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BTS
ENGINEERING

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● Deep well pump

CE ISO 9001

2SD/2.5SD

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: 0.25%
 2SD minimum well diameter: 2"
 2.5SD minimum well diameter: 2.5"

Motor and Pump

Rewindable motor
Single-phase: 220 - 240V/50Hz
 Equip with start control box or digital auto-control box
 Pumps are designed by casing stressed
 Curve tolerance according to ISO 9906

Options on request

Special mechanical seal
 Other voltages or frequency 60Hz
 Single phase motor with built-in capacitor

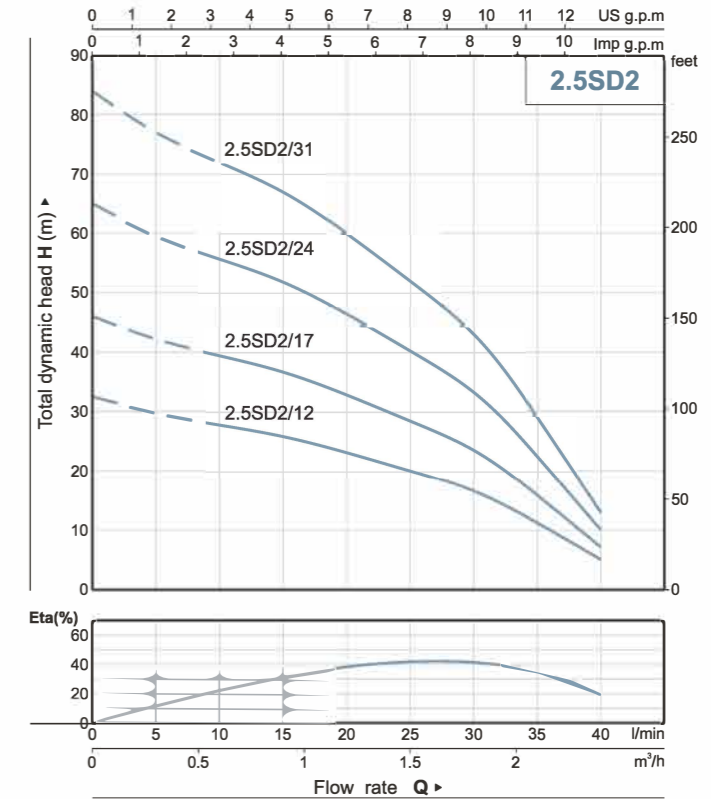
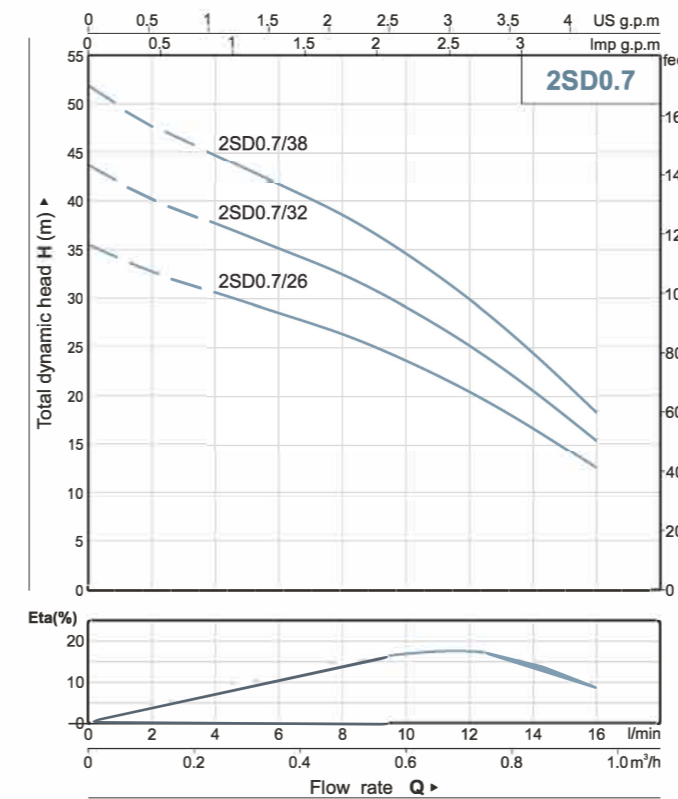
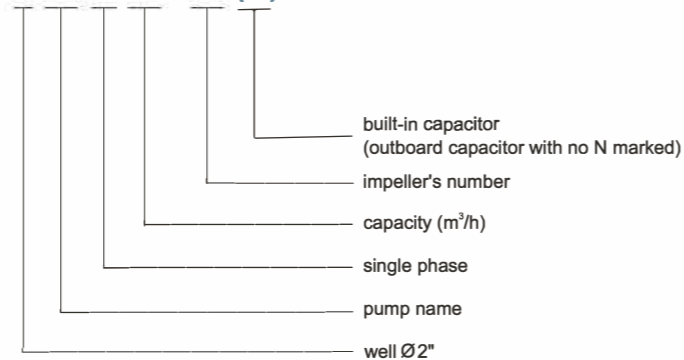
Warranty: 2 years

(according to our general sales conditions)



Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-Cu ASTM C85500
Suction lantern	Cast-Cu ASTM C85500
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500 ②Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceuic use.

2SDM0.7/26 (N)



PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY n≈2850 1/min									
	kW	HP	Q	0	0.12	0.24	0.36	0.48	0.60	0.72	0.84	0.96
1~220-240V			m³/h l/min	0	2	4	6	8	10	12	14	16
2SDM0.7/26	0.18	0.25	H(m)	35	32	30	28	26	23	20	16	12
2SDM0.7/32	0.25	0.33		43	40	37	35	32	29	24	20	15
2SDM0.7/38	0.37	0.5		51	47	44	41	38	34	29	24	18

PERFORMANCE DATA 50Hz

MODEL	P ₂		DELIVERY n≈2850 1/min									
	kW	HP	Q	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4
1~220-240V			m³/h l/min	0	5	10	15	20	25	30	35	40
2.5SDM2/12	0.18	0.25	H(m)	33	30	28	26	23	20	17	11	5
2.5SDM2/17	0.25	0.33		46	42	39	37	33	29	24	16	7
2.5SDM2/24	0.37	0.5		65	60	56	52	46	40	33	22	10
2.5SDM2/31	0.55	0.75		84	77	72	67	60	52	43	29	13

3SD/3SE/3SS

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: 0.25%
 Minimum well diameter: 3"

Motor and Pump

Rewindable motor
Single-phase: 220 - 240V/50Hz
Three-phase: 380 - 415V/50Hz
 Equip with start control box or digital auto-control box
 Pumps are designed by casing stressed
 Curve tolerance according to ISO 9906

Options on request

Special mechanical seal
 Other voltages or frequency 60Hz
 Single phase motor with built-in capacitor

Warranty: 2 years

(according to our general sales conditions)



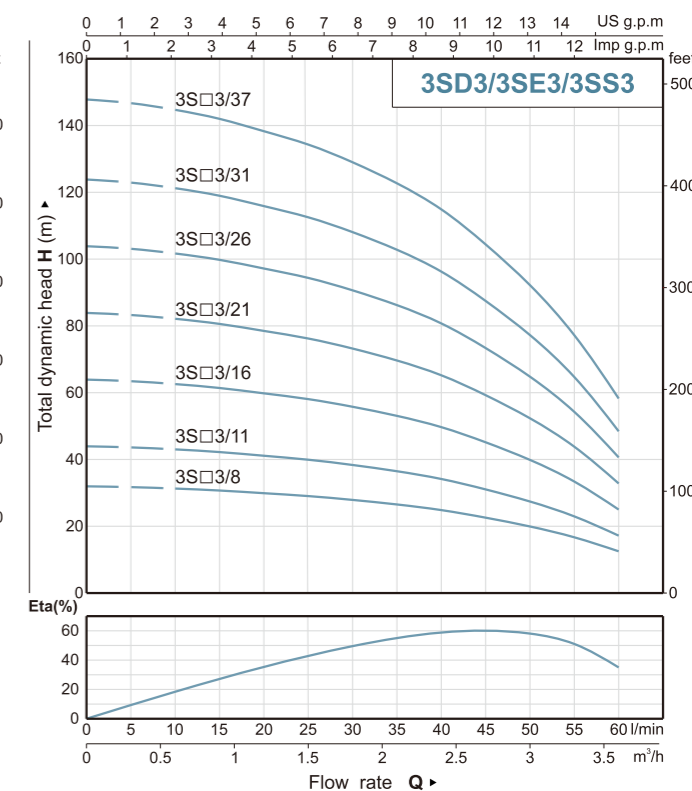
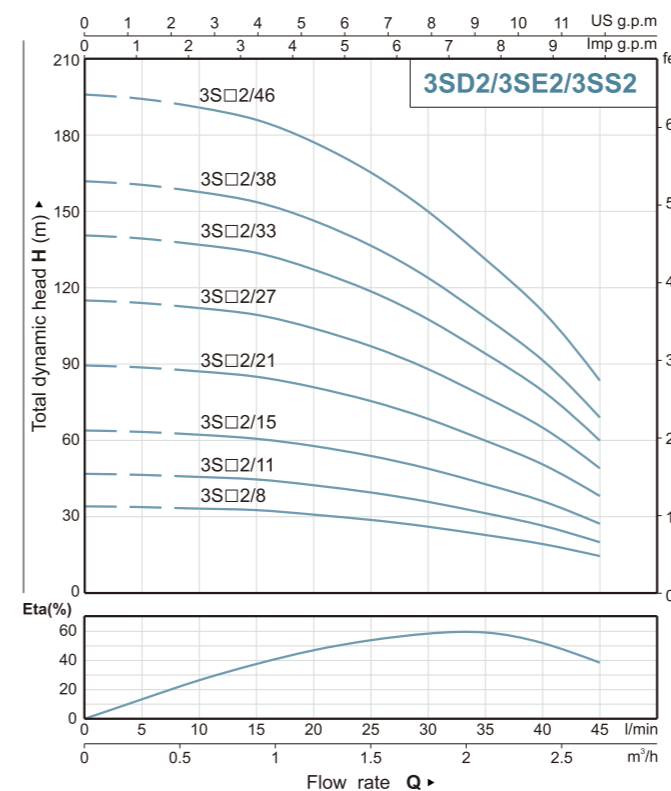
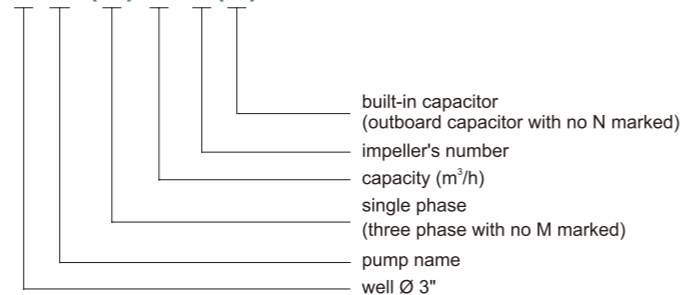
3SD

3SE

3SS

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	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500 ②Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic/TC)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

3SD(M) 2 / 8(N)



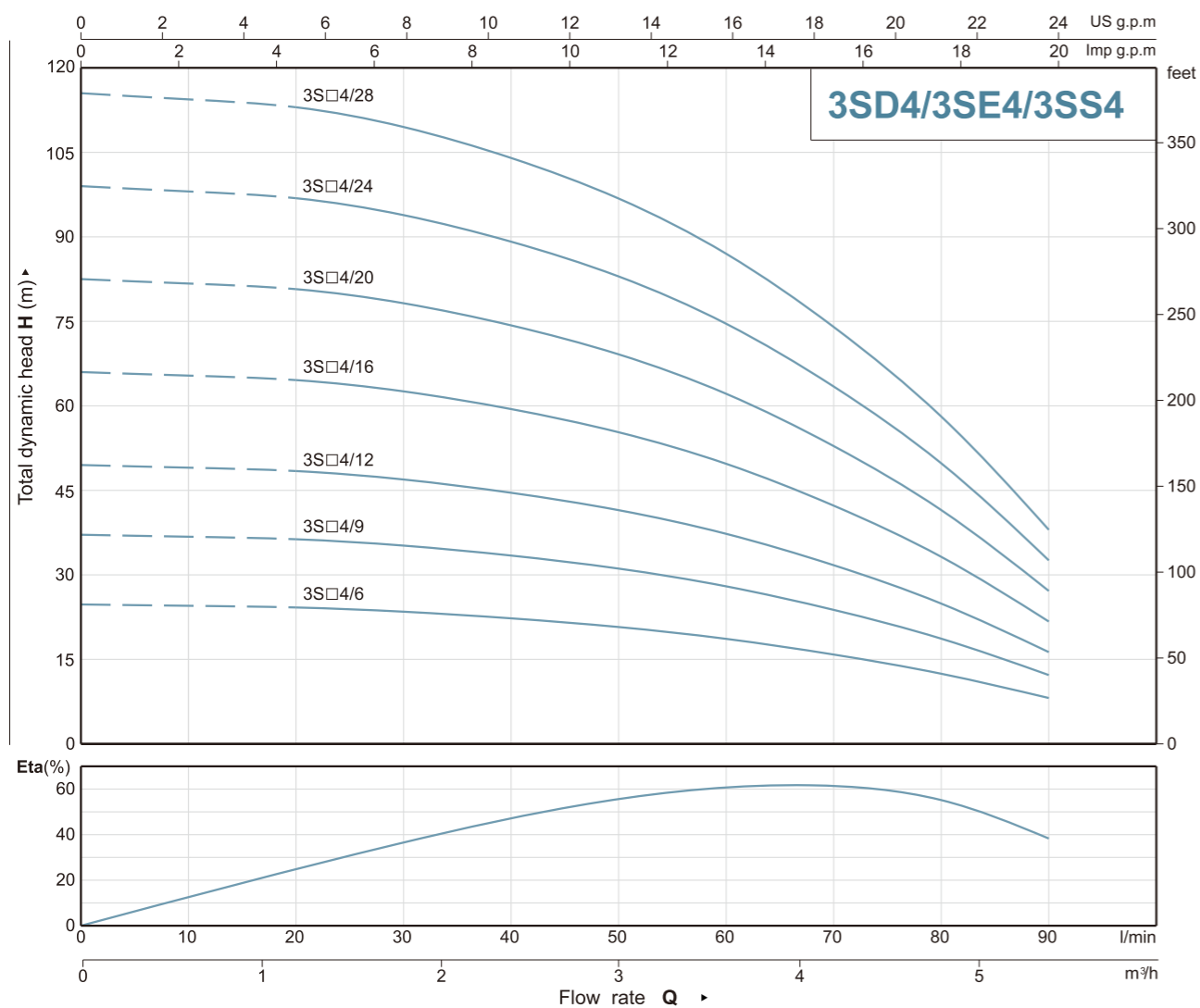
PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m³/h l/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		
3S□M2/8	3S□2/8	0.18	0.25	H(m)	34	34	33	33	31	29	26	23	19	14		
3S□M2/11	3S□2/11	0.25	0.33		47	46	45	45	43	40	36	32	27	20		
3S□M2/15	3S□2/15	0.37	0.5		64	63	62	61	58	54	49	43	36	27		
3S□M2/21	3S□2/21	0.55	0.75		89	89	87	85	81	76	68	60	51	38		
3S□M2/27	3S□2/27	0.75	1		115	114	112	110	104	97	88	77	65	49		
3S□M2/33	3S□2/33	0.92	1.25		141	139	136	134	128	119	108	95	80	60		
3S□M2/38	3S□2/38	1.1	1.5		162	160	157	154	147	137	124	109	92	69		
3S□M2/46	3S□2/46	1.5	2		196	194	190	187	178	166	150	132	111	83		

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min															
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m³/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		
3S□M3/8	3S□3/8	0.25	0.33	H(m)	32	32	32	31	30	29	28	27	26	23	20	16	12		
3S□M3/11	3S□3/11	0.37	0.5		44	44	43	43	41	40	39	37	35	31	27	22	16		
3S□M3/16	3S□3/16	0.55	0.75		64	64	63	62	60	59	56	54	51	45	39	32	23		
3S□M3/21	3S□3/21	0.75	1		85	84	83	81	79	77	74	70	67	60	52	43	31		
3S□M3/26	3S□3/26	0.92	1.25		105	104	103	100	98	96	91	87	83	74	64	53	38		
3S□M3/31	3S□3/31	1.1	1.5		125	124	122	120	116	114	109	104	99	88	76	63	45		
3S□M3/37	3S□3/37	1.5	2		149	148	146	143	139	136	130	124	118	105	91	75	54		

• 3S□ in the above table can be replaced by any of 3SD,3SE,3SS



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4
				m³/h	0	10	20	30	40	50	60	70	80	90
3S□M4/6	3S□4/6	0.25	0.33	H(m)	25	25	24	23	22	21	19	16	13	8
3S□M4/9	3S□4/9	0.37	0.5		37	37	36	35	33	32	28	24	19	12
3S□M4/12	3S□4/12	0.55	0.75		49	49	48	47	45	42	37	32	25	15
3S□M4/16	3S□4/16	0.75	1		66	66	65	62	59	56	50	42	34	21
3S□M4/20	3S□4/20	0.92	1.25		82	82	81	78	74	70	62	53	42	25
3S□M4/24	3S□4/24	1.1	1.5		99	99	97	93	89	84	75	63	51	31
3S□M4/28	3S□4/28	1.5	2		115	115	113	109	104	98	87	74	59	36

• 3S□ in the above table can be replaced by any of 3SD,3SE,3SS

3.5SD

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: 0.25%
Minimum well diameter: 3.5"

Motor and Pump

Rewindable motor
Single-phase: 220 - 240V/50Hz
Three-phase: 380 - 415V/50Hz
Equip with start control box or digital auto-control box
Pumps are designed by casing stressed
Curve tolerance according to ISO 9906

Options on request

Special mechanical seal
Other voltages or frequency 60Hz
Single phase motor with built-in capacitor

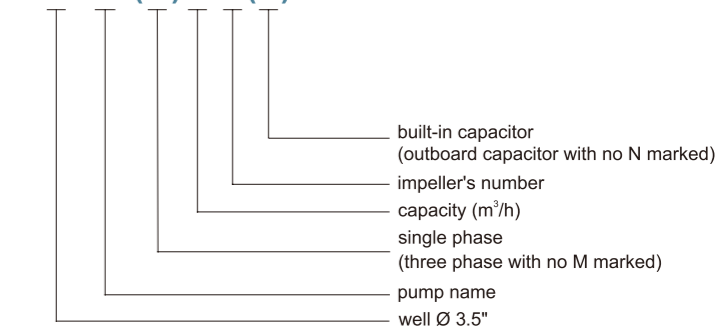
Warranty: 2 years

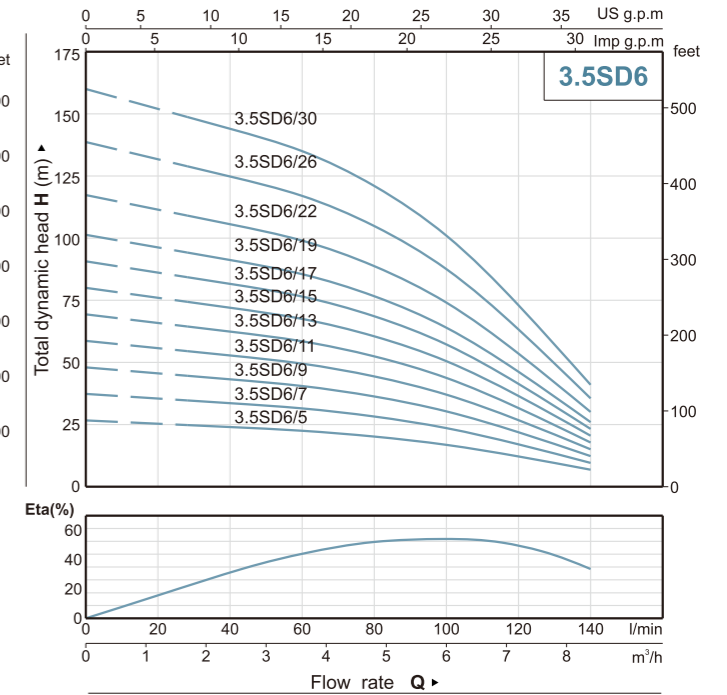
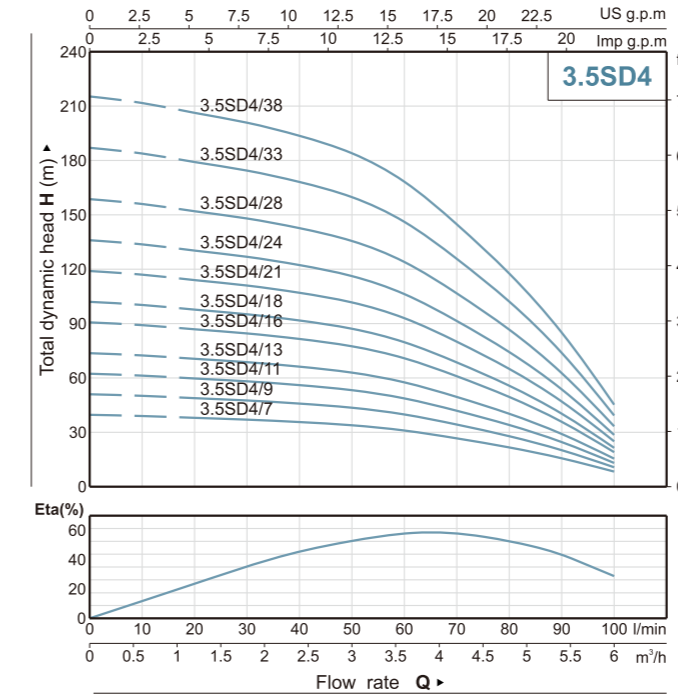
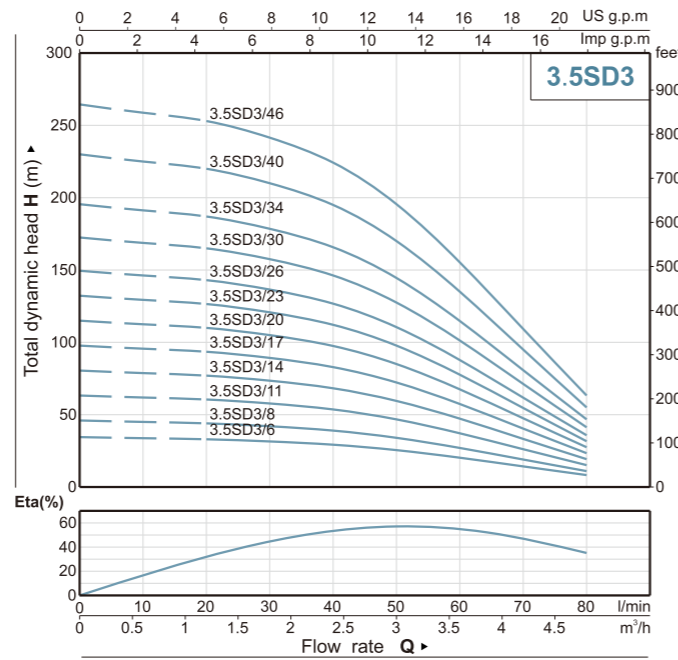
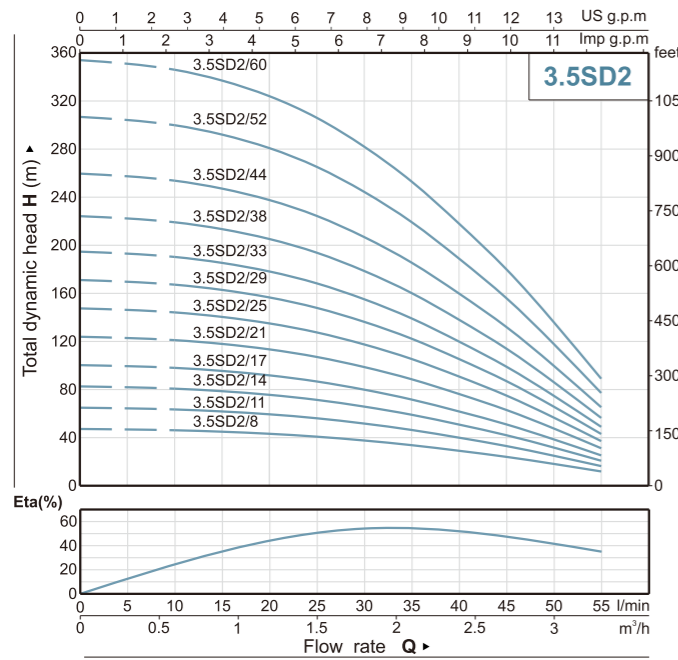
(according to our general sales conditions)



Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-Cu ASTM C85500
Suction lantern	Cast-Cu ASTM C85500
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500 ②Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutical use.

