Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

### Operating conditions

Minimum well diameter: 4"  
Maximum fluid temperature: 35°C  
Maximum sand content: 0.25%  
Maximum immersion depth: 30m

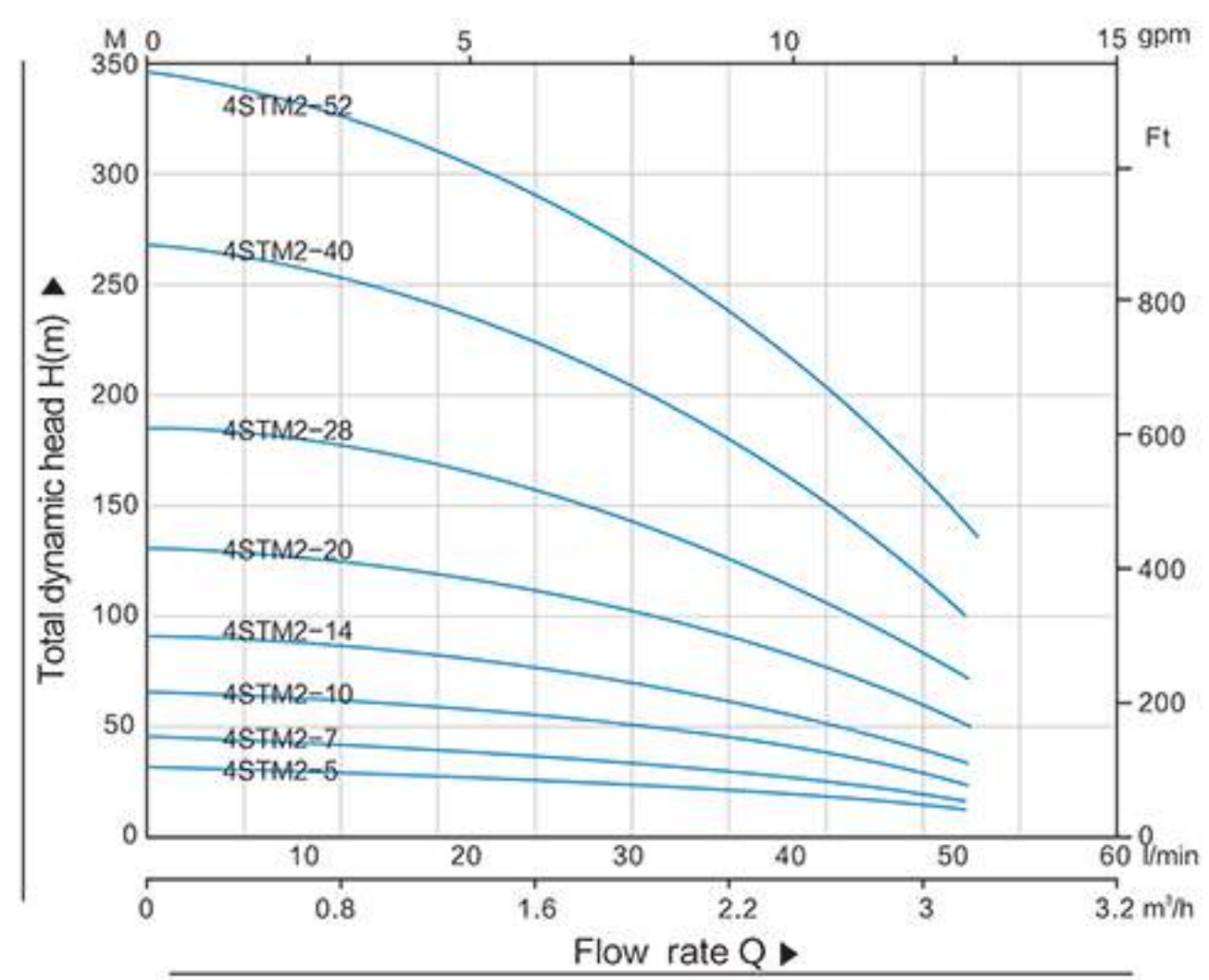
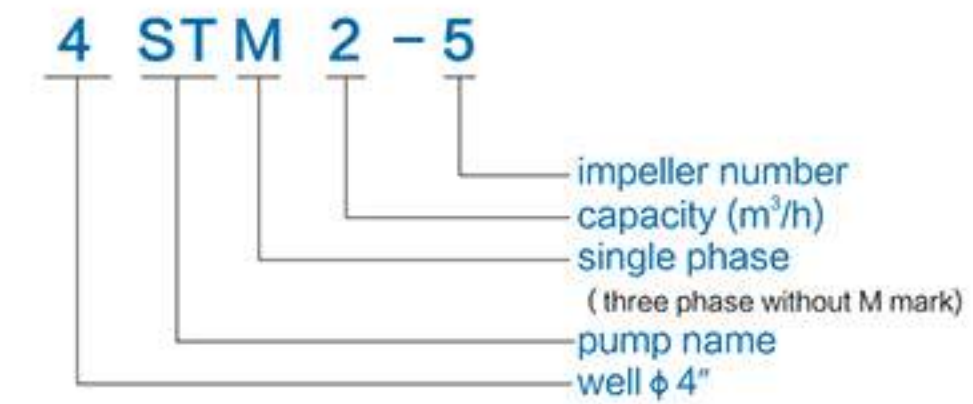
### Specifications

Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

### Options on request

Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz  
Single phase motor with built-in capacitor

Components	Material
Pump external casing	① AISI 304 SS ② AISI 316 SS
Delivery casing	① AISI 304 SS ② AISI 316 SS
Suction lantern	① AISI 304 SS ② AISI 316 SS
Diffuser	① AISI 304 SS ② AISI 316 SS
Impeller	PLASTIC POM PPO
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C85500 ② AISI 403 SS ③ Cast-iron ASTM N0.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045 / 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



### PERFORMANCE DATA

MODEL 50Hz	POWER	DN	DELIVERY n ≈ 2850 r/min								
			Q	0	0.6	1.2	1.8	2.4	3		
1~220V/240V	3~380V/415V	INCH	m <sup>3</sup> /h	0	10	20	30	40	50		
4STM2-5	4ST2-5	0.25	0.33	1.25"	H(m)	31	30	28	24	19	12
4STM2-7	4ST2-7	0.37	0.5			46	42	40	34	27	17
4STM2-10	4ST2-10	0.55	0.75			65	63	58	50	40	25
4STM2-14	4ST2-14	0.75	1			91	87	80	70	55	35
4STM2-20	4ST2-20	1.1	1.5			130	125	116	101	80	52
4STM2-28	4ST2-28	1.5	2			185	178	165	142	113	74
4STM2-40	4ST2-40	2.2	3			265	255	235	206	163	108
4STM2-52	4ST2-52	3	4			345	331	308	271	213	140



### Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

### Operating conditions

Minimum well diameter: 4"  
Maximum fluid temperature: 35°C  
Maximum sand content: 0.25%  
Maximum immersion depth: 30m

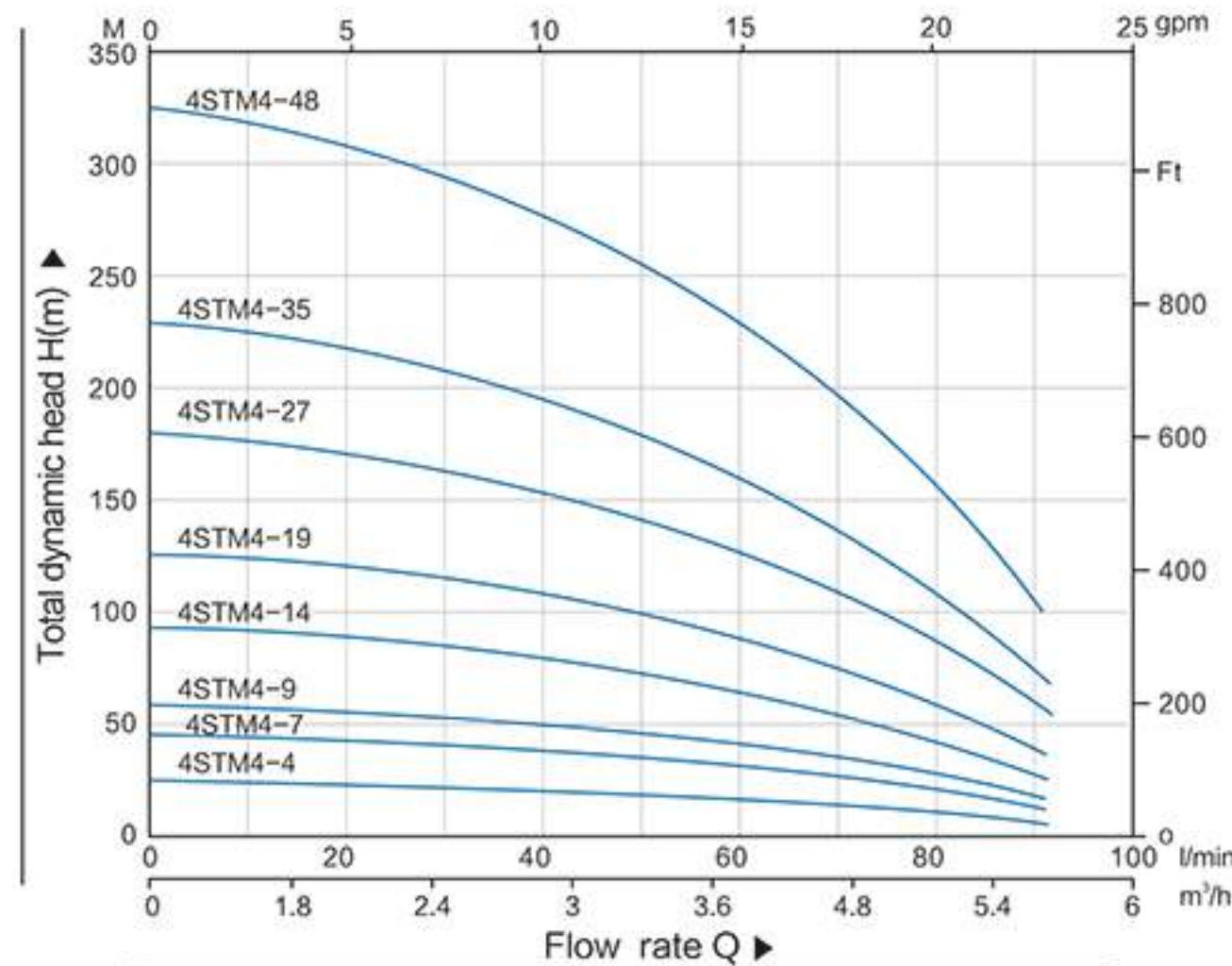
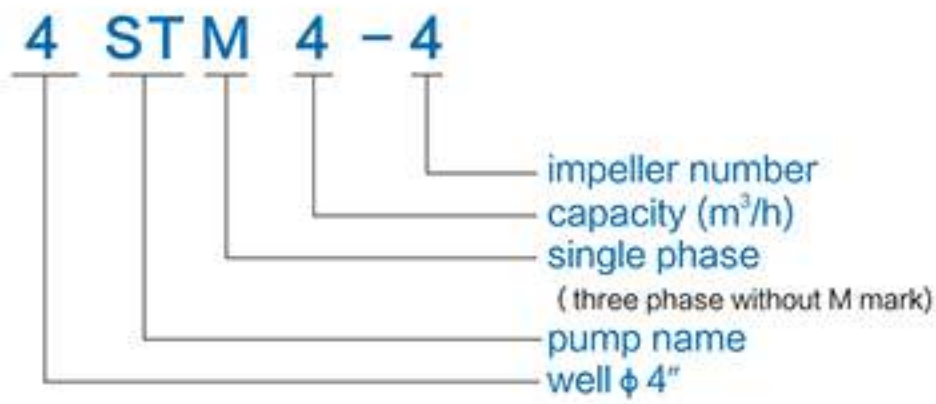
### Specifications

Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

### Options on request

Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz  
Single phase motor with built-in capacitor

Components	Material
Pump external casing	① AISI 304 SS ② AISI 316 SS
Delivery casing	① AISI 304 SS ② AISI 316 SS
Suction lantern	① AISI 304 SS ② AISI 316 SS
Diffuser	① AISI 304 SS ② AISI 316 SS
Impeller	PLASTIC POM PPO
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C85500 ② AISI 403 SS ③ Cast-iron ASTM N0.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045 / 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutical use.



### PERFORMANCE DATA

MODEL	50Hz	POWER	DN	DELIVERY								
				n = 2850 r/min								
1~ 220V/240V	3~ 380V/415V	KW	HP	INCH	Q	0	1.8	2.4	3	3.6	4.8	5.4
4STM4-4	4ST4-4	0.37	0.5	1.25" 1.5"	H(m)	26	23	22	20	18	11	7
4STM4-7	4ST4-7	0.55	0.75			46	42	40	36	32	21	14
4STM4-9	4ST4-9	0.75	1			57	53	50	46	40	27	19
4STM4-14	4ST4-14	1.1	1.5			92	84	80	74	66	44	29
4STM4-19	4ST4-19	1.5	2			125	113	107	98	88	60	40
4STM4-27	4ST4-27	2.2	3			178	159	151	140	125	83	57
4STM4-35	4ST4-35	3	4			226	204	193	177	159	105	72
4STM4-48	4ST4-48	4	5.5			319	286	273	252	225	150	102



### Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

### Operating conditions

Minimum well diameter: 4"  
Maximum fluid temperature: 35°C  
Maximum sand content: 0.25%  
Maximum immersion depth: 30m

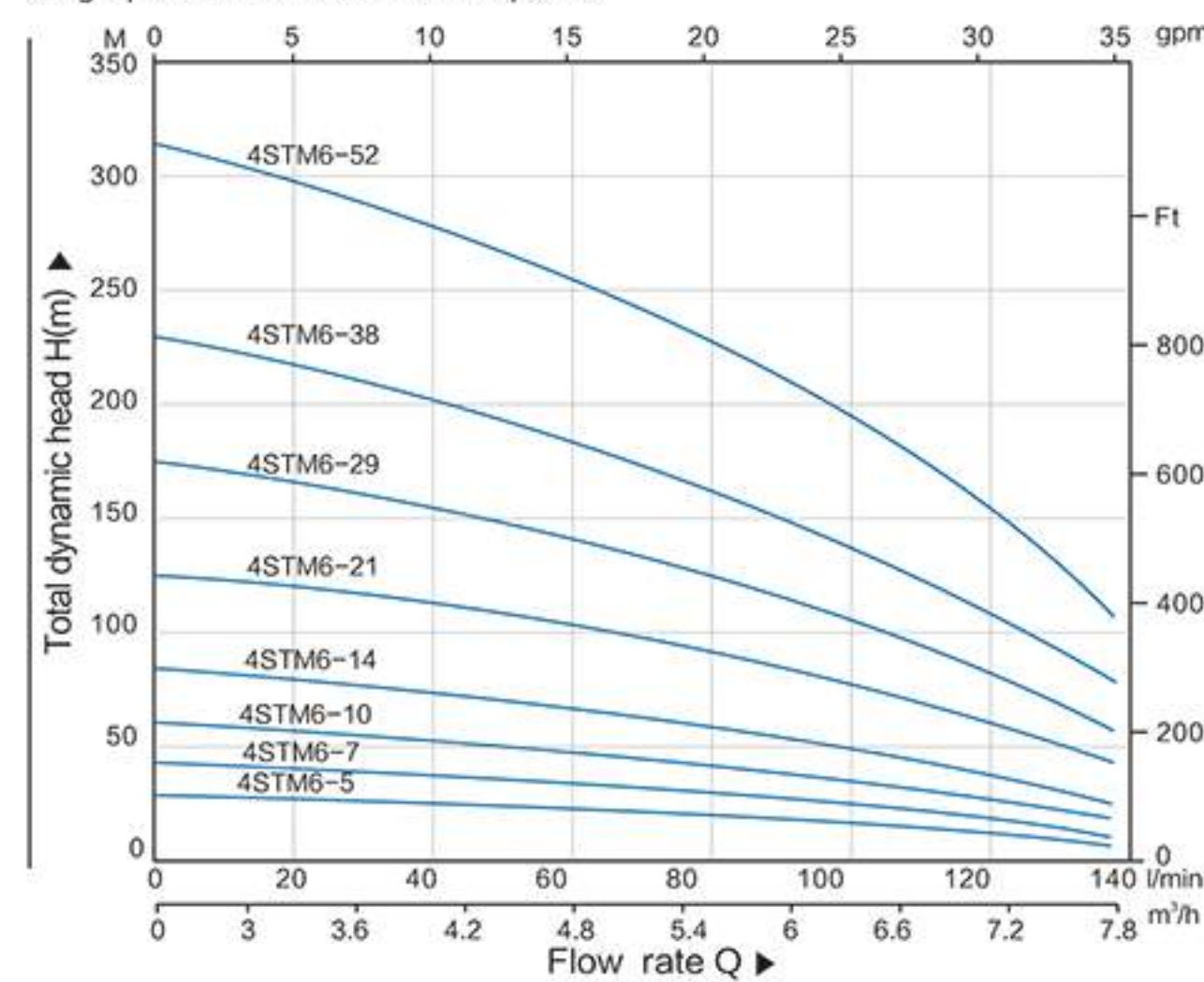
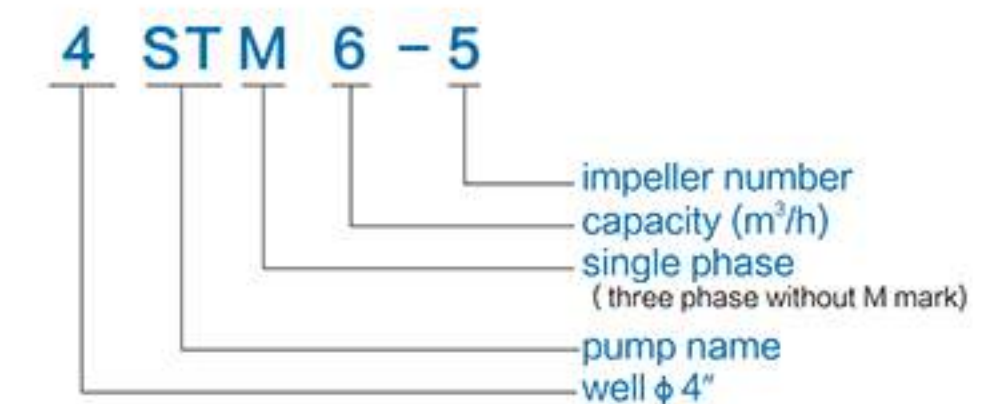
### Specifications

Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

### Options on request

Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz  
Single phase motor with built-in capacitor

Components	Material
Pump external casing	① AISI 304 SS ② AISI 316 SS
Delivery casing	① AISI 304 SS ② AISI 316 SS
Suction lantern	① AISI 304 SS ② AISI 316 SS
Diffuser	① AISI 304 SS ② AISI 316 SS
Impeller	PLASTIC POM PPO
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C85500 ② AISI 403 SS ③ Cast-iron ASTM N0.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045 / 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutical use.



