



STERA
PUMP & MOTOR

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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

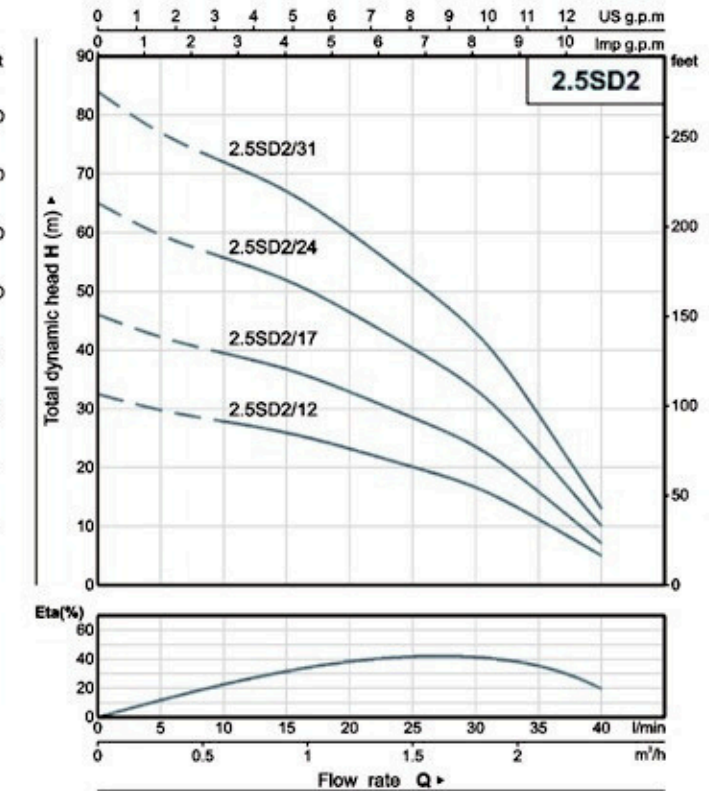
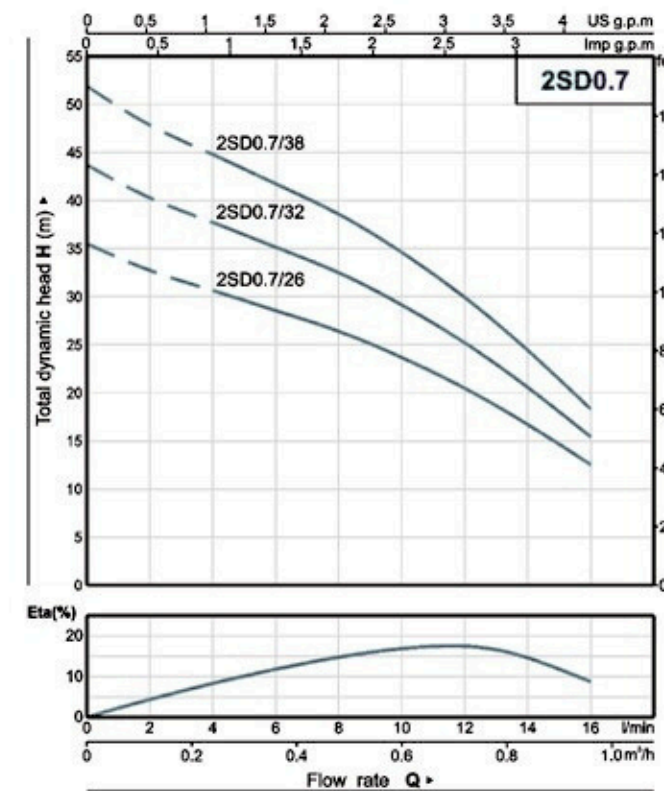
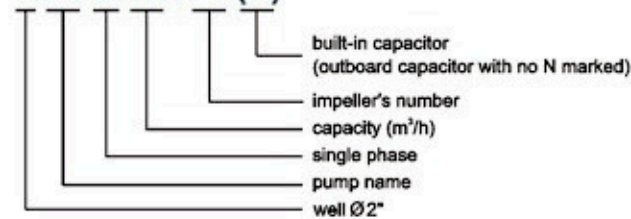
Special mechanical seal
Other voltages or frequency 60Hz
Single phase motor with built-in capacitor

Warranty: 1 Year
(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	① Cast-Cu ASTM C85500 ② Cast-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 pharmaceutical use.

2SDM0.7/26(N)



PERFORMANCE DATA 50Hz

MODEL	P ₂	DELIVERY	n≈2850 1/min
1~ 220 - 240V	kW HP	Q m³/h l/min	0 0.12 0.24 0.36 0.48 0.60 0.72 0.84 0.96
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

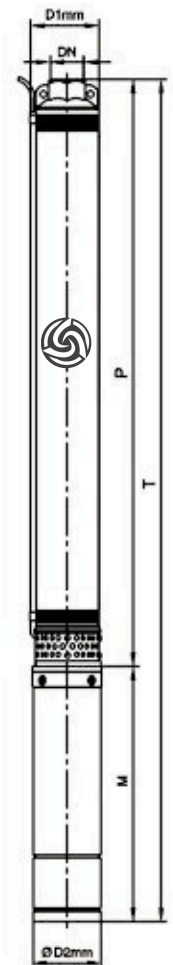
PERFORMANCE DATA 50Hz

MODEL	P ₂	DELIVERY	n≈2850 1/min
1~ 220 - 240V	kW HP	Q m³/h l/min	0 0.3 0.6 0.9 1.2 1.5 1.8 2.1 2.4
2.5SDM2/12	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

DIMENSION AND WEIGHT

MODEL	DN	DIMENSION(mm)	WEIGHT(kg)	PUMP
1~ 220 - 240V		P M T	P M T	D1 øD2
2SDM0.7/26	½" / ¾"	778 499 1277	2.0 4.3 6.3	51 ø50
2SDM0.7/32	½" / ¾"	942 499 1441	2.3 4.3 6.6	
2SDM0.7/38	½" / ¾"	1084 499 1583	2.6 4.3 6.9	
2.5SDM2/12	1"	437 445 882	3.3 6.9 10.2	66 ø65
2.5SDM2/17	1"	570 578 1148	3.8 7.6 11.4	
2.5SDM2/24	1"	779 787 1546	4.1 8.2 12.3	
2.5SDM2/31	1"	993 1001 1994	4.4 8.9 13.3	

* In the list M₁ is single phase motor, M₃ is three phase motor.



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"