3.5SD(M) 2/8(N)





PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3
				m³/h l/min	0	5	10	15	20	25	30	35	40	45	50	55
3.5SDM2/8	3.5SD2/8	0.25	0.33	H(m)	47	47	46	45	43	41	38	34	29	24	18	12
3.5SDM2/11	3.5SD2/11	0.37	0.5		65	64	63	62	59	56	52	46	40	33	25	16
3.5SDM2/14	3.5SD2/14	0.55	0.75		83	82	81	79	76	71	66	59	51	42	32	21
3.5SDM2/17	3.5SD2/17	0.75	1		100	99	98	95	92	87	80	72	62	51	39	25
3.5SDM2/21	3.5SD2/21	0.92	1.25		124	123	121	118	113	107	99	89	76	63	48	31
3.5SDM2/25	3.5SD2/25	1.1	1.5		148	146	144	140	135	127	117	105	91	75	57	37
3.5SDM2/29	3.5SD2/29	1.3	1.75		171	170	167	163	157	148	136	122	105	87	66	43
3.5SDM2/33	3.5SD2/33	1.5	2		195	193	190	185	178	168	155	139	120	99	75	49
3.5SDM2/38	3.5SD2/38	1.8	2.5		224	222	219	213	205	194	179	160	138	114	86	56
-	3.5SD2/44	2.2	3		260	257	254	247	238	224	207	186	160	132	100	65
-	3.5SD2/52	3	4		307	304	300	292	281	265	244	219	189	156	118	77
-	3.5SD2/60	3.7	5		354	351	346	337	324	306	282	253	218	180	136	89

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220 - 240V	3~ 380 - 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	
				m³/h l/min	0	10	20	30	40	50	60	70	80	90	100	
3.5SDM4/7	3.5SD4/7	0.37	0.5	H(m)	40	39	38	37	36	34	31	27	22	16	8	
3.5SDM4/9	3.5SD4/9	0.55	0.75		51	50	49	48	46	44	40	34	28	20	11	
3.5SDM4/11	3.5SD4/11	0.75	1		62	61	60	58	56	53	49	42	34	25	13	
3.5SDM4/13	3.5SD4/13	0.92	1.25		74	73	70	69	66	63	57	50	40	29	15	
3.5SDM4/16	3.5SD4/16	1.1	1.5		91	89	87	85	82	77	71	61	50	36	19	
3.5SDM4/18	3.5SD4/18	1.3	1.75		102	100	98	95	92	87	80	69	56	40	21	
3.5SDM4/21	3.5SD4/21	1.5	2		119	117	114	111	107	102	93	80	65	47	25	
3.5SDM4/24	3.5SD4/24	1.8	2.5		136	134	130	127	123	116	106	92	75	54	28	
-	3.5SD4/28	2.2	3		158	156	152	148	143	136	124	107	87	63	33	
-	3.5SD4/33	3	4		187	184	179	175	168	160	146	126	102	74	39	
-	3.5SD4/38	3.7	5		215	212	206	201	194	184	168	145	118	85	45	

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min									
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8
				m³/h l/min	0	10	20	30	40	50	60	70	80
3.5SDM3/6	3.5SD3/6	0.25	0.33	H(m)	35	34	33	32	29	26	20	14	8
3.5SDM3/8	3.5SD3/8	0.37	0.5		46	45	44	42	39	34	27	19	11
3.5SDM3/11	3.5SD3/11	0.55	0.75		63	62	61	58	54	47	37	26	15
3.5SDM3/14	3.5SD3/14	0.75	1		81	79	77	74	68	60	47	33	19
3.5SDM3/17	3.5SD3/17	0.92	1.25		98	96	94	89	83	72	57	40	23
3.5SDM3/20	3.5SD3/20	1.1	1.5		115	113	110	105	98	85	68	48	28
3.5SDM3/23	3.5SD3/23	1.3	1.75		132	129	127	121	112	98	78	55	32
3.5SDM3/26	3.5SD3/26	1.5	2		150	146	143	137	127	111	88	62	36
3.5SDM3/30	3.5SD3/30	1.8	2.5		173	169	165	158	146	128	101	71	41
-	3.5SD3/34	2.2	3		196	191	187	179	166	145	115	81	47
-	3.5SD3/40	3	4		230	225	220	210	195	170	135	95	55
-	3.5SD3/46	3.7	5		265	259	253	242	224	196	155	109	63

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min								
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4
				m³/h l/min	0	20	40	60	80	100	120	140
3.5SDM6/5	3.5SD6/5	0.37	0.5	H(m)	27	25	24	22	20	17	12	7
3.5SDM6/7	3.5SD6/7	0.55	0.75		37	35	34	31	28	24	17	10
3.5SDM6/9	3.5SD6/9	0.75	1		48	46	43	40	36	30	22	12
3.5SDM6/11	3.5SD6/11	0.92	1.25		59	56	53	49	44	37	27	15
3.5SDM6/13	3.5SD6/13	1.1	1.5		69	66	62	58	52	44	32	18
3.5SDM6/15	3.5SD6/15	1.3	1.75		80	76	72	67	60	50	36	20
3.5SDM6/17	3.5SD6/17	1.5	2		91	86	82	76	69	57	41	23
3.5SDM6/19	3.5SD6/19	1.8	2.5		101	96	91	85	77	64	46	26
-	3.5SD6/22	2.2	3		117	111	106	99	89	74	54	30
-	3.5SD6/26	3	4		139	132	125	117	105	88	63	36
-	3.5SD6/30	3.7	5		160	152	144	135	121	101	73	41

3YS

Applications

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

Operating conditions

Speed: 2850rpm
 Insulation class: F
 Protection grade: IP 68
 Maximum fluid temperature up to +35°C
 Minimum well diameter: 3"

Motor and Pump

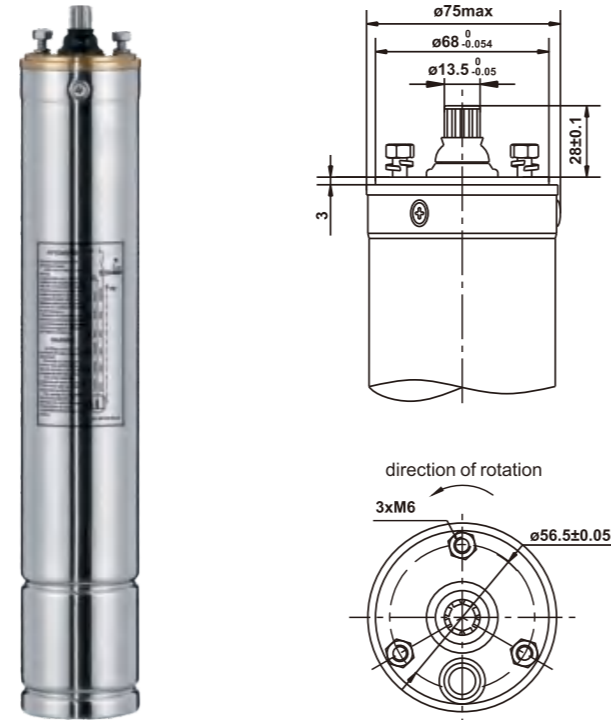
Rewindable motor
Single-phase: 220 - 240V/50Hz
 Equip with start control box or digital auto-control box

Options on request

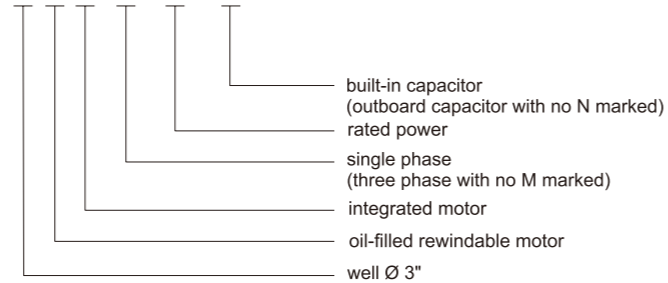
Special mechanical seal
 Other voltages or frequency 60Hz
 Single phase motor with built in capacitor

Warranty: 2 years

(according to our general sales conditions)



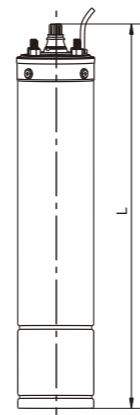
3 Y S M 180 (N)



Components	Material
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500
	②Cast-iron ASTM N0.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

PERFORMANCE DATA 50Hz

MODEL	P ₂		n ≈ 2850 1/min						
	kW	HP	Voltage (V)	Ph	I _n (A)	cosφ	η (%)	L (mm)	Weight (kg)
3YSM180	0.18	0.25	220-240V	1	2.1	0.93	51	305	4.0
3YSM250	0.25	0.33			2.5	0.93	53	325	4.8
3YSM370	0.37	0.5			3.3	0.93	56	355	5.6
3YSM550	0.55	0.75			4.5	0.93	58	385	6.4
3YSM750	0.75	1			6.0	0.93	62	425	7.5
3YSM920	0.92	1.25			7.0	0.93	63	465	8.7
3YSM1100	1.1	1.5			7.8	0.93	64	515	10.0
3YSM1500	1.5	2			10.0	0.93	65	560	11.3



4SD/4SE/4SS/4SA

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: 0.25%
 Minimum well diameter: 4"

Motor and Pump

Rewindable motor
Single-phase: 220 - 240V/50Hz
Three-phase: 380 - 415V/50Hz
 Equip with start control box or digital auto-control box
 Pumps are designed by casing stressed
NEMA dimension standards
 Curve tolerance according to ISO 9906

Options on request

Special mechanical seal
 Other voltages or frequency 60Hz
 Single phase motor with built-in capacitor

Warranty: 2 years

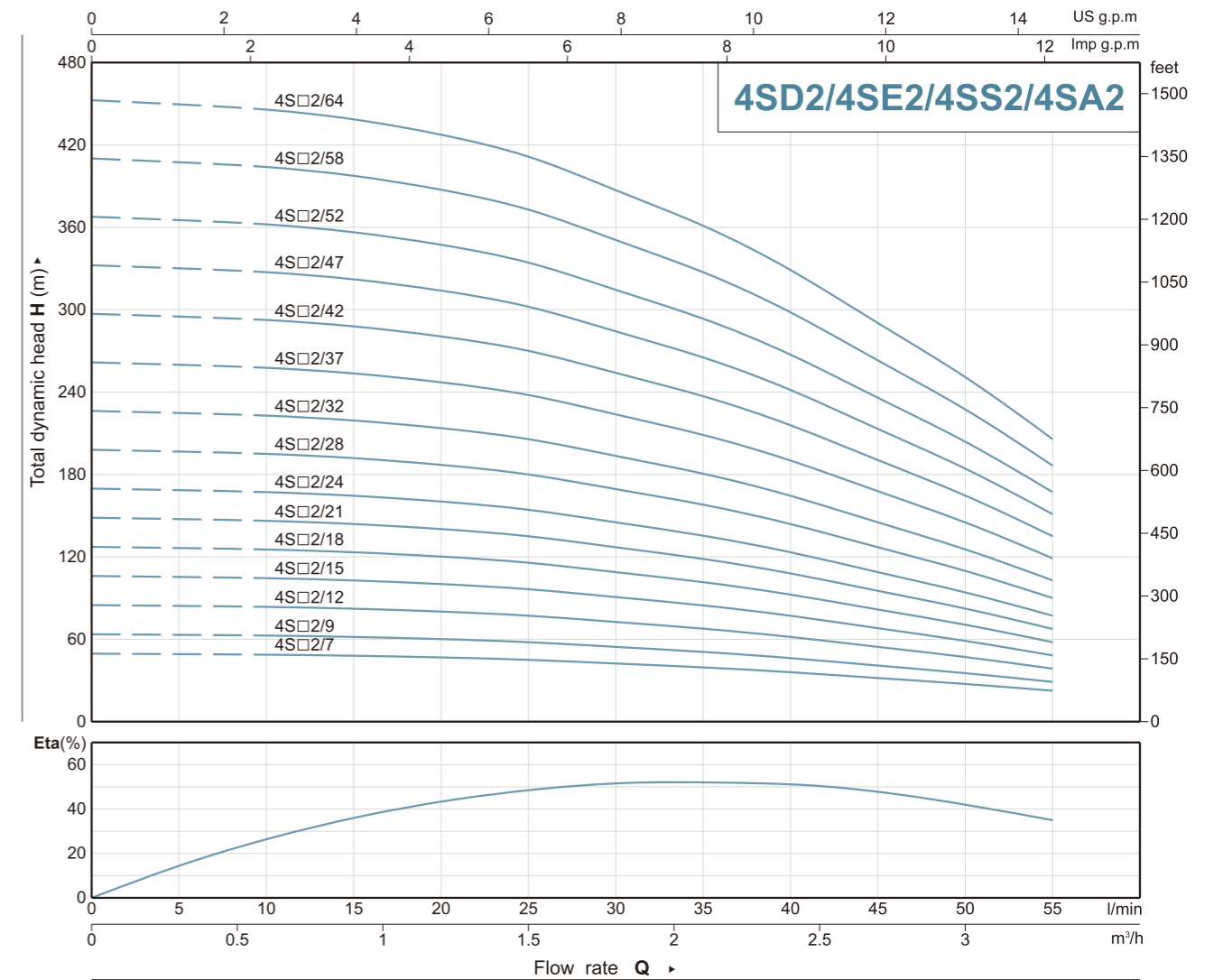
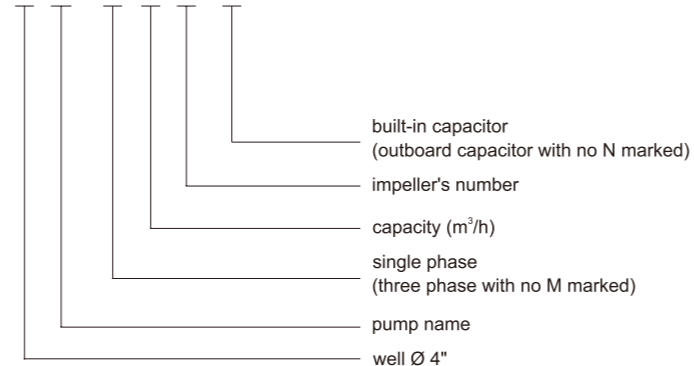
(according to our general sales conditions)



4SD 4SE 4SS 4SA

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM C85500 ②AISI 304 SS
Suction lantern	①Cast-Cu ASTM C85500 ②AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500 ②AISI 420 SS
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutical use.

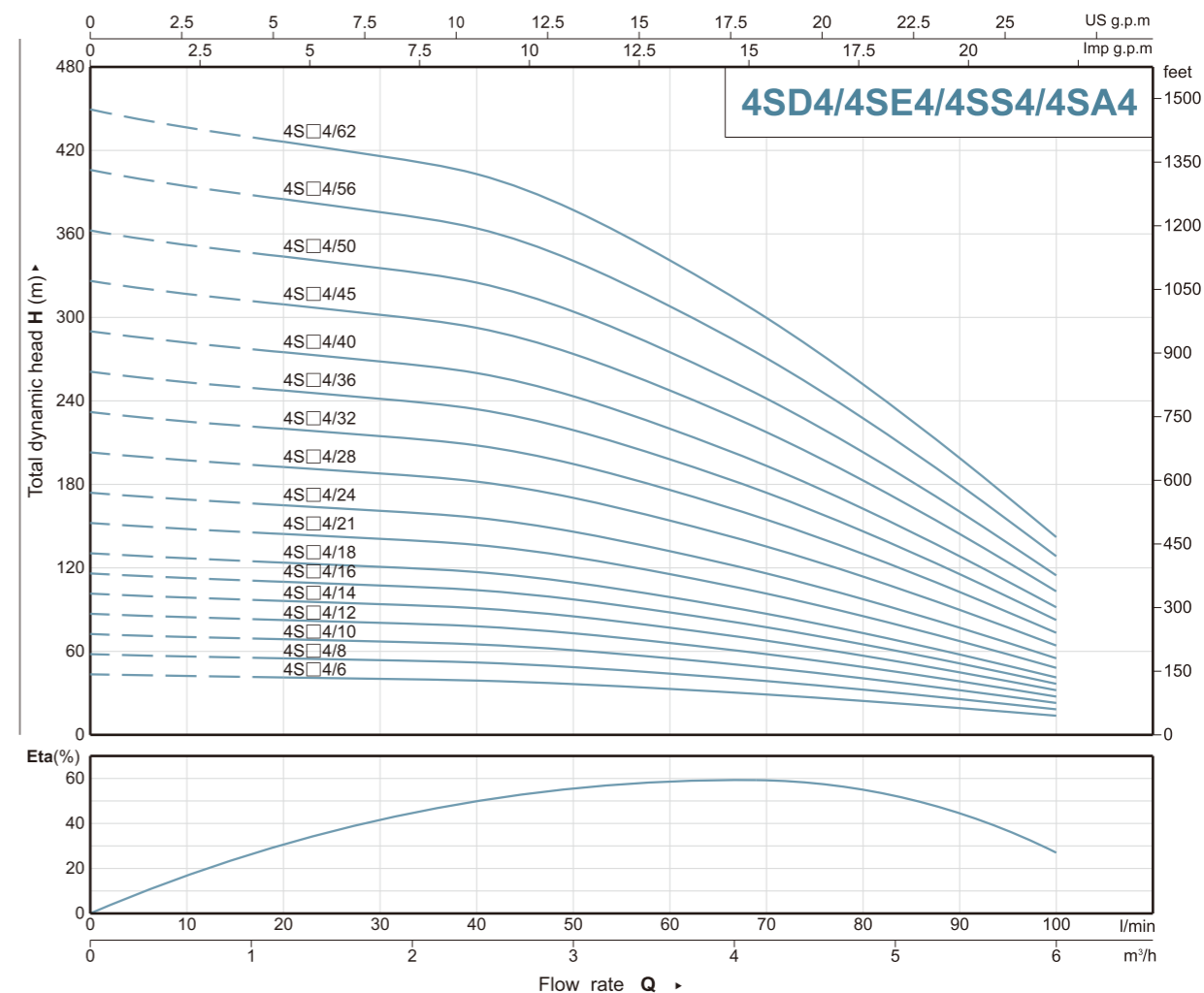
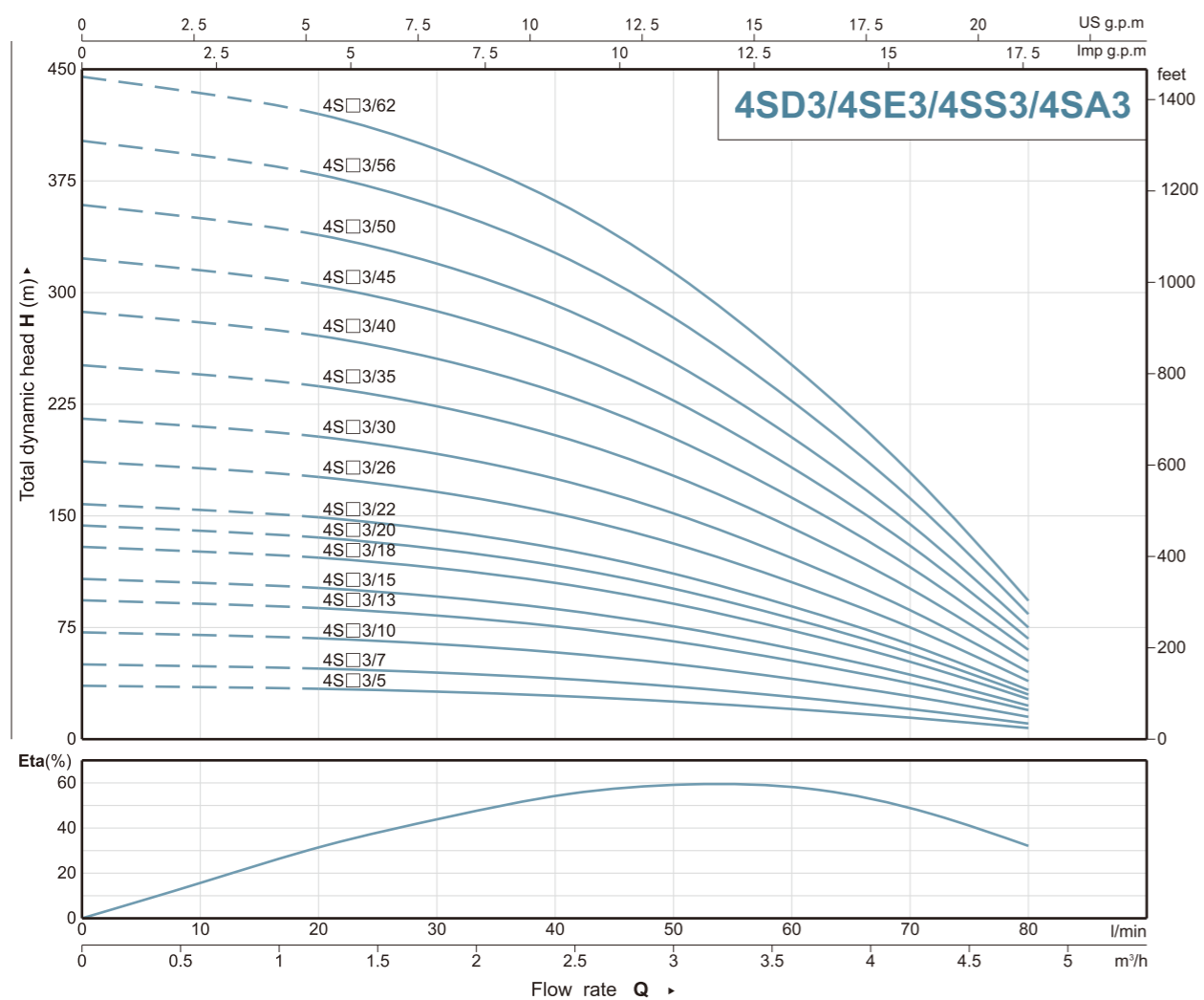
4 SD (M) 2/7 (N)



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY												
1~ 220 - 240V	3~ 380 - 415V	kW	HP	n≈2850 1/min												
				Q	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3
				m³/h	0	5	10	15	20	25	30	35	40	45	50	55
4S□M2/7	4S□2/7	0.25	0.33	H(m)	50	49	49	48	47	45	42	39	36	32	27	22
4S□M2/9	4S□2/9	0.37	0.5		64	63	63	62	60	58	54	51	47	41	35	29
4S□M2/12	4S□2/12	0.55	0.75		85	84	84	83	80	77	72	68	62	54	47	38
4S□M2/15	4S□2/15	0.75	1		106	105	105	103	100	96	90	85	78	68	59	48
4S□M2/18	4S□2/18	0.92	1.25		127	126	125	124	120	116	108	102	93	82	71	58
4S□M2/21	4S□2/21	1.1	1.5		149	147	146	145	140	135	126	118	109	95	82	67
4S□M2/24	4S□2/24	1.3	1.75		170	168	167	165	160	154	144	135	124	109	94	77
4S□M2/28	4S□2/28	1.5	2		198	196	195	193	187	180	168	158	145	127	110	90
4S□M2/32	4S□2/32	1.8	2.5		227	224	223	221	214	206	192	181	166	145	126	103
4S□M2/37	4S□2/37	2.2	3		262	259	258	255	247	238	222	209	191	168	145	119
4S□M2/42	4S□2/42	2.6	3.5		297	294	293	289	280	270	252	237	217	190	165	135
-	4S□2/47	3	4		333	329	328	324	314	302	282	265	243	213	184	151
-	4S□2/52	3.7	5		368	364	362	358	347	334	312	293	269	236	204	167
-	4S□2/58	4	5.5		411	406	404	400	387	372	348	327	300	263	227	186
-	4S□2/64	5	7		453	448	446	441	427	411	384	361	331	290	251	205