### PERFORMANCE DATA

MODEL	50Hz	POWER	DN	DELIVERY								
				n = 2850 r/min								
1~ 220V/240V	3~ 380V/415V	KW	HP	INCH	Q	0	3	3.6	4.8	5.4	6	7.2
4STM6-5	4ST6-5	0.55	0.75	1.25" 1.5"	H(m)	28	23	22	20	18	16	12
4STM6-7	4ST6-7	0.75	1			41	34	32	29	27	25	19
4STM6-10	4ST6-10	1.1	1.5			59	50	48	42	39	37	27
4STM6-14	4ST6-14	1.5	2			83	71	67	60	56	51	38
4STM6-21	4ST6-21	2.2	3			127	107	102	91	84	78	59
4STM6-29	4ST6-29	3	4			174	147	140	125	116	106	81
4STM6-38	4ST6-38	4	5.5			230	194	185	165	154	140	109
4STM6-52	4ST6-52	5.5	7.5			315	266	254	229	213	195	150





## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 4"  
Maximum fluid temperature: 35°C  
Maximum sand content: 0.25%  
Maximum immersion depth: 30m

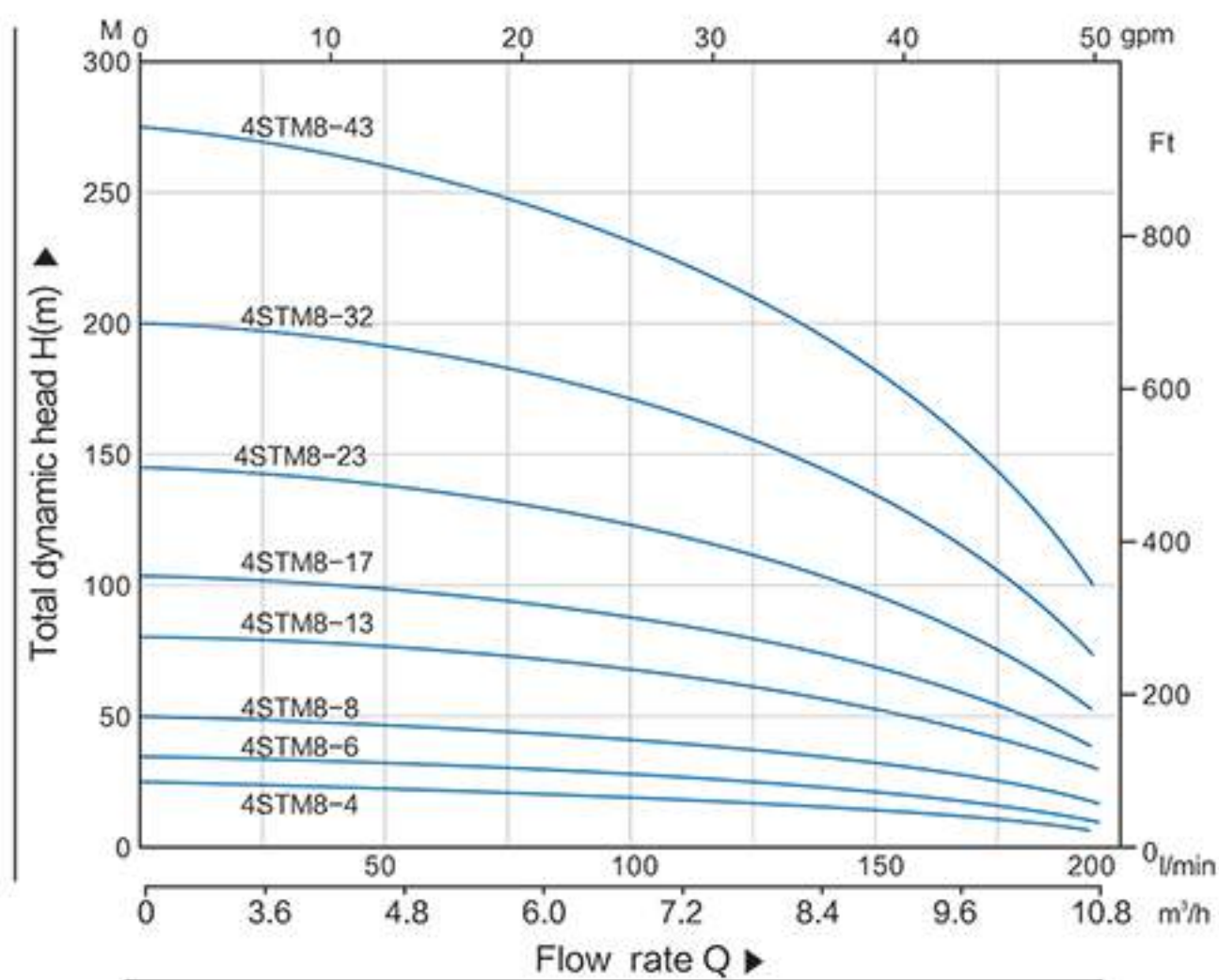
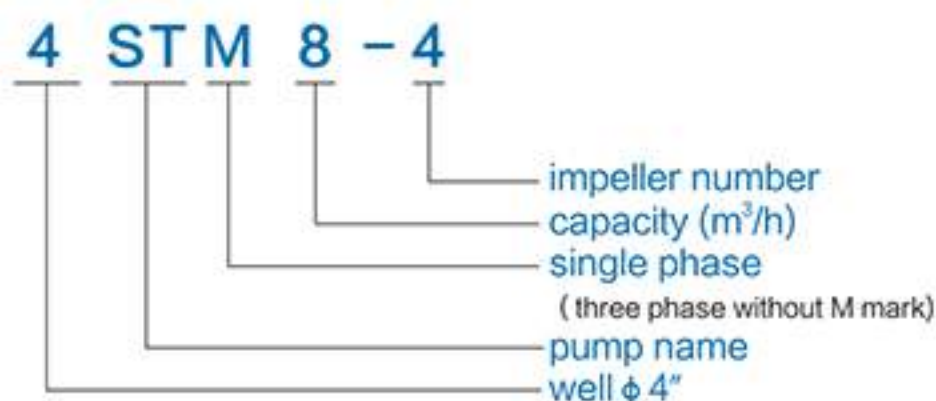
## Specifications

Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

## Options on request

Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz  
Single phase motor with built-in capacitor

Components	Material
Pump external casing	① AISI 304 SS ② AISI 316 SS
Delivery casing	① AISI 304 SS ② AISI 316 SS
Suction lantern	① AISI 304 SS ② AISI 316 SS
Diffuser	① AISI 304 SS ② AISI 316 SS
Impeller	PLASTIC POM PPO
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C85500 ② AISI 403 SS ③ Cast-iron ASTM N0.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045 / 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



## PERFORMANCE DATA

MODEL 50Hz		POWER		DN	DELIVERY n ≈ 2850 r/min									
1~ 220V/240V	3~ 380V/415V	KW	HP	INCH	Q	0	3.6	4.8	5.4	6	7.2	8.4	9.6	
					m³/h	0	60	80	90	100	120	140	160	
4STM8-4	4ST8-4	0.75	1	1.5" 2"	H(m)	24	22	21	21	20	18	16	14	
4STM8-6	4ST8-6	1.1	1.5			36	33	32	31	30	28	25	21	
4STM8-8	4ST8-8	1.5	2			49	47	45	44	42	39	36	31	
4STM8-13	4ST8-13	2.2	3			80	75	72	70	68	64	58	50	
4STM8-17	4ST8-17	3	4			105	97	94	91	89	83	75	64	
4STM8-23	4ST8-23	4	5.5			145	134	129	126	123	115	103	89	
4STM8-32	4ST8-32	5.5	7.5			202	188	180	176	171	161	146	125	
4STM8-43	4ST8-43	7.5	10			275	254	245	239	233	219	197	169	



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 4"  
Maximum fluid temperature: 35°C  
Maximum sand content: 0.25%  
Maximum immersion depth: 30m

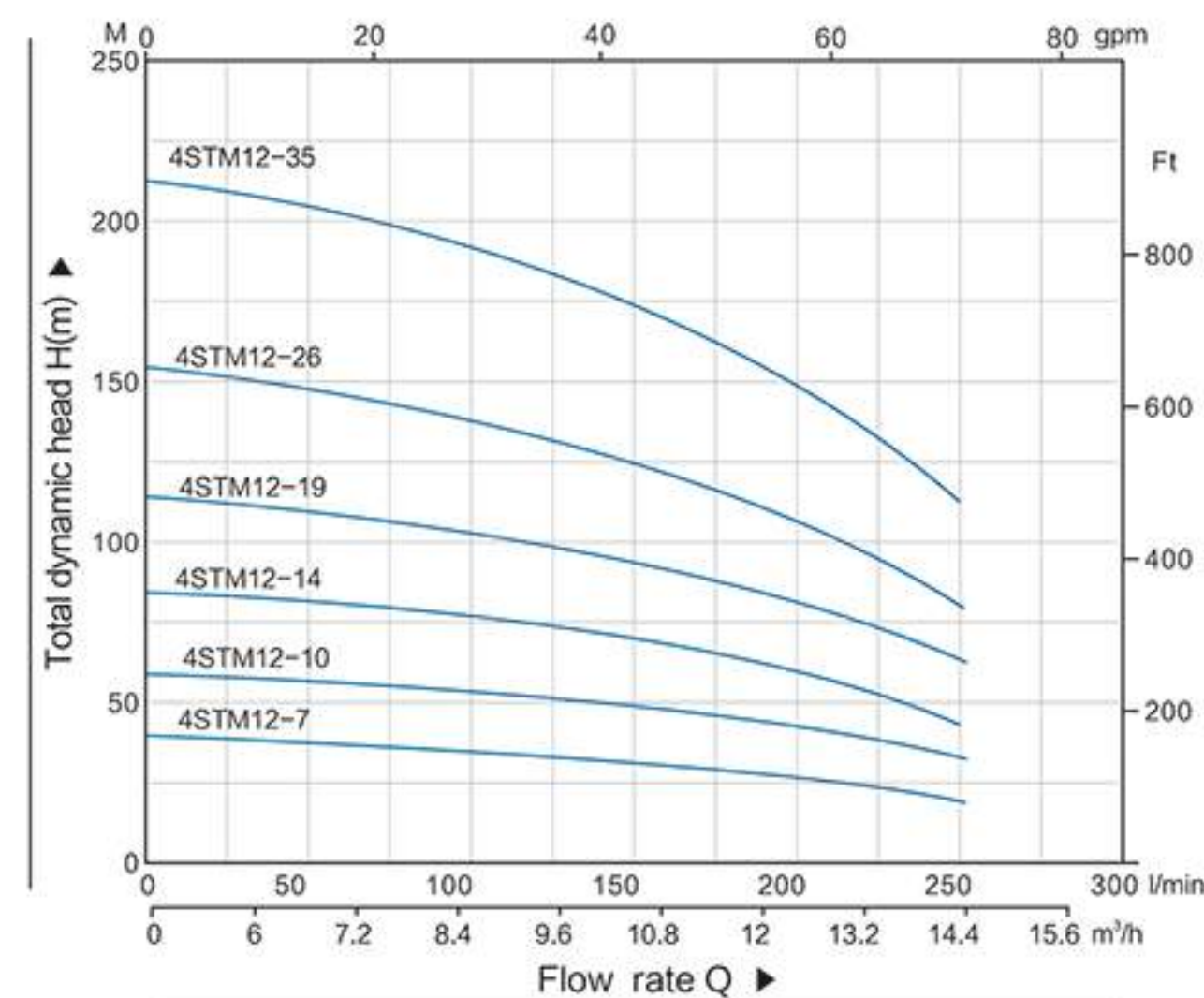
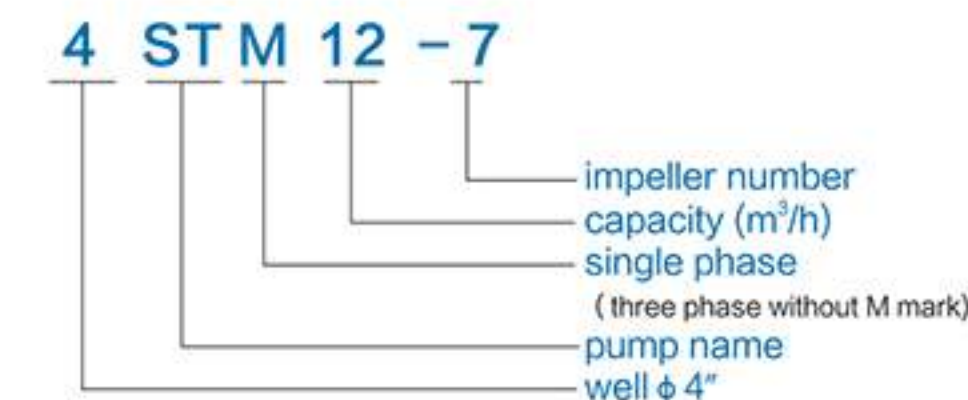
## Specifications

Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

## Options on request

Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz  
Single phase motor with built-in capacitor

Components	Material
Pump external casing	① AISI 304 SS ② AISI 316 SS
Delivery casing	① AISI 304 SS ② AISI 316 SS
Suction lantern	① AISI 304 SS ② AISI 316 SS
Diffuser	① AISI 304 SS ② AISI 316 SS
Impeller	PLASTIC POM PPO
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C85500 ② AISI 403 SS ③ Cast-iron ASTM N0.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045 / 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



## PERFORMANCE DATA

MODEL 50Hz		POWER		DN	DELIVERY n ≈ 2850 r/min											
1~ 220V/240V	3~ 380V/415V	KW	HP	INCH	Q	0	6	7.2	8.4	9.6	12	15	17			
					m³/h	0	100	120	140	160	200	250				
4STM12-7	4ST12-7	1.5	2	2"	H(m)	40	34	33	31	29	25	17				
4STM12-10	4ST12-10	2.2	3			59	51	48	46	43	36	24				
4STM12-14	4ST12-14	3	4			84	73	69	66	61	50	33				
4STM12-19	4ST12-19	4	5.5			114	98	93	88	82	67	46				
4STM12-26	4ST12-26	5.5	7.5			156	134	127	120	112	93	63				
4STM12-35	4ST12-35	7.5	10			213	184	175	164	152	126	85				





## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 4"  
Maximum fluid temperature: 35°C  
Maximum sand content: 0.25%  
Maximum immersion depth: 30m

## Specifications

Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

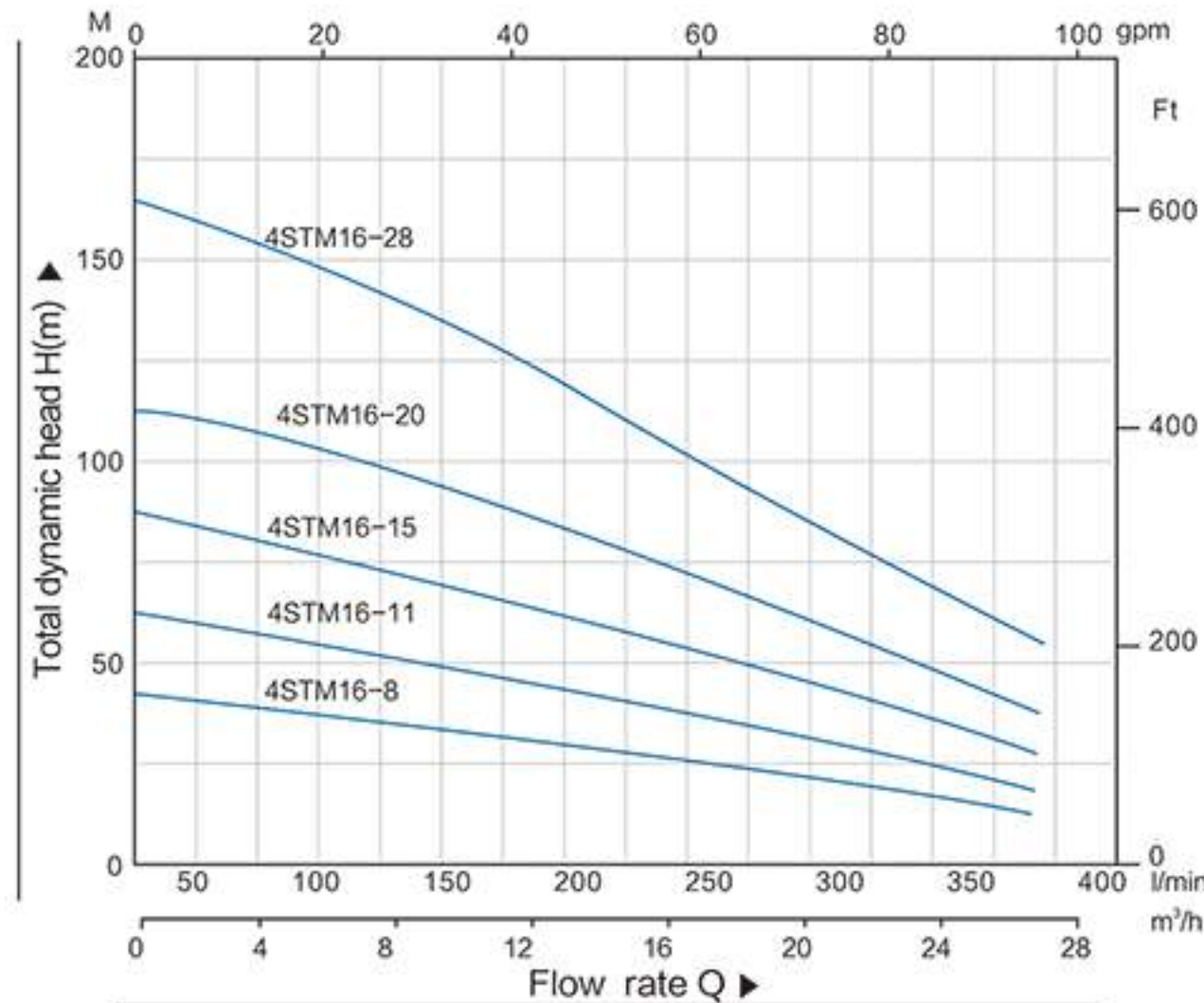
## Options on request

Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz  
Single phase motor with built-in capacitor

Components	Material
Pump external casing	① AISI 304 SS ② AISI 316 SS
Delivery casing	① AISI 304 SS ② AISI 316 SS
Suction lantern	① AISI 304 SS ② AISI 316 SS
Diffuser	① AISI 304 SS ② AISI 316 SS
Impeller	PLASTIC POM PPO
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C85500 ② AISI 403 SS ③ Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045 / 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

**4 STM 16 - 8**

- 4: well  $\phi$  4"
- STM: pump name
- 16: capacity (m<sup>3</sup>/h)
- 8: impeller number
- (three phase without M mark)
- single phase



## PERFORMANCE DATA

MODEL 50Hz		POWER		DN	DELIVERY n ≈ 2850 r/min							
1~ 220V/240V	3~ 380V/415V	KW	HP	INCH	Q m <sup>3</sup> /h l/min	0	8.4	9.6	12	15	18	21
4STM16-8	4ST16-8	2.2	3	2"	H(m)	45	36	34	31	27	22	17
4STM16-11	4ST16-11	3	4			63	50	47	43	37	31	23
4STM16-15	4ST16-15	4	5.5			87	69	66	59	51	43	33
4STM16-20	4ST16-20	5.5	7.5			116	92	87	78	67	56	44
4STM16-28	4ST16-28	7.5	10			163	131	125	112	96	80	63

## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 4"  
Maximum fluid temperature up to +40°C .  
Maximum sand content: 0.15%.  
Maximum immersion: 50m.

## Specifications

Rewindable motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

## Options on request

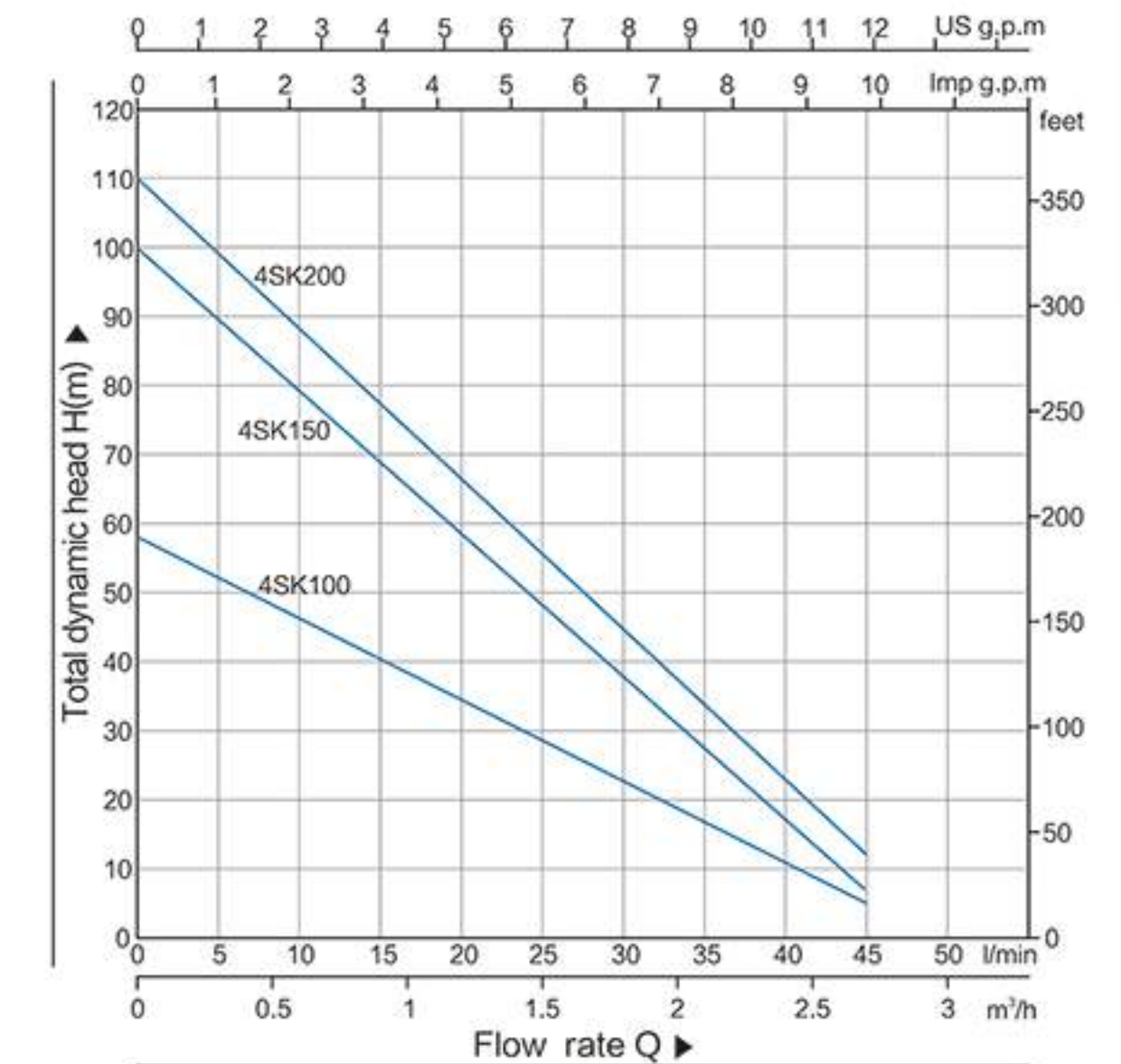
Special material components  
Other voltages or frequency 60Hz  
Single phase motor with built-in capacitor



Components	Material
Delivery casing	Cast-Cu ASTM C8500
Suction lantern	① Cast-Cu ASTM C8500 ② AISI 202 SS
Diffuser	① Cast-Cu ASTM C8500 ② AISI 202 SS
Impeller	Cast-Cu ASTM C 85500
Strainer	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C8500 ② AISI 403 SS ③ Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

## 4 SK M 100

power code  
single phase  
( three phase without M mark)  
pump name  
well  $\phi$  4"



## PERFORMANCE DATA

MODEL 50Hz		POWER		DN	G.W	DIMENSIONS	DELIVERY n ≈ 2850 r/min										
1~ 220V/240V	3~ 380V/415V	KW	HP	INCH	kg	mm	Q m <sup>3</sup> /h l/min	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
4SKM100	4SK100	0.75	1	1"	14	110*110*690	H(m)	58	52	46	40	34	28	22	16	10	5
4SKM150	4SK150	1.1	1.5	1"	16	110*110*800		100	89	79	69	59	48	38	28	17	7
4SKM200	4SK200	1.5	2	1"	18	110*110*920		110	99	88	78	67	56	45	34	23	12