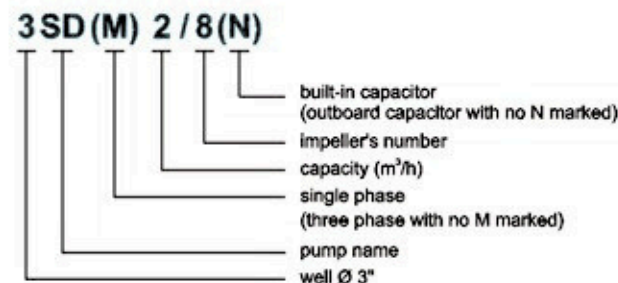
Motor and Pump

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

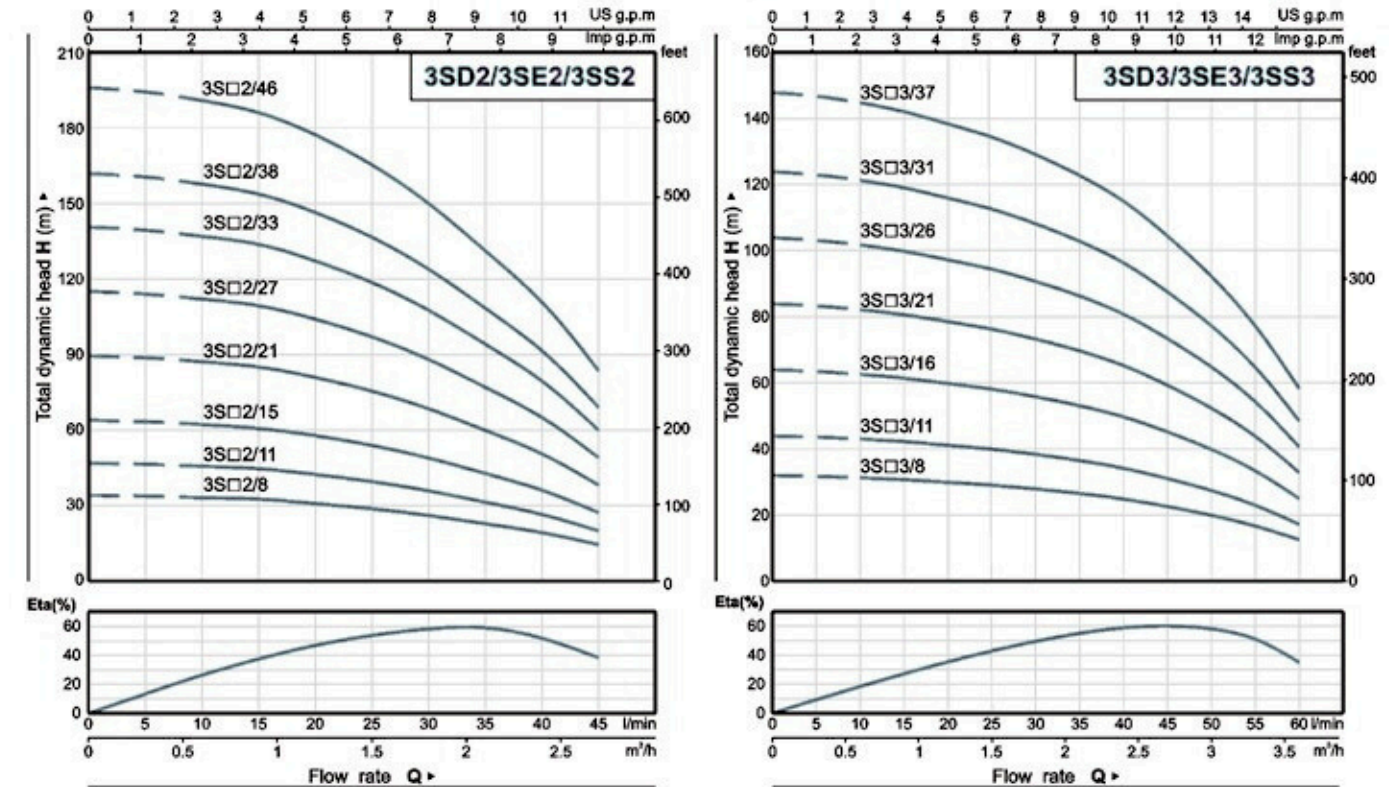
Options on request

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

Warranty: 1 Year
(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	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	① Cast-Cu ASTM C85500 ② Cast-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.



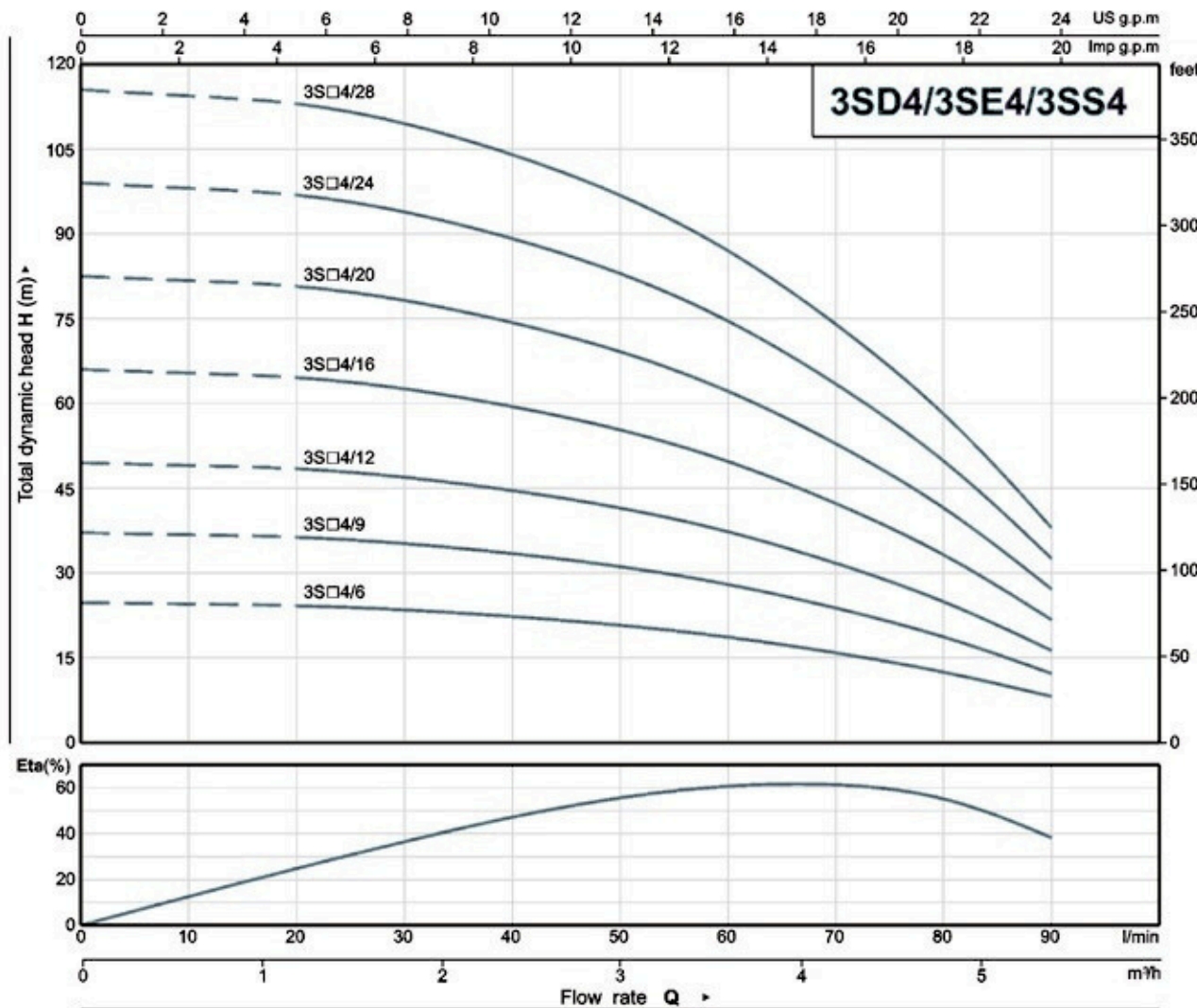
PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min														
1~	3~	kW	HP	Q	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7			
220 - 240V	380 - 415V				l/min	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	m ³ /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							
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	m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4
					l/min	0	10	20	30	40	50	60	70	80	90
3SD4/6	3SD4/6	0.25	0.33	H(m)	25	25	24	23	22	21	19	16	13	8	
3SD4/9	3SD4/9	0.37	0.5		37	37	36	35	33	32	28	24	19	12	
3SD4/12	3SD4/12	0.55	0.75		49	49	48	47	45	42	37	32	25	15	
3SD4/16	3SD4/16	0.75	1		66	66	65	62	59	56	50	42	34	21	
3SD4/20	3SD4/20	0.92	1.25		82	82	81	78	74	70	62	53	42	25	
3SD4/24	3SD4/24	1.1	1.5		99	99	97	93	89	84	75	63	51	31	
3SD4/28	3SD4/28	1.5	2		115	115	113	109	104	98	87	74	59	36	

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

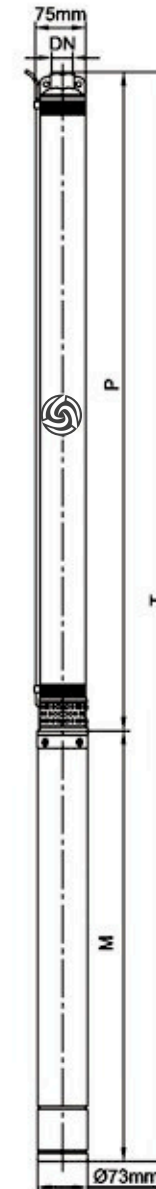
DIMENSION AND WEIGHT

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
3SD2/8	3SD2/8	1"1/4"11/2"	377	288	288	665	665	1.8	4.0	4.0	5.8	5.8
3SD2/11	3SD2/11	1"1/4"11/2"	444	308	288	752	752	2.1	4.8	4.0	6.9	6.1
3SD2/15	3SD2/15	1"1/4"11/2"	535	338	308	873	873	2.4	5.6	4.8	8.0	7.2
3SD2/21	3SD2/21	1"1/4"11/2"	694	368	338	1062	1032	3.2	6.4	5.6	9.6	8.8
3SD2/27	3SD2/27	1"1/4"11/2"	830	408	368	1238	1198	3.5	7.5	6.4	11.0	9.9
3SD2/33	3SD2/33	1"1/4"11/2"	966	448	408	1414	1375	4.3	8.7	7.5	13.0	11.8
3SD2/38	3SD2/38	1"1/4"11/2"	1101	493	448	1594	1549	4.9	10.0	8.7	14.9	13.6
3SD2/46	3SD2/46	1"1/4"11/2"	1306	543	493	1849	1799	5.8	11.3	10.0	17.1	15.8

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
3SD3/8	3SD3/8	1"1/4"11/2"	405	308	288	713	693	1.8	4.8	4.0	6.6	5.8
3SD3/11	3SD3/11	1"1/4"11/2"	483	338	308	821	791	2.1	5.6	4.8	7.7	6.9
3SD3/16	3SD3/16	1"1/4"11/2"	613	368	338	981	951	2.5	6.4	5.6	8.9	8.1
3SD3/21	3SD3/21	1"1/4"11/2"	768	408	368	1176	1136	3.2	7.5	6.4	10.7	9.6
3SD3/26	3SD3/26	1"1/4"11/2"	898	448	408	1346	1306	3.7	8.7	6.4	12.4	11.2
3SD3/31	3SD3/31	1"1/4"11/2"	1029	493	448	1522	1477	4.1	10.0	7.5	14.1	12.8
3SD3/37	3SD3/37	1"1/4"11/2"	1209	543	493	1752	1702	4.7	11.3	10.0	16.0	14.7

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
3SD4/6	3SD4/6	1"1/4"11/2"	397	308	288	705	685	1.7	4.8	4.0	6.6	5.7
3SD4/9	3SD4/9	1"1/4"11/2"	498	338	308	836	806	2.0	5.6	4.8	7.6	6.8
3SD4/12	3SD4/12	1"1/4"11/2"	599	368	338	967	937	2.3	6.4	5.6	8.7	7.9
3SD4/16	3SD4/16	1"1/4"11/2"	757	408	368	1165	1125	2.8	7.5	6.4	10.3	9.2
3SD4/20	3SD4/20	1"1/4"11/2"	892	448	408	1340	1300	3.4	8.7	7.5	12.1	10.9
3SD4/24	3SD4/24	1"1/4"11/2"	1026	493	448	1519	1474	3.9	10.0	8.7	13.9	12.6
3SD4/28	3SD4/28	1"1/4"11/2"	1184	543	493	1727	1677	4.3	11.3	10.0	15.6	14.3

• M(s) is single phase motor, M(T) is three phase motor.
• T(s) is single phase motor, T(T) is three phase motor.