• 4S□ in the above table can be replaced by any of 4SD, 4SE, 4SS, 4SA



PERFORMANCE DATA 50Hz

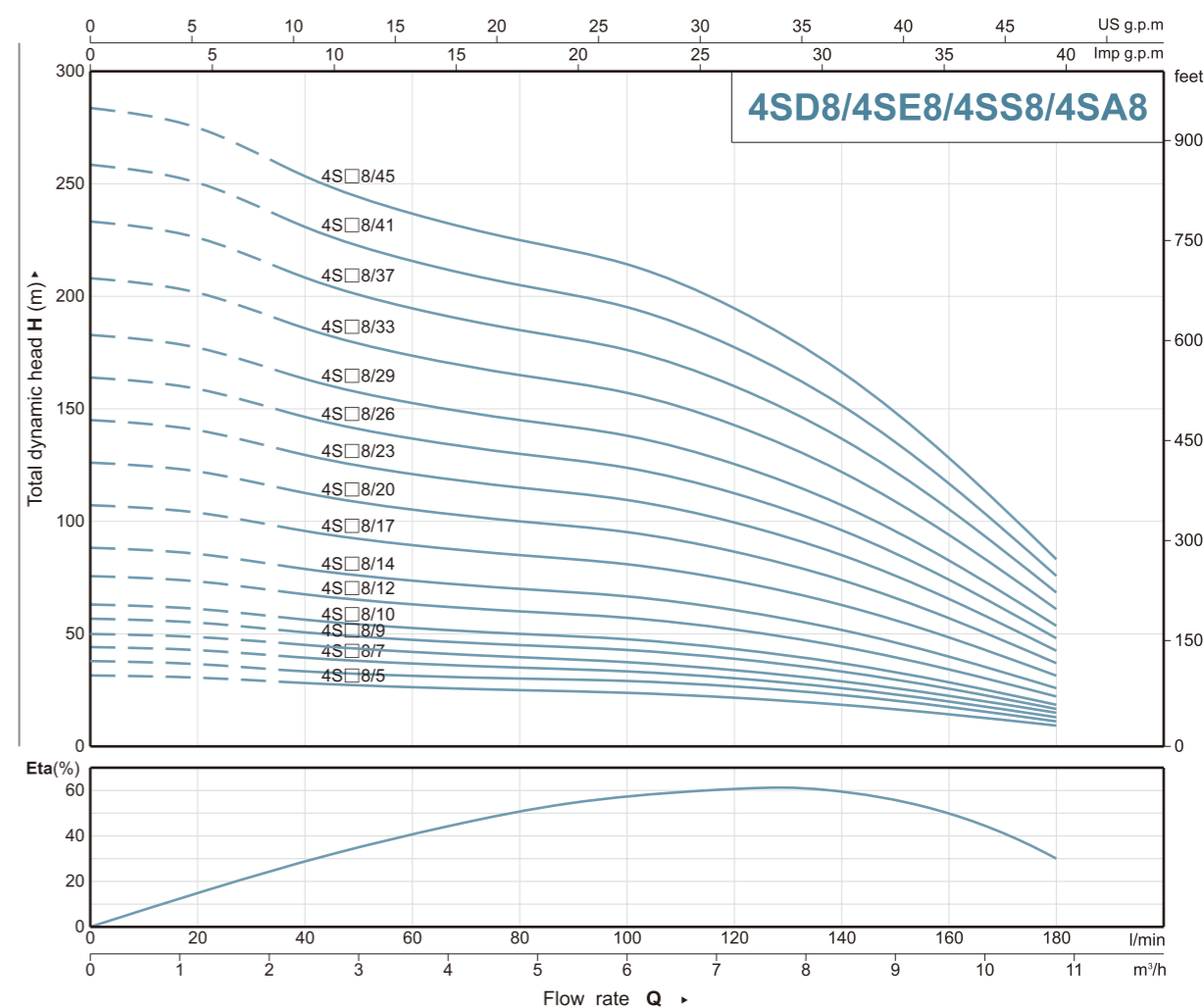
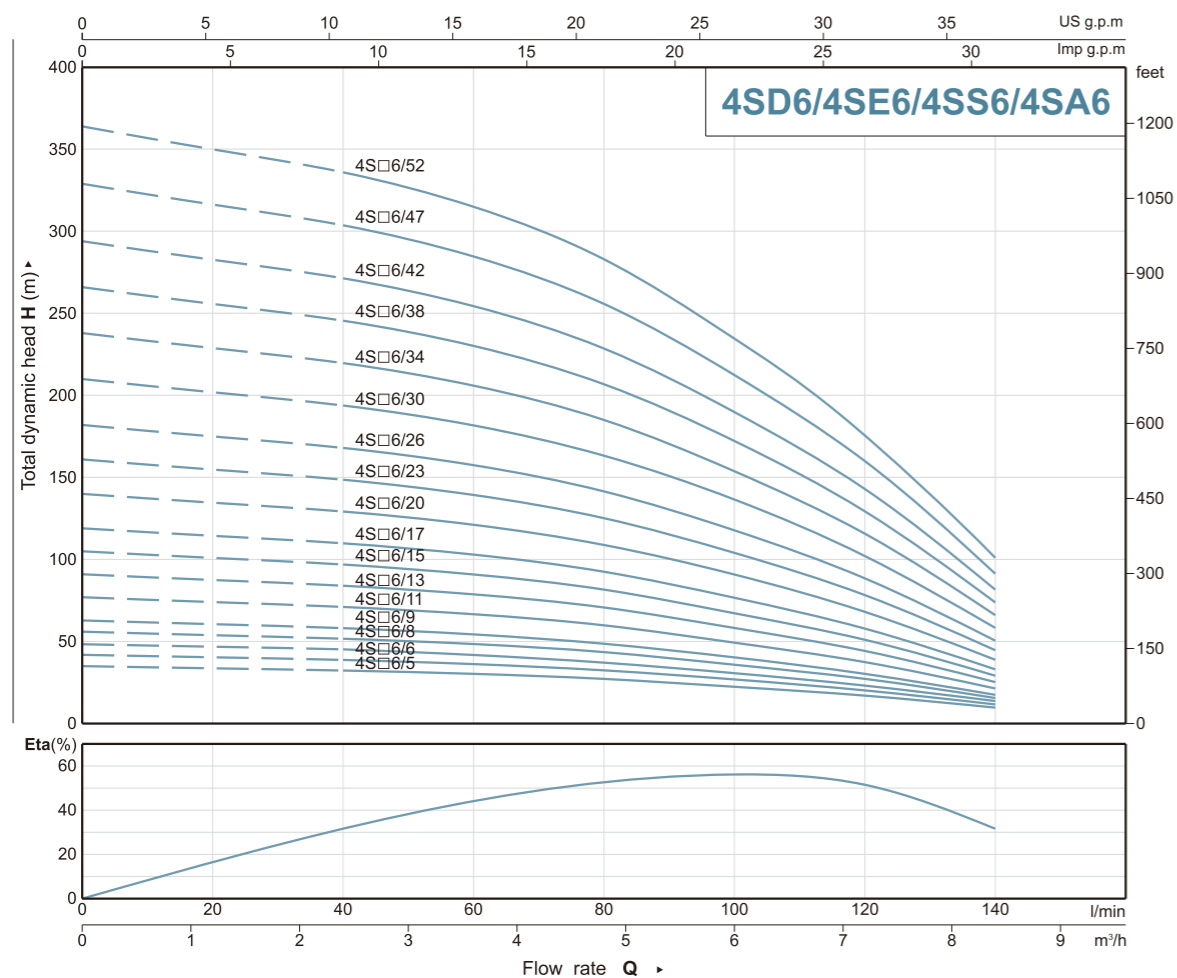
MODEL		P ₂		DELIVERY n≈2850 1/min									
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m³/h l/min	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8
					0	10	20	30	40	50	60	70	80
4S□M3/5	4S□3/5	0.25	0.33	H(m)	36	35	34	32	29	25	20	14	7
4S□M3/7	4S□3/7	0.37	0.5		50	49	47	45	41	35	28	20	10
4S□M3/10	4S□3/10	0.55	0.75		72	70	68	64	58	50	40	29	15
4S□M3/13	4S□3/13	0.75	1		93	91	88	83	76	66	53	38	19
4S□M3/15	4S□3/15	0.92	1.25		108	105	102	96	88	76	61	43	22
4S□M3/18	4S□3/18	1.1	1.5		129	126	122	115	105	91	73	52	27
4S□M3/20	4S□3/20	1.3	1.75		144	140	135	128	117	101	81	58	30
4S□M3/22	4S□3/22	1.5	2		158	154	149	141	128	111	89	64	33
4S□M3/26	4S□3/26	1.8	2.5		187	182	176	166	152	131	105	75	39
4S□M3/30	4S□3/30	2.2	3		215	210	203	192	175	151	121	87	45
4S□M3/35	4S□3/35	2.6	3.5		251	245	237	224	204	177	142	101	52
-	4S□3/40	3	4		287	280	271	255	234	202	162	115	60
-	4S□3/45	3.7	5		323	315	305	287	263	227	182	130	67
-	4S□3/50	4	5.5		359	350	339	319	292	252	202	144	75
-	4S□3/56	5	7	402	392	379	358	327	283	227	162	84	
-	4S□3/62	5.5	7.5	445	434	420	396	362	313	251	179	93	

• 4S□ in the above table can be replaced by any of 4SD, 4SE, 4SS, 4SA

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min											
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m³/h l/min	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0
					0	10	20	30	40	50	60	70	80	90	100
4S□M4/6	4S□4/6	0.37	0.5	H(m)	44	42	41	40	39	36	33	29	24	19	14
4S□M4/8	4S□4/8	0.55	0.75		58	56	55	54	52	49	44	39	33	26	18
4S□M4/10	4S□4/10	0.75	1		73	70	69	67	65	61	55	48	41	32	23
4S□M4/12	4S□4/12	0.92	1.25		87	84	82	81	78	73	66	58	49	39	27
4S□M4/14	4S□4/14	1.1	1.5		102	98	96	94	91	85	77	68	57	45	32
4S□M4/16	4S□4/16	1.3	1.75		116	113	110	107	104	97	88	77	65	51	37
4S□M4/18	4S□4/18	1.5	2		131	127	124	121	117	109	99	87	73	58	41
4S□M4/21	4S□4/21	1.8	2.5		152	148	144	141	136	128	115	102	85	67	48
4S□M4/24	4S□4/24	2.2	3		174	169	165	161	156	146	132	116	98	77	55
4S□M4/28	4S□4/28	2.6	3.5		203	197	192	188	182	170	154	135	114	90	64
-	4S□4/32	3	4		232	225	220	215	208	195	176	155	130	103	73
-	4S□4/36	3.7	5		261	253	247	242	234	219	198	174	146	116	82
-	4S□4/40	4	5.5		290	281	275	268	260	243	220	194	163	128	92
-	4S□4/45	5	7		327	316	309	302	293	274	248	218	183	144	103
-	4S□4/50	5.5	7.5		363	352	344	335	325	304	275	242	203	160	115
-	4S□4/56	7	10		406	394	385	376	364	341	308	271	228	180	128
-	4S□4/62	7.5	10	450	436	426	416	403	377	341	300	252	199	142	

• 4S□ in the above table can be replaced by any of 4SD, 4SE, 4SS, 4SA



PERFORMANCE DATA 50Hz

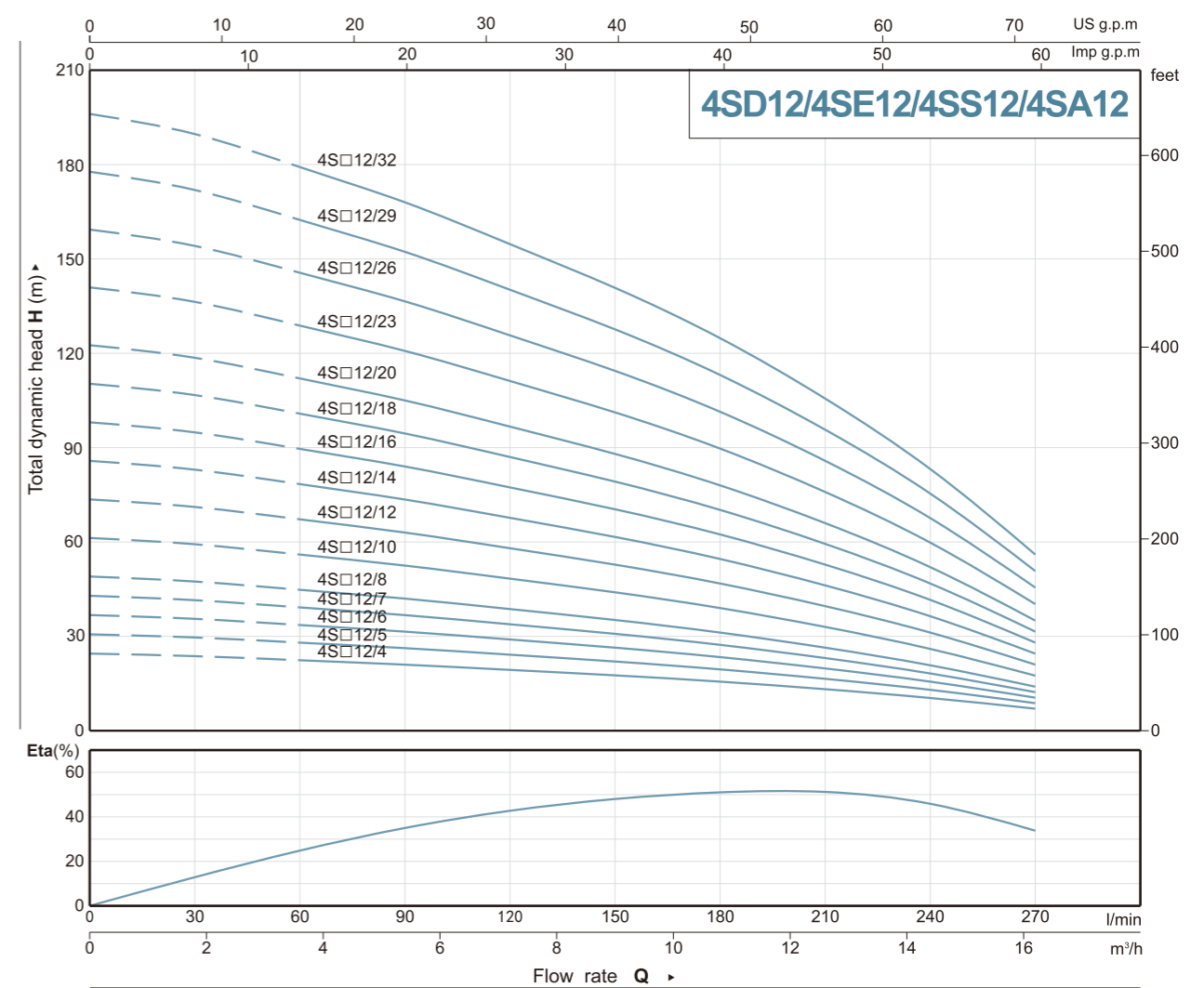
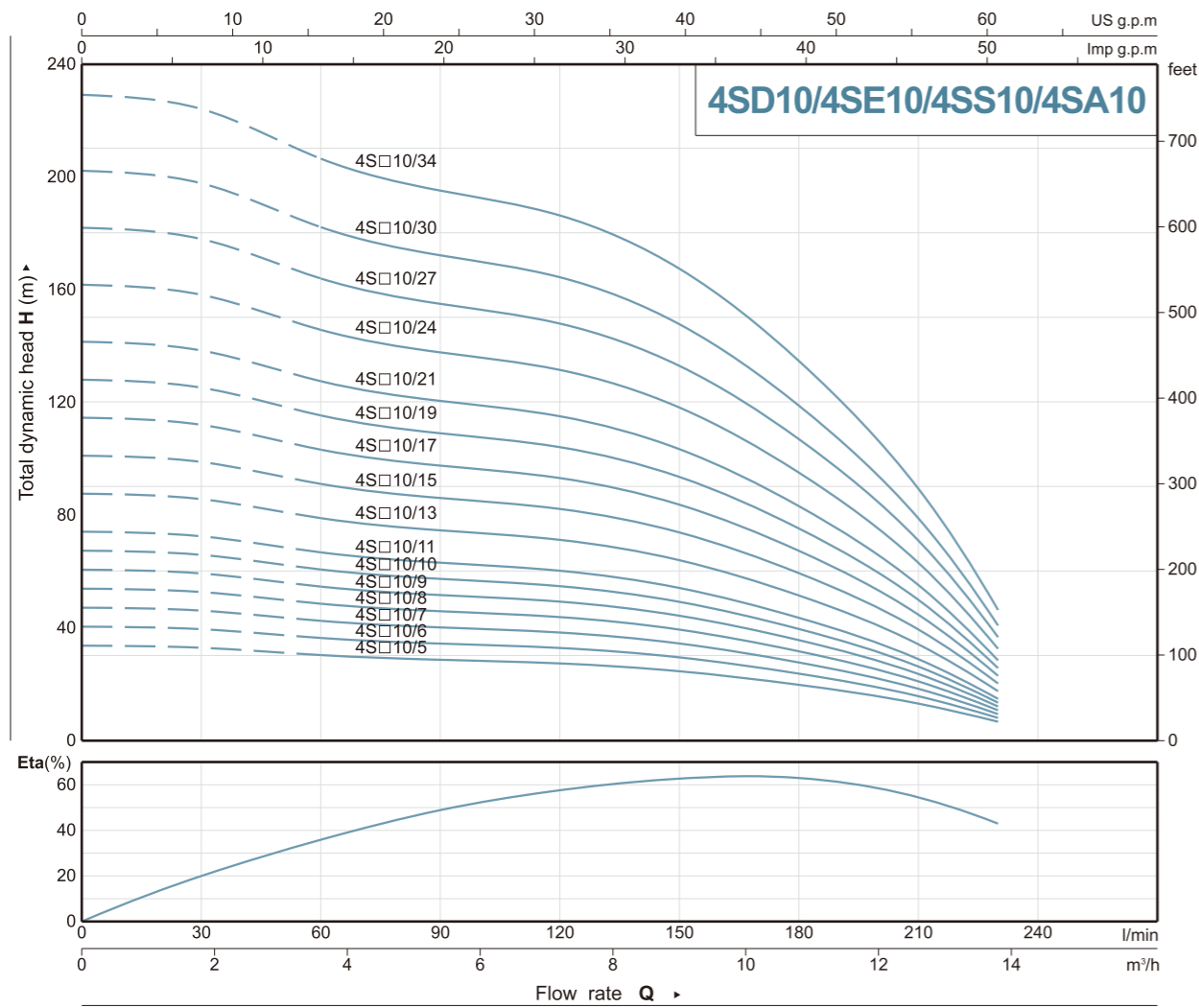
MODEL		P ₂		DELIVERY n≈2850 1/min								
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m³/h l/min	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4
					0	20	40	60	80	100	120	140
4S□M6/5	4S□6/5	0.37	0.5	H(m)	35	34	32	30	27	22	17	10
4S□M6/6	4S□6/6	0.55	0.75		42	40	39	36	33	27	20	12
4S□M6/7	4S□6/7	0.75	1		49	47	45	42	38	31	24	14
4S□M6/8	4S□6/8	0.75	1		56	54	52	48	44	36	27	16
4S□M6/9	4S□6/9	0.92	1.25		63	61	58	55	49	40	31	17
4S□M6/11	4S□6/11	1.1	1.5		77	74	71	67	60	49	37	21
4S□M6/13	4S□6/13	1.3	1.75		91	88	84	79	71	58	44	25
4S□M6/15	4S□6/15	1.5	2		105	101	97	91	82	67	51	29
4S□M6/17	4S□6/17	1.8	2.5		119	114	110	103	93	76	58	33
4S□M6/20	4S□6/20	2.2	3		140	135	129	121	109	90	68	39
4S□M6/23	4S□6/23	2.6	3.5		161	155	149	139	125	103	78	45
-	4S□6/26	3	4		182	175	168	158	142	117	88	51
-	4S□6/30	3.7	5		210	202	194	182	163	134	102	58
-	4S□6/34	4	5.5		238	229	220	206	185	152	116	66
-	4S□6/38	5	7		266	256	246	230	207	170	129	74
-	4S□6/42	5.5	7.5		294	283	271	254	229	188	143	82
-	4S□6/47	7	10		329	316	304	285	256	211	160	91
-	4S□6/52	7.5	10	364	350	336	315	283	233	177	101	

• 4S□ in the above table can be replaced by any of 4SD, 4SE, 4SS, 4SA

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m³/h l/min	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8		
					0	20	40	60	80	100	120	140	160	180		
4S□M8/5	4S□8/5	0.55	0.75	H(m)	32	31	28	26	25	24	22	18	14	9		
4S□M8/6	4S□8/6	0.75	1		38	37	33	32	30	28	26	22	17	11		
4S□M8/7	4S□8/7	0.75	1		44	43	39	37	35	33	30	26	20	13		
4S□M8/8	4S□8/8	0.92	1.25		50	49	45	42	40	38	35	30	23	15		
4S□M8/9	4S□8/9	1.1	1.5		57	55	51	47	45	43	39	33	26	17		
4S□M8/10	4S□8/10	1.3	1.75		63	61	56	53	50	48	43	37	28	18		
4S□M8/12	4S□8/12	1.5	2		76	73	67	63	60	57	52	44	34	22		
4S□M8/14	4S□8/14	1.8	2.5		88	86	79	74	70	67	61	52	40	26		
4S□M8/17	4S□8/17	2.2	3		107	104	96	90	85	81	74	63	48	31		
4S□M8/20	4S□8/20	2.6	3.5		126	122	112	105	100	95	87	74	57	37		
-	4S□8/23	3	4		145	141	129	121	115	109	100	85	65	42		
-	4S□8/26	3.7	5		164	159	146	137	130	124	113	96	74	48		
-	4S□8/29	4	5.5		183	177	163	153	145	138	126	107	82	53		
-	4S□8/33	5	7		208	202	186	174	165	157	143	122	94	61		
-	4S□8/37	5.5	7.5		234	226	208	195	185	176	160	136	105	68		
-	4S□8/41	7	10		259	251	231	216	205	195	178	151	117	76		
-	4S□8/45	7.5	10		284	275	253	237	225	214	195	166	128	83		

• 4S□ in the above table can be replaced by any of 4SD, 4SE, 4SS, 4SA



PERFORMANCE DATA 50Hz

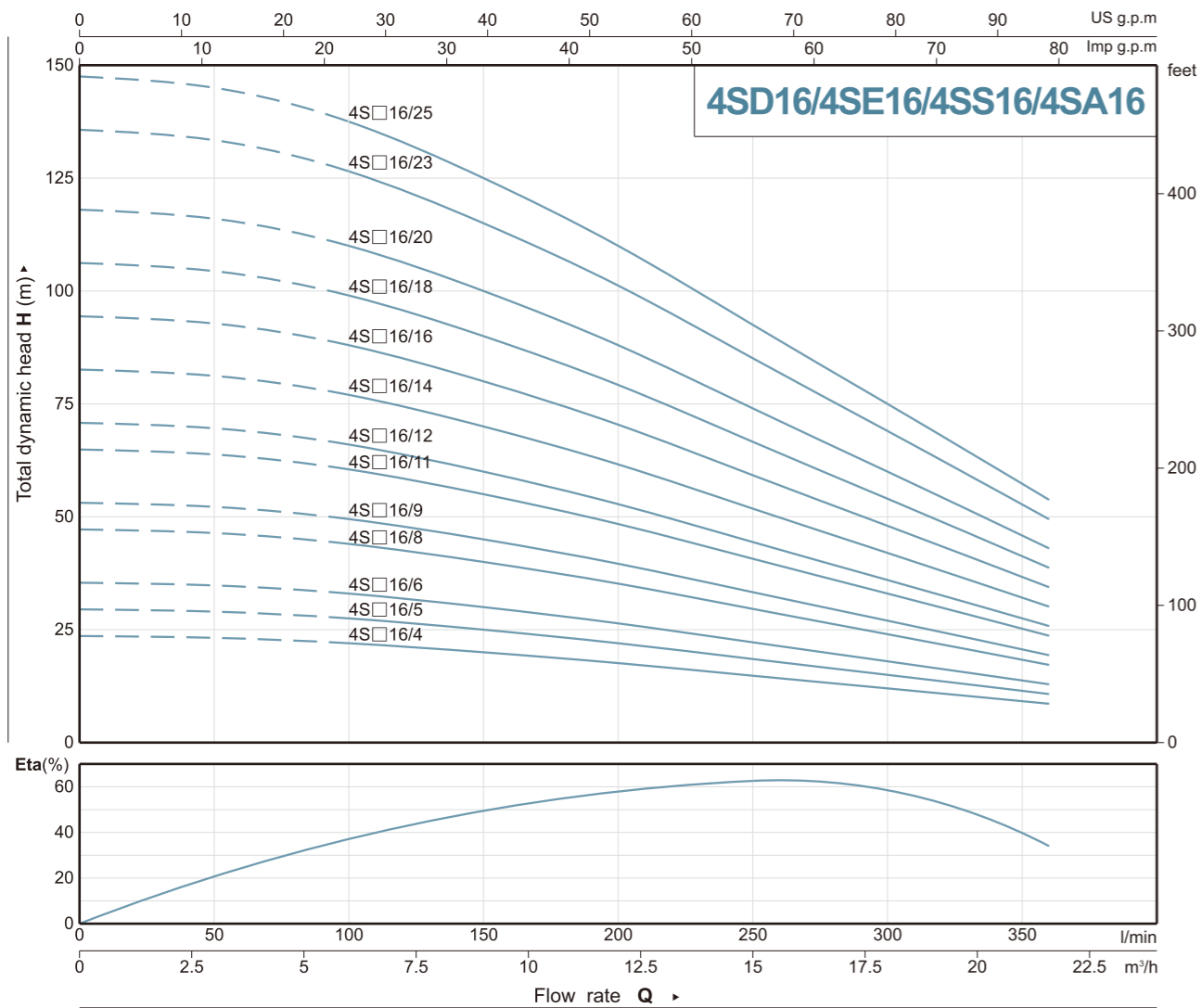
MODEL		P ₂		DELIVERY n≈2850 1/min																	
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	13.8								
				m³/h	0	30	60	90	120	150	180	210	230								
				l/min	0	30	60	90	120	150	180	210	230								
4S□M10/5	4S□10/5	0.75	1	H(m)	34	33	30	29	27	25	20	13	7								
4S□M10/6	4S□10/6	0.92	1.25		40	40	37	34	33	29	24	16	8								
4S□M10/7	4S□10/7	1.1	1.5		47	46	43	40	38	34	28	19	10								
4S□M10/8	4S□10/8	1.3	1.75		54	53	49	46	44	39	32	21	11								
4S□M10/9	4S□10/9	1.5	2		61	59	55	52	49	44	36	24	12								
4S□M10/10	4S□10/10	1.5	2		67	66	61	57	55	49	40	26	14								
4S□M10/11	4S□10/11	1.8	2.5		74	72	67	63	60	54	44	29	15								
4S□M10/13	4S□10/13	2.2	3		88	86	79	75	71	64	52	34	18								
4S□M10/15	4S□10/15	2.6	3.5		101	99	91	86	82	74	60	40	21								
-	4S□10/17	3	4		115	112	104	97	93	83	67	45	23								
-	4S□10/19	3.7	5		128	125	116	109	104	93	75	50	26								
-	4S□10/21	4	5.5		141	138	128	120	115	103	83	56	29								
-	4S□10/24	5	7		162	158	146	138	131	118	95	64	33								
-	4S□10/27	5.5	7.5		182	178	164	155	148	133	107	71	37								
-	4S□10/30	7	10		202	198	183	172	164	147	119	79	41								
-	4S□10/34	7.5	10		229	224	207	195	186	167	135	90	47								