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

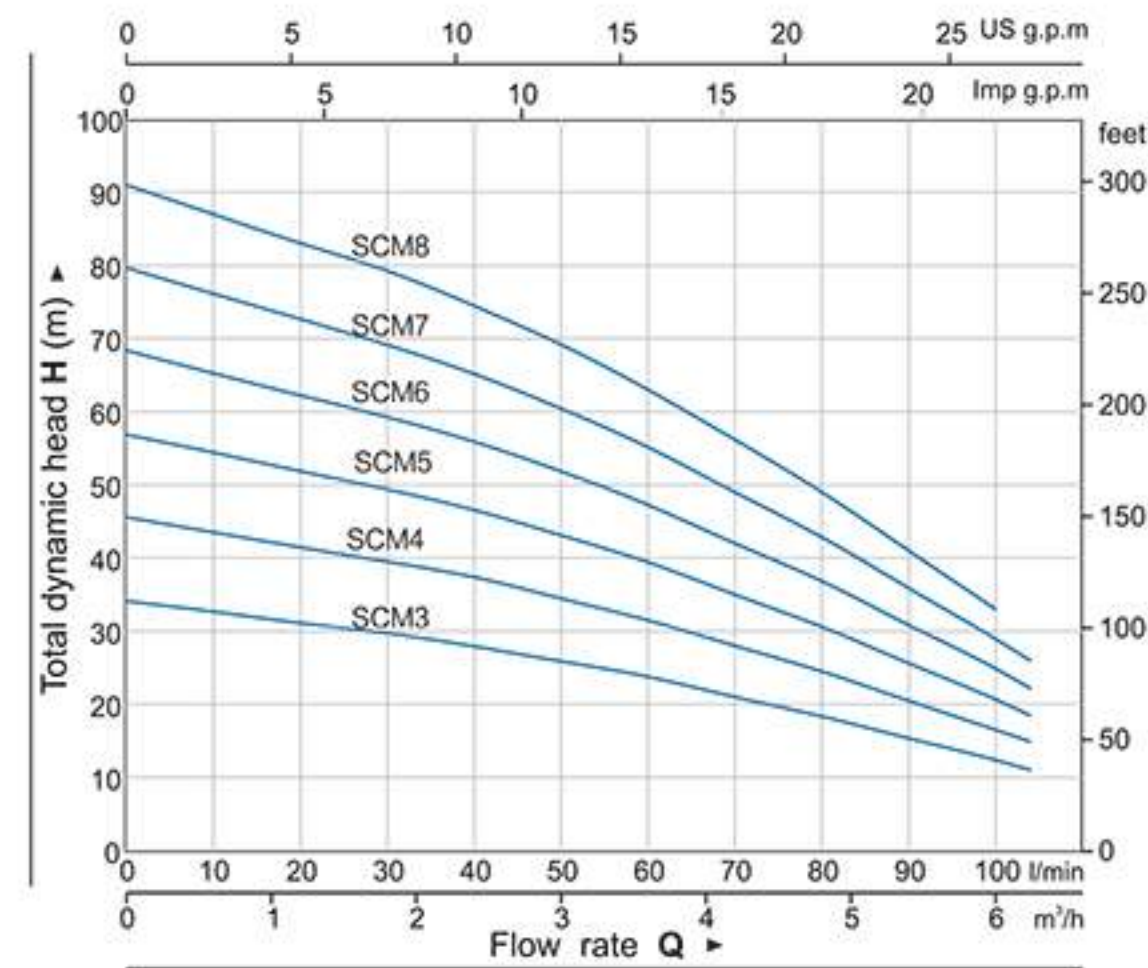
Maximum fluid temperature up to +35°C.  
Maximum sand content: 0.15%.  
Maximum immersion: 40m.  
Minimum well diameter:  $\Phi 4"$

## Specifications

Rewindable motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

## Options on request

Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz



## 4 KSM 45 / 28

max. head capacity (l/min)  
single phase  
(three phase without M mark)  
pump name  
well  $\Phi 4"$



## PERFORMANCE DATA

MODEL 50Hz	POWER		DN	DELIVERY													
	KW	HP		n ≈ 2850 r/min													
1~ 220V/240V	Q	m³/h	l/min	0	0.6	1.2	1.8	2.4	2.7	3	3.6						
				0	10	20	30	40	45	50	60						
KSM45/28	0.4	0.5	1"	H(m)	28	27	25	20	14	9							
KSM45/42	0.6	0.8	1"		42	41	35	28	16	12							
KSM45/45	0.65	0.9	1"		45	42	38	30	20	14							
KSM45/48	0.75	1	1"		48	47	46	42	37	32	28	14					
KSM60/64	1	1.3	1"		64	61	58	53	48	40	32	16					
KSM60/80	1.2	1.6	1"		80	74	70	62	50	46	38	20					

## Applications

For water supply from wells or reservoirs.  
For domestic use, for civil and industrial applications.  
For garden use and irrigation.

## Operating conditions

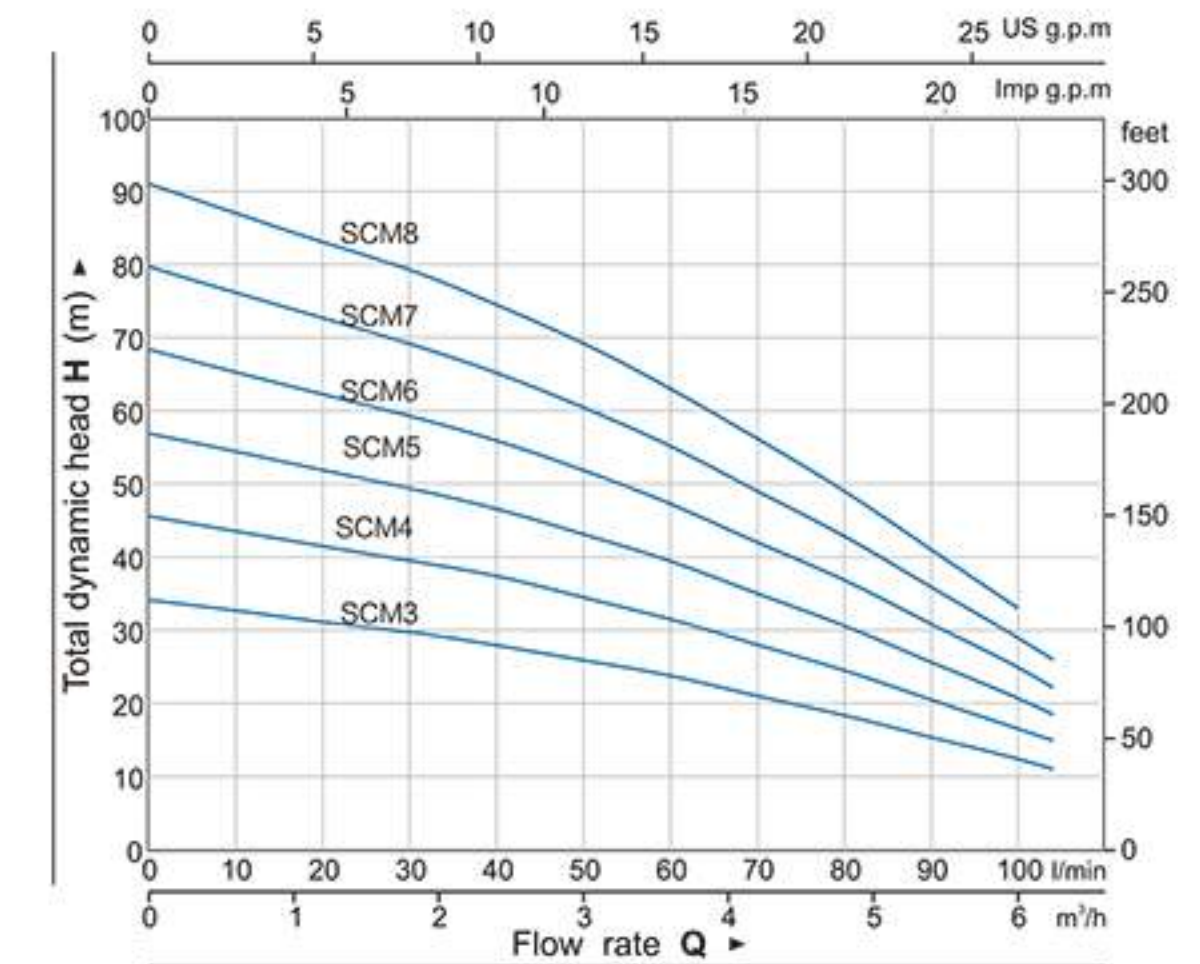
Maximum fluid temperature up to +35°C.  
Maximum sand content: 0.15%.  
Maximum immersion: 50m.  
Minimum well diameter:  $\Phi 130$ mm

## Specifications

Rewindable motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

## Options on request

Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz



## 5 SC M 3

impeller number  
single phase  
(three phase without M mark)  
pump name  
well  $\Phi 5"$



## PERFORMANCE DATA

MODEL 50Hz	POWER		DELIVERY															
	KW	HP	n ≈ 2850 r/min															
1~ 220V/240V	Q	m³/h	l/min	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6				
				0	10	20	30	40	50	60	70	80	90	100				
SCM3	SC3	0.55	0.75	H(m)	34	33	31	30	28	26	24	21	18	15	12			
SCM4	SC4	0.75	1		46	44	42	40	37	35	32	28	25	21	17			
SCM5	SC5	0.92	1.25		57	54	52	49	47	43	39	35	31	26	21			
SCM6	SC6	1.1	1.5		68	65	62	59	56	52	47	42	37	31	25			
SCM7	SC7	1.3	1.75		80	76	73	69	65	60	55	49	43	36	29			
SCM8	SC8	1.5	2		91	87	83	79	75	69	63	56	49	41	33			



# 2QG SERIES

## SUBMERSIBLE SCREW PUMP

### Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

### Operating conditions

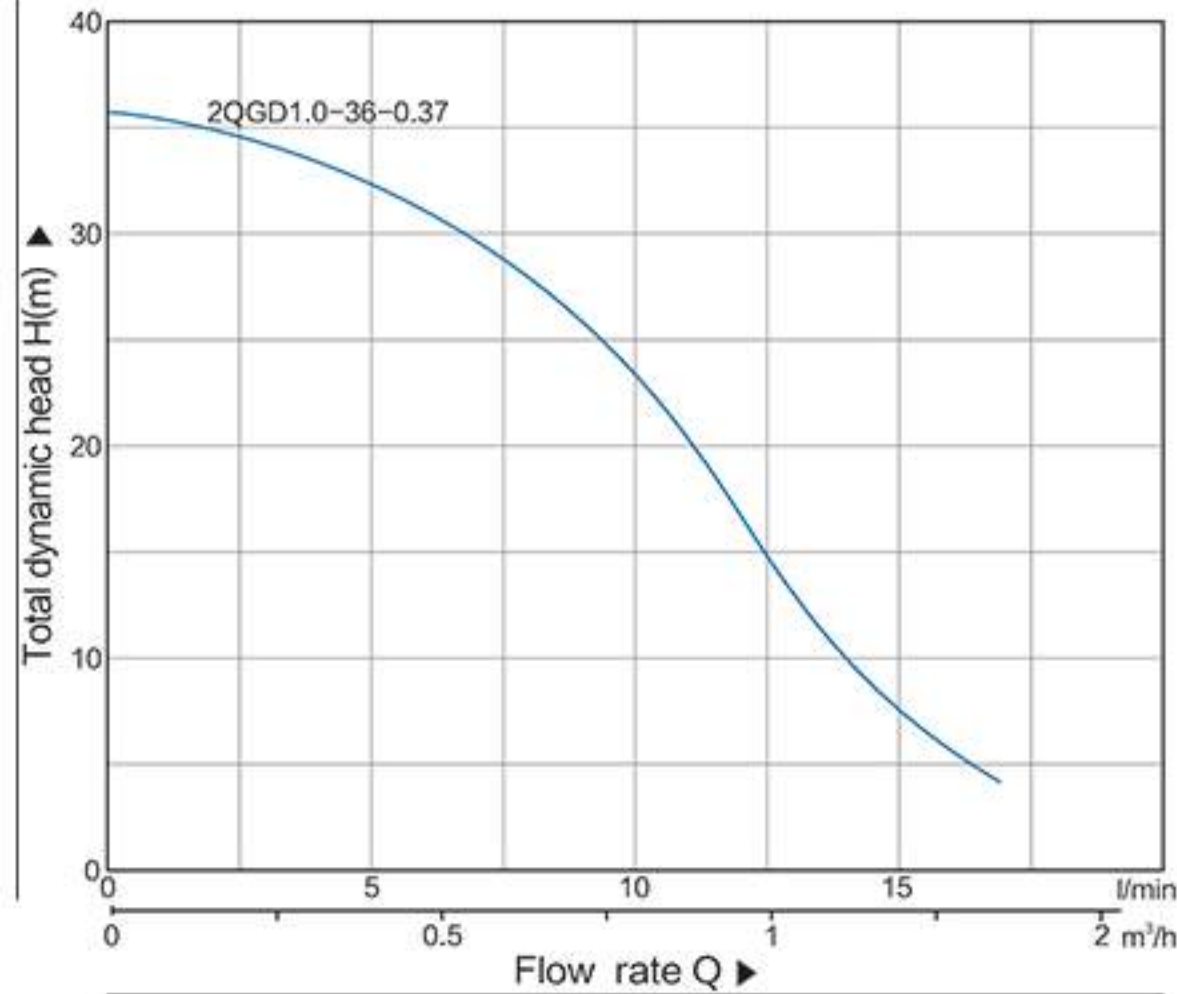
Maximum fluid temperature up to +40°C .  
Maximum sand content: 3%.  
Maximum immersion: 12m.  
Minimum well diameter: 2"

### Specifications

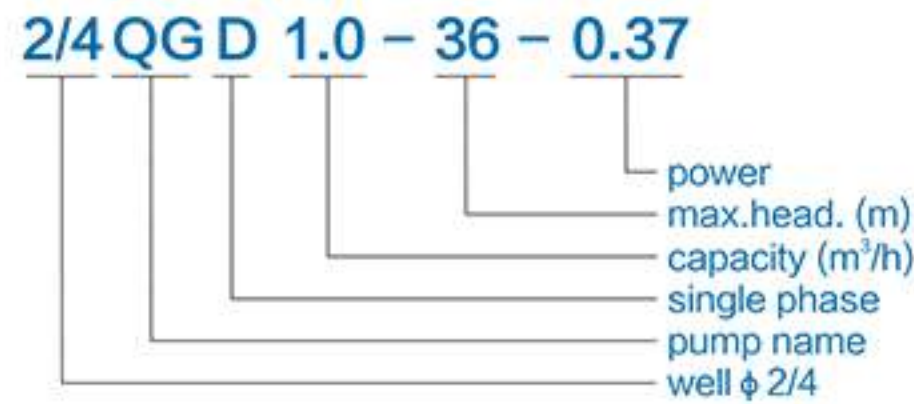
Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

### Options on request

Special material components  
Other voltages or frequency 60Hz



Components	Material
Delivery casing	AISI 304 SS
Strainer	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Graphite-Ceramic/TC
Shaft	AISI 303 SS-ASTM 1045



### PERFORMANCE DATA

TYPE	POWER		Q=DELIVERY					H=Total Hydraulic Head(m)	
	KW	HP	Q m³/h	0	0.2	0.4	0.6	0.8	1
2QGD1.0-36-0.37	0.37	0.5	H(m)	36	34	30	24	14	4

# 4QG SERIES

## SUBMERSIBLE SCREW PUMP

### Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

### Operating conditions

Maximum fluid temperature up to +40°C .  
Maximum sand content: 3%.  
Maximum immersion: 15m.  
Minimum well diameter: 4"

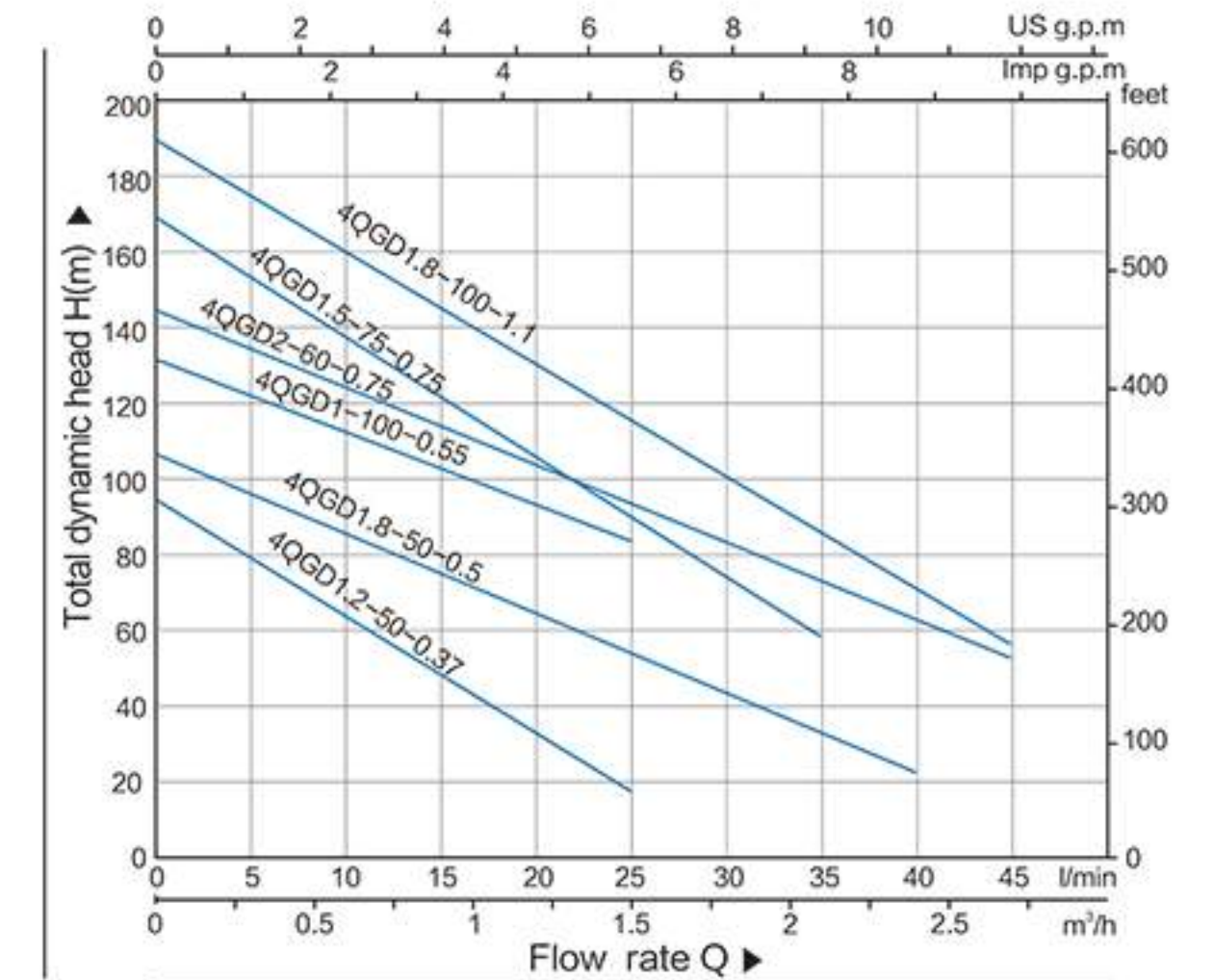
### Specifications

Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

### Options on request

Special material components  
Other voltages or frequency 60Hz

Components	Material
Delivery casing	AISI 304 SS
Strainer	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Graphite-Ceramic/TC
Shaft	AISI 303 SS-ASTM 1045



### PERFORMANCE DATA

MODEL 50Hz		POWER		Capacity (m³/h)	Head (m)	Outlet (inch)	Speed (l/min)	Dimensions(mm)	
1~ 220V/240V	3~ 380V/415V	KW	HP					$\phi$ D	L
4QGD1.2-50-0.37	4QG1.2-50-0.37	0.37	0.5	1.2	50	1"	2850	96	540
4QGD1.8-50-0.5	4QG1.8-50-0.5	0.5	0.7	1.8	50	1"	2850	96	560
4QGD1.5-60-0.55	4QG1.5-60-0.55	0.55	0.75	1.5	60	1"	2850	96	580
4QGD1-100-0.55	4QG1-100-0.55	0.55	0.75	1	100	1"	2850	96	580
4QGD1.2-100-0.75	4QG1.2-100-0.75	0.75	1	1.2	100	1"	2850	96	620
4QGD1.5-75-0.75	4QG1.5-75-0.75	0.75	1	1.5	75	1"	2850	96	600
4QGD2-60-0.75	4QG2-60-0.75	0.75	1	2	60	1"	2850	96	600
4QGD1.2-150-1.1	4QG1.2-150-1.1	1.1	1.5	1.2	150	1"	2850	96	680
4QGD1.5-120-1.1	4QG1.5-120-1.1	1.1	1.5	1.5	120	1"	2850	96	680
4QGD1.8-100-1.1	4QG1.8-100-1.1	1.1	1.5	1.8	100	1"	2850	96	680



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 5"  
Maximum fluid temperature: 35°C  
Maximum sand content: 0.25%  
Maximum immersion depth: 30m

## Specifications

Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V~240V/50Hz  
Three-phase: 380V~415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