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

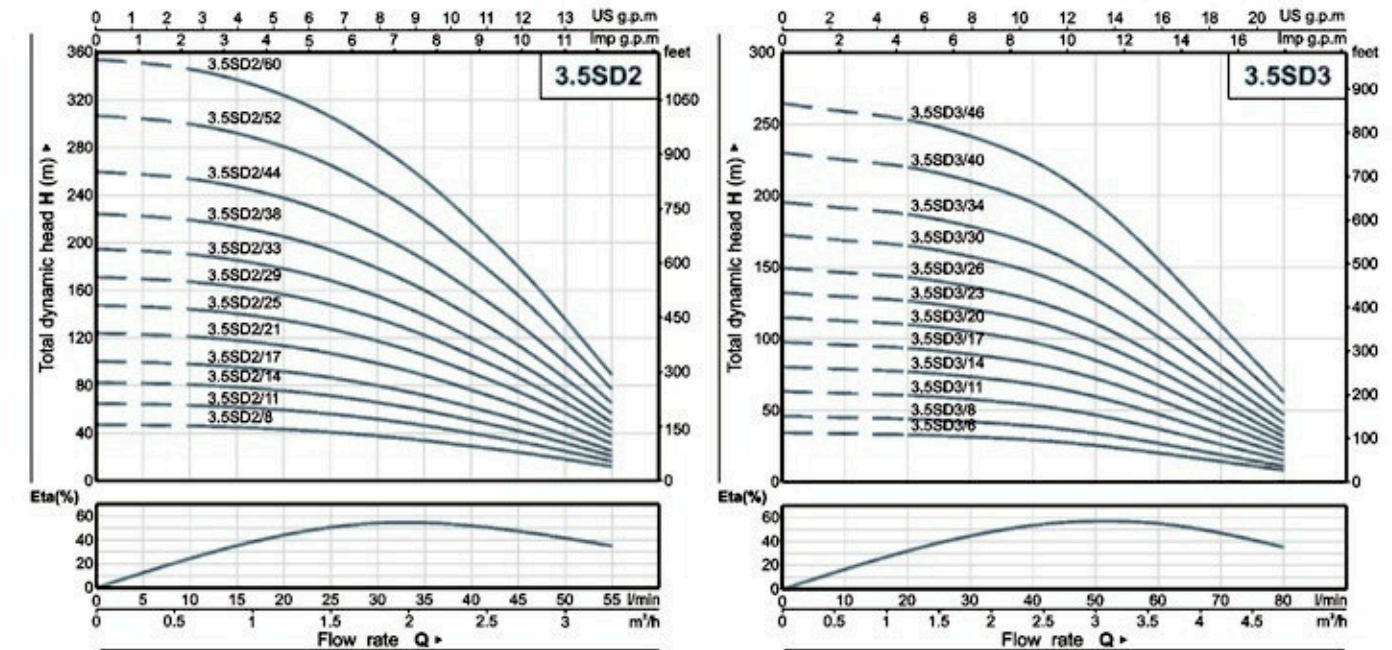
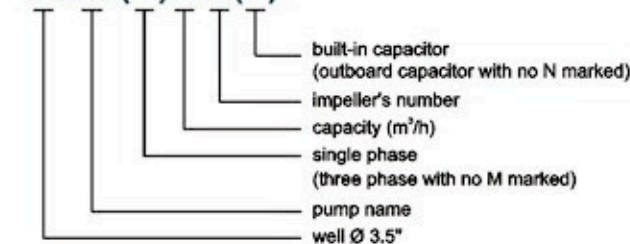
Warranty: 1 Year

(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	① Cast-Cu ASTM C85500 ② 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.

3.5SD(M) 2/8(N)

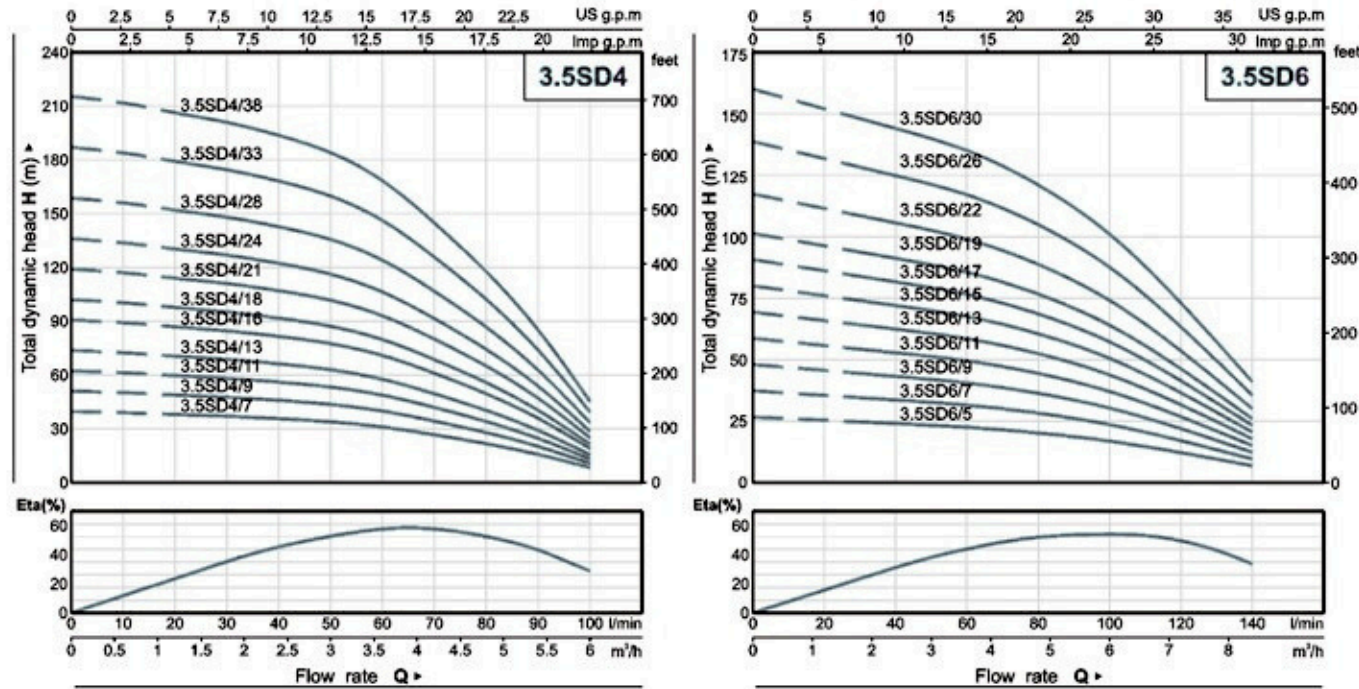


PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min															
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q 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	3.9	4.2
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 m³/h l/min	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8
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

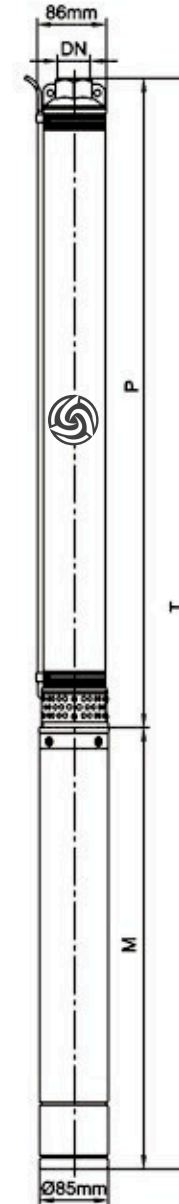


PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY													n≈2850 1/min				
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	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					
3.5SDM4/7	3.5SD4/7	0.37	0.5	H(m)	0	10	20	30	40	50	60	70	80	90	100						
3.5SDM4/9	3.5SD4/9	0.55	0.75		40	39	38	37	36	34	31	27	22	16	8						
3.5SDM4/11	3.5SD4/11	0.75	1		51	50	49	48	46	44	40	34	28	20	11						
3.5SDM4/13	3.5SD4/13	0.92	1.25		62	61	60	58	56	53	49	42	34	25	13						
3.5SDM4/16	3.5SD4/16	1.1	1.5		74	73	70	69	66	63	57	50	40	29	15						
3.5SDM4/18	3.5SD4/18	1.3	1.75		91	89	87	85	82	77	71	61	50	36	19						
3.5SDM4/21	3.5SD4/21	1.5	2		102	100	98	95	92	87	80	69	56	40	21						
3.5SDM4/24	3.5SD4/24	1.8	2.5		119	117	114	111	107	102	93	80	65	47	25						
-	3.5SD4/28	2.2	3		136	134	130	127	123	116	106	92	75	54	28						
-	3.5SD4/33	3	4		158	156	152	148	143	136	124	107	87	63	33						
-	3.5SD4/38	3.7	5		187	184	179	175	168	160	146	126	102	74	39						
						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	m ³ /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
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