• 4S□ in the above table can be replaced by any of 4SD, 4SE, 4SS, 4SA

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min																	
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2							
				m³/h	0	30	60	90	120	150	180	210	240	270							
				l/min	0	30	60	90	120	150	180	210	240	270							
4S□M12/4	4S□12/4	0.75	1	H(m)	25	24	22	21	19	18	16	13	10	7							
4S□M12/5	4S□12/5	0.92	1.25		31	30	28	26	24	22	20	17	13	8							
4S□M12/6	4S□12/6	1.1	1.5		37	36	34	31	29	26	23	20	16	10							
4S□M12/7	4S□12/7	1.3	1.75		43	42	39	36	34	31	27	23	18	12							
4S□M12/8	4S□12/8	1.5	2		49	48	45	42	39	35	31	27	21	14							
4S□M12/10	4S□12/10	1.8	2.5		61	59	56	52	48	44	39	33	26	17							
4S□M12/12	4S□12/12	2.2	3		74	71	67	62	58	53	47	40	31	20							
4S□M12/14	4S□12/14	2.6	3.5		86	83	78	73	67	62	55	46	36	24							
-	4S□12/16	3	4		98	95	90	83	77	71	63	53	42	27							
-	4S□12/18	3.7	5		110	107	101	93	87	79	70	60	47	30							
-	4S□12/20	4	5.5		123	119	112	104	96	88	78	66	52	34							
-	4S□12/23	5	7		141	137	129	119	111	101	90	76	60	39							
-	4S□12/26	5.5	7.5		159	154	145	135	125	115	102	86	67	44							
-	4S□12/29	7	10		178	172	162	150	140	128	113	96	75	49							
-	4S□12/32	7.5	10		196	190	179	166	154	141	125	106	83	54							

• 4S□ in the above table can be replaced by any of 4SD, 4SE, 4SS, 4SA



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min									
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m ³ /h l/min	0	3	6	9	12	15	18	21	
					0	50	100	150	200	250	300	350	
4S□M16/4	4S□16/4	1.1	1.5	H(m)	24	23	22	20	18	15	12	9	
4S□M16/5	4S□16/5	1.3	1.75		30	29	28	25	22	19	15	11	
4S□M16/6	4S□16/6	1.5	2		36	35	33	30	26	22	18	13	
4S□M16/8	4S□16/8	1.8	2.5		47	46	44	40	35	30	24	17	
4S□M16/9	4S□16/9	2.2	3		53	52	50	45	40	33	27	19	
4S□M16/11	4S□16/11	2.6	3.5		65	64	61	55	48	41	33	24	
-	4S□16/12	3	4		71	70	66	60	53	45	36	26	
-	4S□16/14	3.7	5		83	81	77	70	62	52	42	30	
-	4S□16/16	4	5.5		95	93	88	80	70	60	48	35	
-	4S□16/18	5	7		107	104	99	90	79	67	54	39	
-	4S□16/20	5.5	7.5		118	116	110	100	88	74	60	43	
-	4S□16/23	7	10		136	133	127	115	101	86	69	50	
-	4S□16/25	7.5	10		148	145	138	125	110	93	75	54	

• 4S□ in the above table can be replaced by any of 4SD, 4SE, 4SS, 4SA

4SP

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 +50°C
Maximum sand content: 0.25%
Minimum well diameter: 4"

Motor and Pump

Rewindable motor
Single-phase: 220 - 240V/50Hz
Three-phase: 380 - 415V/50Hz
Equip with start control box or digital auto-control box
NEMA dimension standards
Curve tolerance according to ISO 9906

Options on request

Special mechanical seal
Other voltages or frequency 60Hz
Single phase motor with built-in capacitor

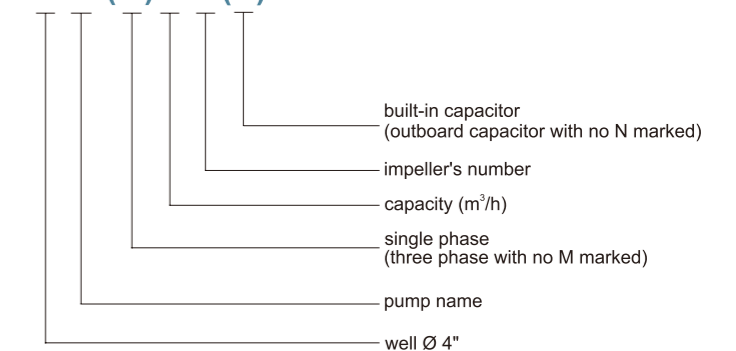
Warranty: 2 years

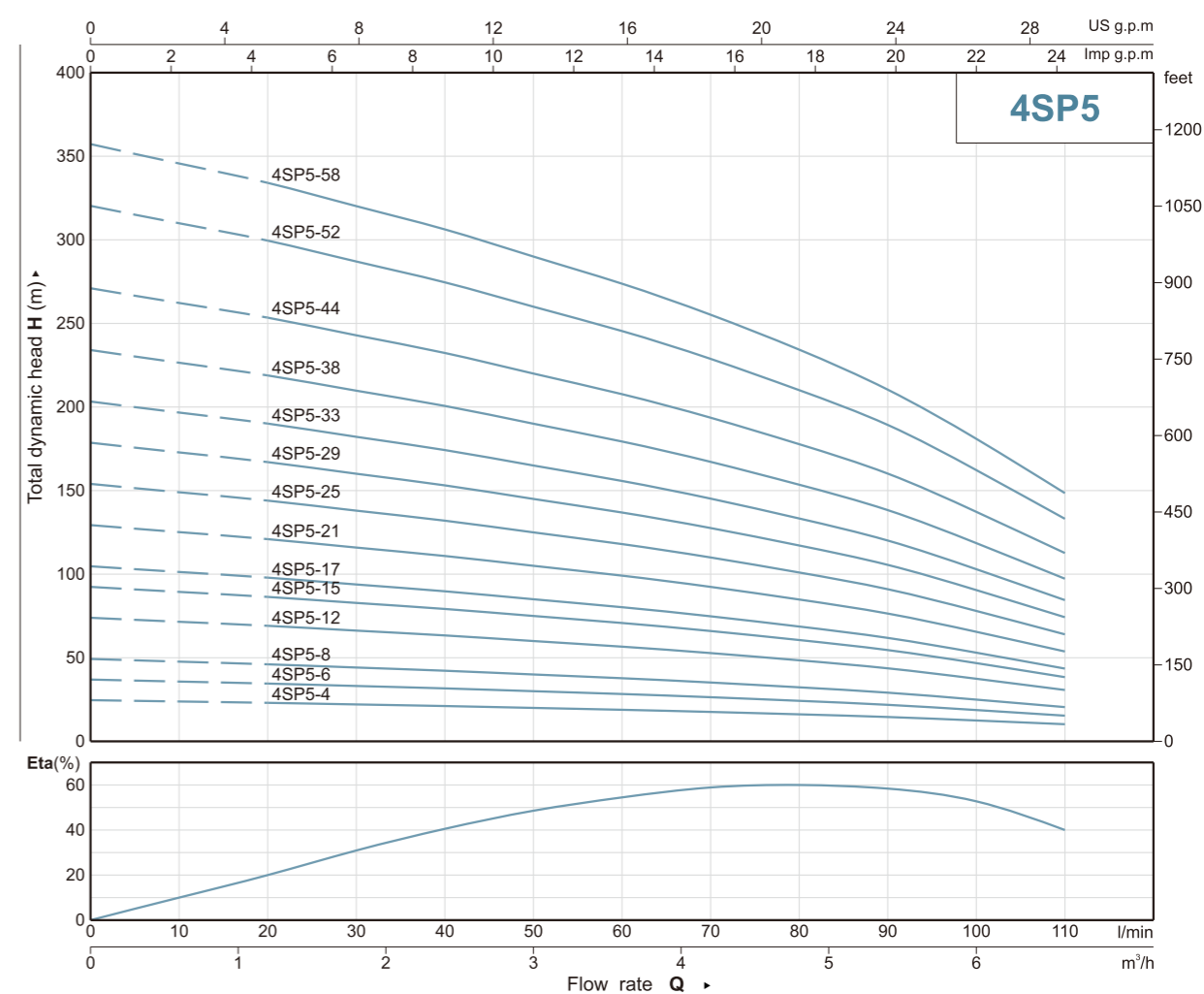
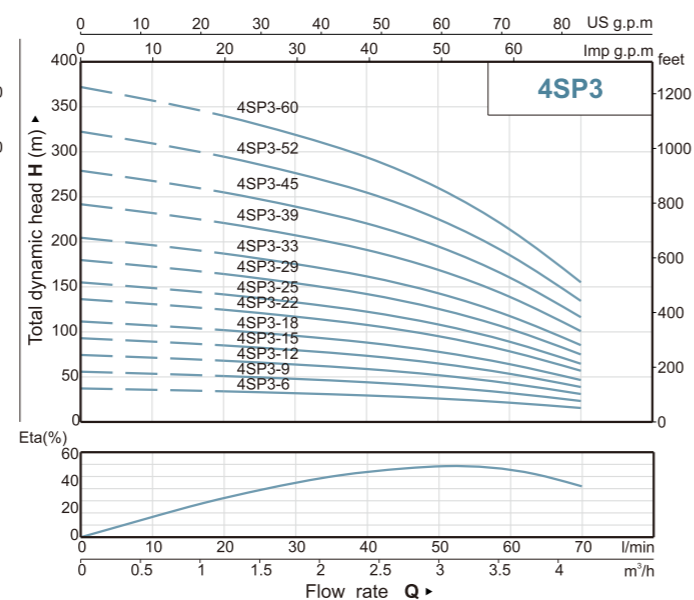
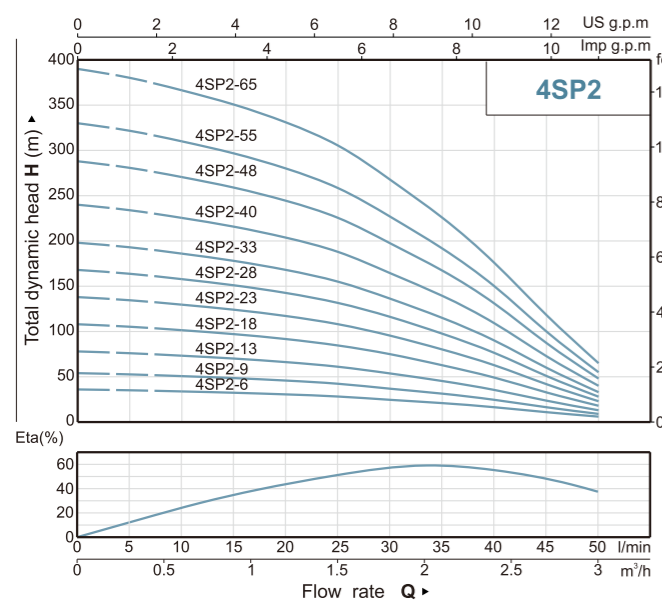
(according to our general sales conditions)



Components	Material
Delivery casing	AISI 304 SS
Suction lantern	AISI 304 SS
Diffuser	AISI 304 SS
Impeller	AISI 304 SS
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500 ②AISI 420 SS ③Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutical use.

4 SP (M) 2-6 (N)





PERFORMANCE DATA 50Hz

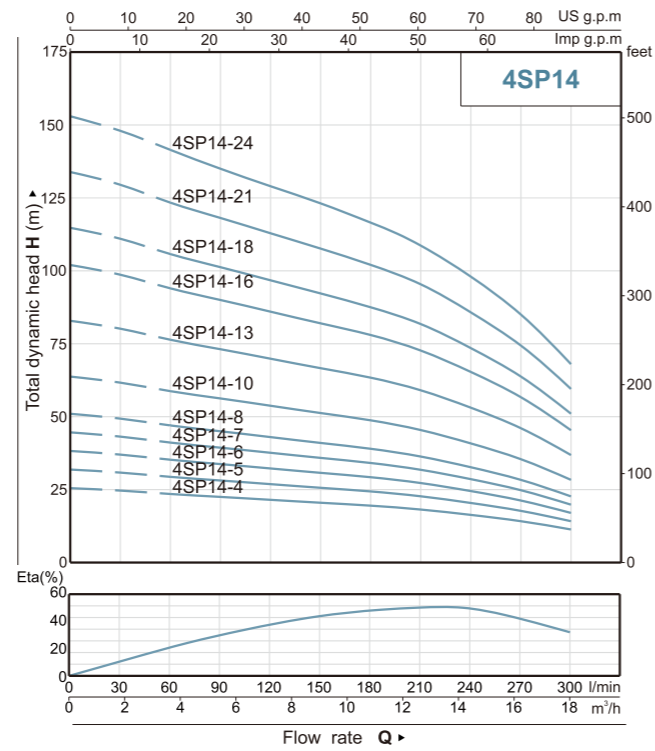
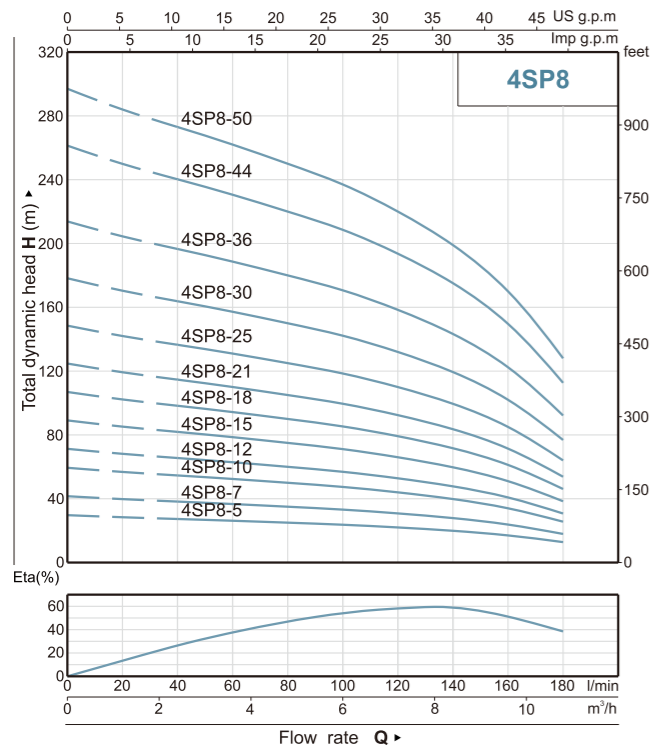
MODEL		P ₂		DELIVERY n≈2850 1/min																				
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m³/h l/min	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0									
					0	5	10	15	20	25	30	35	40	45	50									
4SPM2-6	4SP2-6	0.37	0.5	H(m)	36	35	34	32	31	28	25	21	16	11	6									
4SPM2-9	4SP2-9	0.37	0.5		54	53	51	48	46	42	37	31	25	17	9									
4SPM2-13	4SP2-13	0.55	0.75		78	76	73	70	66	61	54	45	35	24	13									
4SPM2-18	4SP2-18	0.75	1		108	105	102	97	92	85	75	63	49	34	18									
4SPM2-23	4SP2-23	1.1	1.5		138	134	130	124	117	108	96	80	63	43	23									
4SPM2-28	4SP2-28	1.3	1.75		168	164	158	151	143	132	116	97	76	53	28									
4SPM2-33	4SP2-33	1.5	2		198	193	186	178	168	155	137	115	90	62	32									
4SPM2-40	4SP2-40	1.8	2.5		240	234	226	215	204	188	166	139	109	75	39									
4SPM2-48	4SP2-48	2.2	3		288	281	271	258	244	226	199	167	131	90	47									
4SPM2-55	4SP2-55	2.6	3.5		330	322	311	296	280	259	228	191	150	103	54									
-	4SP2-65	3	4		390	380	367	350	331	306	270	226	177	122	64									

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min																
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m³/h l/min	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2								
					0	10	20	30	40	50	60	70								
4SPM3-6	4SP3-6	0.37	0.5	H(m)	37	36	34	32	29	26	21	16								
4SPM3-9	4SP3-9	0.55	0.75		56	54	51	48	44	39	32	23								
4SPM3-12	4SP3-12	0.75	1		74	71	68	64	59	52	43	31								
4SPM3-15	4SP3-15	0.92	1.25		93	89	85	80	74	65	54	39								
4SPM3-18	4SP3-18	1.1	1.5		112	107	102	96	88	78	64	47								
4SPM3-22	4SP3-22	1.3	1.75		136	131	125	117	108	95	78	57								
4SPM3-25	4SP3-25	1.5	2		155	149	142	133	123	108	89	65								
4SPM3-29	4SP3-29	1.8	2.5		180	173	164	154	142	126	103	75								
4SPM3-33	4SP3-33	2.2	3		205	196	187	175	162	143	118	85								
4SPM3-39	4SP3-39	2.6	3.5		242	232	221	207	191	169	139	101								
-	4SP3-45	3	4		279	268	255	239	221	195	161	116								
-	4SP3-52	3.7	5		322	309	295	276	255	225	185	134								
-	4SP3-60	4	5.5		372	357	340	319	294	260	214	155								

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min																						
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m³/h l/min	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6										
					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	20	19	18	16	15	12	10										
4SPM5-6	4SP5-6	0.55	0.75		37	36	35	33	32	30	28	26	24	22	19	15										
4SPM5-8	4SP5-8	0.75	1		49	48	46	44	42	40	38	35	32	29	25	20										
4SPM5-12	4SP5-12	1.1	1.5		74	72	69	66	63	60	57	53	48	44	37	31										
4SPM5-15	4SP5-15	1.3	1.75		92	89	86	83	79	75	71	66	61	55	47	38										
4SPM5-17	4SP5-17	1.5	2		105	101	98	94	90	85	80	75	69	62	53	44										
4SPM5-21	4SP5-21	1.8	2.5		129	125	121	116	111	105	99	92	85	76	66	54										
4SPM5-25	4SP5-25	2.2	3		154	149	144	138	132	125	118	110	101	91	78	64										
4SPM5-29	4SP5-29	2.6	3.5		179	173	167	160	153	145	137	128	117	106	90	74										
-	4SP5-33	3	4		203	197	190	182	174	165	156	145	133	120	103	84										
-	4SP5-38	3.7	5		234	226	219	210	201	190	179	167	154	138	119	97										
-	4SP5-44	4	5.5		271	262	253	243	232	220	208	194	178	160	137	113										
-	4SP5-52	5	7		320	310	300	287	275	260	245	229	210	189	162	133										
-	4SP5-58	5.5	7.5		357	346	334	320	306	290	274	255	234	211	181	148										



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8
				m³/h	0	20	40	60	80	100	120	140	160	180
4SPM8-5	4SP8-5	0.75	1	H(m)	30	28	27	26	25	24	22	20	17	13
4SPM8-7	4SP8-7	1.1	1.5		42	40	38	37	35	33	31	28	24	18
4SPM8-10	4SP8-10	1.5	2		59	57	55	52	50	47	44	40	34	25
4SPM8-12	4SP8-12	1.8	2.5		71	68	66	63	60	57	53	48	41	30
4SPM8-15	4SP8-15	2.2	3		89	85	82	79	75	71	66	60	51	38
-	4SP8-18	3	4		107	102	98	94	90	85	79	72	61	46
-	4SP8-21	3.7	5		125	119	115	110	105	100	92	84	71	53
-	4SP8-25	4	5.5		149	142	137	131	125	119	110	100	85	64
-	4SP8-30	5	7		178	170	164	157	150	142	132	119	102	76
-	4SP8-36	5.5	7.5		214	204	197	189	180	171	158	143	122	91
-	4SP8-44	7	10		261	250	240	231	220	209	194	175	150	112
-	4SP8-50	7.5	10		297	284	273	262	250	237	220	199	170	127

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2	18	
				m³/h	0	30	60	90	120	150	180	210	240	270	300	
4SPM14-4	4SP14-4	1.3	1.75	H(m)	26	25	24	23	22	21	20	18	16	14	11	
4SPM14-5	4SP14-5	1.5	2		32	31	29	28	27	26	24	23	20	18	14	
4SPM14-6	4SP14-6	1.8	2.5		38	37	35	34	32	31	29	27	25	21	17	
4SPM14-7	4SP14-7	2.2	3		45	43	41	39	38	36	34	32	29	25	20	
4SPM14-8	4SP14-8	2.6	3.5		51	49	47	45	43	41	39	36	33	28	23	
-	4SP14-10	3	4		64	62	59	56	54	51	49	45	41	35	28	
-	4SP14-13	4	5.5		83	80	76	73	70	67	63	59	53	46	37	
-	4SP14-16	5	7		102	99	94	90	86	82	78	73	65	57	45	
-	4SP14-18	5.5	7.5		115	111	106	101	97	92	88	82	74	64	51	
-	4SP14-21	7	10		134	130	123	118	113	108	102	95	86	74	60	
-	4SP14-24	7.5	10		153	148	141	135	129	123	117	109	97	85	68	

4YS

Applications

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

Operating conditions

Speed: 2850rpm
 Insulation class: F
 Protection grade: IP 68
 Maximum fluid temperature up to +35°C
 Minimum well diameter: 4"

Motor and Pump

Rewindable motor
Single-phase: 220 - 240V/50Hz
Three-phase: 380 - 415V/50Hz
 Equip with start control box or digital auto-control box
NEMA dimension standards

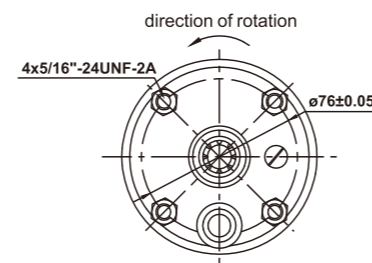
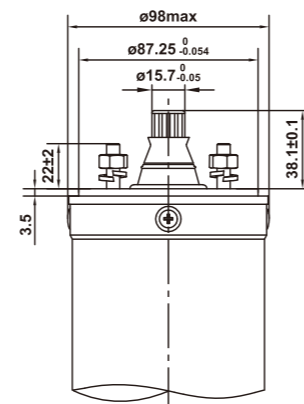
Options on request

Special mechanical seal
 Other voltages or frequency 60Hz
 Single phase motor with built-in capacitor

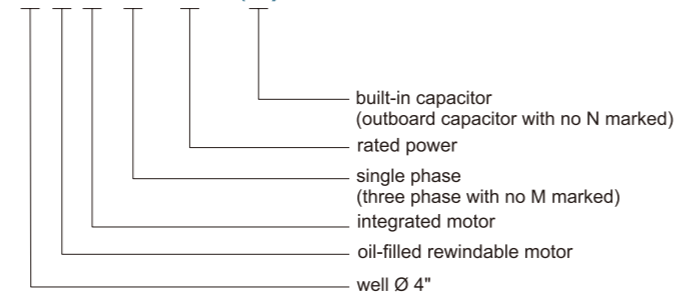
Warranty: 2 years

(according to our general sales conditions)

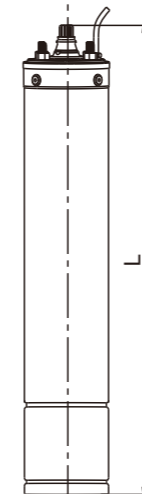
Components	Material
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500 ②Cast-iron ASTM N0.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



4 Y S M 250 (N)

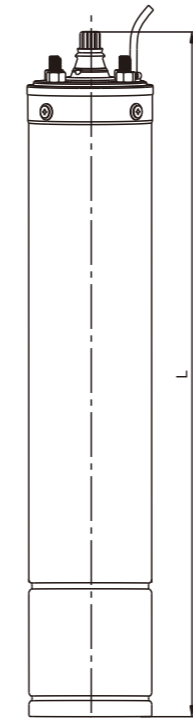


PERFORMANCE DATA 50Hz



MODEL	P ₂		n ≈ 2850 1/min						
	kW	HP	Voltage (V)	Ph	I _n (A)	cosφ	η (%)	L (mm)	Weight (kg)
4YSM250	0.25	0.33	220-240V	1	2.5	0.93	52	326	5.5
4YSM370	0.37	0.5			3.7	0.93	54	341	6.7
4YSM550	0.55	0.75			4.7	0.93	57	356	7.3
4YSM750	0.75	1			6.2	0.93	60	386	8.7
4YSM920	0.92	1.25			6.6	0.93	64	406	9.8
4YSM1100	1.1	1.5			8.0	0.93	63	426	10.6
4YSM1300	1.3	1.75			9.0	0.93	64	451	11.7
4YSM1500	1.5	2			10.5	0.93	65	476	12.9
4YSM1800	1.8	2.5			13.0	0.93	65	511	15.7
4YSM2200	2.2	3			15.0	0.93	66	581	17.7
4YSM2600	2.6	3.5			17.8	0.93	67	591	19.8

PERFORMANCE DATA 50Hz



MODEL	P ₂		n ≈ 2850 1/min						
	kW	HP	Voltage (V)	Ph	I _n (A)	cosφ	η (%)	L (mm)	Weight (kg)
4YS250	0.25	0.33	380-415V	3	1.0	0.75	55	326	5.8
4YS370	0.37	0.5			1.4	0.75	58	341	6.7
4YS550	0.55	0.75			1.8	0.76	61	356	7.3
4YS750	0.75	1			2.5	0.77	64	371	8.0
4YS1100	1.1	1.5			3.2	0.78	67	406	9.8
4YS1500	1.5	2			4.0	0.79	69	451	11.7
4YS2200	2.2	3			6.0	0.80	71	541	15.7
4YS2600	2.6	3.5			7.0	0.79	71	551	17.7
4YS3000	3	4			8.0	0.81	72	621	19.8
4YS3700	3.7	5			9.5	0.80	72	626	21.4
4YS4000	4	5.5			10.0	0.82	74	725	23.7
4YS5000	5.0	7.0			12.0	0.81	75	706	25.5
4YS5500	5.5	7.5			12.0	0.83	75	815	28.0
4YS7000	7	10			14.0	0.82	76	816	30.0
4YS7500	7.5	10			15.0	0.84	76	875	34.0

5SD/5SS

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: 0.25%
 Minimum well diameter: 5"