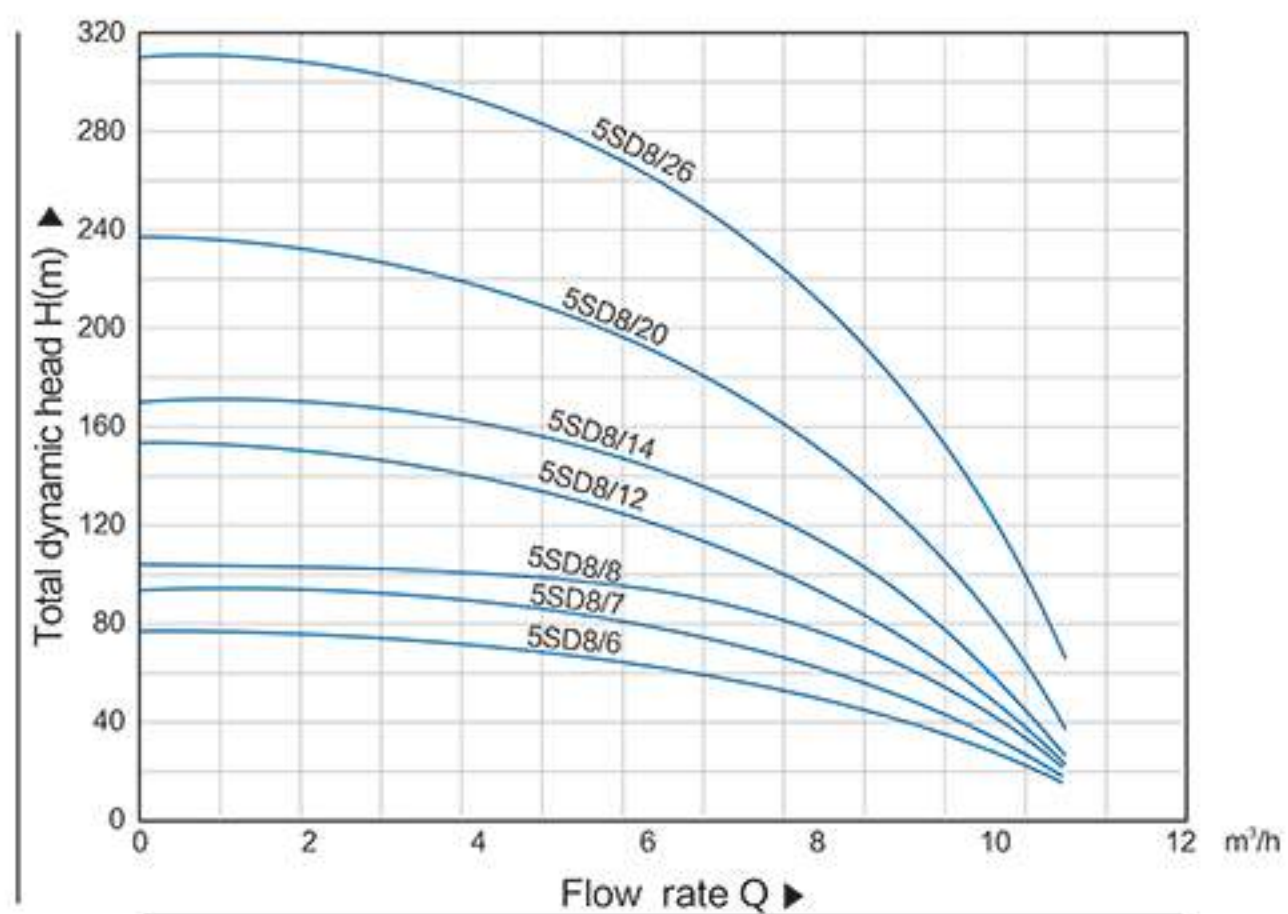
## Options on request

Special material components  
Start control box or digital auto-control box  
Cable length  
Other voltages or frequency 60Hz  
Single phase motor with built-in capacitor

**5 S D M 8 / 6**

- 5: well  $\phi$  5"
- S: pump name
- D: (three phase without M mark)
- M: single phase
- 8: capacity (m<sup>3</sup>/h)
- /: impeller number
- 6: well  $\phi$  5"

Components	Material
Pump external casing	① AISI 304 SS ② AISI 316 SS
Delivery casing	CAST-IRON G20 UN15007
Suction lantern	CAST-IRON G20 UN15007
Diffuser	PLASTIC. PC
Impeller	PLASTIC. POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C85500 ② AISI 403 SS ③ Cast-iron ASTM N0.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045 / 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



## PERFORMANCE DATA

MODEL	50Hz	POWER	DN	DELIVERY n ≈ 2850 r/min										
				Q m <sup>3</sup> /h	0	5	6	7	8	9	10			
1~	220V/240V	3~	380V/415V	KW	HP	INCH	H(m)	0	83	100	117	133	150	167
5SDM8/6	5SD8/6	1.1	1.5	2"	78	67	64	61	58	45	35			
5SDM8/7	5SD8/7	1.5	2	2"	93	85	82	75	68	58	43			
5SDM8/8	5SD8/8	2.2	3	2"	103	98	95	88	83	68	53			
	5SD8/12	3	4	2"	153	133	127	114	103	88	63			
	5SD8/14	4	5.5	2"	168	158	148	138	123	103	78			
	5SD8/20	5.5	7.5	2"	239	213	198	174	163	138	103			
	5SD8/26	7.5	10	2"	313	283	263	248	223	193	153			



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 5"  
Maximum fluid temperature: 35°C  
Maximum sand content: 0.25%  
Maximum immersion depth: 30m

## Specifications

Rewindable motor or fully enclosed shielding motor  
Single-phase: 220V~240V/50Hz  
Three-phase: 380V~415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

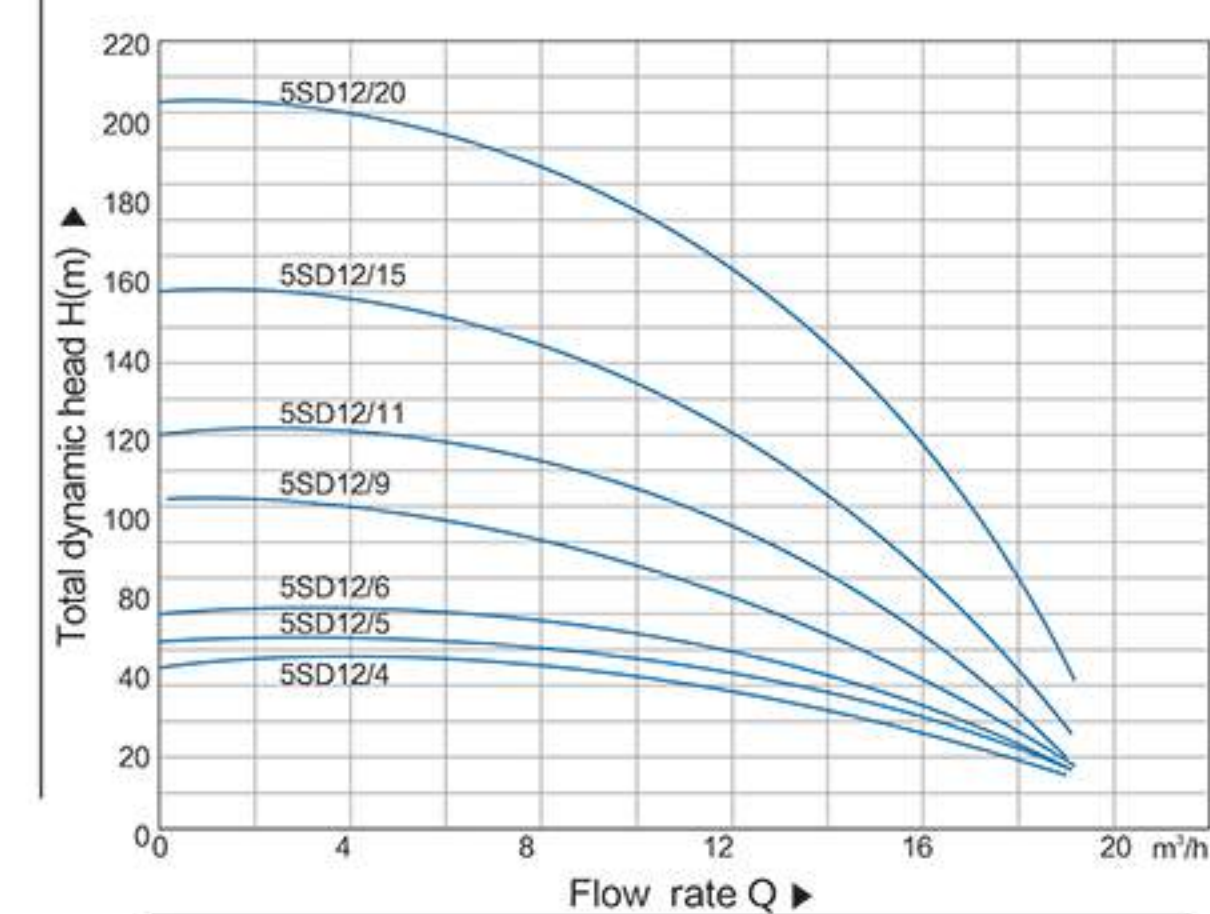
## Options on request

Special material components  
Start control box or digital auto-control box  
Cable length  
Other voltages or frequency 60Hz  
Single phase motor with built-in capacitor

**5 S D M 12 / 4**

- 5: well  $\phi$  5"
- S: pump name
- D: (three phase without M mark)
- M: single phase
- 12: capacity (m<sup>3</sup>/h)
- /: impeller number
- 4: well  $\phi$  5"

Components	Material
Pump external casing	① AISI 304 SS ② AISI 316 SS
Delivery casing	CAST-IRON G20 UN15007
Suction lantern	CAST-IRON G20 UN15007
Diffuser	PLASTIC. PC
Impeller	PLASTIC. POM
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-Cu ASTM C85500 ② AISI 403 SS ③ Cast-iron ASTM N0.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 303 SS-ASTM 1045 / 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



## PERFORMANCE DATA

MODEL	50Hz	POWER	DN	DELIVERY n ≈ 2850 r/min										
				Q m <sup>3</sup> /h	0	6	8	10	12	14	16			
1~	220V/240V	3~	380V/415V	KW	HP	INCH	H(m)	0	100	133	167	200	233	267
5SDM12/4	5SD12/4	1.1	1.5	2"	46	45	44	40	38	31	23			
5SDM12/5	5SD12/5	1.5	2	2"	53	50	49	45	43	38	28			
5SDM12/6	5SD12/6	2.2	3	2"	63	59	56	53	48	41	31			
	5SD12/9	3	4	2"	93	85	78	70	63	51	38			
	5SD12/11	4	5.5	2"	113	106	101	93	83	68	51			
	5SD12/15	5.5	7.5	2"	153	141	133	121	108	88	65			
	5SD12/20	7.5	10	2"	203	191	183	171	153	131	101			





## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 6"  
Maximum fluid temperature up to +35°C  
Maximum sand content: 0.25%  
Maximum immersion: 100m.

## Specifications

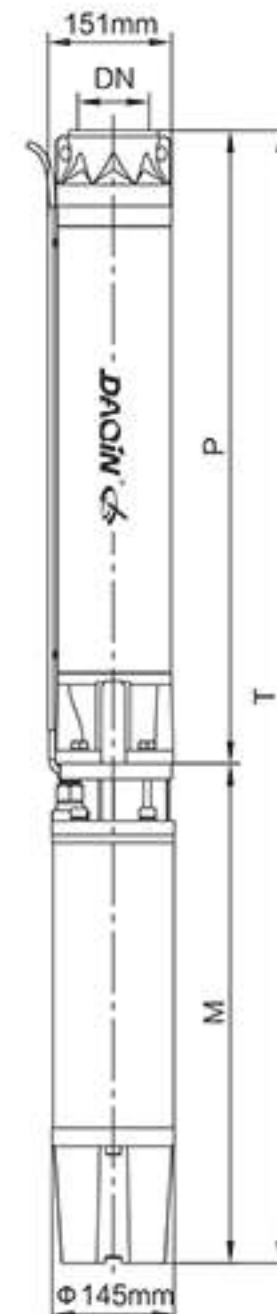
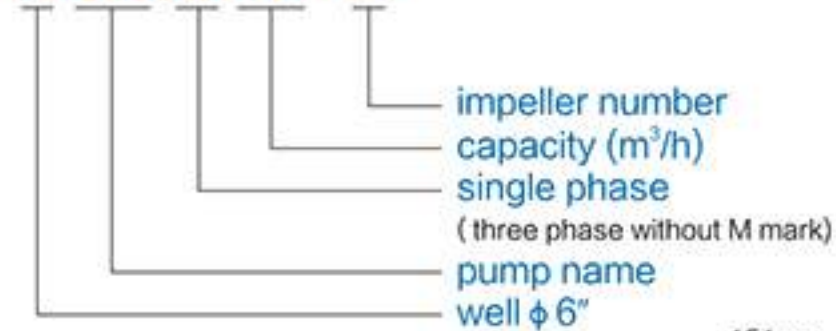
Rewindable motor or water-filled motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

## Options on request

Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz

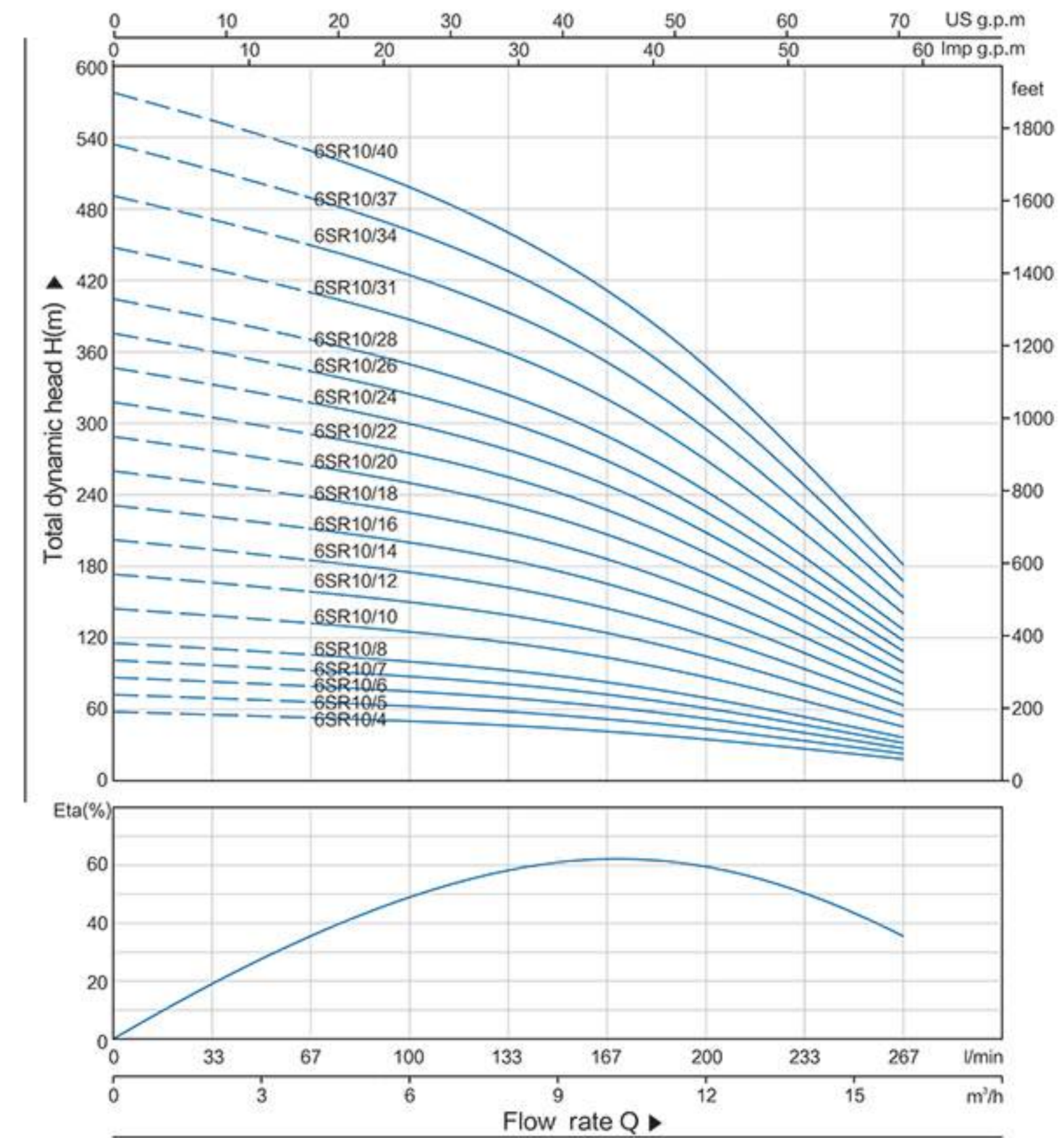
Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-iron ASTM MO.30
Suction lantern	Cast-iron ASTM MO.30
Diffuser	Plastic.PC&AISI 304 SS
Impeller	① Plastic.POM ② Plastic.PC
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	① Cast-iron ASTM NO.30 ② AISI 304 SS
Bottom support	① Cast-iron ASTM NO.30 ② AISI 304 SS
seal	① NBR ② Carbon-SiC/TC
Shaft	AISI 303 SS-ASTM 5140
Thrust bearing	① Graphite-Ceramic ② NSK
Radial bearing	① Graphite-Ceramic ② NSK

### 6 SR M 10 / 4



MODEL		DN	DIMENSIONS(mm)				WEIGHT(kg)					
1~ 220V/240V	3~ 380V/415V		P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>	P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>
6SRM10/4	6SR10/4	2.5" / 3"	555	556	546	1111	1101	14.0	35.9	34.9	49.9	48.9
6SRM10/5	6SR10/5	2.5" / 3"	594	586	566	1180	1160	14.8	38.8	36.9	53.6	51.7
6SRM10/6	6SR10/6	2.5" / 3"	633	616	586	1249	1219	15.5	41.7	38.8	57.2	54.3
6SRM10/7	6SR10/7	2.5" / 3"	672	616	586	1288	1258	16.3	41.7	38.8	58.0	55.1
6SRM10/8	6SR10/8	2.5" / 3"	711	666	616	1377	1327	17.0	46.5	41.7	63.5	58.7
	6SR10/10	2.5" / 3"	789		616		1405	18.5		41.7		60.2
	6SR10/12	2.5" / 3"	866		666		1532	20.0		46.5		66.5
	6SR10/14	2.5" / 3"	944		666		1610	21.5		46.5		68.0
	6SR10/16	2.5" / 3"	1022		716		1738	23.0		51.3		74.3
	6SR10/18	2.5" / 3"	1100		716		1816	24.5		51.3		75.8
	6SR10/20	2.5" / 3"	1178		786		1964	26.0		56.1		82.1
	6SR10/22	2.5" / 3"	1255		786		2041	27.5		56.1		83.6
	6SR10/24	2.5" / 3"	1333		836		2169	29.0		60.9		89.9
	6SR10/26	2.5" / 3"	1411		886		2297	30.5		65.7		96.2
	6SR10/28	2.5" / 3"	1489		886		2375	32.0		65.7		97.7
	6SR10/31	2.5" / 3"	1605		936		2541	34.3		70.5		104.8
	6SR10/34	2.5" / 3"	1722		936		2658	36.5		70.5		107.0
	6SR10/37	2.5" / 3"	1839		1011		2850	38.8		77.7		116.5
	6SR10/40	2.5" / 3"	1956		1011		2967	41.0		77.7		118.7

M<sub>(S)</sub> & T<sub>(S)</sub>: single phase motor  
M<sub>(T)</sub> & T<sub>(T)</sub>: three phase motor



## PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY																	
1~ 220V/240V	3~ 380V/415V	KW	HP	Q	n = 2850 r/min																
1~ 220V/240V	3~ 380V/415V				0	2	4	6	8	10	12	14	16								
				m <sup>3</sup> /h l/min	0	33	67	100	133	167	200	233	267								
6SRM10/4	6SR10/4	2.2	3	H(m)	58	55	53	50	46	41	35	27	18								
6SRM10/5	6SR10/5	3	4		72	69	66	62	58	52	43	33	23								
6SRM10/6	6SR10/6	4	5.5		87	83	79	75	69	62	52	40	27								
6SRM10/7	6SR10/7	4	5.5		101	97	93	87	81	72	61	47	32								
6SRM10/8	6SR10/8	5.5	7.5		116	111	106	100	93	83	70	54	36								
	6SR10/10	5.5	7.5		145	138	132	125	116	103	87	67	45								
	6SR10/12	7.5	10		173	166	159	150	139	124	104	80	54								
	6SR10/14	7.5	10		202	194	185	175	162	145	122	94	63								
	6SR10/16	9.2	12.5		231	222	212	200	185	165	139	107	72								
	6SR10/18	9.2	12.5		260	249	238	225	208	186	157	121	81								
	6SR10/20	11	15		289	277	264	250	231	206	174	134	90								
	6SR10/22	11	15		318	305	291	275	255	227	191	147	100								
	6SR10/24	13	17.5		347	332	317	300	278	248	209	161	109								
	6SR10/26	15	20		376	360	344	325	301	268	226	174	118								
	6SR10/28	15	20		405	388	370	350	324	289	244	188	127								
	6SR10/31	18.5	25		448	429	410	387	359	320	270	208	140								
	6SR10/34	18.5	25		491	471	450	425	394	351	296	228	154								
	6SR10/37	22	30		535	512	489	463	428	382	322	248	167								
	6SR10/40	22	30		578	554	529	500	463	413	348	268	181								



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 6"  
Maximum fluid temperature up to +35°C  
Maximum sand content: 0.25%  
Maximum immersion: 100m.