DIMENSION AND WEIGHT

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(S)	M(T)	T(S)	T(T)	P	M(S)	M(T)	T(S)	T(T)
3.5SDM2/8	3.5SD2/8	1 1/2"	396	303	303	699	699	1.8	5.5	5.5	7.3	7.3
3.5SDM2/11	3.5SD2/11	1 1/2"	466	318	303	784	769	2.1	6.1	5.5	8.2	7.6
3.5SDM2/14	3.5SD2/14	1 1/2"	536	338	318	874	854	2.3	6.8	6.1	9.1	8.4
3.5SDM2/17	3.5SD2/17	1 1/2"	607	363	338	970	945	2.6	7.8	6.8	10.4	9.4
3.5SDM2/21	3.5SD2/21	1 1/2"	726	388	363	1114	1089	3.2	8.8	7.8	12.0	11.0
3.5SDM2/25	3.5SD2/25	1 1/2"	819	413	388	1232	1207	3.6	9.9	8.8	13.5	12.4
3.5SDM2/29	3.5SD2/29	1 1/2"	913	438	413	1351	1326	3.9	10.7	9.9	14.6	13.8
3.5SDM2/33	3.5SD2/33	1 1/2"	1007	463	438	1470	1445	4.3	11.8	10.7	16.1	15.0
3.5SDM2/38	3.5SD2/38	1 1/2"	1135	503	463	1638	1598	4.8	13.5	11.7	18.3	16.5
-	3.5SD2/44	1 1/2"	1303	-	503	-	1806	5.6	-	13.3	-	18.9
-	3.5SD2/52	1 1/2"	1493	-	581	-	2074	6.3	-	16.4	-	22.7
-	3.5SD2/60	1 1/2"	1682	-	633	-	2315	7.1	-	18.5	-	25.6
3.5SDM3/6	3.5SD3/6	1 1/2"	367	303	303	670	670	2.1	5.5	5.5	7.6	7.6
3.5SDM3/8	3.5SD3/8	1 1/2"	419	318	303	737	722	2.5	6.1	5.5	8.6	8.0
3.5SDM3/11	3.5SD3/11	1 1/2"	498	338	318	836	816	3.0	6.8	6.1	9.8	9.1
3.5SDM3/14	3.5SD3/14	1 1/2"	577	363	338	940	915	3.5	7.8	6.8	11.3	10.3
3.5SDM3/17	3.5SD3/17	1 1/2"	681	388	363	1069	1044	4.1	8.8	7.8	12.9	11.9
3.5SDM3/20	3.5SD3/20	1 1/2"	760	413	388	1173	1148	4.8	9.9	8.8	14.7	13.6
3.5SDM3/23	3.5SD3/23	1 1/2"	839	438	413	1277	1252	5.3	10.7	9.9	16.0	15.2
3.5SDM3/26	3.5SD3/26	1 1/2"	918	463	438	1381	1356	5.8	11.8	10.7	17.6	16.5
3.5SDM3/30	3.5SD3/30	1 1/2"	1023	503	463	1526	1486	6.3	13.5	11.7	19.8	18.0
-	3.5SD3/34	1 1/2"	1129	-	503	-	1632	7.0	-	13.3	-	20.3
-	3.5SD3/40	1 1/2"	1312	-	568	-	1880	7.7	-	15.9	-	23.6
-	3.5SD3/46	1 1/2"	1470	-	633	-	2103	8.5	-	18.5	-	27.0
3.5SDM4/7	3.5SD4/7	1 1/2"	413	318	303	731	716	2.3	6.1	5.5	8.4	7.8
3.5SDM4/9	3.5SD4/9	1 1/2"	471	338	318	809	789	2.7	6.8	6.1	9.5	8.8
3.5SDM4/11	3.5SD4/11	1 1/2"	529	363	338	892	867	3.0	7.8	6.8	10.8	9.8
3.5SDM4/13	3.5SD4/13	1 1/2"	587	388	363	975	950	3.4	8.8	7.8	12.2	11.2
3.5SDM4/16	3.5SD4/16	1 1/2"	700	413	388	1113	1088	3.9	9.9	8.8	13.8	12.7
3.5SDM4/18	3.5SD4/18	1 1/2"	758	438	413	1196	1171	4.2	10.7	9.9	14.9	14.1
3.5SDM4/21	3.5SD4/21	1 1/2"	845	463	438	1308	1283	5.0	11.8	10.7	16.8	15.7
3.5SDM4/24	3.5SD4/24	1 1/2"	933	503	463	1436	1396	6.2	13.5	11.7	19.7	17.9
-	3.5SD4/28	1 1/2"	1049	-	503	-	1552	7.4	-	13.3	-	20.7
-	3.5SD4/33	1 1/2"	1220	-	568	-	1788	8.9	-	15.9	-	24.8
-	3.5SD4/38	1 1/2"	1366	-	633	-	1999	10.4	-	18.5	-	28.9
3.5SDM6/5	3.5SD6/5	1 1/2"	383	318	303	701	686	1.5	6.1	5.5	7.6	7.0
3.5SDM6/7	3.5SD6/7	1 1/2"	453	338	318	791	771	1.7	6.8	6.1	8.5	7.8
3.5SDM6/9	3.5SD6/9	1 1/2"	523	363	338	886	861	1.9	7.8	6.8	9.7	8.7
3.5SDM6/11	3.5SD6/11	1 1/2"	593	388	363	981	956	2.1	8.8	7.8	10.9	9.9
3.5SDM6/13	3.5SD6/13	1 1/2"	688	413	388	1101	1076	2.2	9.9	8.8	12.1	11.0
3.5SDM6/15	3.5SD6/15	1 1/2"	758	438	413	1196	1171	2.4	10.7	9.9	13.1	12.3
3.5SDM6/17	3.5SD6/17	1 1/2"	826	463	438	1291	1266	2.6	11.8	10.7	14.4	13.3
3.5SDM6/19	3.5SD6/19	1 1/2"	897	503	463	1400	1360	3.0	13.5	11.7	16.5	14.7
-	3.5SD6/22	1 1/2"	1002	-	503	-	1505	3.3	-	13.3	-	16.6
-	3.5SD6/26	1 1/2"	1142	-	568	-	1710	3.7	-	15.9	-	19.6
-	3.5SD6/30	1 1/2"	1307	-	633	-	1940	4.0	-	18.5	-	22.5

- M(S) is single phase motor, M(T) is three phase motor.
- T(S) is single phase motor, T(T) is three phase motor.