Motor and Pump

Rewindable motor
Single-phase: 220 - 240V/50Hz
Three-phase: 380 - 415V/50Hz
 Equip with start control box or digital auto-control box
 Curve tolerance according to ISO 9906

Options on request

Special mechanical seal
 Other voltages or frequency 60Hz
 Single phase motor with built-in capacitor

Warranty: 2 years

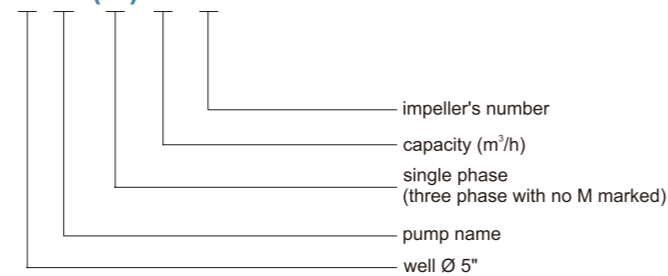
(according to our general sales conditions)



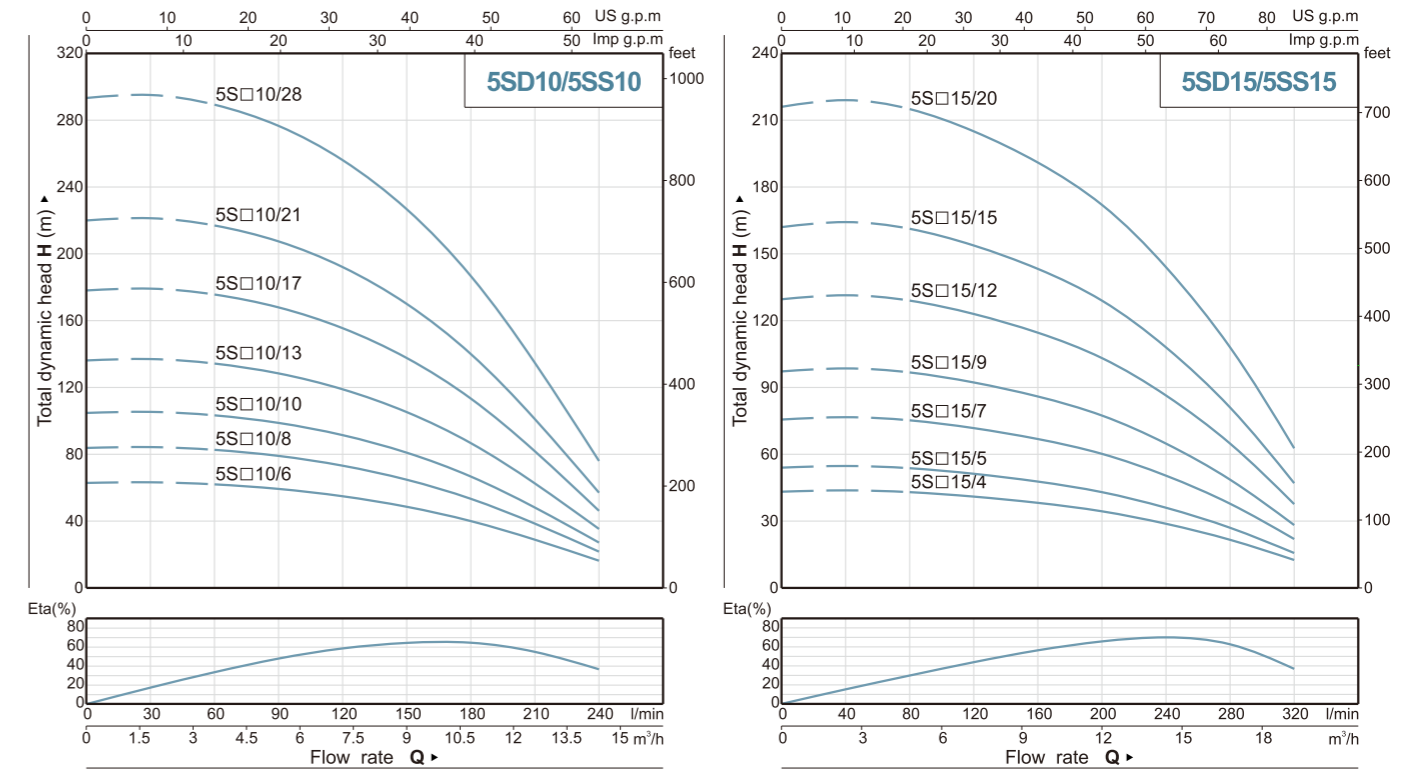
5SD

5SS

5 SD (M) 10 / 5



Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM C85500 ②AISI 304 SS
Suction lantern	①Cast-Cu ASTM C85500 ②AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	Cast-Cu ASTM C85500 Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



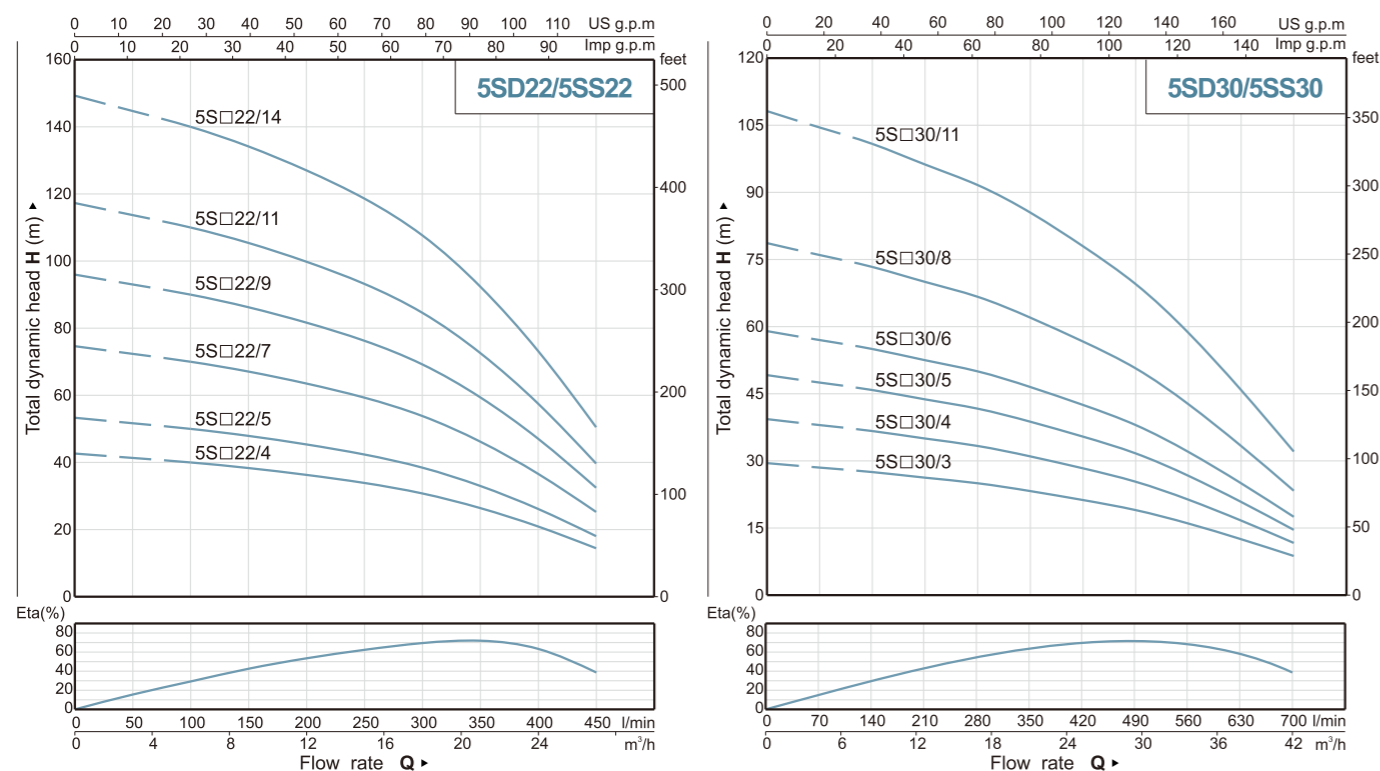
PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min											
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	H(m)										
				m³/h l/min	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4		
					0	30	60	90	120	150	180	210	240		
5S□M10/6	5S□10/6	1.5	2	H(m)	63	63	62	59	55	49	40	29	16		
5S□M10/8	5S□10/8	2.2	3		84	84	83	79	73	65	53	39	22		
5S□M10/10	5S□10/10	3	4		105	105	103	99	91	81	67	48	27		
-	5S□10/13	4	5.5		136	137	134	128	119	105	87	63	35		
-	5S□10/17	5.5	7.5		178	179	175	168	155	138	114	82	46		
-	5S□10/21	7.5	10		220	221	217	207	192	170	140	101	57		
-	5S□10/28	11	15		293	295	289	276	256	227	187	135	76		

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min											
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	H(m)										
				m³/h l/min	0	2.4	4.8	7.2	9.6	12.0	14.4	16.8	19.2		
					0	40	80	120	160	200	240	280	320		
5S□M15/4	5S□15/4	1.5	2	H(m)	43	44	43	41	38	34	29	22	13		
5S□M15/5	5S□15/5	2.2	3		54	55	54	51	48	43	36	27	17		
5S□M15/7	5S□15/7	3	4		76	77	75	72	67	60	50	38	23		
-	5S□15/9	4	5.5		97	99	97	92	86	77	65	49	30		
-	5S□15/12	5.5	7.5		130	131	129	123	115	103	86	65	40		
-	5S□15/15	7.5	10		162	164	161	154	143	129	108	81	50		
-	5S□15/20	11	15		216	219	215	205	191	172	144	108	67		

• 5S□ in the above table can be replaced by any of 5SD, 5SS



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	0	3	6	9	12	15	18	21	24	27
				m³/h l/min	0	50	100	150	200	250	300	350	400	450
5S□M22/4	5S□22/4	2.2	3	H(m)	43	41	40	38	36	34	31	26	21	14
5S□M22/5	5S□22/5	3	4		53	52	50	48	45	43	39	33	26	18
-	5S□22/7	4	5.5		75	72	70	67	64	60	54	46	37	25
-	5S□22/9	5.5	7.5		96	93	90	86	82	77	69	59	47	32
-	5S□22/11	7.5	10		117	114	110	105	100	94	85	72	57	39
-	5S□22/14	11	15		149	145	140	134	127	119	108	92	73	50

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min											
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	0	4.2	8.4	12.6	16.8	21.0	25.2	29.4	33.6	37.8	42
				m³/h l/min	0	70	140	210	280	350	420	490	560	630	700
5S□M30/3	5S□30/3	2.2	3	H(m)	29	29	28	26	25	23	21	19	16	13	9
5S□M30/4	5S□30/4	3	4		39	38	37	35	33	31	28	25	21	17	12
-	5S□30/5	4	5.5		49	48	46	44	42	39	35	32	27	21	15
-	5S□30/6	5.5	7.5		59	57	55	52	50	46	43	38	32	25	17
-	5S□30/8	7.5	10		79	76	73	70	67	62	57	51	43	33	23
-	5S□30/11	11	15		108	105	101	96	92	85	78	70	59	46	32

• 5S□ in the above table can be replaced by any of 5SD, 5SS

6SD/6SS

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: 0.25%
Minimum well diameter: 6"

Motor and Pump

Rewindable motor
Single-phase: 220 - 240V/50Hz
Three-phase: 380 - 415V/50Hz
Equip with start control box or digital auto-control box
Curve tolerance according to ISO 9906

Options on request

Special mechanical seal
Other voltages or frequency 60Hz
Single phase motor with built-in capacitor

Warranty: 2 years

(according to our general sales conditions)

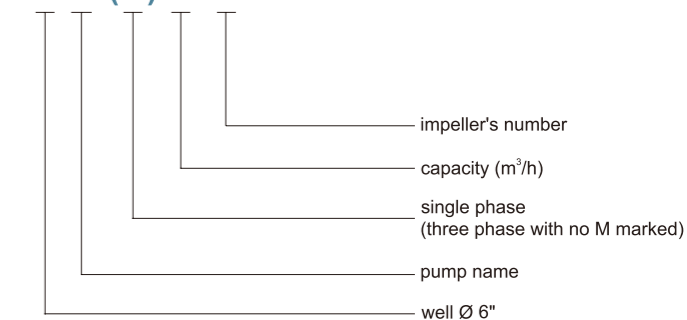
Components	Material
Pump external casing	AISI 304 SS
Delivery casing	① Cast-Cu ASTM C85500 ② AISI 304 SS
Suction lantern	AISI 304 SS
Diffuser	Plastic.PC
Impeller	Plastic.POM
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM NO.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutical use.

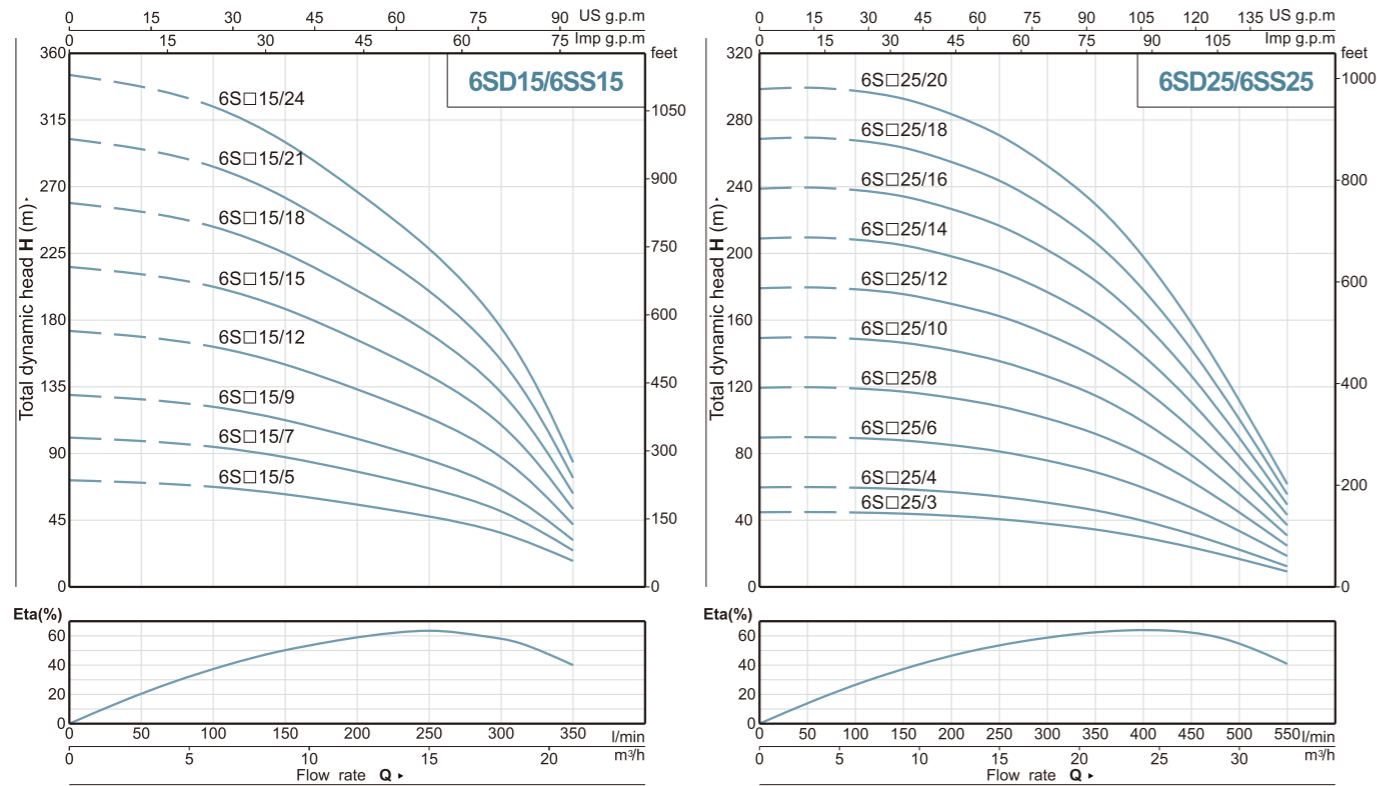


6SD

6SS

6 SD (M) 15 / 4





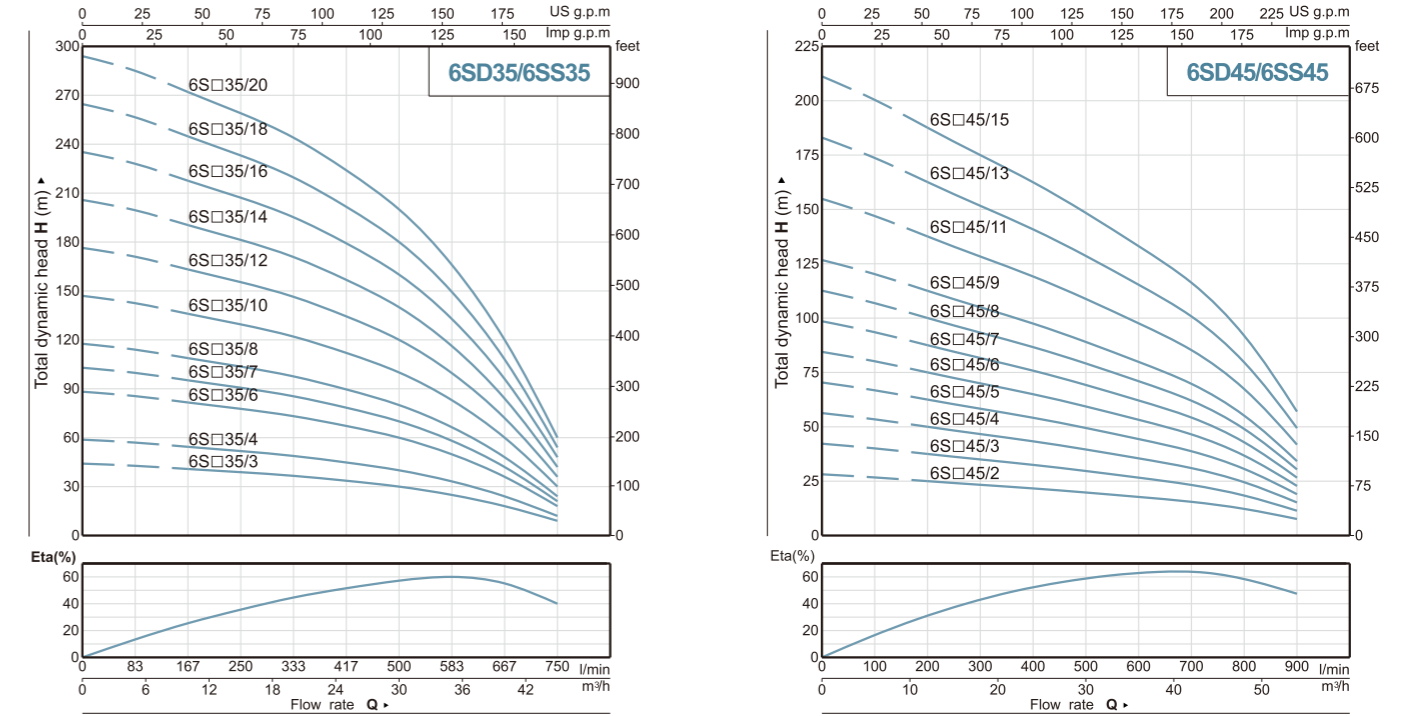
PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min														
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m ³ /h l/min													
				0	3	6	9	12	15	18	21							
6S□M15/5	6S□15/5	3	4	H(m)	0	3	6	9	12	15	18	21						
6S□M15/7	6S□15/7	4	5.5		72	70	68	63	56	48	36	18						
6S□M15/9	6S□15/9	5.5	7.5		101	99	95	88	78	67	51	25						
-	6S□15/12	7.5	10		129	127	122	113	100	86	66	32						
-	6S□15/15	9.2	12.5		173	169	162	150	134	114	88	42						
-	6S□15/18	11	15		216	211	203	188	167	143	109	53						
-	6S□15/21	13	17.5		259	254	243	225	200	171	131	63						
-	6S□15/24	15	20		302	296	284	263	234	200	153	74						
-	6S□15/24	15	20		345	338	324	300	267	228	175	84						

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min															
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m ³ /h l/min														
				0	3	6	9	12	15	18	21	24	27	30	33				
6S□M25/3	6S□25/3	3	4	H(m)	0	3	6	9	12	15	18	21	24	27	30	33			
6S□M25/4	6S□25/4	4	5.5		45	45	45	44	42	40	38	33	28	22	16	9			
6S□M25/6	6S□25/6	5.5	7.5		60	60	60	58	56	54	50	45	39	30	21	12			
-	6S□25/8	7.5	10		90	90	89	88	85	81	76	66	58	45	32	18			
-	6S□25/10	9.2	12.5		120	120	119	117	113	108	101	89	78	60	43	24			
-	6S□25/12	11	15		150	150	149	146	141	135	126	111	97	75	55	30			
-	6S□25/14	13	17.5		179	180	179	175	169	162	151	134	117	90	65	36			
-	6S□25/16	15	20		209	210	209	204	197	189	176	156	136	105	76	42			
-	6S□25/18	18.5	25		239	240	238	234	226	216	202	178	156	120	87	48			
-	6S□25/20	18.5	25		269	270	268	263	254	243	227	201	176	135	98	54			
-	6S□25/20	18.5	25		299	300	298	292	282	270	252	223	195	150	109	60			

• 6S□ in the above table can be replaced by any of 6SD, 6SS



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min														
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m ³ /h l/min													
				0	5	10	15	20	25	30	35	40	45					
6S□M35/3	6S□35/3	4	5.5	H(m)	0	83	167	250	333	417	500	583	667	750				
6S□M35/4	6S□35/4	5.5	7.5		44	43	41	39	37	34	30	25	18	9				
-	6S□35/6	7.5	10		59	57	54	52	49	45	40	33	24	12				
-	6S□35/7	9.2	12.5		88	86	82	78	73	67	60	50	36	18				
-	6S□35/8	11	15		103	100	95	91	85	78	70	58	42	21				
-	6S□35/10	13	17.5		118	114	109	104	98	90	80	66	48	24				
-	6S□35/12	15	20		147	143	136	130	122	112	100	83	60	30				
-	6S□35/14	18.5	25		176	171	163	155	146	134	120	100	72	36				
-	6S□35/16	18.5	25		206	200	190	181	171	157	140	116	84	42				
-	6S□35/18	22	30		235	228	218	207	195	179	160	133	96	48				
-	6S□35/20	22	30		265	257	245	233	220	202	180	149	108	54				
-	6S□35/20	22	30		294	285	272	259	244	224	200	166	120	60				

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min														
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m ³ /h l/min													
				0	6	12	18	24	30	36	42	48	54					
6S□M45/2	6S□45/2	4	5.5	H(m)	0	100	200	300	400	500	600	700	800	900				
6S□M45/3	6S□45/3	5.5	7.5		28	27	25	23	22	20	18	15	12	8				
-	6S□45/4	7.5	10		42	40	38	35	33	30	27	23	18	11				
-	6S□45/5	9.2	12.5		56	53	50	47	43	39	35	31	25	15				
-	6S□45/6	11	15		70	67	63	58	54	49	44	39	31	19				
-	6S□45/7	13	17.5		84	80	75	70	65	59	53	46	37	23				
-	6S□45/8	15	20		98	93	88	82	76	69	62	54	43	27				
-	6S□45/9	18.5	25		113	107	100	93	87	79	71	62	49	30				
-	6S□45/11	18.5	25		127	120	113	105	98	89	80	70	55	34				
-	6S□45/13	22	30		155	147	138	128	120	109	98	85	67	42				
-	6S□45/15	22	30		183	173	163	152	141	128	115	101	80	49				
-	6S□45/15	22	30		211	200	188	175	163	148	133	116	92	57				

• 6S□ in the above table can be replaced by any of 6SD, 6SS

6SP

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 +50°C
 Maximum sand content: 0.25%
 Minimum well diameter: 6"

Motor and Pump

Rewindable motor
Single-phase: 220 - 240V/50Hz
Three-phase: 380 - 415V/50Hz
 ① Direct start (1 cable)
 ② Star-delta start (2 cables)
 Equip with start control box or digital auto-control box
NEMA dimension standards
 Curve tolerance according to ISO 9906