## Specifications

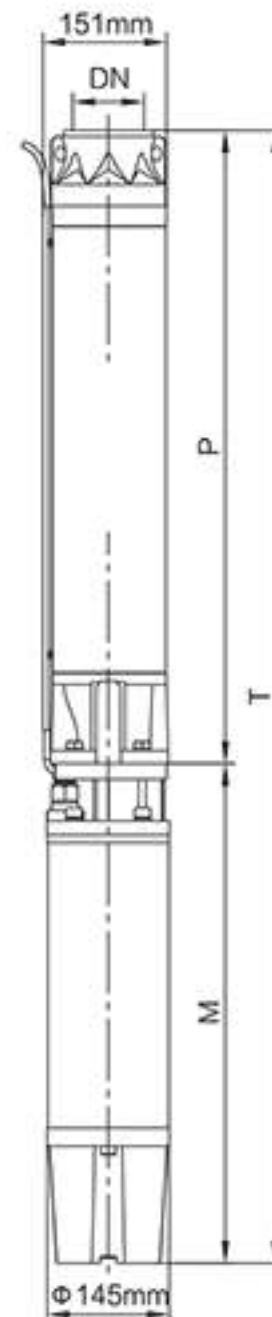
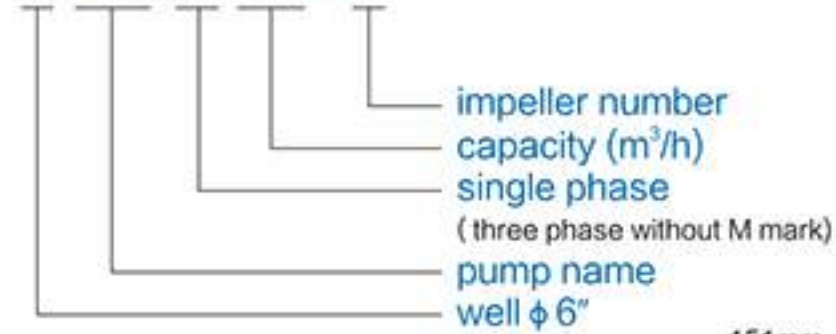
Rewindable motor or water-filled motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

## Options on request

Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz

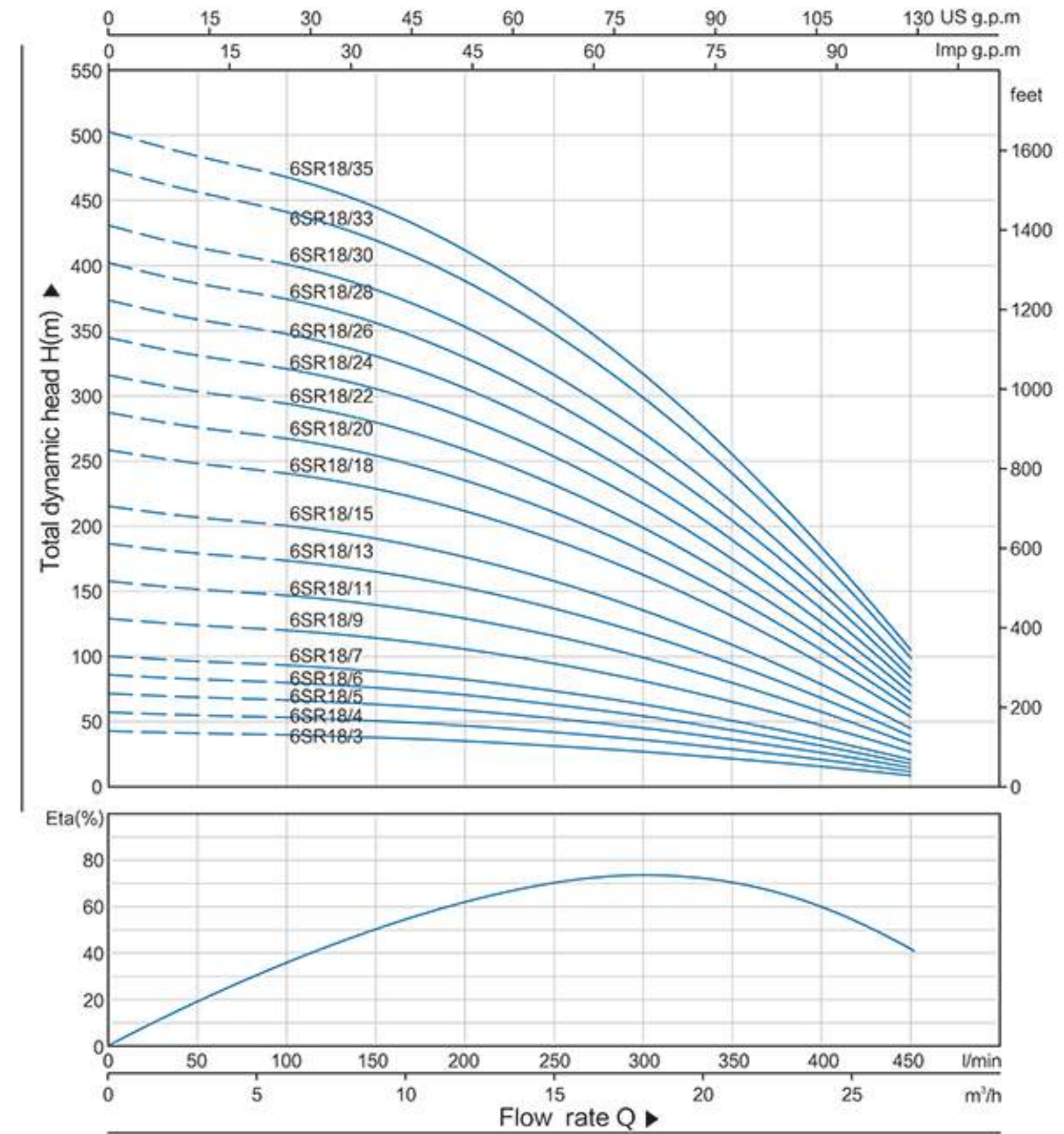
Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-iron ASTM MO.30
Suction lantern	Cast-iron ASTM MO.30
Diffuser	Plastic.PC&AISI 304 SS
Impeller	① Plastic.POM ② Plastic.PC
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	① Cast-iron ASTM NO.30 ② AISI 304 SS
Bottom support	① Cast-iron ASTM NO.30 ② AISI 304 SS
seal	① NBR ② Carbon-SIC/TC
Shaft	AISI 303 SS-ASTM 5140
Thrust bearing	① Graphite-Ceramic ② NSK
Radial bearing	① Graphite-Ceramic ② NSK

### 6 SR M 18 / 3



MODEL		DN	DIMENSIONS(mm)				WEIGHT(kg)					
1~ 220V/240V	3~ 380V/415V		P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>	P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>
6SRM18/3	6SR18/3	2.5" / 3"	549	556	546	1105	1095	13.6	35.9	34.9	49.5	48.5
6SRM18/4	6SR18/4	2.5" / 3"	599	586	566	1185	1165	14.5	38.8	36.9	53.3	51.4
6SRM18/5	6SR18/5	2.5" / 3"	649	616	586	1265	1235	15.3	41.7	38.8	57.0	54.1
6SRM18/6	6SR18/6	2.5" / 3"	699	666	616	1365	1315	16.2	46.5	41.7	62.7	57.9
	6SR18/7	2.5" / 3"	749		616		1365	17.1		41.7		58.8
	6SR18/9	2.5" / 3"	849		666		1515	18.8		46.5		65.3
	6SR18/11	2.5" / 3"	948		716		1664	20.5		51.3		71.8
	6SR18/13	2.5" / 3"	1048		786		1834	22.3		56.1		78.4
	6SR18/15	2.5" / 3"	1148		836		1984	24.0		60.9		84.9
	6SR18/18	2.5" / 3"	1298		886		2184	26.6		65.7		92.3
	6SR18/20	2.5" / 3"	1398		936		2334	28.3		70.5		98.8
	6SR18/22	2.5" / 3"	1497		936		2433	30.1		70.5		100.6
	6SR18/24	2.5" / 3"	1597		1011		2608	31.8		77.7		109.5
	6SR18/26	2.5" / 3"	1697		1011		2708	33.5		77.7		111.2
	6SR18/28	2.5" / 3"	1797		1086		2883	35.3		84.9		120.2
	6SR18/30	2.5" / 3"	1897		1086		2983	37.0		84.9		121.9
	6SR18/33	2.5" / 3"	2046		1161		3207	39.6		92.1		131.7
	6SR18/35	2.5" / 3"	2146		1161		3307	41.3		92.1		133.4

M<sub>(S)</sub> & T<sub>(S)</sub>: single phase motor  
M<sub>(T)</sub> & T<sub>(T)</sub>: three phase motor



## PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY														
1~ 220V/240V	3~ 380V/415V	KW	HP	Q	n ~ 2850 r/min													
0	3				3	9	12	15	18	21	24	27						
0	50	100	150	200	250	300	350	400	450									
220V/240V	6SR18/3	2.2	3	H(m)	43	41	40	38	35	32	27	22	16	9				
6SRM18/3	6SR18/4	3	4		57	55	53	51	47	42	36	29	21	12				
6SRM18/4	6SR18/5	4	5.5		72	69	67	64	59	53	45	36	26	15				
6SRM18/5	6SR18/6	5.5	7.5		86	83	80	76	71	63	55	44	32	18				
6SRM18/6	6SR18/7	5.5	7.5		101	97	94	89	83	74	64	51	37	21				
	6SR18/9	7.5	10		129	124	120	114	106	95	82	66	48	27				
	6SR18/11	9.2	12.5		158	152	147	140	130	116	100	80	58	33				
	6SR18/13	11	15		187	179	174	165	153	137	118	95	69	39				
	6SR18/15	13	17.5		216	207	201	191	177	158	136	109	79	45				
	6SR18/18	15	20		259	248	241	229	212	190	164	131	95	54				
	6SR18/20	18.5	25		287	276	267	254	236	211	182	146	106	60				
	6SR18/22	18.5	25		316	304	294	280	260	232	200	160	116	66				
	6SR18/24	22	30		345	331	321	305	283	253	218	175	127	72				
	6SR18/26	22	30		374	359	348	331	307	274	236	189	137	78				
	6SR18/28	26	35		402	386	374	356	330	295	254	204	148	84				
	6SR18/30	26	35		431	414	401	381	354	316	273	219	159	90				
	6SR18/33	30	40		474	455	441	420	389	348	300	240	174	99				
	6SR18/35	30	40	503	483	468	445	413	369	318	255	185	105					



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 6"  
Maximum fluid temperature up to +35°C  
Maximum sand content: 0.25%  
Maximum immersion: 100m.

## Specifications

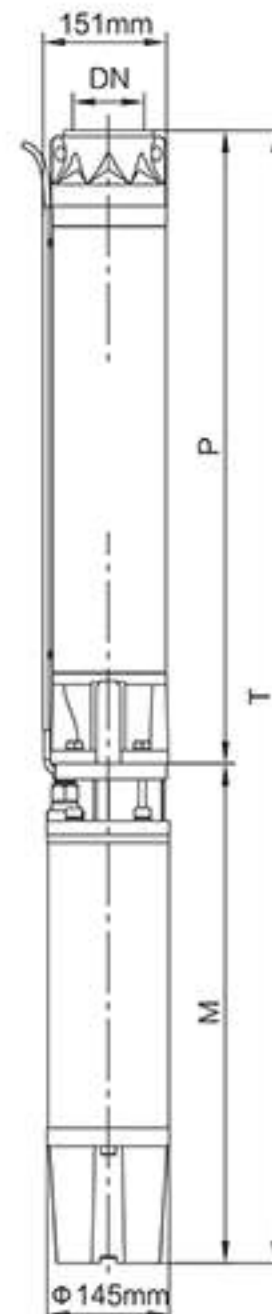
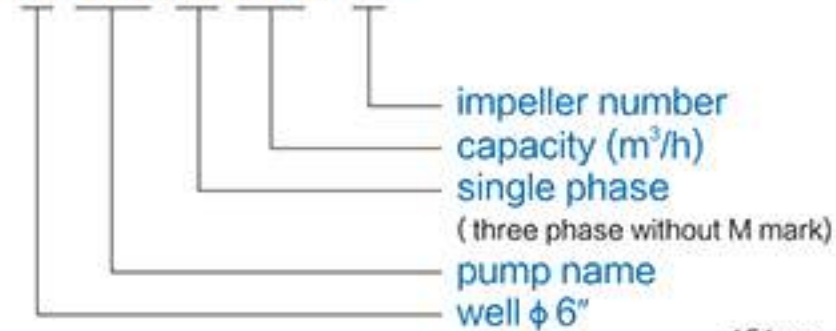
Rewindable motor or water-filled motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-iron ASTM MO.30
Suction lantern	Cast-iron ASTM MO.30
Diffuser	Plastic.PC&AISI 304 SS
Impeller	① Plastic.POM ② Plastic.PC
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	① Cast-iron ASTM NO.30 ② AISI 304 SS
Bottom support	① Cast-iron ASTM NO.30 ② AISI 304 SS
seal	① NBR ② Carbon-SiC/TC
Shaft	AISI 303 SS-ASTM 5140
Thrust bearing	① Graphite-Ceramic ② NSK
Radial bearing	① Graphite-Ceramic ② NSK

## Options on request

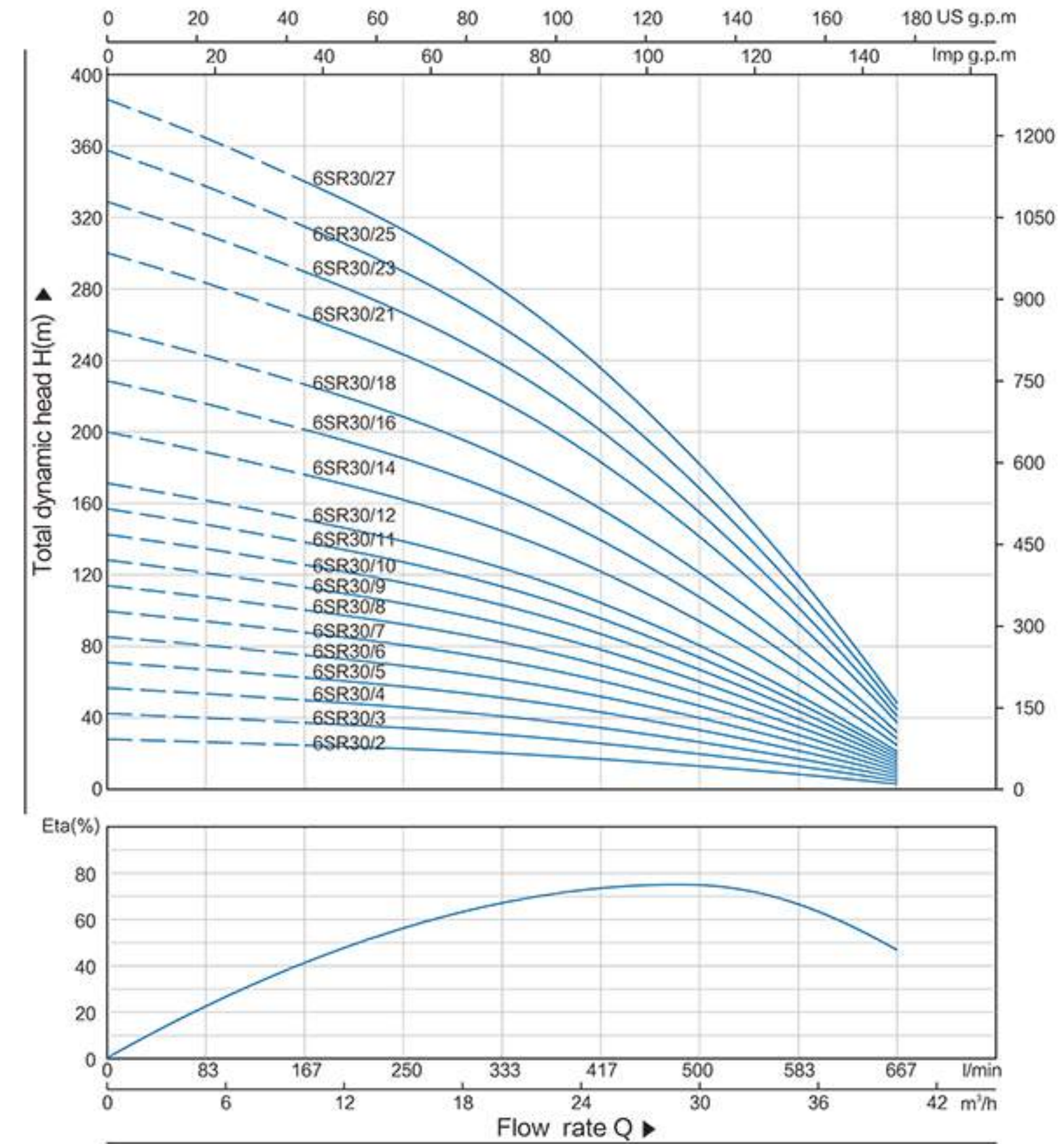
Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz

6 SR M 30 / 2



MODEL		DN	DIMENSIONS(mm)				WEIGHT(kg)					
1~220V/240V	3~380V/415V		P	M(S)	M(T)	T(S)	T(T)	P	M(S)	M(T)	T(S)	T(T)
6SRM30/2	6SR30/2	3" / 4"	507	586	566	1093	1073	13.0	38.8	36.9	51.8	49.9
6SRM30/3	6SR30/3	3" / 4"	561	616	586	1177	1147	14.0	41.7	38.8	55.7	52.8
6SRM30/4	6SR30/4	3" / 4"	615	666	616	1281	1231	15.0	46.5	41.7	61.5	56.7
	6SR30/5	3" / 4"	669		616		1285	16.0		41.7		57.7
	6SR30/6	3" / 4"	723		666		1389	17.0		46.5		63.5
	6SR30/7	3" / 4"	777		666		1443	18.0		46.5		64.5
	6SR30/8	3" / 4"	831		716		1547	19.0		41.3		70.3
	6SR30/9	3" / 4"	885		716		1601	20.0		41.3		71.3
	6SR30/10	3" / 4"	939		786		1725	21.0		56.1		77.1
	6SR30/11	3" / 4"	992		786		1778	22.0		56.1		78.1
	6SR30/12	3" / 4"	1046		836		1882	23.0		60.9		83.9
	6SR30/14	3" / 4"	1154		886		2040	25.0		65.7		90.7
	6SR30/16	3" / 4"	1262		936		2198	27.0		70.5		97.5
	6SR30/18	3" / 4"	1370		936		2306	29.0		70.5		99.5
	6SR30/21	3" / 4"	1531		1011		2542	32.0		77.7		109.7
	6SR30/23	3" / 4"	1639		1086		2725	34.0		84.9		118.9
	6SR30/25	3" / 4"	1747		1161		2908	36.0		92.1		128.1
	6SR30/27	3" / 4"	1855		1161		3016	38.0		92.1		130.1

M(S) & T(S): single phase motor  
M(T) & T(T): three phase motor



## PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY														
1~220V/240V	3~380V/415V	KW	HP	Q m³/h l/min	n ~ 2850 r/min													
					0	5	10	15	20	25	30	35	40					
					0	83	167	250	333	417	500	583	667					
6SRM30/2	6SR30/2	3	4	H(m)	29	27	25	23	21	17	14	9	4					
6SRM30/3	6SR30/3	4	5.5		43	41	38	35	31	26	20	14	5					
6SRM30/4	6SR30/4	5.5	7.5		57	54	50	47	42	35	27	18	7					
	6SR30/5	5.5	7.5		71	68	63	58	52	44	34	23	9					
	6SR30/6	7.5	10		86	81	76	70	62	52	41	27	11					
	6SR30/7	7.5	10		100	95	88	81	73	61	47	32	13					
	6SR30/8	9.2	12.5		114	108	101	93	83	70	54	36	15					
	6SR30/9	9.2	12.5		129	122	113	105	94	79	61	41	16					
	6SR30/10	11	15		143	135	126	116	104	87	68	45	18					
	6SR30/11	11	15		157	149	139	128	114	96	75	50	20					
	6SR30/12	13	17.5		172	162	151	140	125	105	81	54	22					
	6SR30/14	15	20		200	189	176	163	146	122	95	63	25					
	6SR30/16	18.5	25		229	216	201	186	167	140	108	72	29					
	6SR30/18	18.5	25		257	243	227	209	187	157	122	81	33					
	6SR30/21	22	30		300	284	264	244	219	184	142	95	38					
	6SR30/23	26	35		329	311	290	267	239	201	156	104	42					
	6SR30/25	30	40	357	338	315	291	260	219	169	113	45						
	6SR30/27	30	40	386	365	340	314	281	236	183	122	49						



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 6"  
Maximum fluid temperature up to +35°C  
Maximum sand content: 0.25%  
Maximum immersion: 100m.