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

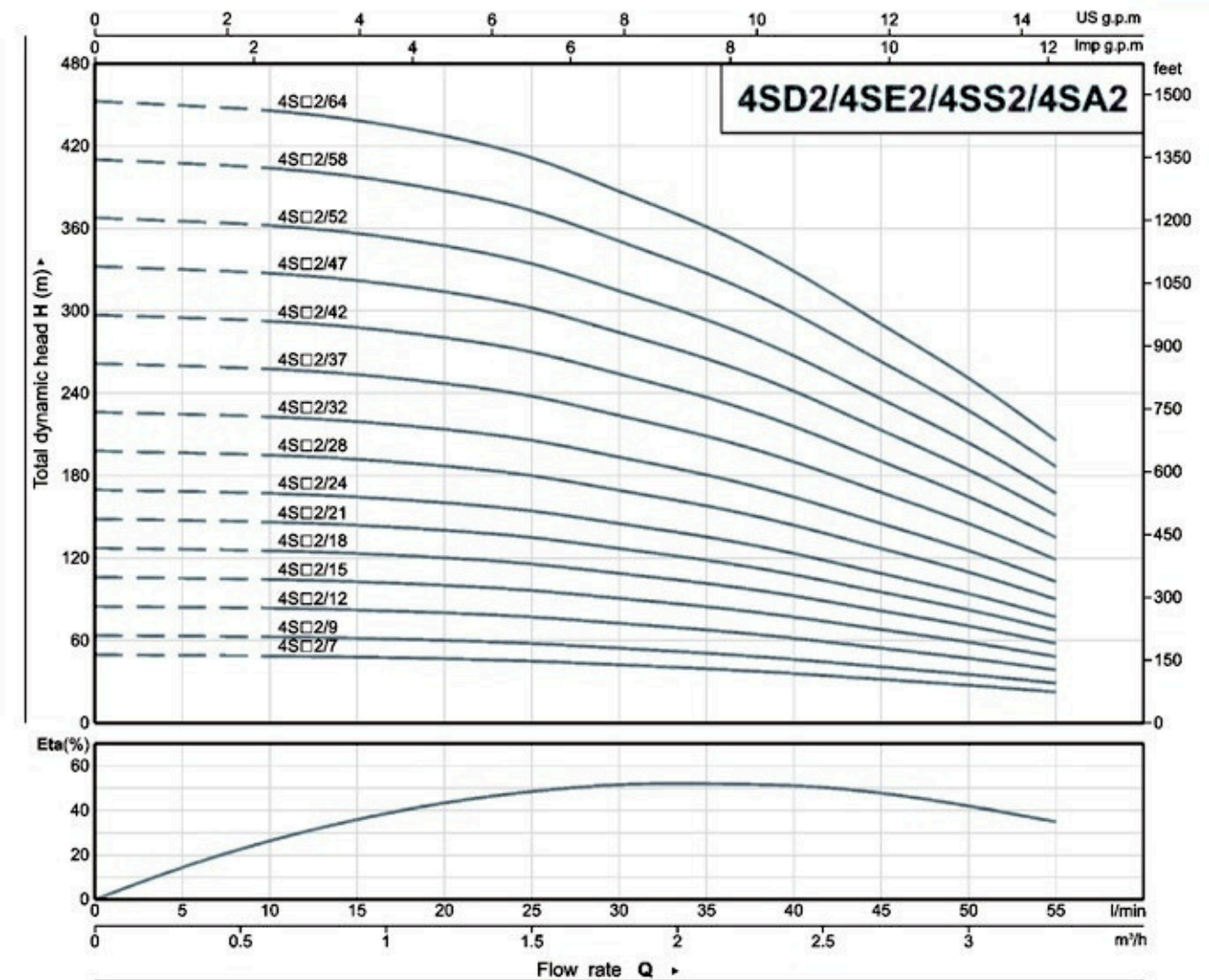
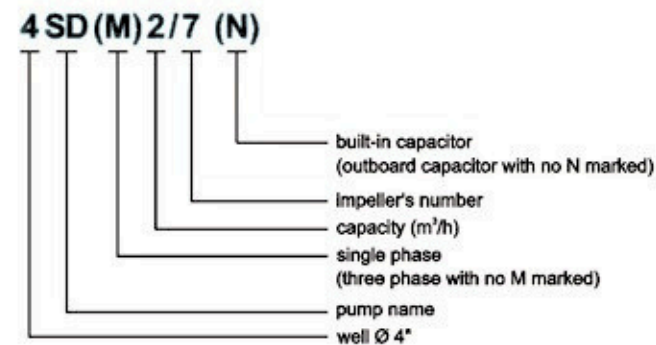
Options on request

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

Warranty: 1 Year
(according to our general sales conditions)



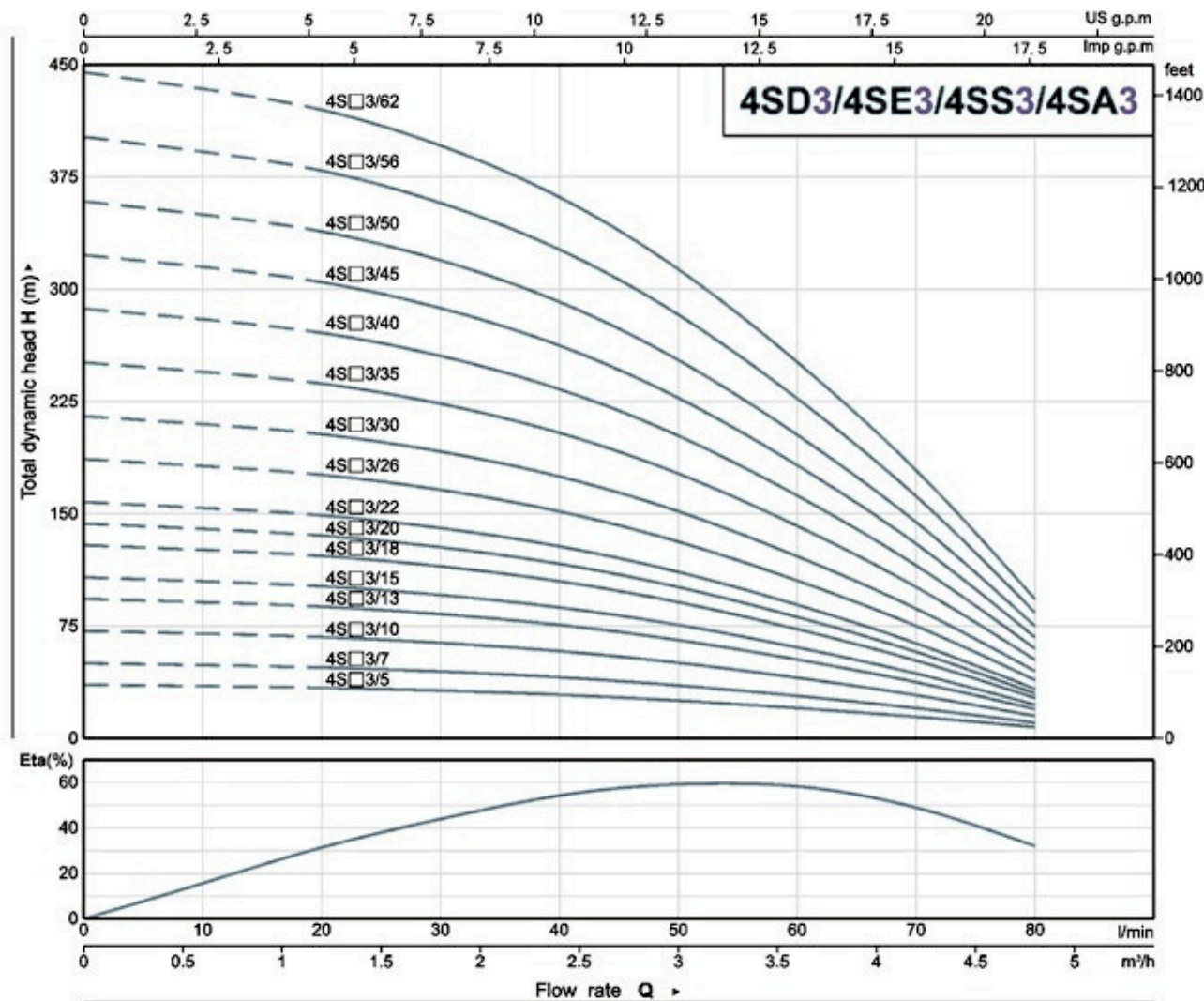
Components	Material
Pump external casing	AISI 304 SS
Delivery casing	①Cast-Cu ASTM C85500 ②AISI 304 SS
Suction lantern	①Cast-Cu ASTM C85500 ②AISI 304 SS
Diffuser	Plastic, PC
Impeller	Plastic, POM
Shaft	AISI 304 SS
Shaft coupling	AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500 ②AISI 420 SS 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 pharmaceutic use.



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY																
1~	3~	kW	HP	Q	n≈2850 1/min															
220 - 240V	380 - 415V				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			
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				

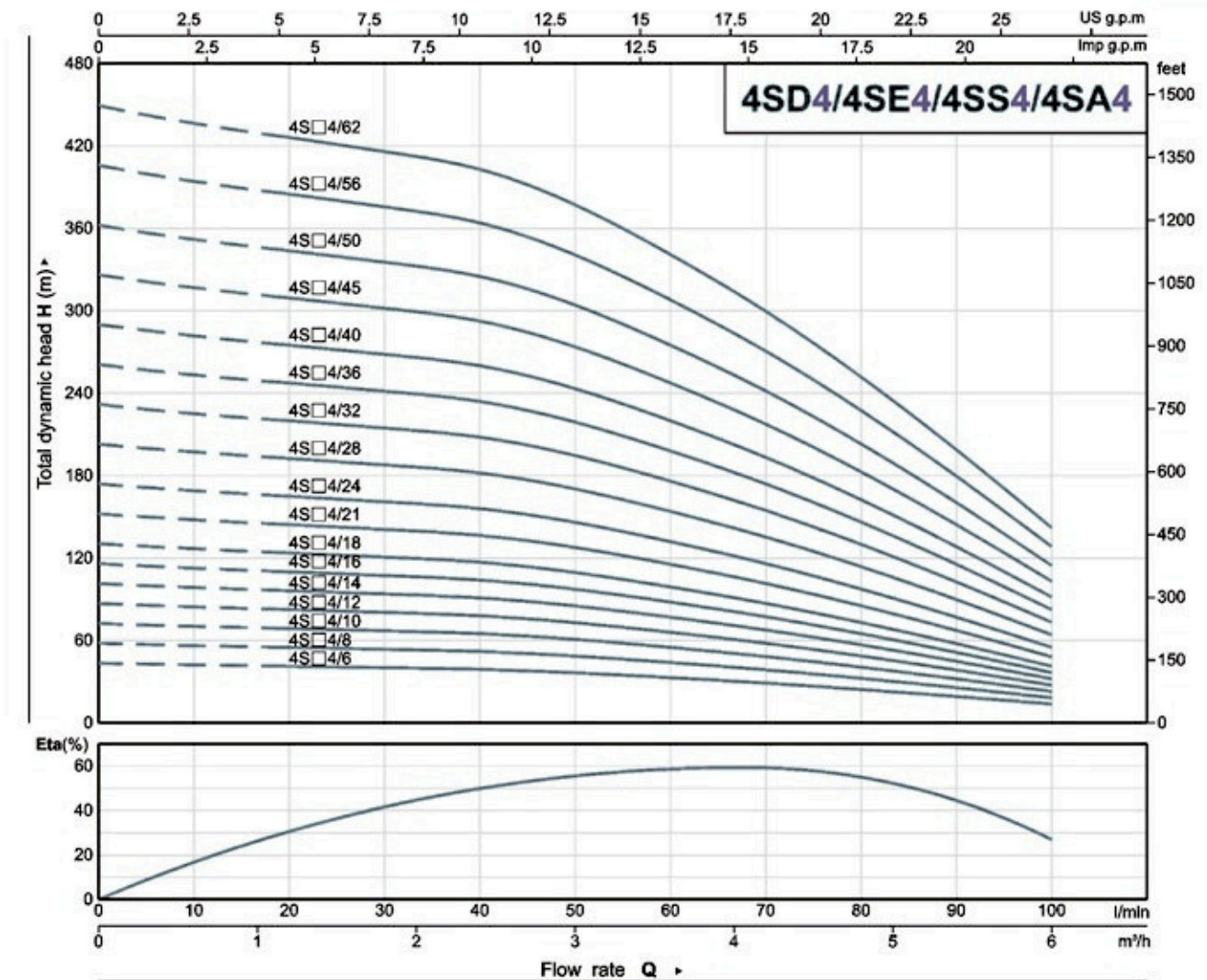
• 4S□ in the above table can be replaced by any of 4SD, 4SE, 4SS, 4SA