Options on request

Special mechanical seal
 Other voltages or frequency 60Hz

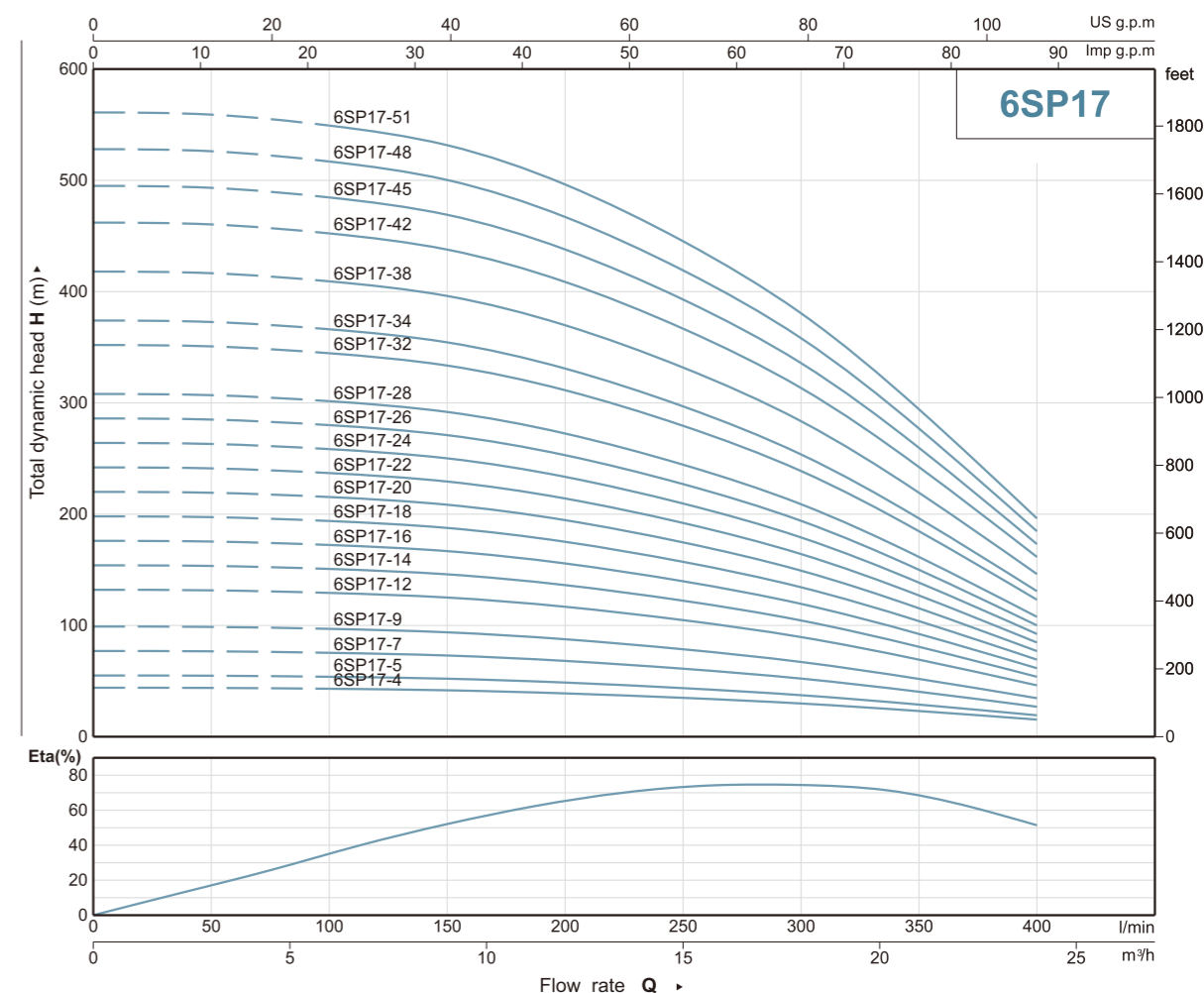
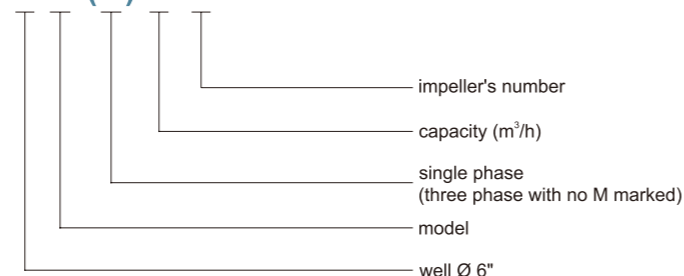
Warranty: 2 years

(according to our general sales conditions)



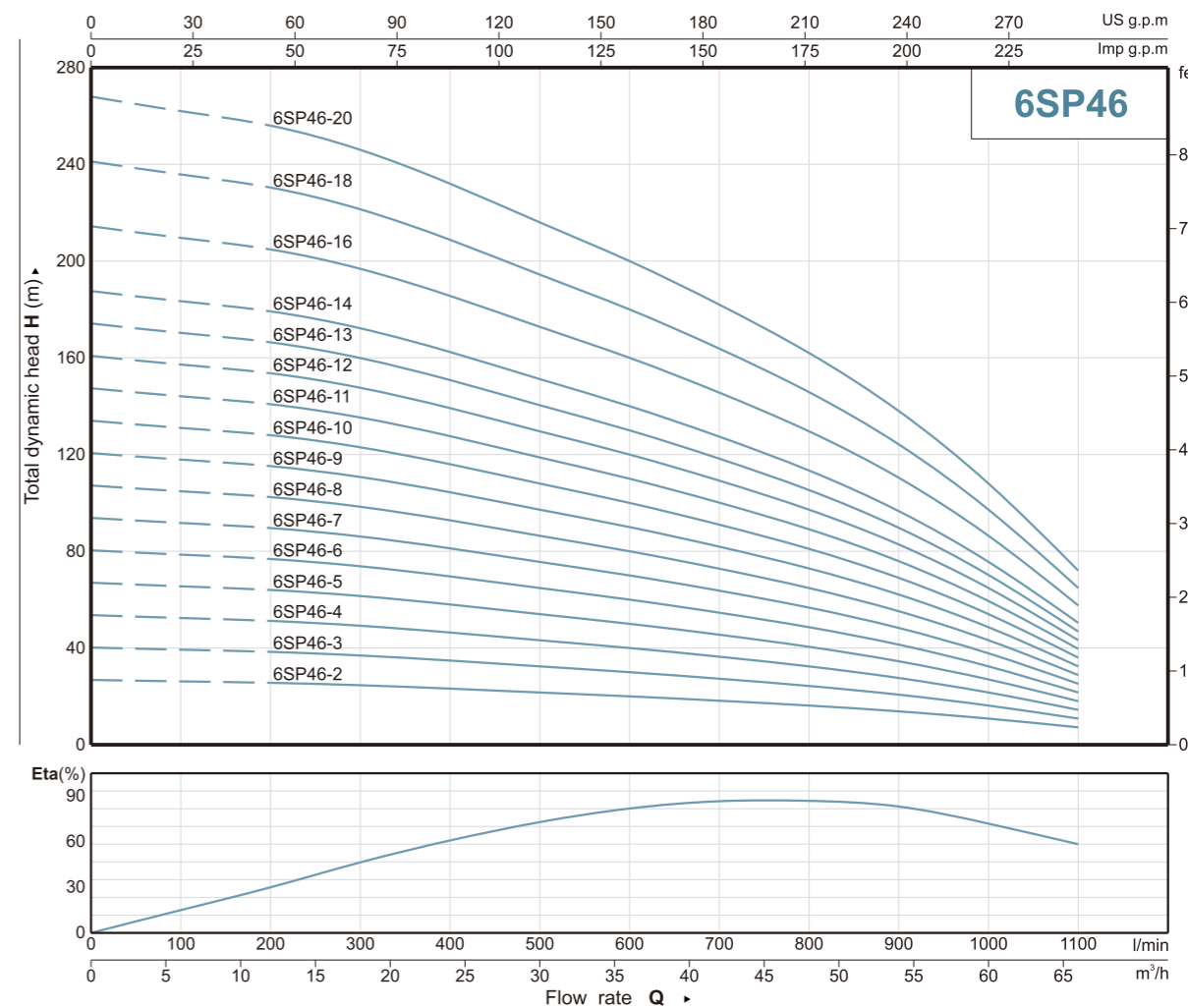
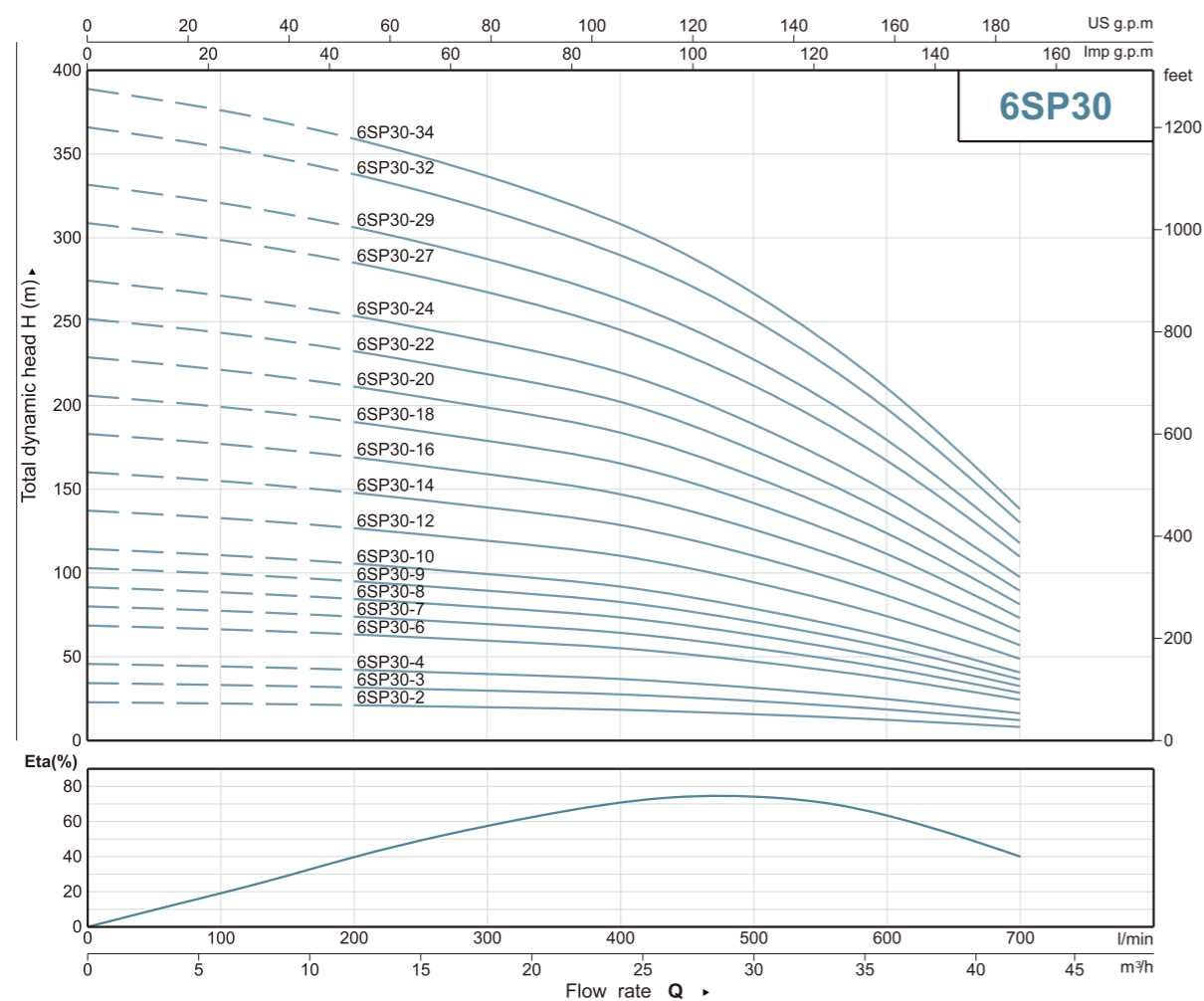
Components	Material
Delivery casing	AISI 304 SS
Suction lantern	AISI 304 SS
Diffuser	AISI 304 SS
Impeller	AISI 304 SS
Shaft	AISI 431 SS
Shaft coupling	AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM N0.30
Bottom support	Cast-iron ASTM N0.30
Seal	NBR Graphite-SIC/TC
Shaft	AISI 304 SS-ASTM 5140

6 SP (M) 17-4



PERFORMANCE DATA 50Hz

MODEL		P ₂		Q	DELIVERY											
1~	3~	kW	HP		n≈2850 1/min											
220 - 240V	380 - 415V				0	3	6	9	12	15	18	21	24			
				Q	0	50	100	150	200	250	300	350	400			
6SPM17-4	6SP17-4	2.2	3	H(m)	44	44	43	42	39	35	30	23	15			
6SPM17-5	6SP17-5	3	4		55	55	54	52	49	44	37	29	19			
6SPM17-7	6SP17-7	4	5.5		77	77	75	73	68	61	52	40	27			
6SPM17-9	6SP17-9	5.5	7.5		99	99	97	94	88	79	67	52	35			
-	6SP17-12	7.5	10		132	132	129	125	117	105	90	69	46			
-	6SP17-14	9.2	12.5		154	153	151	146	136	122	105	81	54			
-	6SP17-16	9.2	12.5		176	175	172	167	156	140	120	92	61			
-	6SP17-18	11	15		198	197	194	188	175	157	134	104	69			
-	6SP17-20	11	15		220	219	215	209	195	175	149	115	77			
-	6SP17-22	13	17.5		242	241	237	229	214	192	164	127	85			
-	6SP17-24	13	17.5		264	263	258	250	233	209	179	138	92			
-	6SP17-26	15	20		286	285	280	271	253	227	194	150	100			
-	6SP17-28	18.5	25		308	307	301	292	272	244	209	161	108			
-	6SP17-32	18.5	25		352	351	344	334	311	279	239	184	123			
-	6SP17-34	22	30		374	373	366	355	331	297	254	196	131			
-	6SP17-38	22	30		418	417	409	396	370	332	284	219	146			
-	6SP17-42	26	35	462	460	452	438	408	366	314	242	161				
-	6SP17-45	26	35	495	493	484	469	438	393	336	259	173				
-	6SP17-48	30	40	528	526	517	501	467	419	359	277	184				
-	6SP17-51	30	40	561	559	549	532	496	445	381	294	196				

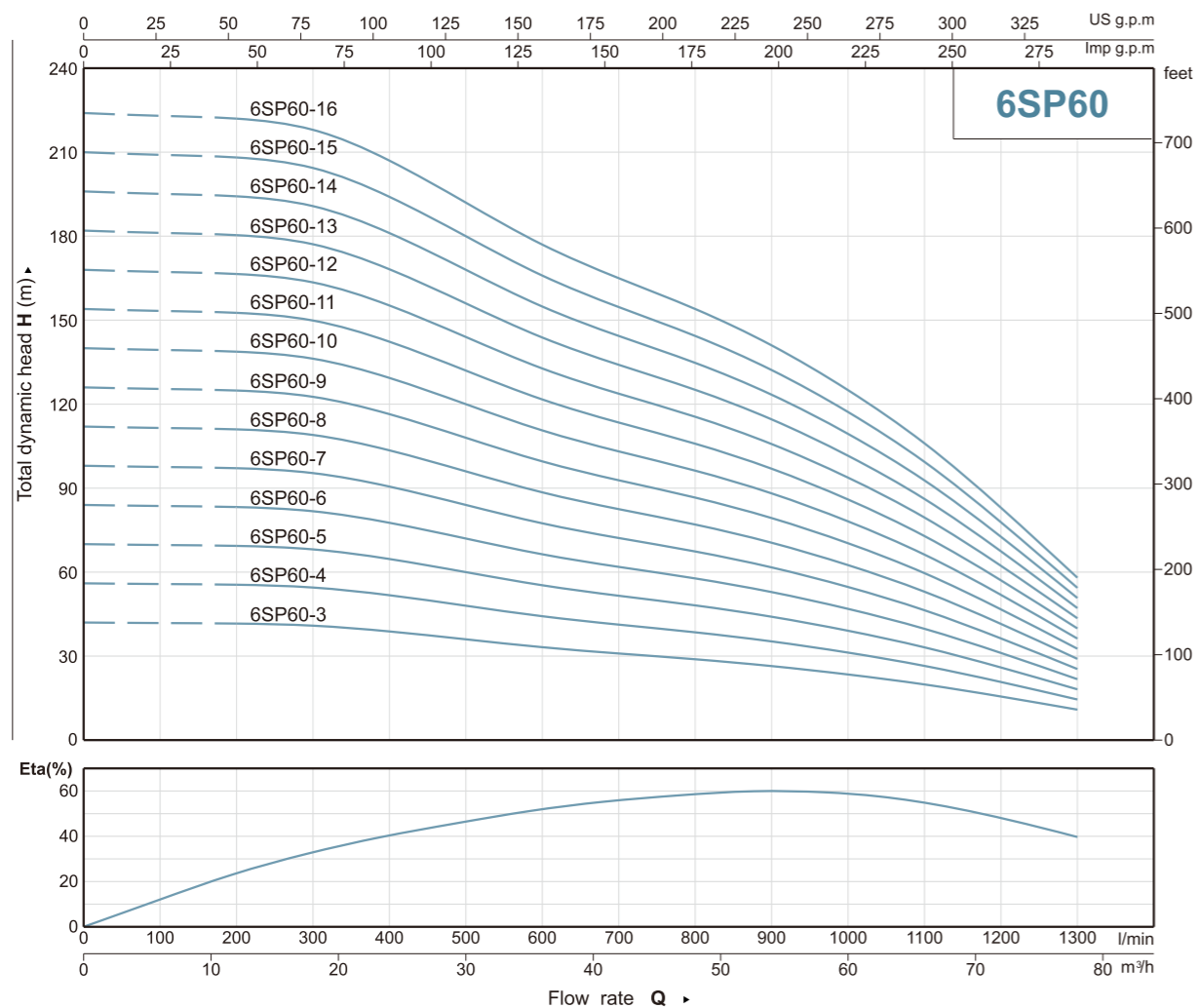


PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min								
1 ~ 220 - 240V	3 ~ 380 - 415V	kW	HP	Q m³/h l/min	0	6	12	18	24	30	36	42
					0	100	200	300	400	500	600	700
6SPM30-2	6SP30-2	2.2	3	H(m)	23	22	21	20	18	16	12	8
6SPM30-3	6SP30-3	3	4		34	33	32	30	28	24	19	12
6SPM30-4	6SP30-4	4	5.5		46	44	42	40	37	32	25	16
6SPM30-6	6SP30-6	5.5	7.5		69	66	63	60	55	47	37	24
-	6SP30-7	7.5	10		80	77	74	70	64	55	43	28
-	6SP30-8	7.5	10		92	89	85	80	74	63	50	33
-	6SP30-9	9.2	12.5		103	100	95	89	83	71	56	37
-	6SP30-10	9.2	12.5		114	111	106	99	92	79	62	41
-	6SP30-12	11	15		137	133	127	119	110	95	74	49
-	6SP30-14	13	17.5		160	155	148	139	129	110	87	57
-	6SP30-16	15	20		183	177	169	159	147	126	99	65
-	6SP30-18	18.5	25		206	199	190	179	165	142	111	73
-	6SP30-20	18.5	25		229	221	211	199	184	158	124	81
-	6SP30-22	22	30		252	243	232	219	202	173	136	89
-	6SP30-24	22	30	275	266	254	239	221	189	149	98	
-	6SP30-27	26	35	309	299	285	268	248	213	167	110	
-	6SP30-29	26	35	332	321	306	288	266	228	179	118	
-	6SP30-32	30	40	366	354	338	318	294	252	198	130	
-	6SP30-34	30	40	389	376	359	338	312	268	210	138	

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min													
1 ~ 220 - 240V	3 ~ 380 - 415V	kW	HP	Q m³/h l/min	0	6	12	18	24	30	36	42	48	54	60	66	
					0	100	200	300	400	500	600	700	800	900	1000	1100	
6SPM46-2	6SP46-2	3	4	H(m)	27	26	26	25	23	22	20	18	16	14	11	7	
6SPM46-3	6SP46-3	5.5	7.5		40	39	38	37	35	32	30	27	24	21	16	11	
-	6SP46-4	7.5	10		54	52	51	49	46	43	40	36	32	28	22	14	
-	6SP46-5	7.5	10		67	66	64	62	58	54	50	46	41	35	27	18	
-	6SP46-6	9.2	12.5		80	79	77	74	70	65	60	55	49	41	32	22	
-	6SP46-7	11	15		94	92	90	86	81	76	70	64	57	48	38	25	
-	6SP46-8	13	17.5		107	105	102	98	93	86	80	73	65	55	43	29	
-	6SP46-9	15	20		121	118	115	111	104	97	90	82	73	62	49	32	
-	6SP46-10	15	20		134	131	128	123	116	108	100	91	81	69	54	36	
-	6SP46-11	18.5	25		147	144	141	135	128	119	110	100	89	76	59	40	
-	6SP46-12	18.5	25		161	157	154	148	139	130	120	109	97	83	65	43	
-	6SP46-13	22	30		174	170	166	160	151	140	130	118	105	90	70	47	
-	6SP46-14	22	30		188	183	179	172	162	151	140	127	113	97	76	50	
-	6SP46-16	26	35		214	210	205	197	186	173	160	146	130	110	86	58	
-	6SP46-18	30	40	241	236	230	221	209	194	180	164	146	124	97	65		
-	6SP46-20	30	40	268	262	256	246	232	216	200	182	162	138	108	72		



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY																	
1 ~ 220 - 240V	3 ~ 380 - 415V	kW	HP	Q		n≈2850 1/min															
				m ³ /h	l/min	0	6	12	18	24	30	36	42	48	54	60	66	72	78		
						0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300		
6SPM60-3	6SP60-3	5.5	7.5	H(m)		42	42	42	41	39	36	33	31	29	26	23	20	16	11		
-	6SP60-4	7.5	10		56	56	56	55	52	48	44	41	38	35	31	26	21	15			
-	6SP60-5	9.2	12.5		70	70	69	68	65	60	55	52	48	44	39	33	26	18			
-	6SP60-6	11	15		84	84	83	82	78	72	66	62	58	53	47	40	31	22			
-	6SP60-7	13	17.5		98	98	97	95	91	84	77	72	67	62	55	46	36	25			
-	6SP60-8	15	20		112	112	111	109	104	96	89	83	77	71	63	53	42	29			
-	6SP60-9	18.5	25		126	125	125	123	116	108	100	93	87	79	70	60	47	33			
-	6SP60-10	18.5	25		140	139	139	136	129	120	111	103	96	88	78	66	52	36			
-	6SP60-11	22	30		154	153	153	150	142	132	122	113	106	97	86	73	57	40			
-	6SP60-12	22	30		168	167	167	164	155	144	133	124	116	106	94	80	62	44			
-	6SP60-13	26	35		182	181	180	177	168	156	144	134	125	115	102	86	67	47			
-	6SP60-14	26	35		196	195	194	191	181	168	155	144	135	123	109	93	73	51			
-	6SP60-15	30	40		210	209	208	204	194	180	166	155	144	132	117	99	78	54			
-	6SP60-16	30	40		224	223	222	218	207	192	177	165	154	141	125	106	83	58			

6SR

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: 0.25%
 Minimum well diameter: 6"

Motor and Pump

Rewindable motor
Single-phase: 220 - 240V/50Hz
Three-phase: 380 - 415V/50Hz
 ① Direct start (1 cable)
 ② Star-delta start (2 cables)
 Equip with start control box or digital auto-control box
NEMA dimension standards
 Curve tolerance according to ISO 9906

Options on request

Special mechanical seal
 Other voltages or frequency 60Hz

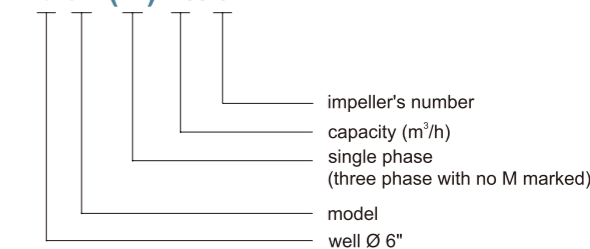
Warranty: 2 years

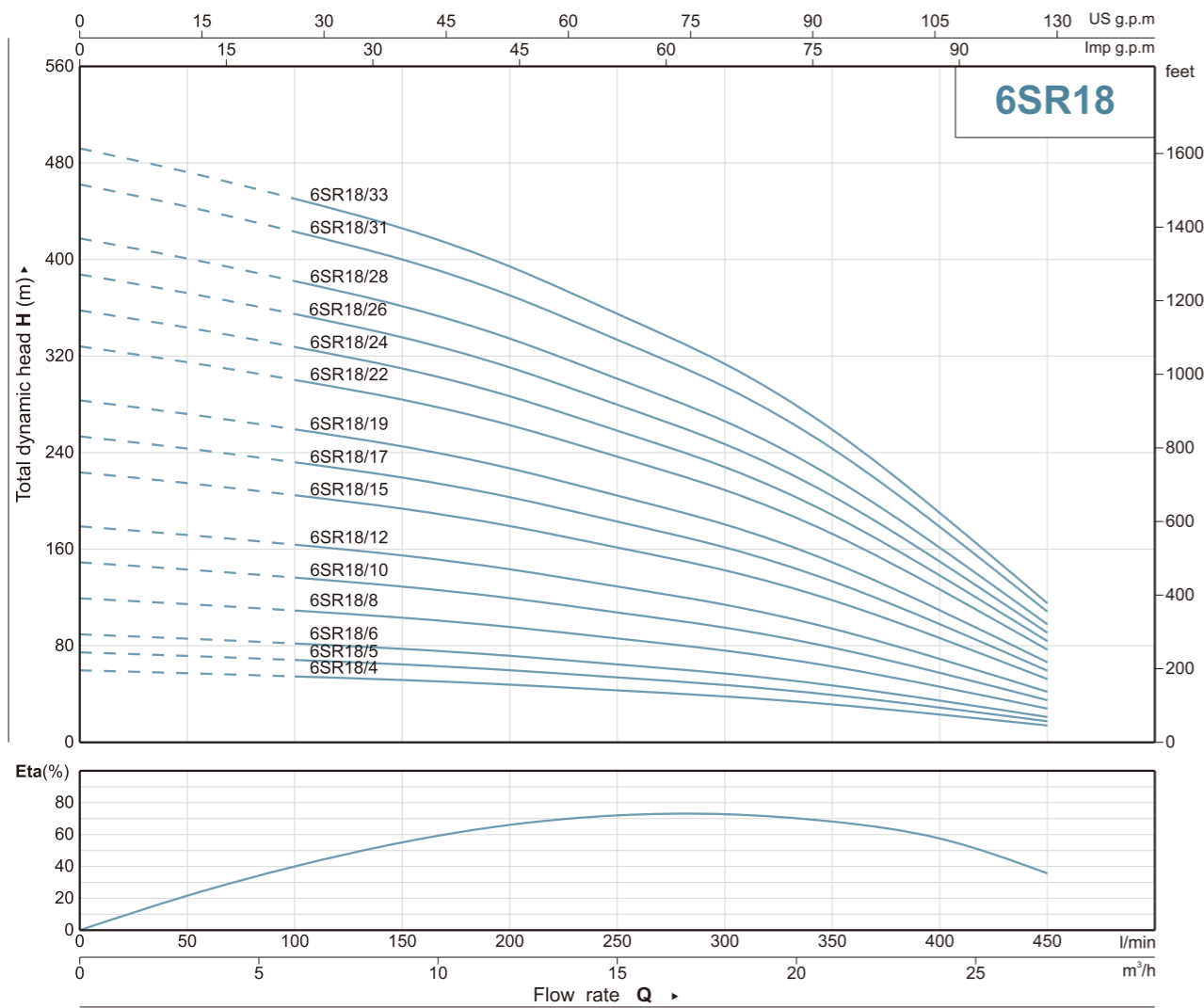
(according to our general sales conditions)



Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-iron ASTM N0.30
Suction lantern	Cast-iron ASTM N0.30
Diffuser	Plastic.PC & AISI 304 SS
Impeller	Plastic.PC
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM N0.30
Bottom support	Cast-iron ASTM N0.30
Seal	NBR Graphite-SIC/TC
Shaft	AISI 304 SS-ASTM 5140

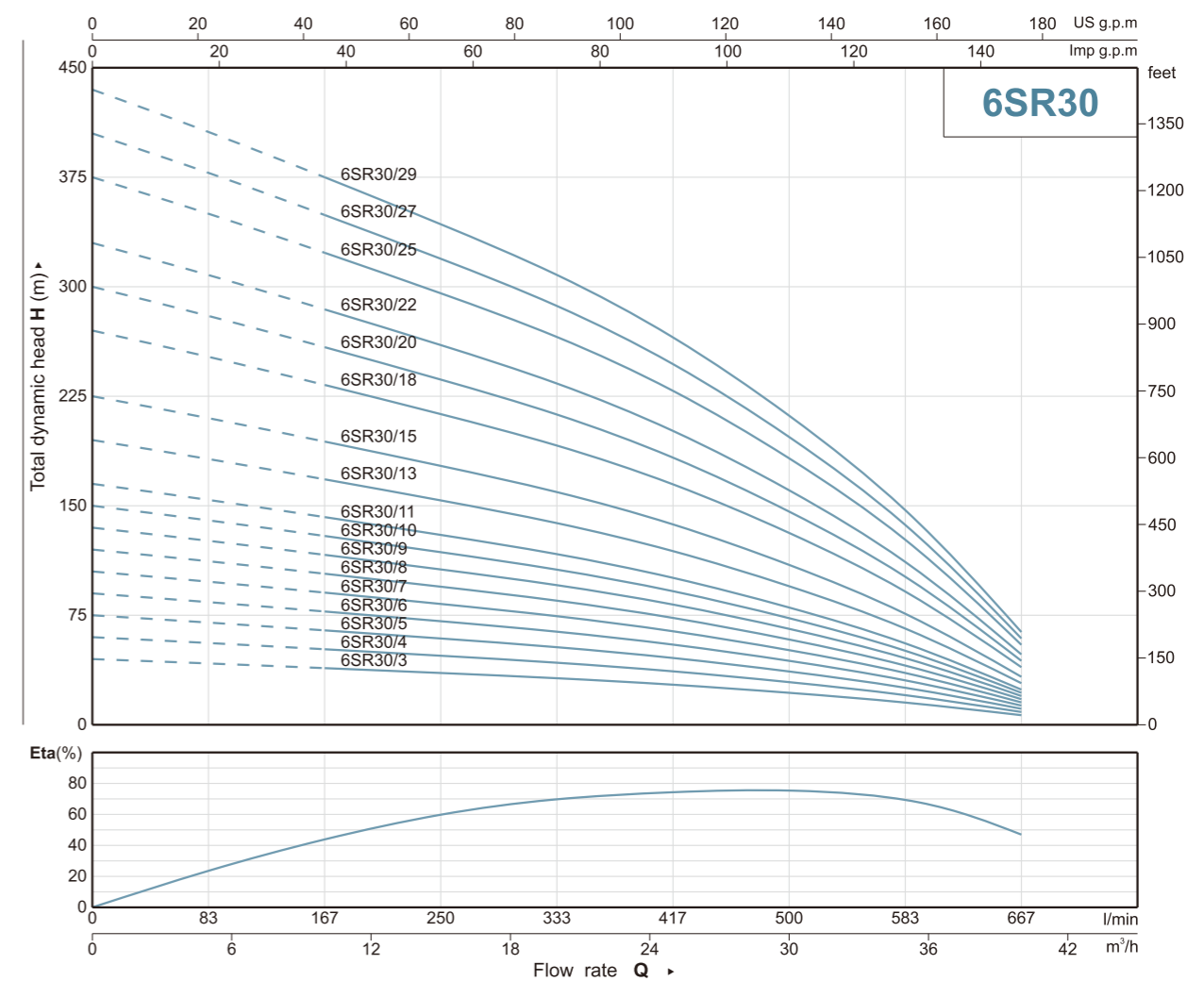
6 SR(M) 18/6





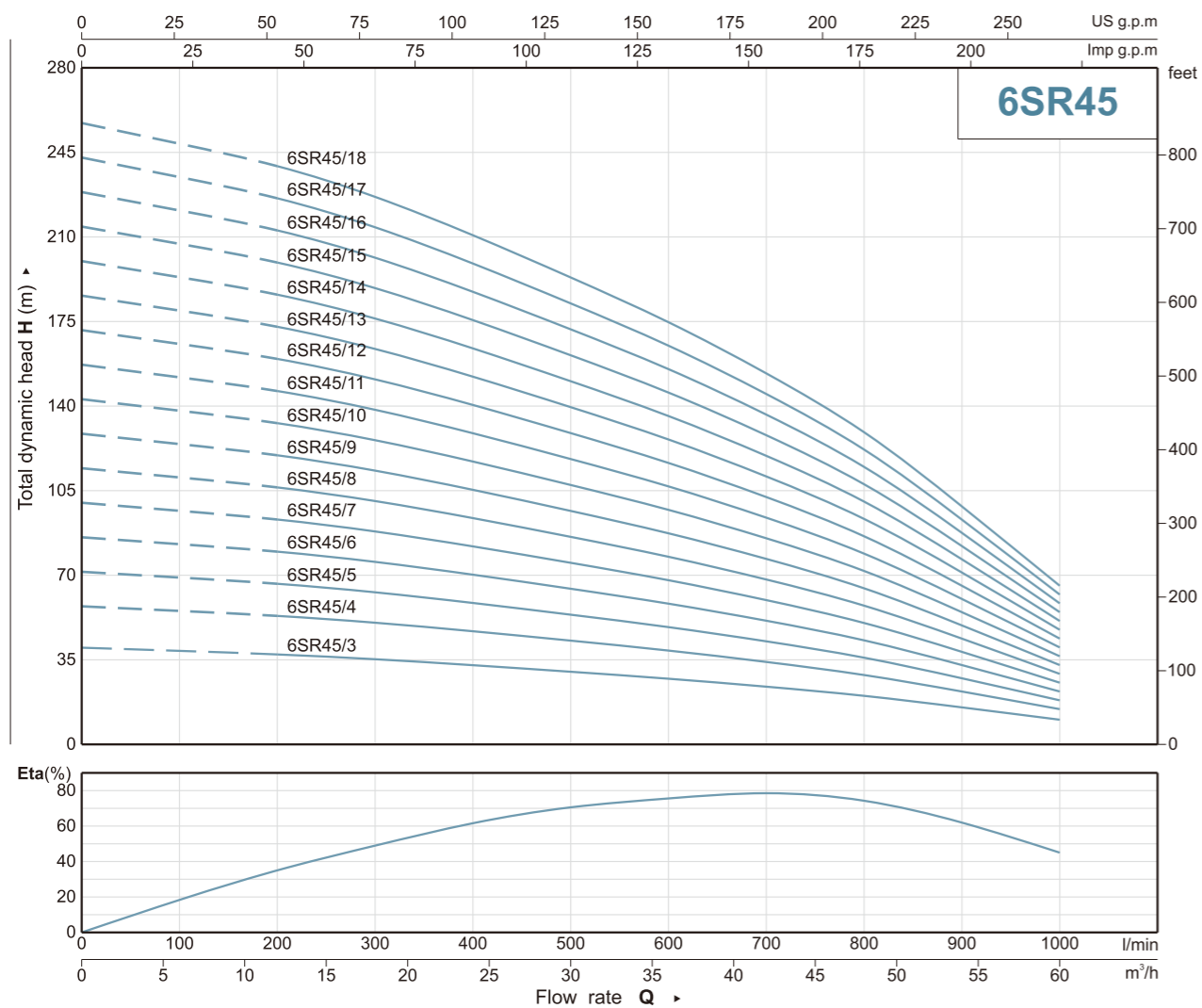
PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m³/h l/min	0	3	6	9	12	15	18	21	24	27
					0	50	100	150	200	250	300	350	400	450
6SRM18/4	6SR18/4	3	4	H(m)	60	57	55	52	48	43	38	31	23	14
6SRM18/5	6SR18/5	3	4		75	72	68	64	60	54	48	39	29	17
6SRM18/6	6SR18/6	4	5.5		89	86	82	77	72	65	57	47	34	21
6SRM18/8	6SR18/8	5.5	7.5		119	114	109	103	96	86	76	63	46	28
-	6SR18/10	7.5	10		149	143	136	129	119	108	95	78	57	35
-	6SR18/12	9.2	12.5		179	172	164	155	143	129	114	94	69	42
-	6SR18/15	11	15		224	215	205	193	179	161	143	118	86	52
-	6SR18/17	13	17.5		253	243	232	219	203	183	162	133	97	59
-	6SR18/19	15	20		283	272	259	245	227	204	181	149	109	66
-	6SR18/22	18.5	25		328	315	300	283	263	237	209	173	126	77
-	6SR18/24	18.5	25		358	343	327	309	287	258	228	188	137	84
-	6SR18/26	22	30		388	372	355	335	310	280	247	204	149	91
-	6SR18/28	22	30		417	400	382	361	334	301	266	220	160	98
-	6SR18/31	26	35		462	443	423	399	370	333	295	243	178	108
-	6SR18/33	26	35		492	472	450	425	394	355	314	259	189	115



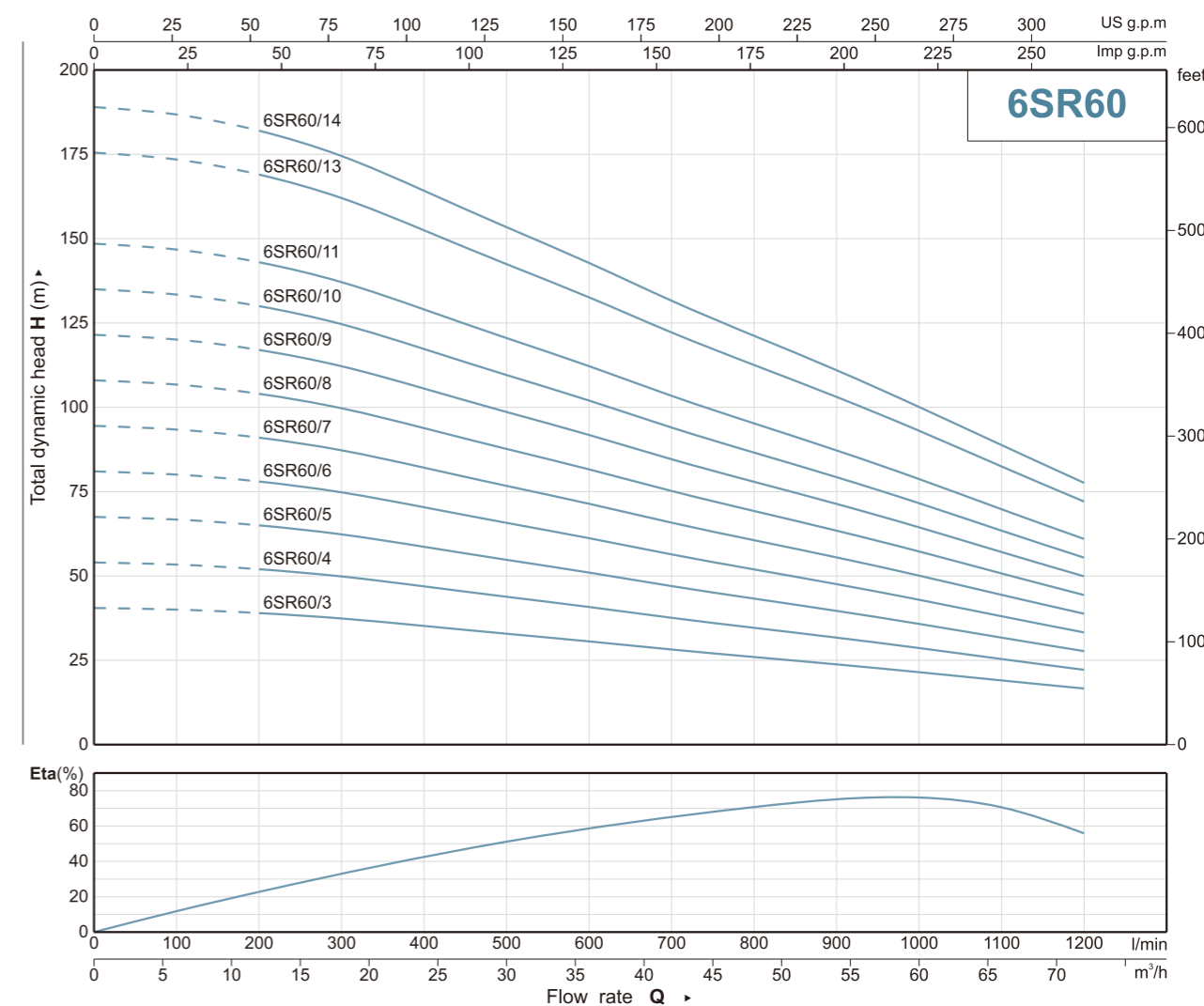
PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m³/h l/min	0	5	10	15	20	25	30	35	40	
					0	83	167	250	333	417	500	583	667	
6SRM30/3	6SR30/3	3	4	H(m)	45	42	39	36	32	28	22	15	6	
6SRM30/4	6SR30/4	4	5.5		60	56	52	48	42	37	29	20	8	
6SRM30/5	6SR30/5	5.5	7.5		75	70	65	60	53	46	36	25	10	
6SRM30/6	6SR30/6	5.5	7.5		90	84	78	72	63	55	44	30	12	
-	6SR30/7	7.5	10		105	98	91	84	74	64	51	35	14	
-	6SR30/8	7.5	10		120	112	103	95	84	73	58	41	16	
-	6SR30/9	9.2	12.5		135	126	116	107	95	83	65	46	18	
-	6SR30/10	11	15		150	140	129	119	106	92	73	51	20	
-	6SR30/11	11	15		165	154	142	131	116	101	80	56	22	
-	6SR30/13	13	17.5		195	182	168	155	137	119	95	66	26	
-	6SR30/15	15	20		225	210	194	179	158	138	109	76	30	
-	6SR30/18	18.5	25		270	252	233	215	190	165	131	91	36	
-	6SR30/20	22	30		300	280	259	239	211	183	146	101	40	
-	6SR30/22	22	30		330	308	284	262	232	202	160	112	44	
-	6SR30/25	26	35		375	350	323	298	264	229	182	127	50	
-	6SR30/27	30	40	405	378	349	322	285	248	196	137	54		
-	6SR30/29	30	40	435	406	375	346	306	266	211	147	58		



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m³/h l/min	0	6	12	18	24	30	36	42	48	54	60	
					0	100	200	300	400	500	600	700	800	900	1000	
6SRM45/3	6SR45/3	4	5.5	H(m)	43	41	40	38	35	32	29	26	22	16	11	
6SRM45/4	6SR45/4	5.5	7.5		57	55	53	50	47	43	39	34	29	22	15	
-	6SR45/5	7.5	10		71	69	66	63	58	54	48	43	36	27	18	
-	6SR45/6	9.2	12.5		86	83	80	76	70	64	58	51	43	33	22	
-	6SR45/7	11	15		100	97	93	88	82	75	68	60	50	38	26	
-	6SR45/8	11	15		114	110	106	101	94	86	78	68	58	44	29	
-	6SR45/9	13	17.5		129	124	120	113	105	97	87	77	65	49	33	
-	6SR45/10	15	20		143	138	133	126	117	107	97	85	72	54	36	
-	6SR45/11	18.5	25		157	152	146	139	129	118	107	94	79	60	40	
-	6SR45/12	18.5	25		172	166	160	151	140	129	116	103	86	65	44	
-	6SR45/13	22	30		186	179	173	164	152	140	126	111	94	71	47	
-	6SR45/14	22	30		200	193	186	176	164	150	136	120	101	76	51	
-	6SR45/15	26	35		215	207	200	189	176	161	145	128	108	82	55	
-	6SR45/16	26	35		229	221	213	202	187	172	155	137	115	87	58	
-	6SR45/17	30	40		243	235	226	214	199	183	165	145	122	93	62	
-	6SR45/18	30	40		257	248	239	227	211	194	175	154	130	98	66	



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min													
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m³/h l/min	0	6	12	18	24	30	36	42	48	54	60	66	72
					0	100	200	300	400	500	600	700	800	900	1000	1100	1200
6SRM60/3	6SR60/3	5.5	7.5	H(m)	41	40	39	37	35	33	31	28	26	24	22	19	17
-	6SR60/4	7.5	10		54	53	52	50	47	44	41	38	34	32	29	26	22
-	6SR60/5	11	15		68	67	65	62	59	55	51	47	43	40	36	32	28
-	6SR60/6	13	17.5		81	80	78	75	70	66	61	57	51	48	43	39	33
-	6SR60/7	15	20		95	93	91	87	82	76	71	66	60	55	50	45	39
-	6SR60/8	18.5	25		108	107	104	100	94	87	82	75	69	63	58	51	45
-	6SR60/9	18.5	25		122	120	117	112	105	98	92	85	77	71	65	58	50
-	6SR60/10	22	30		135	134	130	125	117	109	102	94	86	79	72	64	56
-	6SR60/11	26	35		149	147	143	138	129	120	112	104	94	87	79	71	61
-	6SR60/13	30	40		176	174	169	163	152	142	133	123	111	103	94	84	72
-	6SR60/14	30	40		189	187	182	175	164	153	143	132	120	111	101	90	78

6SQ

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 +50°C
 Maximum sand content: 0.5%
 Minimum well diameter: 6"

Motor and Pump

Rewindable motor or
Single-phase: 220 - 240V/50Hz
Three-phase: 380 - 415V/50Hz
 ① Direct start (1 cable)
 ② Star-delta start (2 cables)
 Equip with start control box or digital auto-control box
NEMA dimension standards
 Curve tolerance according to ISO 9906

Options on request

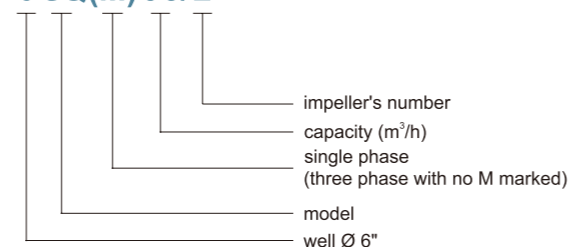
Special mechanical seal
 Other voltages or frequency 60Hz

Warranty: 2 years

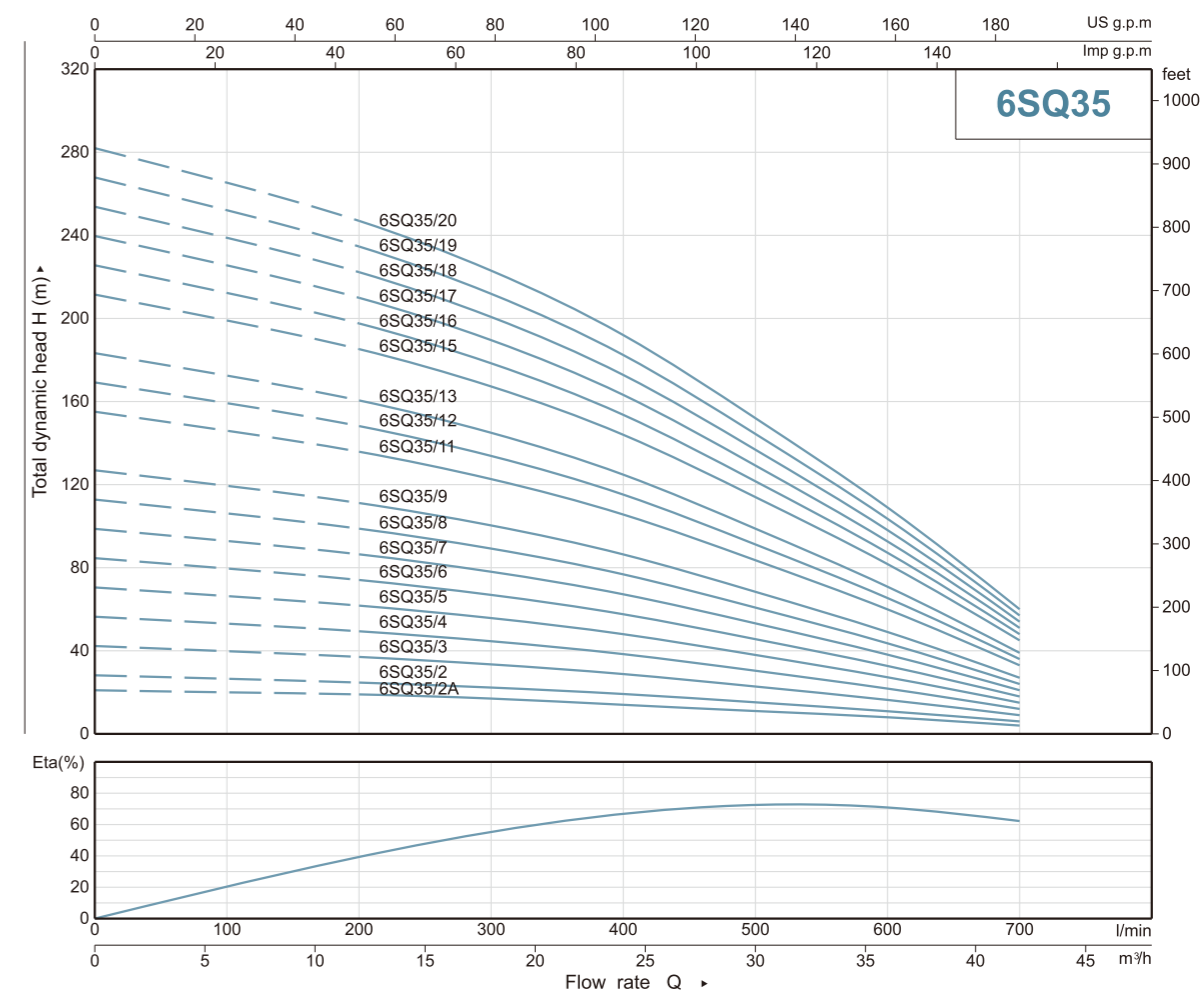
(according to our general sales conditions)