## Specifications

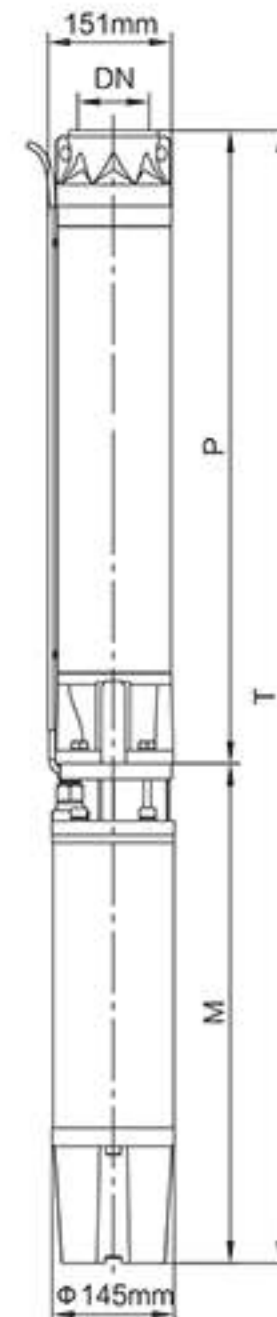
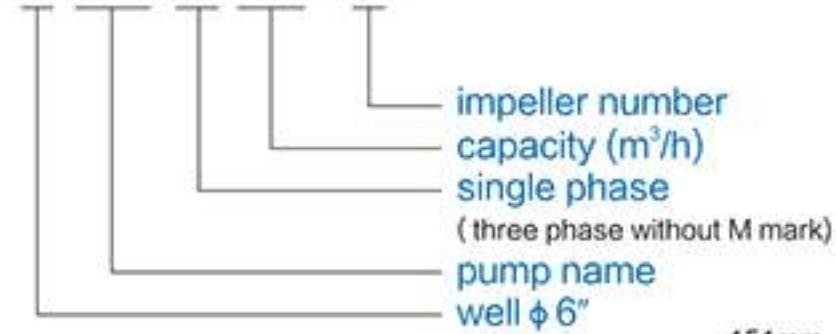
Rewindable motor or water-filled motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-iron ASTM MO.30
Suction lantern	Cast-iron ASTM MO.30
Diffuser	Plastic.PC&AISI 304 SS
Impeller	① Plastic.POM ② Plastic.PC
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	① Cast-iron ASTM NO.30 ② AISI 304 SS
Bottom support	① Cast-iron ASTM NO.30 ② AISI 304 SS
seal	① NBR ② Carbon-SiC/TC
Shaft	AISI 303 SS-ASTM 5140
Thrust bearing	① Graphite-Ceramic ② NSK
Radial bearing	① Graphite-Ceramic ② NSK

## Options on request

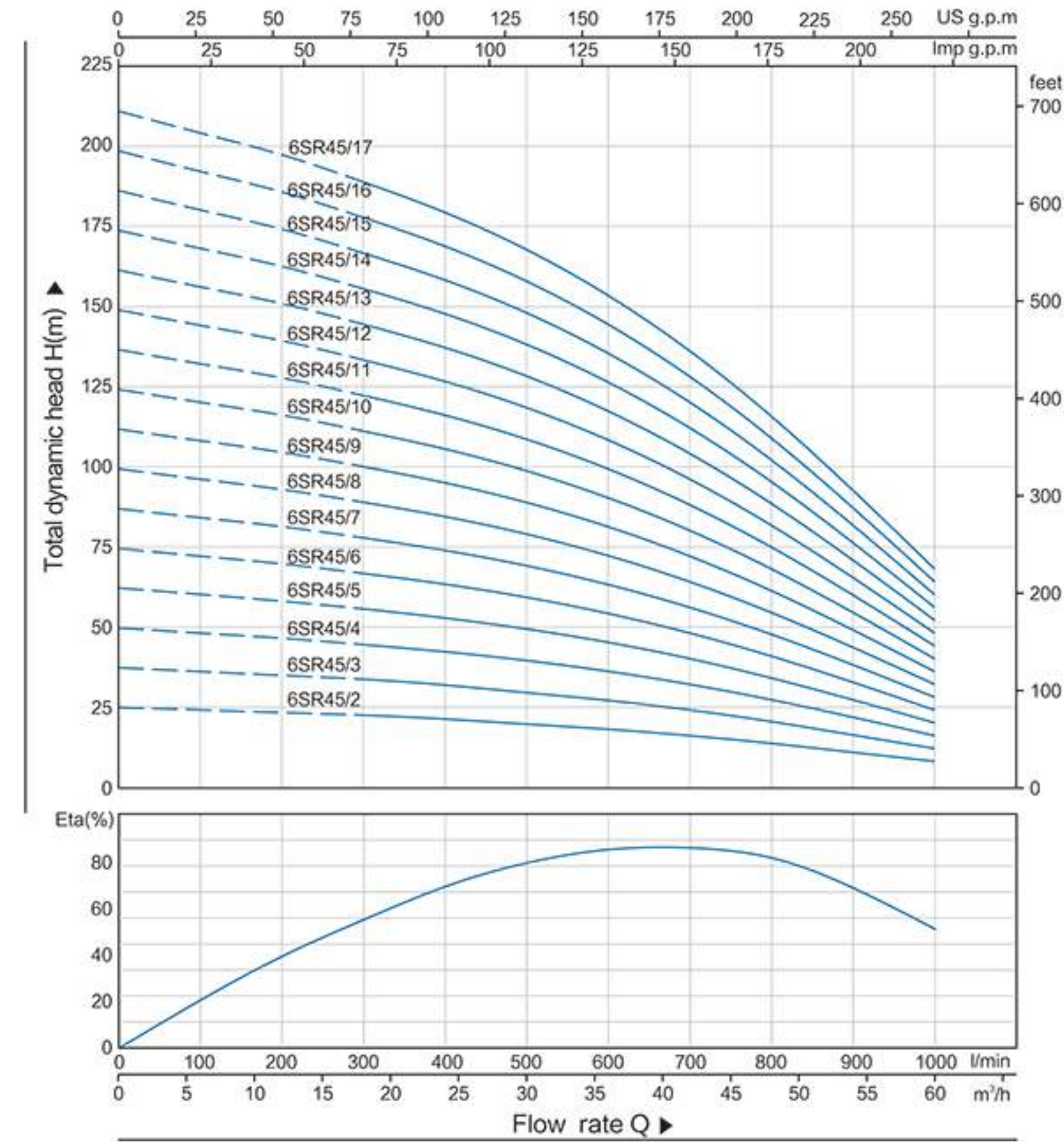
Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz

6 SR M 45 / 2



MODEL		DN	DIMENSIONS(mm)				WEIGHT(kg)					
1~ 220V/240V	3~ 380V/415V		P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>	P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>
6SRM45/2	6SR45/2	3" / 4"	533	586	566	1119	1099	13.5	38.8	36.9	52.3	50.4
6SRM45/3	6SR45/3	3" / 4"	600	616	586	1216	1186	14.8	41.7	38.8	56.5	53.6
6SRM45/4	6SR45/4	3" / 4"	667	666	616	1333	1283	16.0	46.5	41.7	62.5	57.7
	6SR45/5	3" / 4"	734		666		1400	17.3		46.5		63.8
	6SR45/6	3" / 4"	801		716		1517	18.5		51.3		69.8
	6SR45/7	3" / 4"	868		786		1654	19.8		56.1		75.9
	6SR45/8	3" / 4"	935		836		1771	21.0		60.9		81.9
	6SR45/9	3" / 4"	1002		886		1888	22.3		65.7		88.0
	6SR45/10	3" / 4"	1069		936		2005	23.5		70.5		94.0
	6SR45/11	3" / 4"	1135		936		2071	24.8		70.5		95.3
	6SR45/12	3" / 4"	1202		1011		2213	26.0		77.7		103.7
	6SR45/13	3" / 4"	1269		1011		2280	27.3		77.7		105.0
	6SR45/14	3" / 4"	1336		1086		2422	28.5		84.9		113.4
	6SR45/15	3" / 4"	1403		1086		2489	29.8		84.9		114.7
	6SR45/16	3" / 4"	1470		1161		2631	31.0		92.1		123.1
	6SR45/17	3" / 4"	1537		1161		2698	32.3		92.1		124.4

M<sub>(S)</sub> & T<sub>(S)</sub>: single phase motor  
M<sub>(T)</sub> & T<sub>(T)</sub>: three phase motor



## PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY																
1~ 220V/240V	3~ 380V/415V	KW	HP	Q	n = 2850 r/min															
					0	6	12	18	24	30	36	42	48	54	60					
				Q	0	100	200	300	400	500	600	700	800	900	1000					
6SRM45/2	6SR45/2	3	4	H(m)	25	24	23	22	21	20	18	16	14	11	8					
6SRM45/3	6SR45/3	4	5.5		37	36	35	33	32	30	27	24	20	16	12					
6SRM45/4	6SR45/4	5.5	7.5		50	48	46	44	42	39	36	32	27	22	16					
	6SR45/5	7.5	10		62	60	58	55	53	49	45	40	34	27	20					
	6SR45/6	9.2	12.5		74	72	70	67	63	59	54	48	41	33	24					
	6SR45/7	11	15		87	84	81	78	74	69	63	56	48	38	28					
	6SR45/8	13	17.5		99	96	93	89	84	79	72	64	54	44	32					
	6SR45/9	15	20		112	108	104	100	95	89	81	72	61	49	36					
	6SR45/10	18.5	25		124	120	116	111	105	99	90	80	68	54	40					
	6SR45/11	18.5	25		136	132	128	122	116	108	99	88	75	60	44					
	6SR45/12	22	30		149	144	139	133	126	118	108	96	82	65	48					
	6SR45/13	22	30		161	156	151	144	137	128	117	104	88	71	52					
	6SR45/14	26	35		174	168	162	155	148	138	126	112	95	76	56					
	6SR45/15	26	35		186	180	174	167	158	148	135	120	102	82	60					
	6SR45/16	30	40		198	192	186	178	169	158	144	128	109	87	64					
	6SR45/17	30	40		211	204	197	189	179	168	153	136	116	93	68					



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 6"  
Maximum fluid temperature up to +35°C .  
Maximum sand content: 0.25%.  
Maximum immersion: 100m.

## Specifications

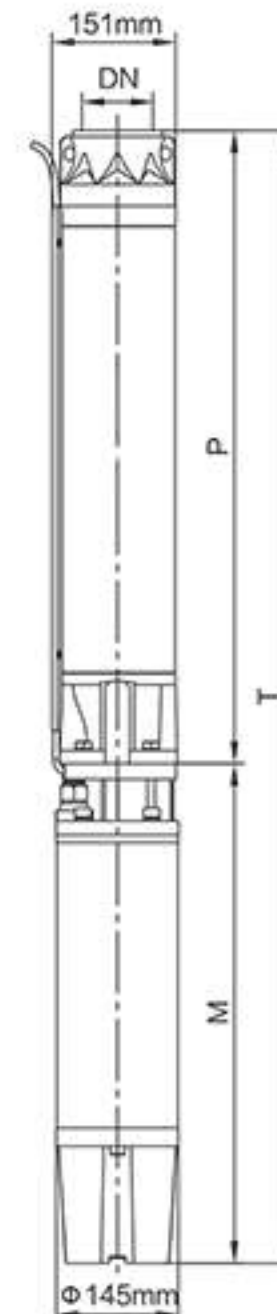
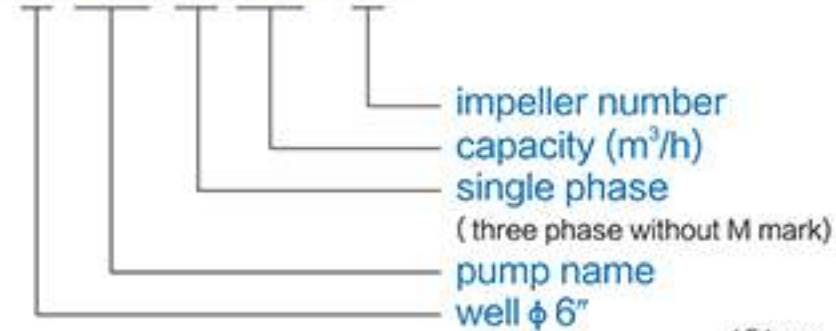
Rewindable motor or water-filled motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-iron ASTM MO.30
Suction lantern	Cast-iron ASTM MO.30
Diffuser	Plastic.PC&AISI 304 SS
Impeller	① Plastic.POM ② Plastic.PC
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	① Cast-iron ASTM NO.30 ② AISI 304 SS
Bottom support	① Cast-iron ASTM NO.30 ② AISI 304 SS
seal	① NBR ② Carbon-SIC/TC
Shaft	AISI 303 SS-ASTM 5140
Thrust bearing	① Graphite-Ceramic ② NSK
Radial bearing	① Graphite-Ceramic ② NSK

## Options on request

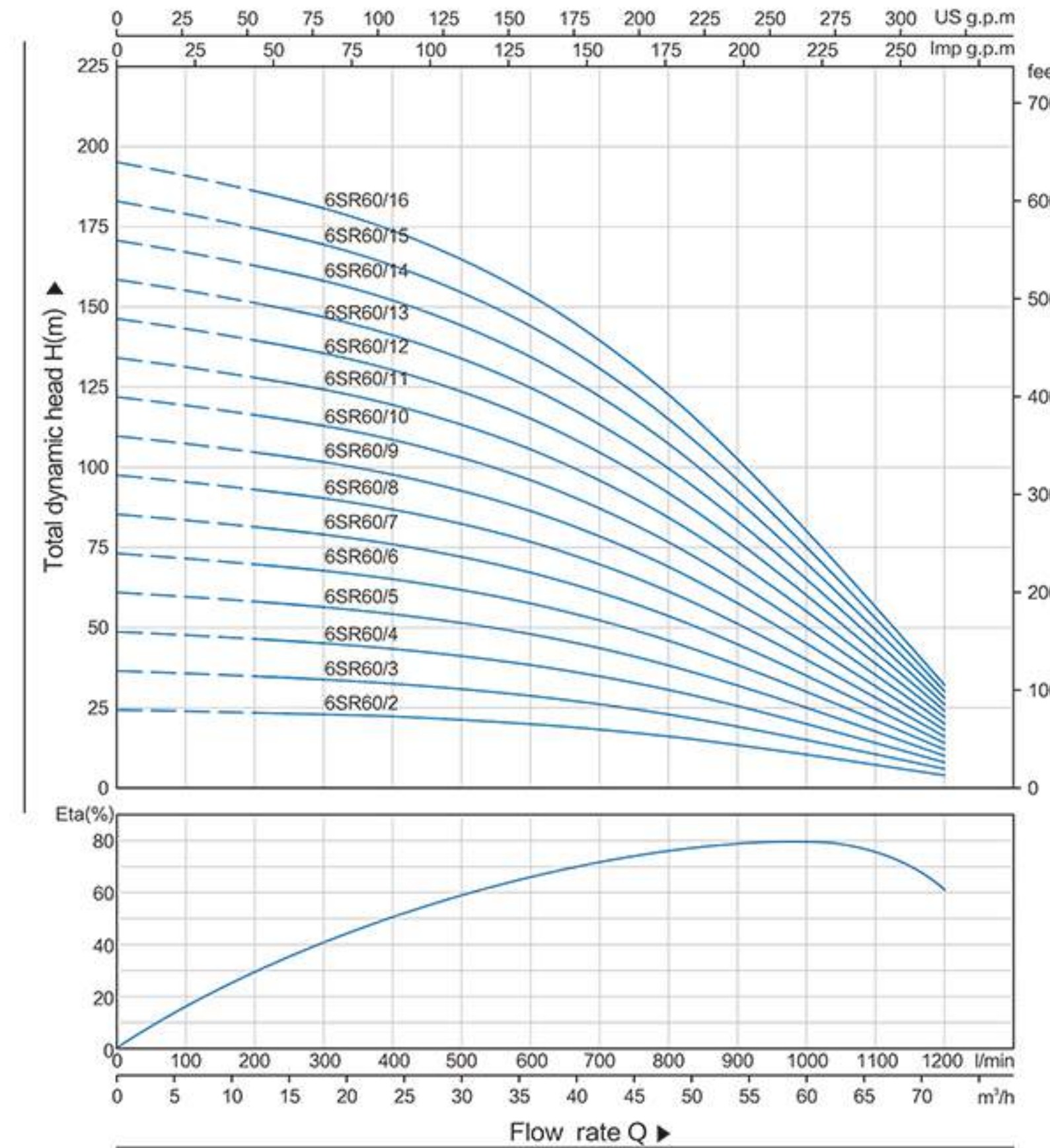
Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz

6 SR M 60 / 2



MODEL		DN	DIMENSIONS(mm)				WEIGHT(kg)					
1~220V/240V	3~380V/415V		P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>	P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>
6SRM60/2	6SR60/2	3" / 4"	533	616	586	1149	1119	13.5	41.7	38.8	55.2	52.3
6SRM60/3	6SR60/3	3" / 4"	600	666	616	1266	1216	14.8	46.5	41.7	61.3	56.5
	6SR60/4	3" / 4"	667		666		1333	16.0		46.5		62.5
	6SR60/5	3" / 4"	734		786		1520	17.3		56.1		73.4
	6SR60/6	3" / 4"	801		836		1637	18.5		60.9		79.4
	6SR60/7	3" / 4"	868		886		1754	19.8		65.7		85.5
	6SR60/8	3" / 4"	935		936		1871	21.0		70.5		91.5
	6SR60/9	3" / 4"	1002		936		1938	22.3		70.5		92.8
	6SR60/10	3" / 4"	1069		1011		2080	23.5		77.7		101.2
	6SR60/11	3" / 4"	1135		1086		2221	24.8		84.9		109.7
	6SR60/12	3" / 4"	1202		1086		2288	26.0		84.9		110.9
	6SR60/13	3" / 4"	1269		1161		2430	27.3		92.1		119.4
	6SR60/14	3" / 4"	1336		1161		2497	28.5		92.1		120.6
	6SR60/15	3" / 4"	1403		1261		2664	29.8		101.7		131.5
	6SR60/16	3" / 4"	1470		1261		2731	31.0		101.7		132.7

M<sub>(S)</sub> & T<sub>(S)</sub>: single phase motor  
M<sub>(T)</sub> & T<sub>(T)</sub>: three phase motor



## PERFORMANCE DATA

MODEL	50Hz	POWER		DELIVERY	n ≈ 2850 r/min															
		KW	HP		Q	0	6	12	18	24	30	36	42	48	54	60	66	72		
1~220V/240V	3~380V/415V			m <sup>3</sup> /h	0	100	200	300	400	500	600	700	800	900	1000	1100	1200			
6SRM60/2	6SR60/2	4	5.5	H(m)	24	24	23	23	22	21	19	17	15	13	10	7	4			
6SRM60/3	6SR60/3	5.5	7.5		37	36	35	34	33	31	29	26	23	19	15	11	6			
	6SR60/4	7.5	10		49	48	47	45	43	41	38	35	31	26	20	14	8			
	6SR60/5	11	15		61	60	58	56	54	51	48	44	38	32	25	18	10			
	6SR60/6	13	17.5		73	72	70	68	65	62	58	52	46	38	30	21	12			
	6SR60/7	15	20		85	84	81	79	76	72	67	61	54	45	35	25	14			
	6SR60/8	18.5	25		98	95	93	90	87	82	77	70	61	51	40	28	16			
	6SR60/9	18.5	25		110	107	105	102	98	93	86	78	69	58	45	32	18			
	6SR60/10	22	30		122	119	116	113	109	103	96	87	77	64	50	35	20			
	6SR60/11	26	35		134	131	128	124	119	113	106	96	84	70	55	39	22			
	6SR60/12	26	35		146	143	140	136	130	124	115	105	92	77	60	42	24			
	6SR60/13	30	40		159	155	151	147	141	134	125	113	100	83	65	46	26			
	6SR60/14	30	40		171	167	163	158	152	144	134	122	107	90	70	49	28			
	6SR60/15	37	50		183	179	175	170	163	155	144	131	115	96	75	53	30			
	6SR60/16	37	50		195	191	186	181	174	165	154	140	123	102	80	56	32			



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 6"  
Maximum fluid temperature up to +50°C.  
Maximum sand content: 0.25%.  
Maximum immersion: 100m.