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY											n≈2850 1/min			
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m ³ /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				

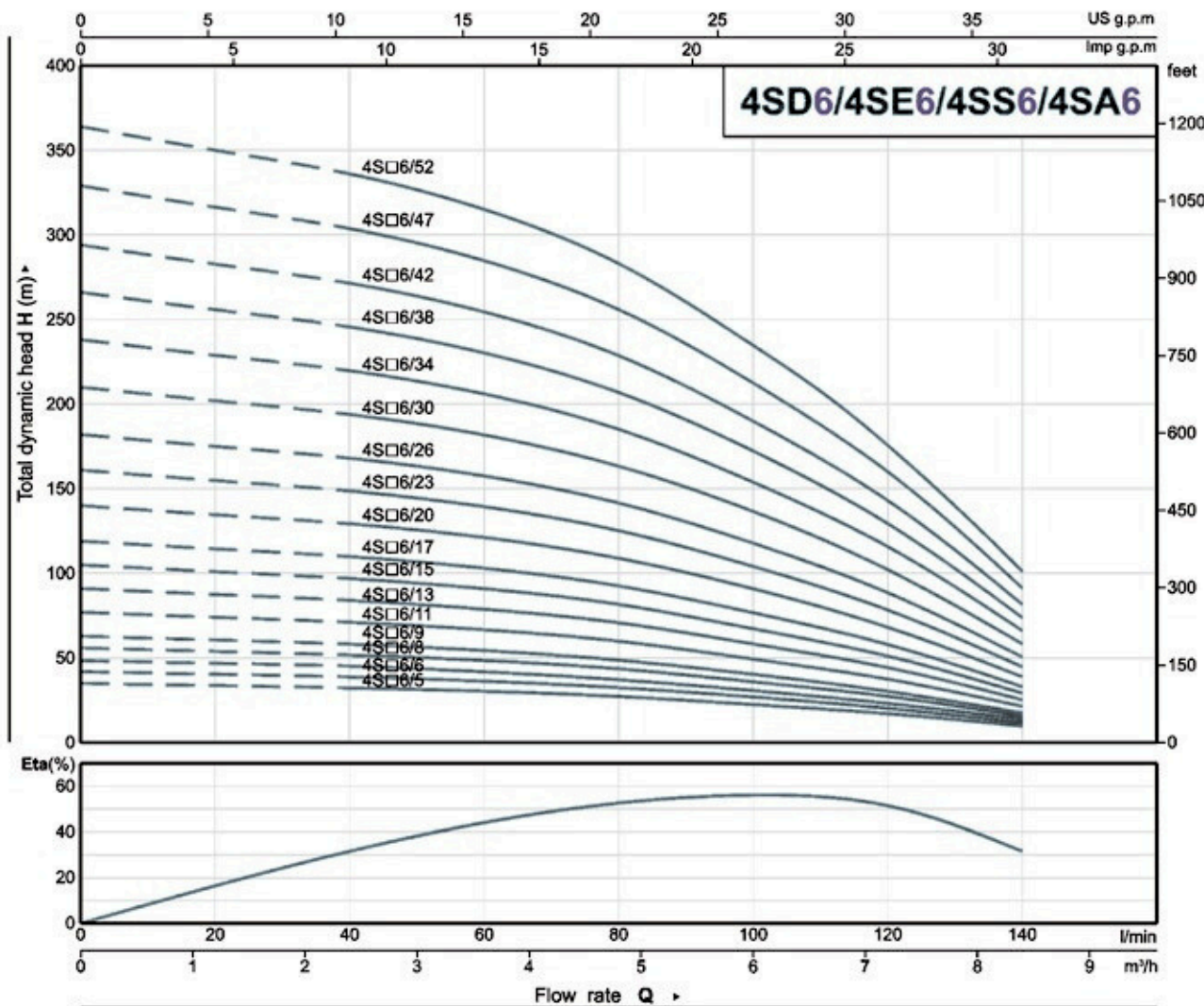
• 4S□ in the above table can be replaced by any of 4SD, 4SE, 4SS, 4SA



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min											
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m ³ /h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4
					l/min	0	10	20	30	40	50	60	70	80	90
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

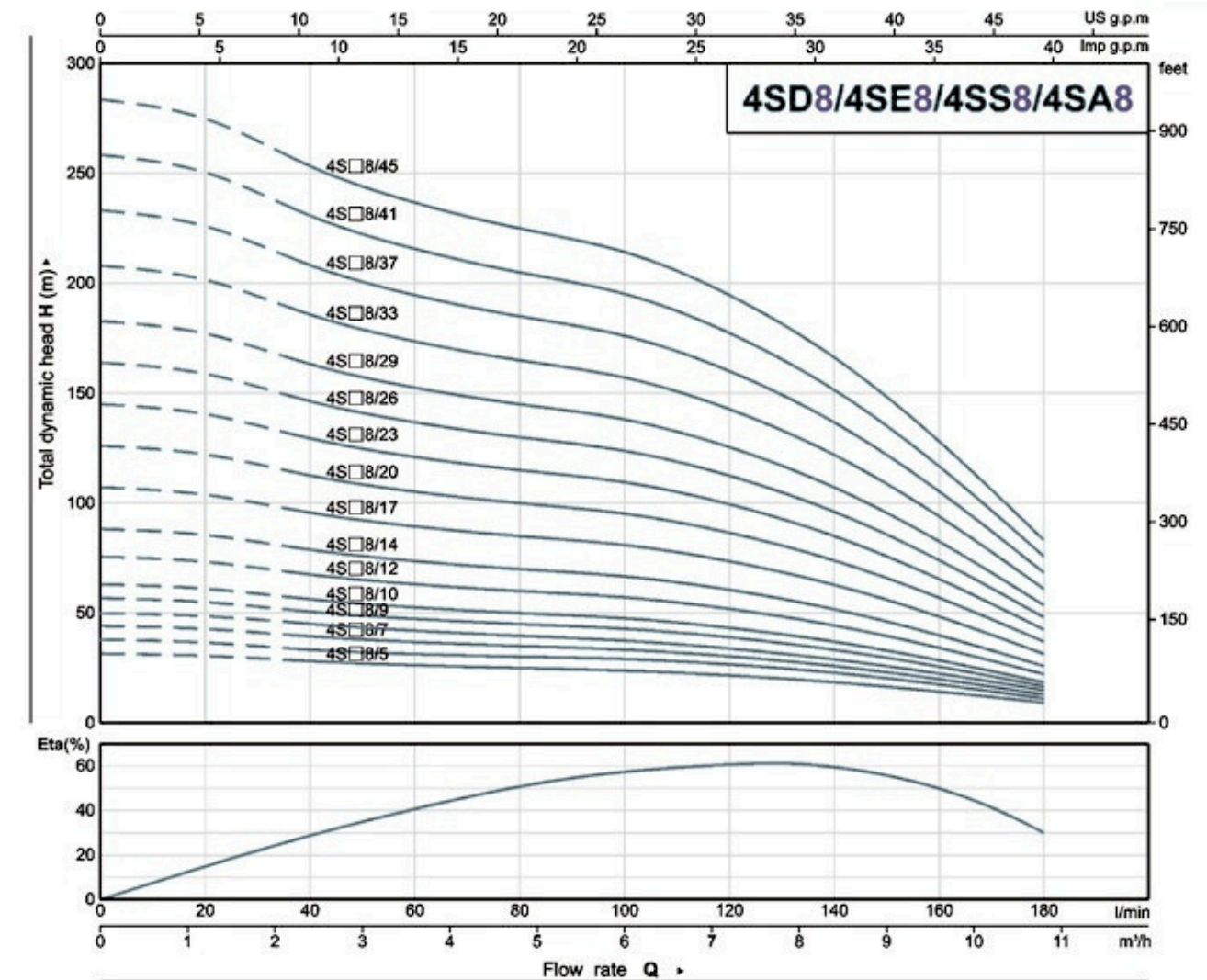
• 4S□ in the above table can be replaced by any of 4SD, 4SE, 4SS, 4SA