6 SQ(M) 35/2

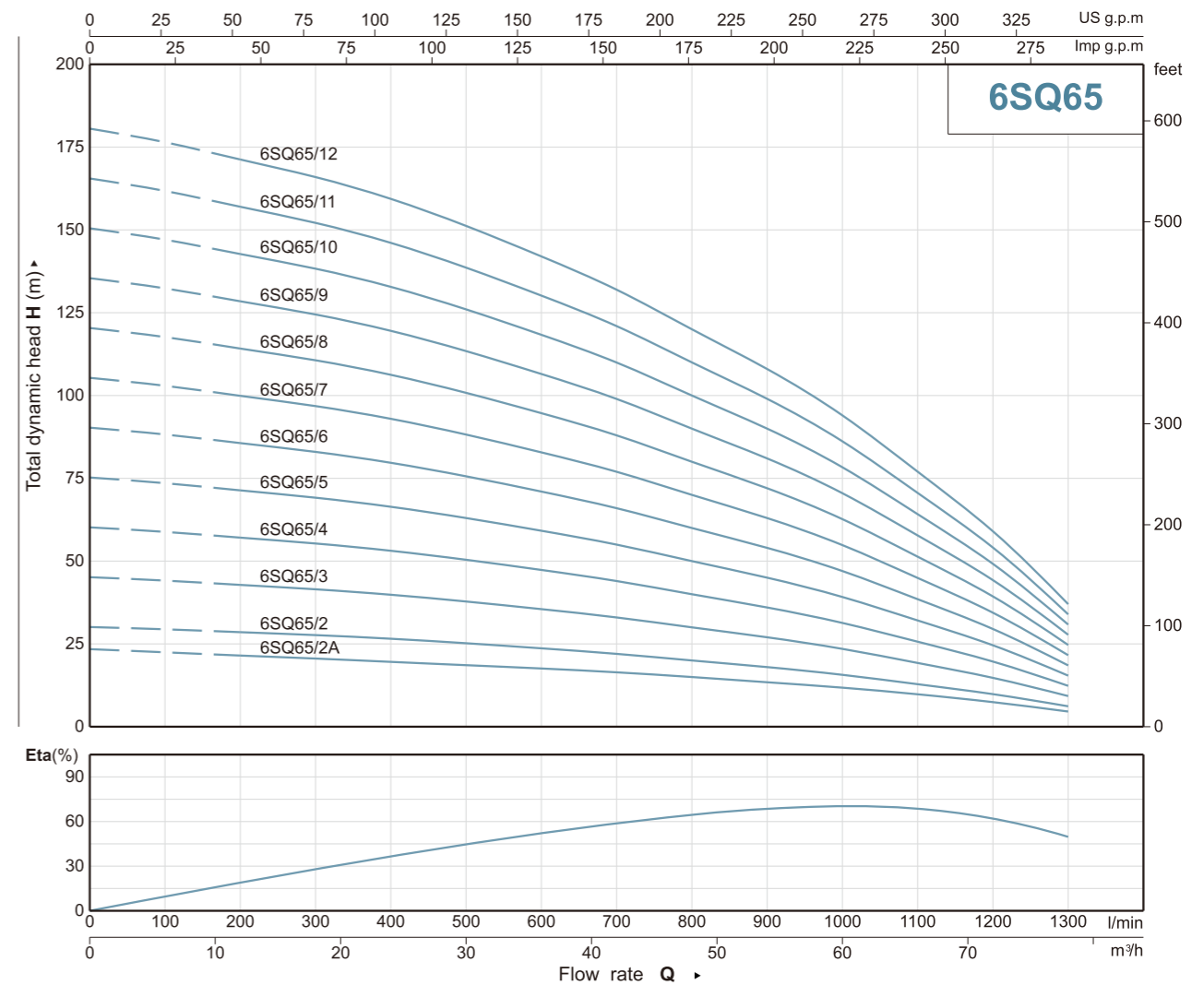
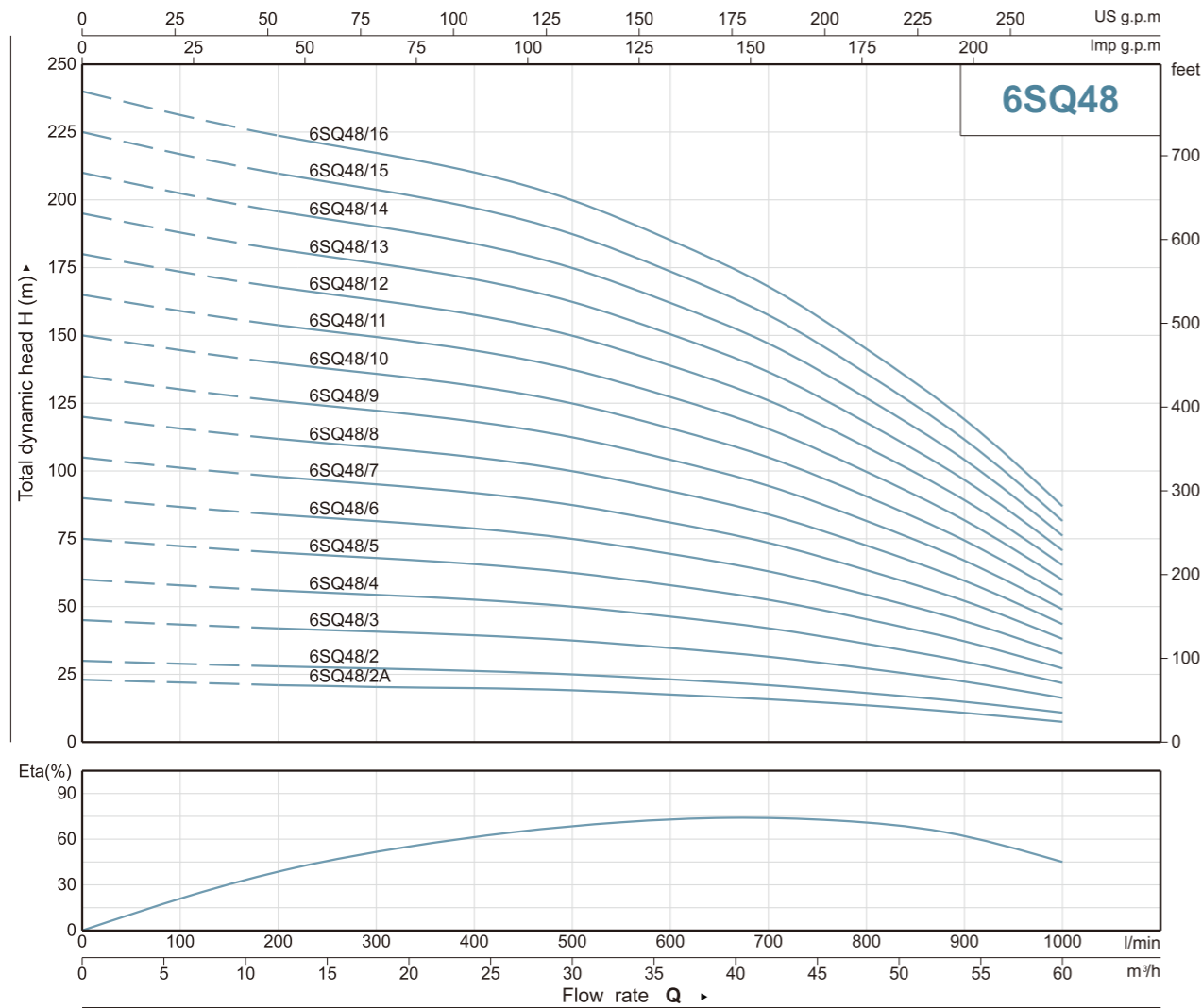


Components	Material
Delivery casing	Cast-iron ASTM N0.30
Check valve	①AISI 304 SS ②AISI 316 SS
Suction lantern	Cast-iron ASTM N0.30
Stage casing	Cast-iron ASTM N0.30
Impeller	①Cast-iron ASTM N0.30
	②AISI 304 SS
Shaft	AISI 431 SS
Shaft coupling	AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM N0.30
Bottom support	Cast-iron ASTM N0.30
Seal	NBR Graphite-SIC/TC
Shaft	AISI 304 SS-ASTM 5140



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY								
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	n≈2850 1/min							
					m ³ /h l/min	0	6	12	18	24	30	36
6SQM35/2A	6SQ35/2A	2.2	3	H(m)	21	20	19	17	14	11	8	4
6SQM35/2	6SQ35/2	3	4		28	26	25	22	19	15	11	6
6SQM35/3	6SQ35/3	4	5.5		42	40	37	33	29	23	16	9
6SQM35/4	6SQ35/4	5.5	7.5		56	53	49	45	38	30	22	12
-	6SQ35/5	7.5	10		71	66	62	56	48	38	27	15
-	6SQ35/6	7.5	10		85	80	74	67	58	46	33	18
-	6SQ35/7	9.2	12.5		99	93	86	78	67	53	38	21
-	6SQ35/8	11	15		113	106	99	89	77	61	44	24
-	6SQ35/9	13	17.5		127	119	111	100	86	68	49	27
-	6SQ35/11	15	20		155	146	136	123	106	84	60	33
-	6SQ35/12	18.5	25		169	159	148	134	115	91	65	36
-	6SQ35/13	18.5	25		183	172	161	145	125	99	71	39
-	6SQ35/15	22	30		212	199	185	167	144	114	82	45
-	6SQ35/16	22	30		226	212	198	178	154	122	87	48
-	6SQ35/17	26	35		240	225	210	190	163	129	93	51
-	6SQ35/18	26	35		254	239	222	201	173	137	98	54
-	6SQ35/19	30	40	268	252	235	212	182	144	104	57	
-	6SQ35/20	30	40	282	265	247	223	192	152	109	60	



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min													
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q m³/h l/min	0	6	12	18	24	30	36	42	48	54	60		
					0	100	200	300	400	500	600	700	800	900	1000		
6SQM48/2A	6SQ48/2A	3	4	H(m)	23	22	21	20	20	19	17	16	14	11	8		
6SQM48/2	6SQ48/2	4	5.5		30	29	28	27	26	25	23	21	18	15	11		
6SQM48/3	6SQ48/3	5.5	7.5		45	43	42	41	39	37	35	32	27	22	16		
-	6SQ48/4	7.5	10		60	58	56	54	52	50	46	42	36	30	22		
-	6SQ48/5	11	15		75	72	70	68	66	63	58	53	45	37	27		
-	6SQ48/6	13	17.5		90	87	84	81	79	75	69	63	54	45	33		
-	6SQ48/7	15	20		105	101	98	95	92	88	81	74	63	52	38		
-	6SQ48/8	18.5	25		120	116	112	109	105	100	93	84	73	60	44		
-	6SQ48/9	22	30		135	130	126	122	118	113	104	95	82	67	49		
-	6SQ48/10	22	30		150	144	140	136	131	125	116	105	91	74	54		
-	6SQ48/11	26	35		165	159	154	149	144	138	127	116	100	82	60		
-	6SQ48/12	26	35		180	173	168	163	158	150	139	126	109	89	65		
-	6SQ48/13	30	40		195	188	182	176	171	163	150	137	118	97	71		
-	6SQ48/14	30	40		210	202	196	190	184	175	162	147	127	104	76		
-	6SQ48/15	37	50		225	217	210	203	197	188	173	158	136	112	82		
-	6SQ48/16	37	50		240	231	224	217	210	200	185	168	145	119	87		

PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min																	
3~ 380 - 415V	kW	HP	Q m³/h l/min	0	6	12	18	24	30	36	42	48	54	60	66	72	78				
				0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300				
6SQ65/2A	4	5.5	H(m)	23	22	21	21	20	19	18	16	15	13	12	10	7	5				
6SQ65/2	5.5	7.5		30	29	28	28	26	25	24	22	20	18	16	13	10	6				
6SQ65/3	7.5	10		45	44	43	41	40	38	35	33	30	27	23	19	15	9				
6SQ65/4	11	15		60	59	57	55	53	50	47	44	40	36	31	26	20	12				
6SQ65/5	15	20		75	73	71	69	66	63	59	55	50	45	39	32	25	15				
6SQ65/6	18.5	25		90	88	85	83	79	75	71	66	60	54	47	38	29	18				
6SQ65/7	22	30		106	103	100	97	93	88	83	77	70	63	55	45	34	22				
6SQ65/8	22	30		121	117	114	111	106	101	95	88	80	72	63	51	39	25				
6SQ65/9	26	35		136	132	128	124	119	113	106	99	90	81	70	58	44	28				
6SQ65/10	30	40		151	147	142	138	132	126	118	110	100	90	78	64	49	31				
6SQ65/11	37	50		166	161	157	152	146	138	130	121	110	99	86	71	54	34				
6SQ65/12	37	50		181	176	171	166	159	151	142	132	120	108	94	77	59	37				

5YS

Applications

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

Operating conditions

Speed: 2850rpm
Insulation class: F
Protection grade: IP 68
Maximum fluid temperature up to +35°C
Minimum well diameter: 5"

Motor and Pump

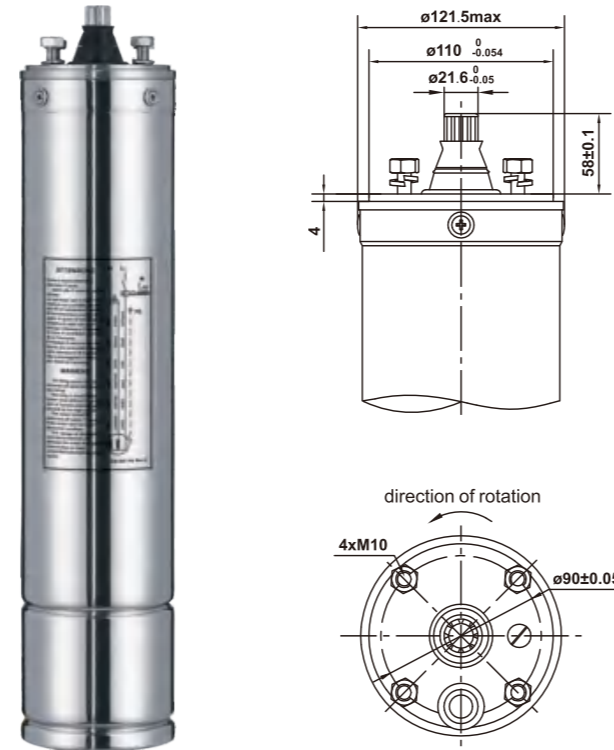
Rewindable motor
Single-phase: 220 - 240V/50Hz
Three-phase: 380 - 415V/50Hz
Equip with start control box or digital auto-control box

Options on request

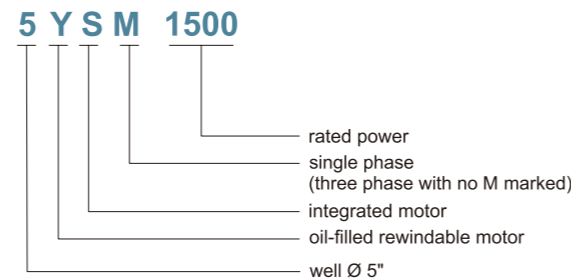
Special mechanical seal
Other voltages or frequency 60Hz

Warranty: 2 years

(according to our general sales conditions)

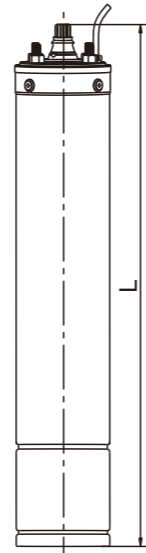


Components	Material
Motor external casing	AISI 304 SS
Top chock	①Cast-iron ASTM N0.30
	②Cast-Cu ASTM C85500
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



PERFORMANCE DATA 50Hz

MODEL	P ₂		n ≈ 2850 1/min						
	kW	HP	Voltage (V)	Ph	In (A)	cosφ	η (%)	L (mm)	Weight (kg)
5YSM1500	1.5	2	220-240V	1	11.5	0.93	65	465	16.4
5YSM2200	2.2	3			16.4	0.93	66	500	19.6
5YSM3000	3	4			21.9	0.93	67	540	22.3
5YS1500	1.5	2	380-415V	3	4.7	0.77	70	465	16.4
5YS2200	2.2	3			6.1	0.78	72	500	19.6
5YS3000	3	4			8.3	0.79	73	540	22.3
5YS4000	4	5.5			10.5	0.79	74	600	27.1
5YS5500	5.5	7.5			13.2	0.80	75	670	32.5
5YS7500	7.5	10			17.7	0.80	76	770	38.5
5YS11000	11	15			24.9	0.82	78	880	45.6



6YS

Applications

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

Operating conditions

Speed: 2850rpm
Insulation class: F
Protection grade: IP 68
Maximum fluid temperature up to +35°C
Minimum well diameter: 6"

Motor and Pump

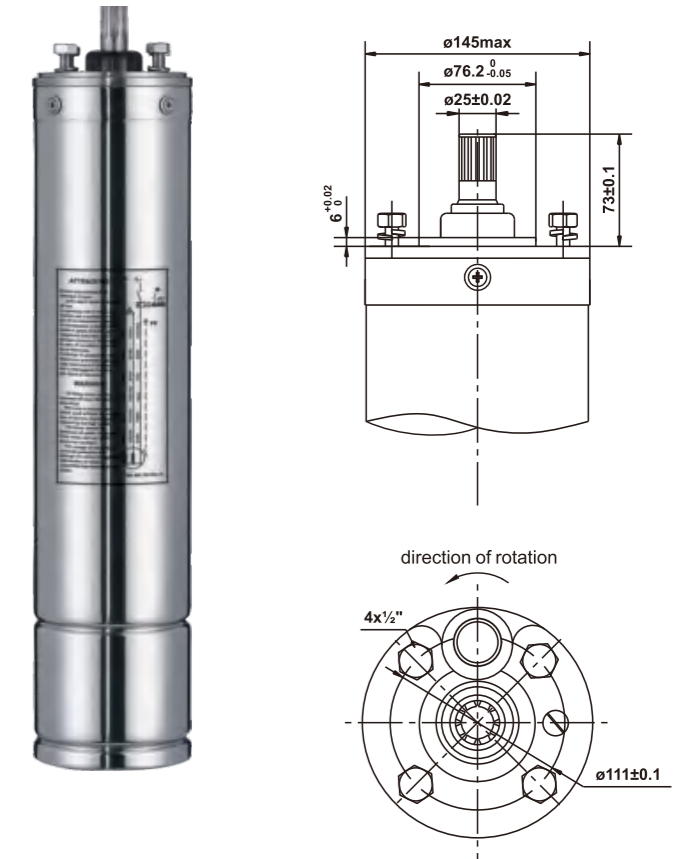
Rewindable motor
Single-phase: 220 - 240V/50Hz
Three-phase: 380 - 415V/50Hz
Equip with start control box or digital auto-control box
NEMA dimension standards

Options on request

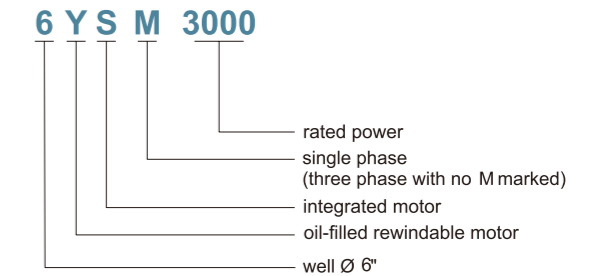
Special mechanical seal
Other voltages or frequency 60Hz

Warranty: 2 years

(according to our general sales conditions)

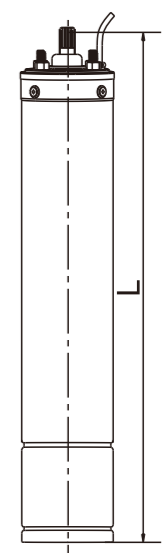


Components	Material
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM N0.30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well(Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



PERFORMANCE DATA 50Hz

MODEL	P ₂		n ≈ 2850 1/min						
	kW	HP	Voltage (V)	Ph	In (A)	cosφ	η (%)	L (mm)	Weight (kg)
6YSM3000	3	4	220-240V	1	22.5	0.93	67	563	25.1
6YSM4000	4	5.5			29.5	0.93	68	603	28.9
6YSM5500	5.5	7.5			37.5	0.93	69	653	33.9
6YS3000	3	4	380-415V	3	7.8	0.80	74	563	25.1
6YS4000	4	5.5			10.0	0.80	75	603	28.9
6YS5500	5.5	7.5			13.7	0.80	76	653	33.9
6YS7500	7.5	10			17.3	0.81	76	708	40.2
6YS9200	9.2	12.5			21.3	0.81	77	763	46.5
6YS11000	11	15			25.1	0.82	78	818	53.5
6YS15000	15	20			31.6	0.83	79	965	67.7



6YC

Applications

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

Operating conditions

Speed: 2850rpm
Insulation class: F
Protection grade: IP 68
Maximum fluid temperature up to +35°C
Minimum well diameter: 6"

Motor and Pump

Rewindable motor
Single-phase: 220 - 240V/50Hz
Three-phase: 380 - 415V/50Hz

- ① Direct start (1 cable)
- ② Star-delta start (2 cables)

Equip with start control box or digital auto-control box

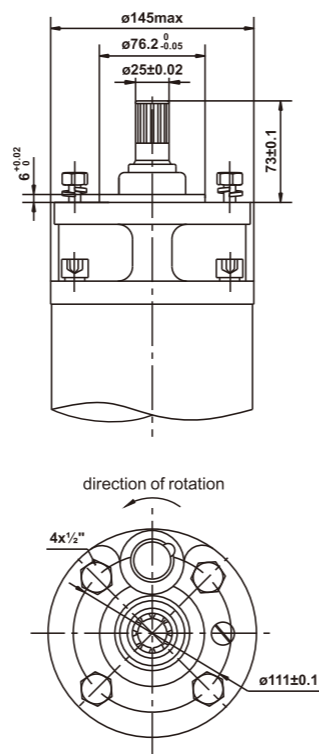
NEMA dimension standards

Options on request

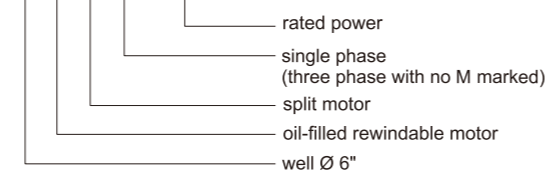
Special mechanical seal
Other voltages or frequency 60Hz

Warranty: 2 years

(according to our general sales conditions)



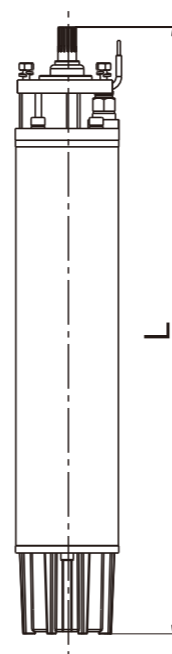
6 Y C M 2200



Components	Material
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM N0.30
Bottom support	Cast-iron ASTM N0.30
Seal	NBR Carbon-SIC/TC
Shaft	AISI 304 SS-ASTM 5140

PERFORMANCE DATA 50Hz

MODEL	P ₂		Voltage (V)	Ph	n ≈ 2850 1/min				
	kW	HP			In (A)	cosφ	η (%)	L (mm)	Weight (kg)
6YCM2200	2.2	3	220-240V	1	19	0.93	66	556	35.9
6YCM3000	3	4			21	0.93	67	586	38.8
6YCM4000	4	5.5			23	0.93	68	616	41.7
6YCM5500	5.5	7.5			25	0.93	69	666	46.5
6YC2200	2.2	3	380-415V	3	5.0	0.80	74	524	34.1
6YC3000	3	4			6.0	0.80	75	554	36.6
6YC4000	4	5.5			8.0	0.80	75	584	39.2
6YC5500	5.5	7.5			11.0	0.80	76	614	42.6
6YC7500	7.5	10			15.0	0.81	76.5	654	47.0
6YC9200	9.2	12.5			18.5	0.81	77	704	52.7
6YC11000	11	15			21.5	0.82	78	754	58.3
6YC13000	13	17.5			25.5	0.82	78	804	63.9
6YC15000	15	20			29.0	0.83	79	854	69.5
6YC18500	18.5	25			35.5	0.83	79	934	80.9
6YC22000	22	30			42.0	0.83	80	1014	91.6
6YC26000	26	35			49.0	0.84	80	1094	102.3
6YC30000	30	40			57.0	0.84	81	1174	113.0
6YC37000	37	50			72.0	0.84	82	1299	125.0



6HC

Applications

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

Operating conditions

Speed: 2850rpm
Insulation class: F
Protection grade: IP 68
Maximum fluid temperature up to +35°C
Minimum well diameter: 6"

Motor and Pump

Rewindable motor
Three-phase: 380 - 415V/50Hz

- ① Direct start (1 cable)
- ② Star-delta start (2 cables)

Equip with start control box or digital auto-control box

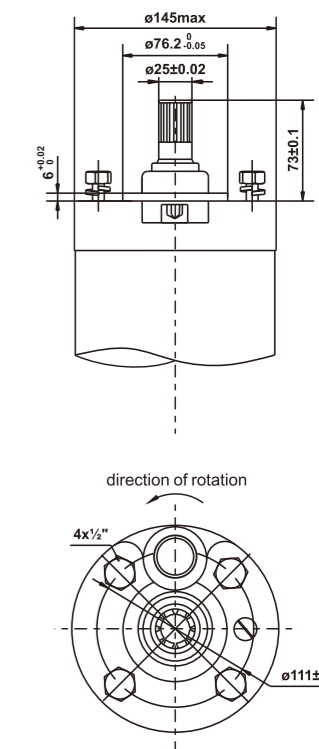
NEMA dimension standards

Options on request

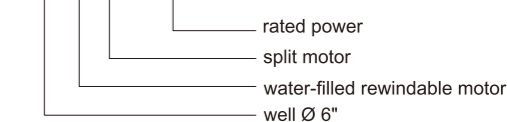
Special mechanical seal
Other voltages or frequency 60Hz

Warranty: 2 years

(according to our general sales conditions)



6 H C 3000



Components	Material
Motor external casing	AISI 304 SS
Top chock	Cast-iron ASTM N0.30
Bottom support	Cast-iron ASTM N0.30
Seal	NBR Carbon-SIC/TC
Shaft	AISI 304 SS-AISI 420
Thrust bearing	AISI420
Radial bearing	Carbon with antimony

PERFORMANCE DATA 50Hz

MODEL	P ₂		Voltage (V)	Ph	n ≈ 2850 1/min				
	kW	HP			In (A)	cosφ	η (%)	L (mm)	Weight (kg)
6HC3000	3	4	380-415V	3	7.8	0.78	74	679	36.9
6HC4000	4	5.5			10.5	0.79	76	739	41.2
6HC5500	5.5	7.5			14.0	0.8	76.5	779	44.8
6HC7500	7.5	10			18.7	0.8	77	839	50.2
6HC9200	9.2	12.5			22.8	0.81	78	934	58.2
6HC11000	11	15			26.8	0.81	78.5	989	66.3
6HC13000	13	17.5			31.5	0.81	79.5	1044	70.4
6HC15000	15	20			36.1	0.81	80.5	1099	78.5
6HC18500	18.5	25			44.5	0.82	80.5	1186	90.5
6HC22000	22	30			49.3	0.82	81	1286	104
6HC26000	26	35			59.5	0.82	81	1386	117.5
6HC30000	30	40			67	0.84	81	1586	125.6