## Specifications

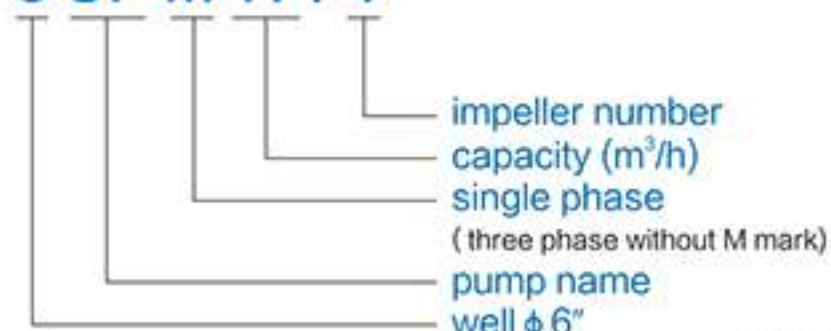
Rewindable motor or water-filled motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

Components	Material
Pump external casing	① AISI 304 SS ② AISI 316 SS
Delivery casing	① AISI 304 SS ② AISI 316 SS
Suction lantern	① AISI 304 SS ② AISI 316 SS
Diffuser	① AISI 304 SS ② AISI 316 SS
Impeller	① AISI 304 SS ② AISI 316 SS
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-iron ASTM NO.30 ② AISI 304 SS
Bottom support	① Cast-iron ASTM NO.30 ② AISI 304 SS
seal	① NBR ② Carbon-SiC/TC
Shaft	AISI 303 SS-ASTM 5140
Thrust bearing	① Graphite-Ceramic ② NSK
Radial bearing	① Graphite-Ceramic ② NSK

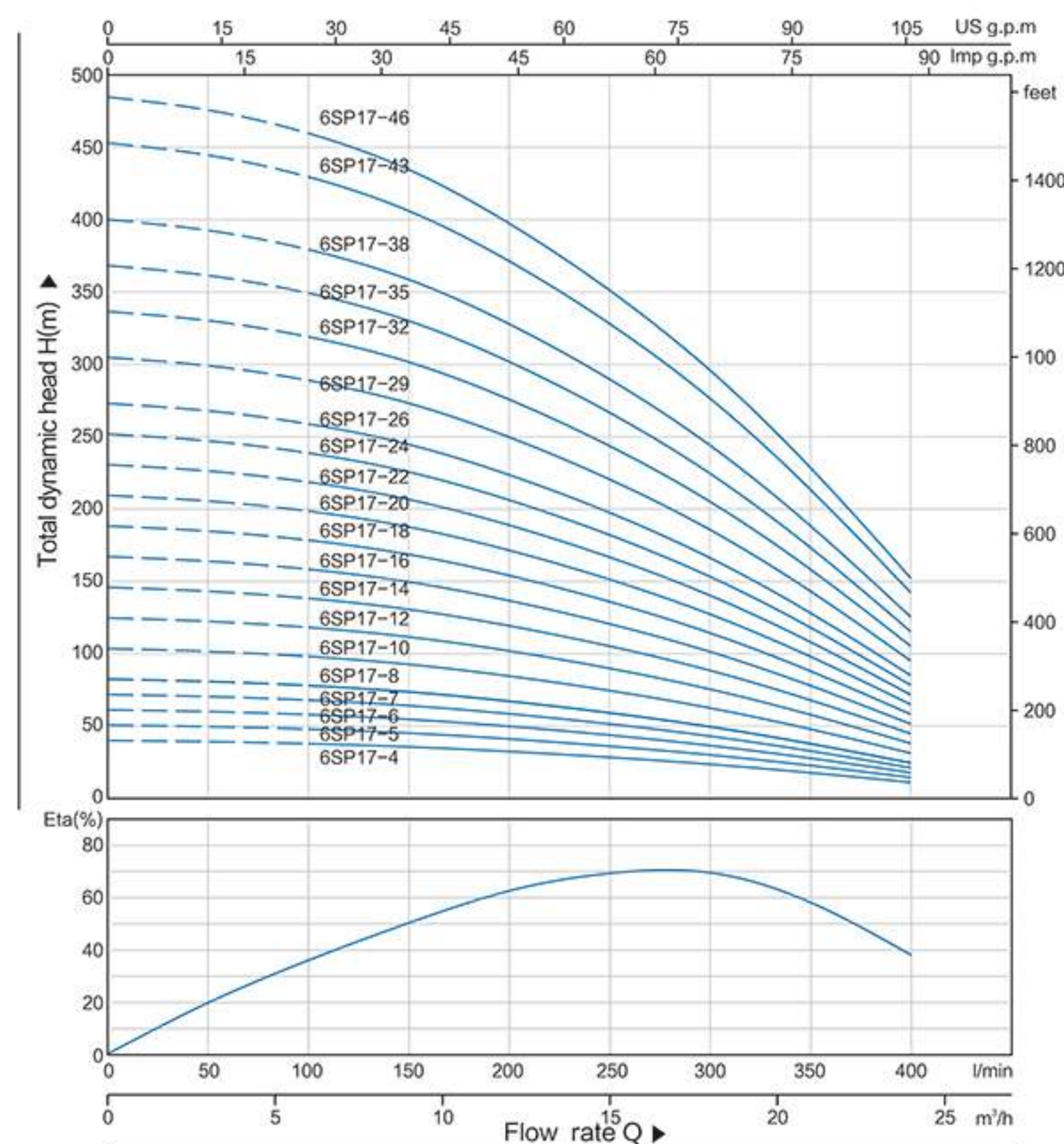
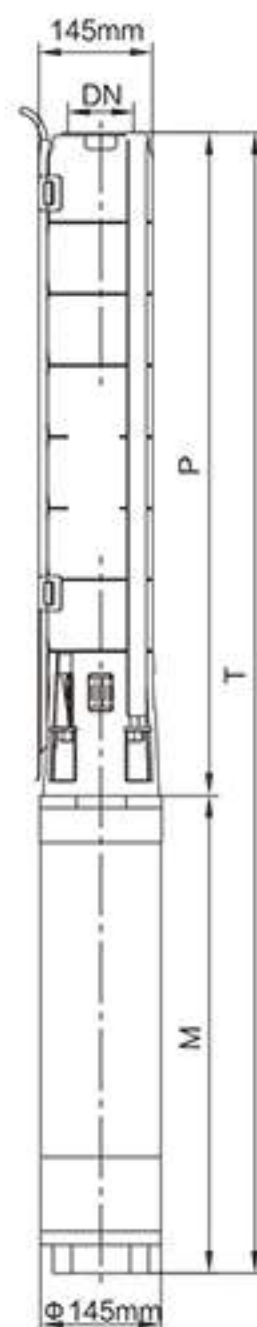
## Options on request

Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz

6 SP M 17 / 4



MODEL		DN	DIMENSIONS(mm)					WEIGHT(kg)				
1- 220V/240V	3- 380V/415V		P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>	P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>
6SPM17-4	6SP17-4	3" / 4"	454	506	439	960	893	7.5	35.9	31.1	43.4	38.6
6SPM17-5	6SP17-5	3" / 4"	499	536	454	1035	953	8.5	38.8	32.5	47.3	41.0
6SPM17-6	6SP17-6	3" / 4"	544	566	499	1110	1043	9.5	41.7	36.9	51.2	46.4
6SPM17-7	6SP17-7	3" / 4"	589	566	499	1155	1088	10.5	41.7	36.9	52.2	47.4
6SPM17-8	6SP17-8	3" / 4"	634	616	544	1250	1178	11.5	46.5	41.2	58.0	52.7
	6SP17-10	3" / 4"	724		544		1268	13.5		41.2		54.7
	6SP17-12	3" / 4"	814		589		1403	15.5		45.5		61.0
	6SP17-14	3" / 4"	904		634		1538	17.5		49.8		67.3
	6SP17-16	3" / 4"	994		634		1628	19.5		49.8		69.3
	6SP17-18	3" / 4"	1084		679		1763	21.5		54.1		75.6
	6SP17-20	3" / 4"	1174		679		1853	23.5		54.1		77.6
	6SP17-22	3" / 4"	1264		724		1988	25.5		58.5		84.0
	6SP17-24	3" / 4"	1354		724		2078	27.5		58.5		86.0
	6SP17-26	3" / 4"	1444		774		2218	29.5		63.3		92.8
	6SP17-29	3" / 4"	1579		849		2428	32.5		70.5		103.0
	6SP17-32	3" / 4"	1714		849		2563	35.5		70.5		106.0
	6SP17-35	3" / 4"	1849		924		2773	38.5		77.7		116.2
	6SP17-38	3" / 4"	1984		924		2908	41.5		77.7		119.2
	6SP17-43	3" / 4"	2209		999		3208	46.5		84.9		131.4
	6SP17-46	3" / 4"	2344		999		3343	49.5		84.9		134.4



## PERFORMANCE DATA

MODEL	50Hz	POWER	DELIVERY	n = 2850 r/min													
				1- 220V/240V	3- 380V/415V	KW	HP	Q	0	3	6	9	12	15	18	21	24
6SPM17-4	6SP17-4	2.2	3	42	41	40	38	35	31	26	20	13					
6SPM17-5	6SP17-5	3	4	53	52	50	47	43	38	32	25	17					
6SPM17-6	6SP17-6	4	5.5	63	62	60	57	52	46	39	30	20					
6SPM17-7	6SP17-7	4	5.5	74	72	70	66	61	54	45	35	23					
6SPM17-8	6SP17-8	5.5	7.5	84	83	80	76	69	61	52	40	27					
	6SP17-10	5.5	7.5	105	103	100	95	87	77	65	50	33					
	6SP17-12	7.5	10	127	124	120	113	104	92	77	60	40					
	6SP17-14	9.2	12.5	148	145	140	132	121	107	90	70	47					
	6SP17-16	9.2	12.5	169	166	160	151	138	122	103	80	54					
	6SP17-18	11	15	190	186	180	170	156	138	116	90	60					
	6SP17-20	11	15	211	207	200	189	173	153	129	100	67					
	6SP17-22	13	17.5	232	228	220	208	190	168	142	110	74					
	6SP17-24	13	17.5	253	248	240	227	208	184	155	120	80					
	6SP17-26	15	20	274	269	260	246	225	199	168	130	87					
	6SP17-29	18.5	25	306	300	290	274	251	222	187	145	97					
	6SP17-32	18.5	25	337	331	320	303	277	245	207	160	107					
	6SP17-35	22	30	369	362	350	331	303	268	226	175	117					
	6SP17-38	22	30	401	393	380	359	329	291	245	190	127					
	6SP17-43	26	35	453	445	430	407	372	329	278	215	144					
	6SP17-46	26	35	485	476	460	435	398	352	297	230	154					



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 6"  
Maximum fluid temperature up to +50°C.  
Maximum sand content: 0.25%.  
Maximum immersion: 100m.

## Specifications

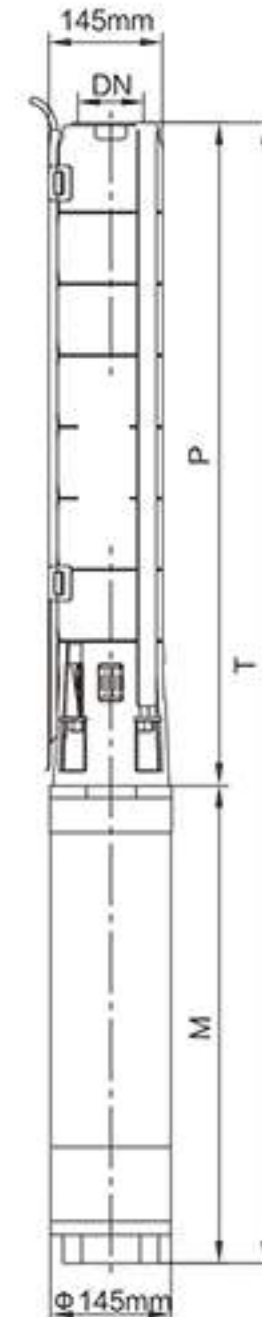
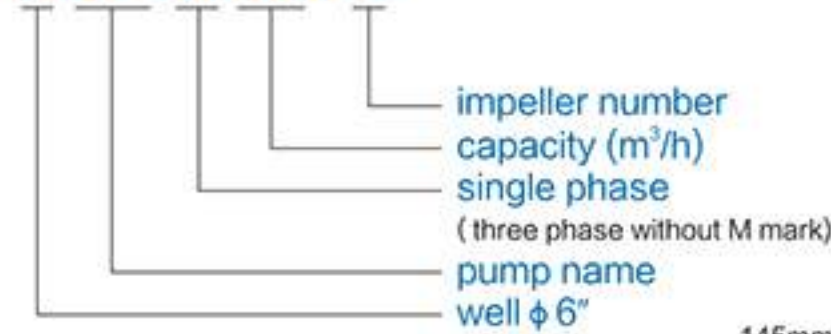
Rewindable motor or water-filled motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

Components	Material
Pump external casing	① AISI 304 SS ② AISI 316 SS
Delivery casing	① AISI 304 SS ② AISI 316 SS
Suction lantern	① AISI 304 SS ② AISI 316 SS
Diffuser	① AISI 304 SS ② AISI 316 SS
Impeller	① AISI 304 SS ② AISI 316 SS
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-iron ASTM NO.30 ② AISI 304 SS
Bottom support	① Cast-iron ASTM NO.30 ② AISI 304 SS
seal	① NBR ② Carbon-SiC/TC
Shaft	AISI 303 SS-ASTM 5140
Thrust bearing	① Graphite-Ceramic ② NSK
Radial bearing	① Graphite-Ceramic ② NSK

## Options on request

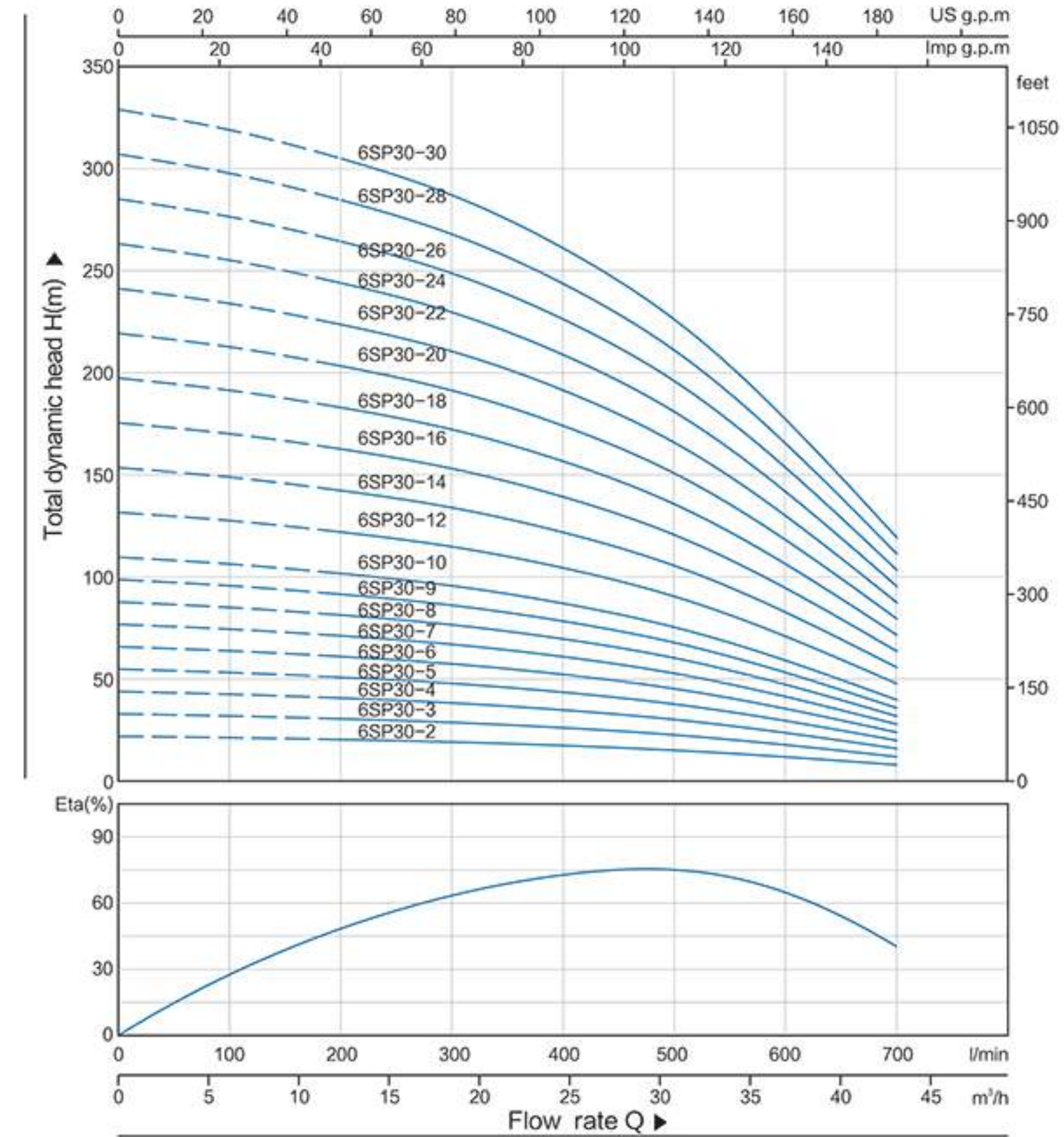
Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz

6 SP M 30 / 2



MODEL		DN	DIMENSIONS(mm)				WEIGHT(kg)					
1~ 220V/240V	3~ 380V/415V		P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>	P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>
6SPM30-2	6SP30-2	3" / 4"	466	506	439	972	905	7.1	35.9	31.1	43.0	38.2
6SPM30-3	6SP30-3	3" / 4"	562	536	454	1098	1016	8.9	38.8	32.5	47.7	41.4
6SPM30-4	6SP30-4	3" / 4"	658	566	499	1224	1157	10.7	41.7	36.9	52.4	47.6
6SPM30-5	6SP30-5	3" / 4"	754	616	544	1370	1298	12.5	46.5	41.2	59.0	53.7
	6SP30-6	3" / 4"	850		544		1394	14.3		41.2		55.5
	6SP30-7	3" / 4"	946		589		1535	16.1		45.5		61.6
	6SP30-8	3" / 4"	1042		589		1631	17.9		45.5		63.4
	6SP30-9	3" / 4"	1138		634		1772	19.7		49.8		69.5
	6SP30-10	3" / 4"	1234		634		1868	21.5		49.8		71.3
	6SP30-12	3" / 4"	1462		679		2105	25.1		54.1		19.2
	6SP30-14	3" / 4"	1618		724		2342	28.7		58.5		87.2
	6SP30-16	3" / 4"	1810		774		2584	32.3		63.3		95.6
	6SP30-18	3" / 4"	2002		849		2851	35.9		70.5		106.4
	6SP30-20	3" / 4"	2194		849		3043	39.5		70.5		110.0
	6SP30-22	3" / 4"	2386		924		3310	43.1		77.7		120.8
	6SP30-24	3" / 4"	2578		924		3502	46.7		77.7		124.4
	6SP30-26	3" / 4"	2770		924		3694	50.3		77.7		128.0
	6SP30-28	3" / 4"	2962		999		3961	53.9		84.9		138.8
	6SP30-30	3" / 4"	3154		999		4153	57.5		84.9		142.4

M<sub>(S)</sub> & T<sub>(S)</sub>: single phase motor  
M<sub>(T)</sub> & T<sub>(T)</sub>: three phase motor



## PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY								
1~ 220V/240V	3~ 380V/415V	KW	HP	n = 2850 r/min								
				Q	0	6	12	18	24	30	36	42
				m³/h l/min	0	100	200	300	400	500	600	700
6SPM30-2	6SP30-2	2.2	3	H(m)	22	21	20	19	17	15	12	8
6SPM30-3	6SP30-3	3	4		33	32	30	29	26	23	18	12
6SPM30-4	6SP30-4	4	5.5		44	43	41	38	35	30	24	16
6SPM30-5	6SP30-5	5.5	7.5		55	53	51	48	43	38	29	20
	6SP30-6	5.5	7.5		66	64	61	57	52	45	35	24
	6SP30-7	7.5	10		77	74	71	67	61	53	41	28
	6SP30-8	7.5	10		88	85	81	77	70	60	47	32
	6SP30-9	9.2	12.5		99	96	91	86	78	68	53	36
	6SP30-10	9.2	12.5		110	106	102	96	87	75	59	40
	6SP30-12	11	15		132	128	122	115	104	90	71	48
	6SP30-14	13	17.5		154	149	142	134	122	105	83	56
	6SP30-16	15	20		175	170	163	153	139	121	94	63
	6SP30-18	18.5	25		197	191	183	172	157	136	106	71
	6SP30-20	18.5	25		219	213	203	191	174	151	118	79
	6SP30-22	22	30		241	234	224	210	191	166	130	87
	6SP30-24	22	30		263	255	244	230	209	181	142	95
	6SP30-26	22	30		285	276	264	249	226	196	153	103
	6SP30-28	26	35		307	298	285	268	244	211	165	111
	6SP30-30	26	35	329	319	305	287	261	226	177	119	



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 6"  
Maximum fluid temperature up to +50°C.  
Maximum sand content: 0.25%  
Maximum immersion: 100m.