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min									
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m³/h	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4
					l/min	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	

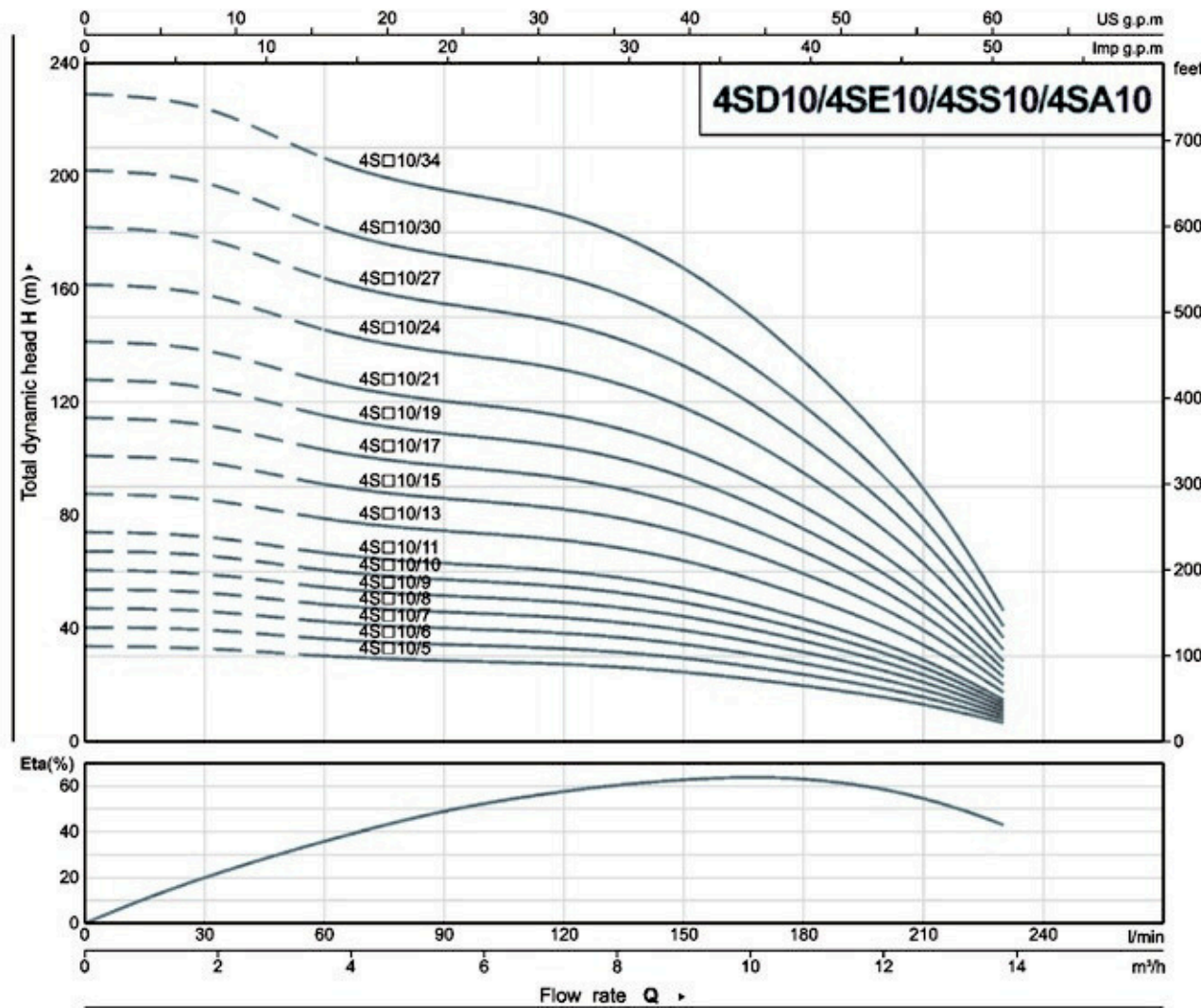
• 4S□ in the above table can be replaced by any of 4SD, 4SE, 4SS, 4SA



PERFORMANCE DATA 50Hz

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

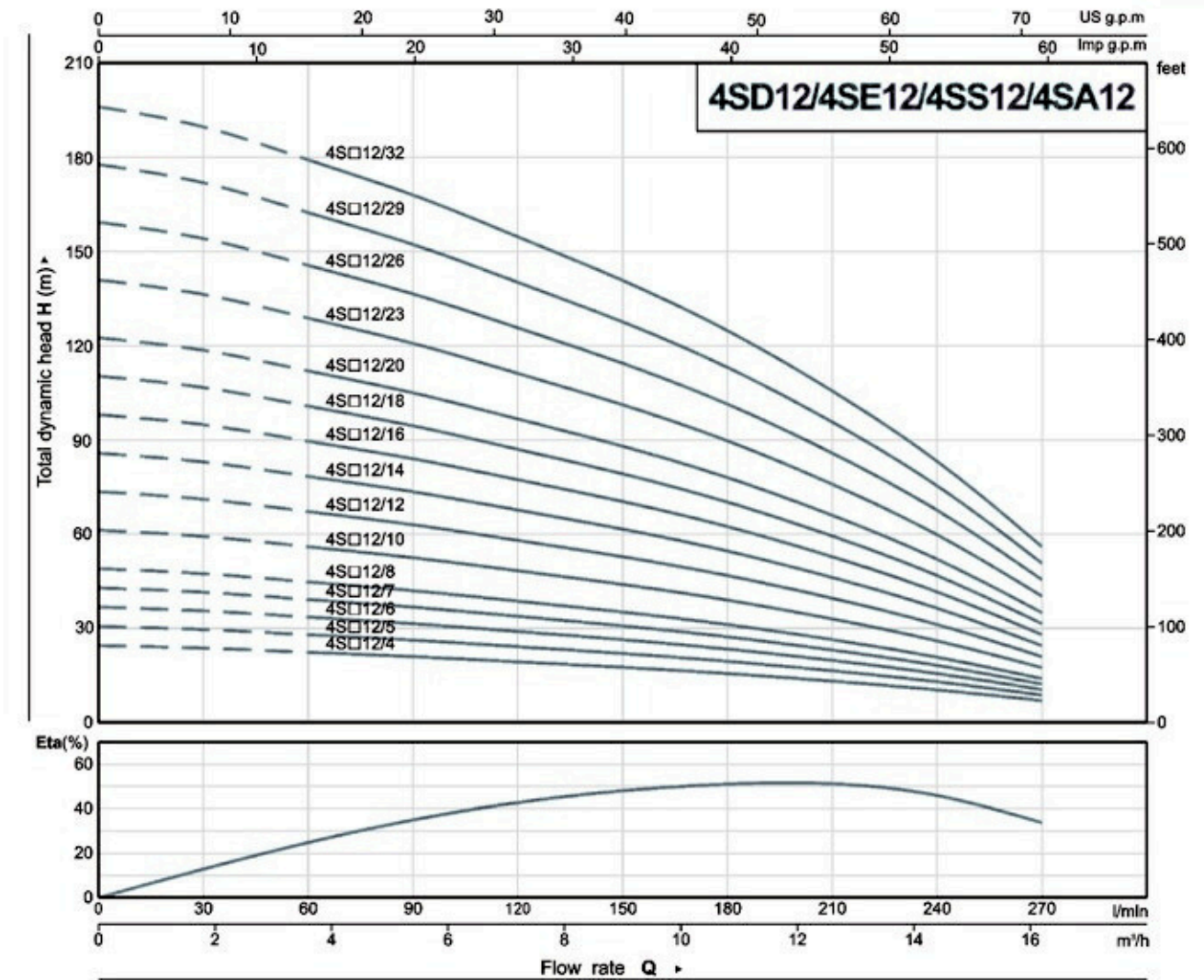
• 4S□ in the above table can be replaced by any of 4SD, 4SE, 4SS, 4SA



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY									
1~ 220 - 240V	3~ 380 - 415V	kW	HP	n≈2850 1/min									
Q	m³/h	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	13.8			
	l/min	0	30	60	90	120	150	180	210	230			
4S□M10/5	4S□10/5	0.75	1	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	