## Specifications

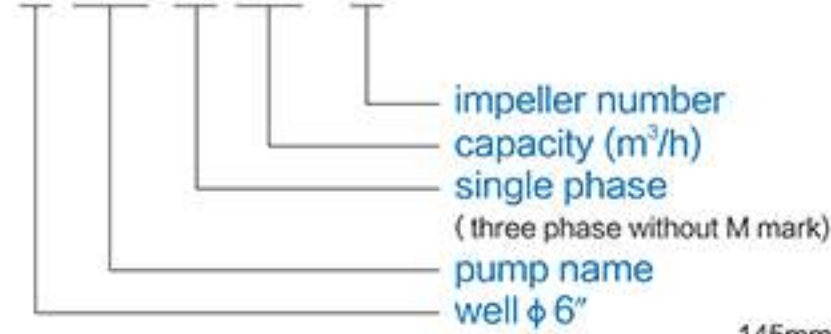
Rewindable motor or water-filled motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

Components	Material
Pump external casing	① AISI 304 SS ② AISI 316 SS
Delivery casing	① AISI 304 SS ② AISI 316 SS
Suction lantern	① AISI 304 SS ② AISI 316 SS
Diffuser	① AISI 304 SS ② AISI 316 SS
Impeller	① AISI 304 SS ② AISI 316 SS
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-iron ASTM NO.30 ② AISI 304 SS
Bottom support	① Cast-iron ASTM NO.30 ② AISI 304 SS
seal	① NBR ② Carbon-SiC/TC
Shaft	AISI 303 SS-ASTM 5140
Thrust bearing	① Graphite-Ceramic ② NSK
Radial bearing	① Graphite-Ceramic ② NSK

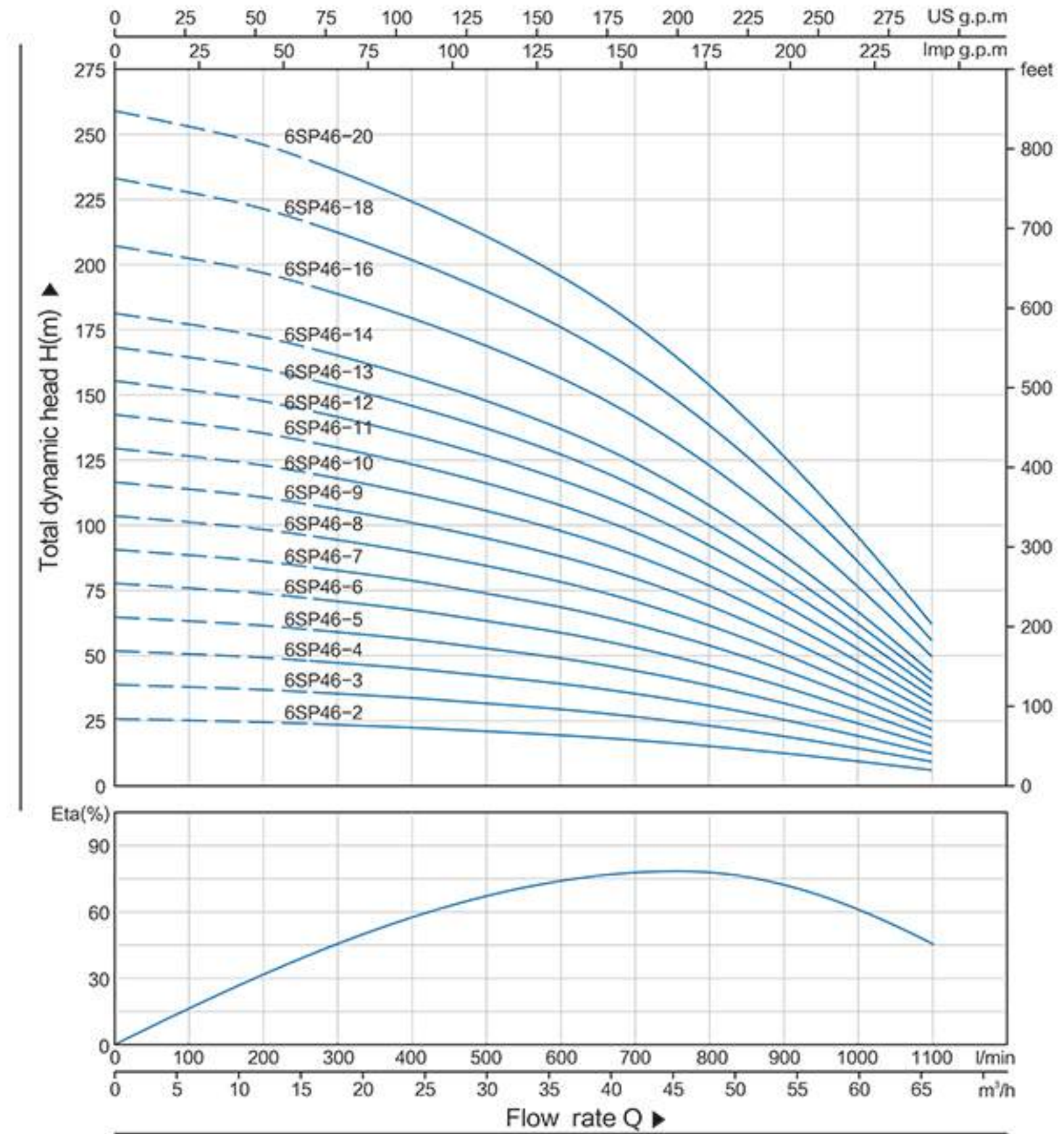
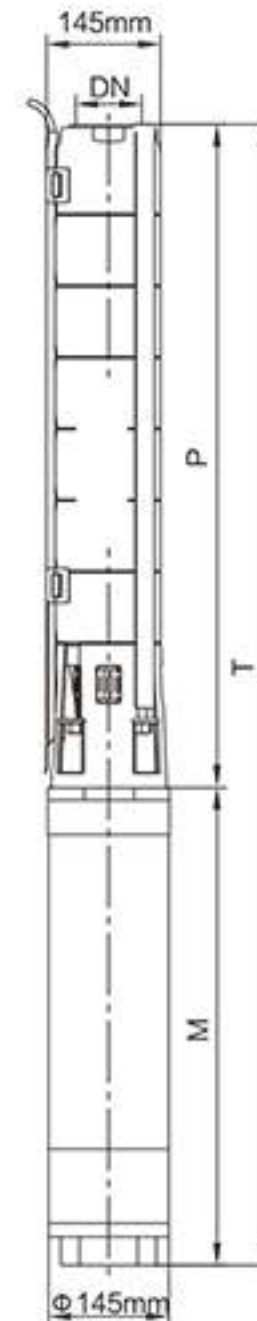
## Options on request

Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz

6 SP M 46 / 2



MODEL		DN	DIMENSIONS(mm)				WEIGHT(kg)					
1-220V/240V	3-380V/415V		P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>	P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>
6SPM46-2	6SP46-2	3" / 4"	500	536	454	1036	954	8.5	38.8	32.5	47.3	41
6SPM46-3A	6SP46-3A	3" / 4"	613	566	499	1179	1112	11.0	41.7	36.9	52.7	47.9
6SPM46-3	6SP46-3	3" / 4"	613	616	544	1229	1157	11.0	46.5	41.2	57.5	52.2
	6SP46-4	3" / 4"	726		589		1315	13.5		45.6		59.0
	6SP46-5	3" / 4"	839		589		1428	16.0		45.5		61.5
	6SP46-6	3" / 4"	952		634		1586	18.5		49.8		68.3
	6SP46-7	3" / 4"	1065		679		1744	21.0		54.1		75.1
	6SP46-8	3" / 4"	1178		724		1902	23.5		58.5		82.0
	6SP46-9	3" / 4"	1291		774		2065	26.0		63.3		89.3
	6SP46-10	3" / 4"	1404		774		2178	28.5		63.3		91.8
	6SP46-11	3" / 4"	1517		849		2366	31.0		70.5		101.5
	6SP46-12	3" / 4"	1630		849		2479	33.5		70.5		104.0
	6SP46-13	3" / 4"	1743		924		2667	36.0		77.7		113.7
	6SP46-14	3" / 4"	1856		924		2780	38.5		77.7		116.2
	6SP46-16	3" / 4"	2082		999		3081	43.5		84.9		128.4
	6SP46-18	3" / 4"	2308		1074		3382	48.5		92.1		140.6
	6SP46-20	3" / 4"	2534		1074		3608	53.5		92.1		145.6



## PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY																
1-220V/240V	3-380V/415V	KW	HP	n = 2850 r/min																
				Q	H(m)															
				m³/h	0	6	12	18	24	30	36	42	48	54	60	66				
				l/min	0	100	200	300	400	500	600	700	800	900	1000	1100				
6SPM4-2	6SP46-2	3	4		26	25	25	24	22	21	20	18	15	13	10	6				
6SPM46-3A	6SP46-3A	4	5.5		35	34	33	32	31	28	26	23	20	16	12	8				
6SPM46-3	6SP46-3	5.5	7.5		39	38	37	35	34	32	29	27	23	19	14	9				
	6SP46-4	7.5	10		52	51	49	47	45	42	39	35	31	25	19	12				
	6SP46-5	7.5	10		65	63	61	59	56	53	49	44	38	32	24	15				
	6SP46-6	9.2	12.5		78	76	74	71	67	63	59	53	46	38	29	19				
	6SP46-7	11	15		91	89	86	83	79	74	69	62	54	44	34	22				
	6SP46-8	13	17.5		104	101	98	94	90	84	78	71	62	51	38	25				
	6SP46-9	15	20		117	114	111	106	101	95	88	80	69	57	43	28				
	6SP46-10	15	20		130	127	123	118	112	105	98	88	77	63	48	31				
	6SP46-11	18.5	25		142	139	135	130	124	116	108	97	85	70	53	34				
	6SP46-12	18.5	25		155	152	148	142	135	127	118	106	92	76	58	37				
	6SP46-13	22	30		168	164	160	153	146	137	127	115	100	83	62	40				
	6SP46-14	22	30		181	177	172	165	158	148	137	124	108	89	67	43				
	6SP46-16	26	35		207	202	197	189	180	169	157	142	123	102	77	50				
	6SP46-18	30	40		233	228	221	212	203	190	176	159	139	114	86	56				
	6SP46-20	30	40		259	253	246	236	225	211	196	177	154	127	96	62				

M<sub>(S)</sub> & T<sub>(S)</sub>: single phase motor  
M<sub>(T)</sub> & T<sub>(T)</sub>: three phase motor 3" / 4"



## Applications

Water supply  
Sprinkler irrigation  
Pressure boosting  
Fire-fighting

## Operating conditions

Minimum well diameter: 6"  
Maximum fluid temperature up to +50°C.  
Maximum sand content: 0.25%.  
Maximum immersion: 100m.

## Specifications

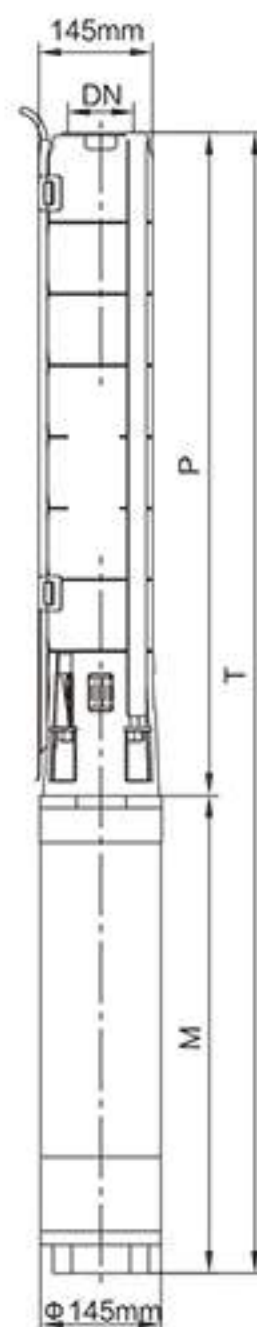
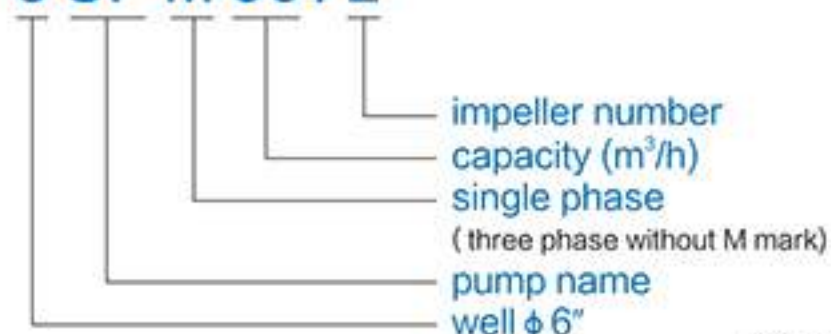
Rewindable motor or water-filled motor  
Single-phase: 220V-240V/50Hz  
Three-phase: 380V-415V/50Hz  
Dimension complied with NEMA standard  
Curve tolerance accord with ISO9906

Components	Material
Pump external casing	① AISI 304 SS ② AISI 316 SS
Delivery casing	① AISI 304 SS ② AISI 316 SS
Suction lantern	① AISI 304 SS ② AISI 316 SS
Diffuser	① AISI 304 SS ② AISI 316 SS
Impeller	① AISI 304 SS ② AISI 316 SS
Shaft	① AISI 316 SS ② AISI 304 SS
Shaft coupling	① AISI 316 SS ② AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	① Cast-iron ASTM NO.30 ② AISI 304 SS
Bottom support	① Cast-iron ASTM NO.30 ② AISI 304 SS
seal	① NBR ② Carbon-SiC/TC
Shaft	AISI 303 SS-ASTM 5140
Thrust bearing	① Graphite-Ceramic ② NSK
Radial bearing	① Graphite-Ceramic ② NSK

## Options on request

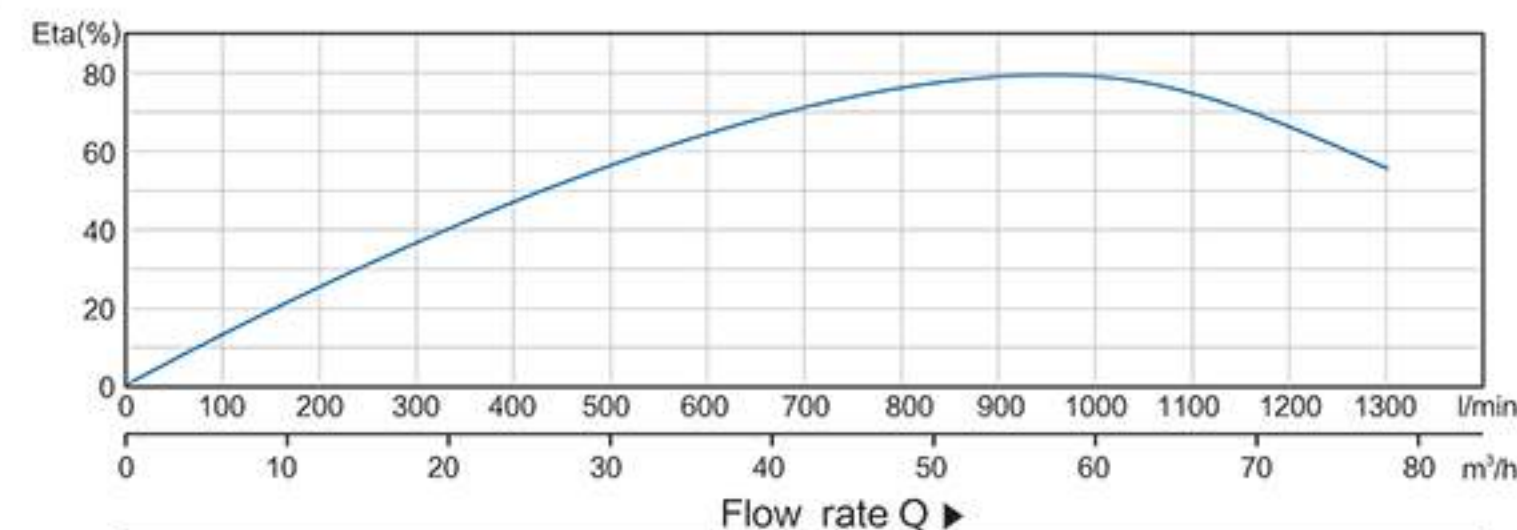
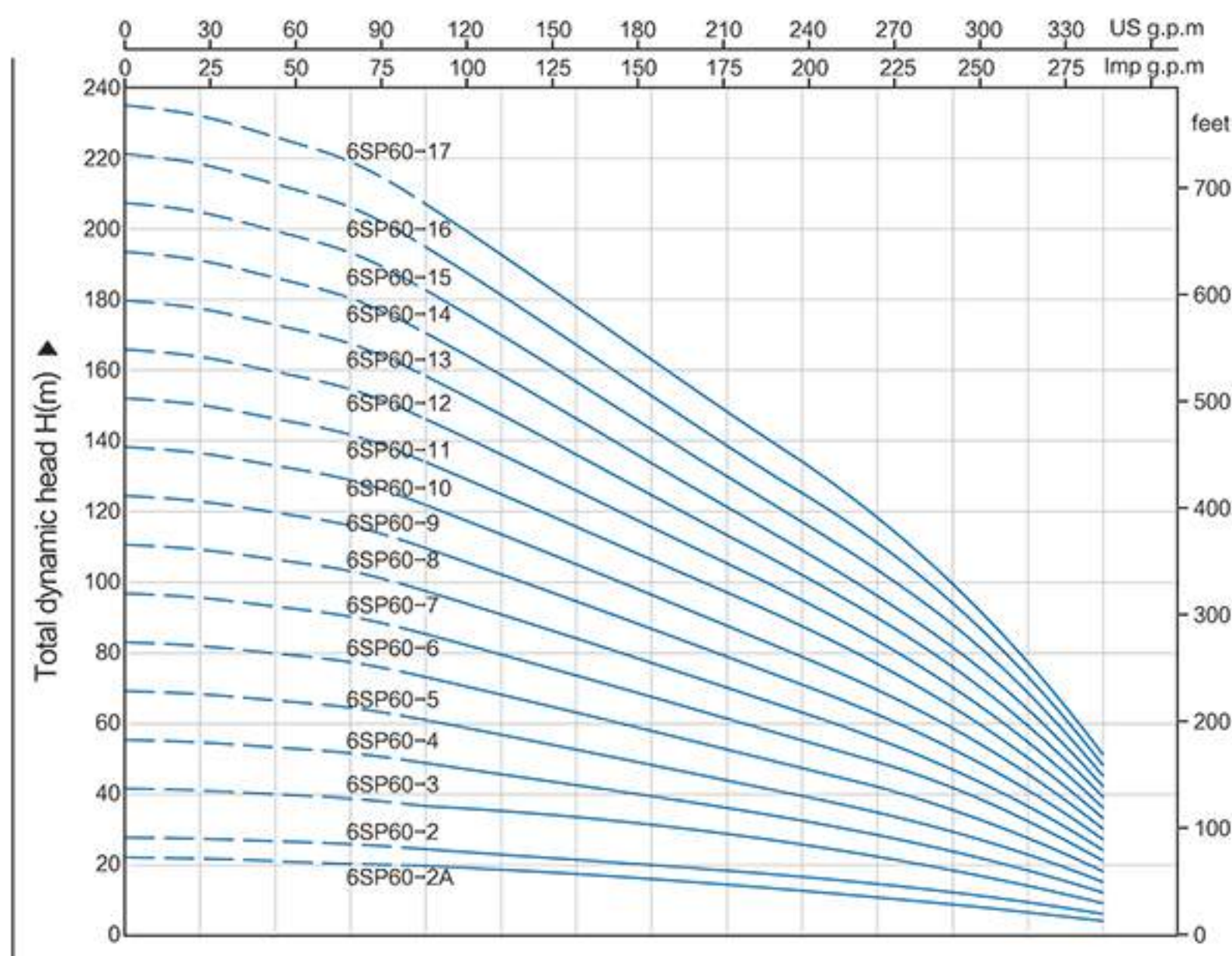
Special material components  
Start control box or automatic digital control box  
Cable length  
Other voltages or frequency 60Hz

6 SP M 60 / 2



MODEL		DN	DIMENSIONS(mm)				WEIGHT(kg)					
1~ 220V/240V	3~ 380V/415V		P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>	P	M <sub>(S)</sub>	M <sub>(T)</sub>	T <sub>(S)</sub>	T <sub>(T)</sub>
6SPM60-2A	6SP60-2A	3" / 4"	474	536	454	1010	928	7.5	38.8	32.5	46.3	40.0
6SPM60-2	6SP60-2	3" / 4"	474	566	499	1040	973	7.5	41.7	36.9	49.2	44.4
6SPM60-3	6SP60-3	3" / 4"	574	616	544	1190	1118	9.5	46.5	41.2	56.0	50.7
	6SP60-4	3" / 4"	674		589		1263	11.5		45.5		57.0
	6SP60-5	3" / 4"	774		634		1408	13.5		49.8		63.3
	6SP60-6	3" / 4"	874		679		1553	15.5		54.1		69.6
	6SP60-7	3" / 4"	974		724		1698	17.5		58.5		76.0
	6SP60-8	3" / 4"	1074		774		1848	19.5		63.3		82.8
	6SP60-9	3" / 4"	1174		849		2023	21.5		70.5		92.0
	6SP60-10	3" / 4"	1274		849		2123	23.5		70.5		94.0
	6SP60-11	3" / 4"	1374		924		2298	25.5		77.7		103.2
	6SP60-12	3" / 4"	1474		924		2398	27.5		77.7		105.2
	6SP60-13	3" / 4"	1574		999		2573	29.5		84.9		114.4
	6SP60-14	3" / 4"	1674		999		2673	31.5		84.9		116.4
	6SP60-15	3" / 4"	1774		999		2773	33.5		84.9		118.4
	6SP60-16	3" / 4"	1874		1074		2948	35.5		92.1		127.6
	6SP60-17	3" / 4"	1974		1074		3048	37.5		92.1		129.6

M<sub>(S)</sub> & T<sub>(S)</sub>: single phase motor  
M<sub>(T)</sub> & T<sub>(T)</sub>: three phase motor 3" / 4"



## PERFORMANCE DATA

MODEL 50Hz		POWER		DELIVERY														
1~ 220V/240V	3~ 380V/415V	KW	HP	n = 2850 r/min														
				Q	0	6	12	18	24	30	36	42	48	54	60	66	72	78
				m³/h	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300
6SPM60-2A	6SP60-2A	3	4	H(m)	22	21	20	19	18	17	16	14	13	11	10	8	6	4
6SPM60-2	6SP60-2	4	5.5		28	27	27	26	24	23	21	19	17	16	14	12	9	6
6SPM60-3	6SP60-3	5.5	7.5		41	41	40	39	37	34	32	29	26	23	21	18	14	9
	6SP60-4	7.5	10		55	55	53	52	49	45	42	38	35	31	28	24	19	12
	6SP60-5	9.2	12.5		69	68	66	64	61	57	53	48	43	39	35	30	23	15
	6SP60-6	11	15		83	82	80	77	73	68	63	57	52	47	42	36	28	18
	6SP60-7	13	17.5		97	96	93	90	85	79	74	67	61	55	49	42	33	21
	6SP60-8	15	20		111	109	106	103	97	91	84	76	69	63	56	48	37	24
	6SP60-9	18.5	25		124	123	120	116	110	102	95	86	78	70	63	54	42	27
	6SP60-10	18.5	25		138	136	133	129	122	114	105	95	86	78	70	60	46	30
	6SP60-11	22	30		152	150	146	142	134	125	116	105	95	86	77	66	51	33
	6SP60-12	22	30		166	164	160	155	146	136	126	114	104	94	84	72	56	36
	6SP60-13	26	35		180	177	173	167	158	148	137	124	112	102	91	78	60	39
	6SP60-14	26	35		194	191	186	180	170	159	147	133	121	110	98	84	65	42
	6SP60-15	26	35		207	205	199	193	183	170	158	143	130	117	105	90	70	45
	6SP60-16	30	40		221	218	213	206	195	182	168	152	138	125	112	96	74	48
	6SP60-17	30	40		235	232	226	219	207	193	179	162	147	133	119	102	79	51