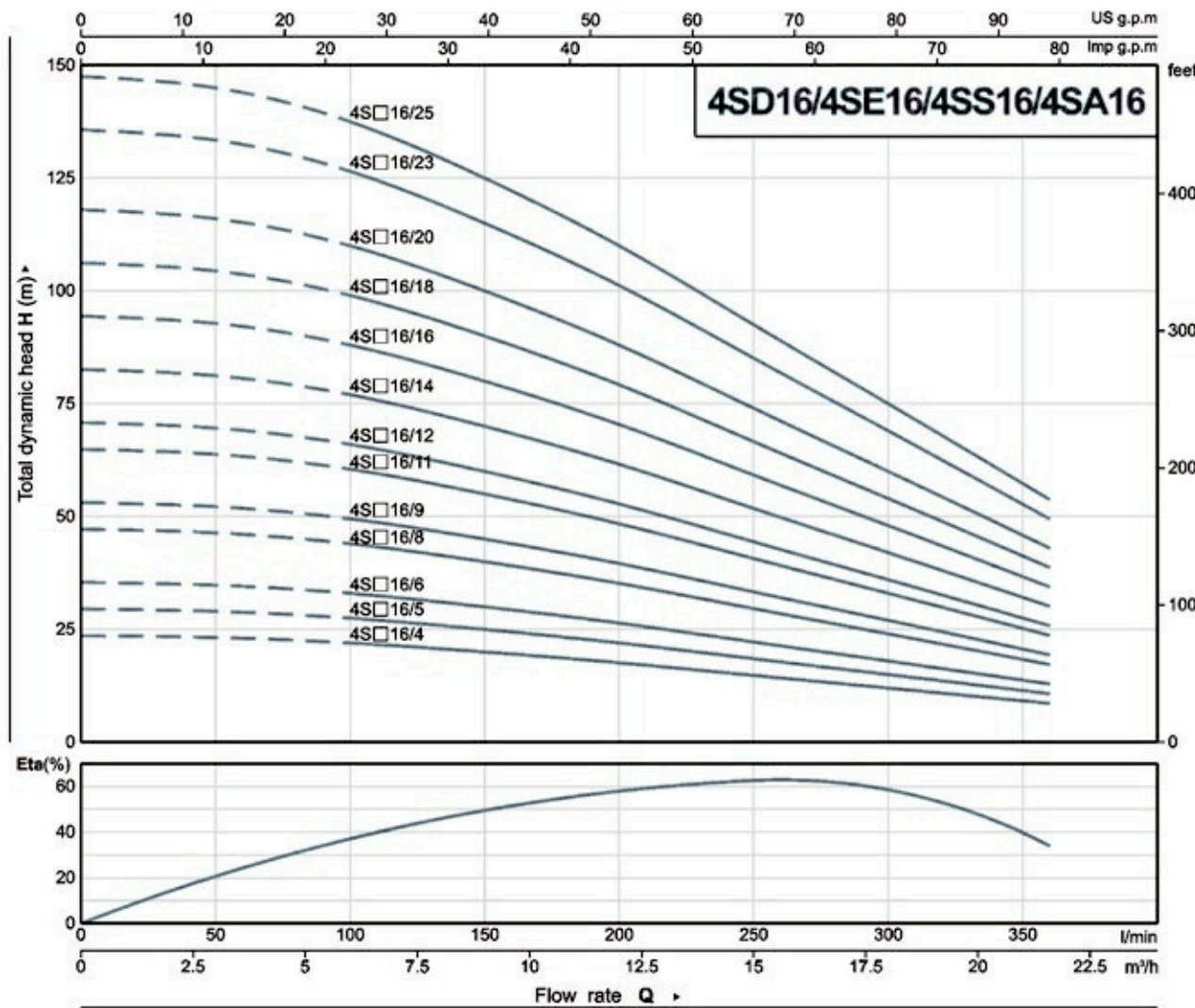
• 4S□ in the above table can be replaced by any of 4SD, 4SE, 4SS, 4SA



PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY									
1~ 220 - 240V	3~ 380 - 415V	kW	HP	n≈2850 1/min									
Q	m³/h	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2		
	l/min	0	30	60	90	120	150	180	210	240	270		
4S□M12/4	4S□12/4	0.75	1	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	m³/h	0	3	6	9	12	15	18	21	H(m)	
					l/min	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			

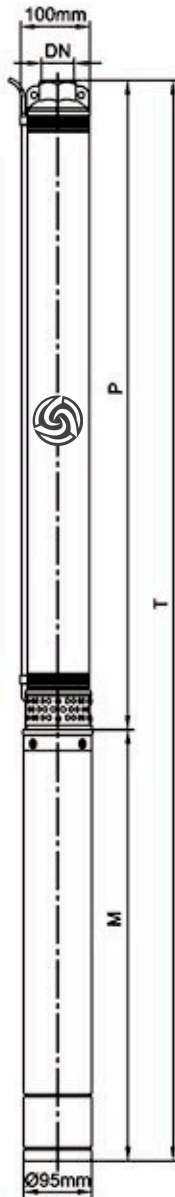
• 4S□ in the above table can be replaced by any of 4SD, 4SE, 4SS, 4SA

DIMENSION AND WEIGHT

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4S□M2/7	4S□2/7	1 1/4" 1 1/2"	392	299	299	691	691	3.3	5.5	5.8	8.8	9.1
4S□M2/9	4S□2/9	1 1/4" 1 1/2"	440	314	314	754	754	3.8	6.7	6.7	10.5	10.5
4S□M2/12	4S□2/12	1 1/4" 1 1/2"	514	329	329	843	843	4.6	7.3	7.3	11.9	11.9
4S□M2/15	4S□2/15	1 1/4" 1 1/2"	587	359	344	946	931	5.2	8.7	8.0	13.9	13.2
4S□M2/18	4S□2/18	1 1/4" 1 1/2"	660	379	379	1039	1039	6.0	9.8	9.8	15.8	15.8
4S□M2/21	4S□2/21	1 1/4" 1 1/2"	765	399	379	1164	1144	6.7	10.6	9.8	17.3	16.5
4S□M2/24	4S□2/24	1 1/4" 1 1/2"	838	424	424	1262	1262	7.5	11.7	11.7	19.2	19.2
4S□M2/28	4S□2/28	1 1/4" 1 1/2"	936	449	424	1385	1360	8.4	12.9	11.7	21.3	20.1
4S□M2/32	4S□2/32	1 1/4" 1 1/2"	1033	514	514	1547	1547	9.4	15.7	15.7	25.1	25.1
4S□M2/37	4S□2/37	1 1/4" 1 1/2"	1155	554	514	1709	1669	10.7	17.7	15.7	28.4	26.4
4S□M2/42	4S□2/42	1 1/4" 1 1/2"	1309	594	554	1903	1863	11.9	19.8	17.7	31.7	29.6
-	4S□2/47	1 1/4" 1 1/2"	1431	-	594	-	2025	13.1	-	19.8	-	32.9
-	4S□2/52	1 1/4" 1 1/2"	1553	-	629	-	2182	14.3	-	21.4	-	35.7
-	4S□2/58	1 1/4" 1 1/2"	1699	-	669	-	2368	15.8	-	23.7	-	39.5
-	4S□2/64	1 1/4" 1 1/2"	1845	-	709	-	2554	17.3	-	25.5	-	42.8
4S□M3/5	4S□3/5	1 1/2" 1 1/2"	355	299	299	654	654	2.8	5.5	5.8	8.3	8.6
4S□M3/7	4S□3/7	1 1/2" 1 1/2"	409	314	314	723	723	3.4	6.7	6.7	10.1	10.1
4S□M3/10	4S□3/10	1 1/2" 1 1/2"	490	329	329	814	819	4.1	7.3	7.3	11.4	11.4
4S□M3/13	4S□3/13	1 1/2" 1 1/2"	571	359	344	930	915	4.9	8.7	8.0	13.6	12.9
4S□M3/15	4S□3/15	1 1/2" 1 1/2"	624	379	379	1003	1003	5.4	9.8	9.8	15.2	15.2
4S□M3/18	4S□3/18	1 1/2" 1 1/2"	737	399	379	1136	1116	6.2	10.6	9.8	16.8	16.0
4S□M3/20	4S□3/20	1 1/2" 1 1/2"	790	424	424	1214	1214	6.7	11.7	11.7	18.4	18.4
4S□M3/22	4S□3/22	1 1/2" 1 1/2"	844	449	424	1293	1268	7.3	12.9	11.7	20.2	19.0
4S□M3/26	4S□3/26	1 1/2" 1 1/2"	952	502	514	1454	1466	8.3	15.7	15.7	24.0	24.0
4S□M3/30	4S□3/30	1 1/2" 1 1/2"	1059	542	514	1601	1573	9.3	17.7	15.7	27.0	25.0
4S□M3/35	4S□3/35	1 1/2" 1 1/2"	1194	594	554	1664	1748	10.6	19.8	17.7	30.4	28.3
-	4S□3/40	1 1/2" 1 1/2"	1360	-	594	-	1954	11.9	-	19.8	-	31.7
-	4S□3/45	1 1/2" 1 1/2"	1494	-	658	-	2152	13.2	-	21.4	-	34.6
-	4S□3/50	1 1/2" 1 1/2"	1629	-	698	-	2327	14.5	-	23.7	-	38.2
-	4S□3/56	1 1/2" 1 1/2"	1790	-	738	-	2528	16.1	-	25.5	-	41.6
-	4S□3/62	1 1/2" 1 1/2"	1983	-	788	-	2771	17.6	-	28.0	-	45.6
4S□M4/6	4S□4/6	1 1/2" 1 1/2" 1/2"	396	314	314	710	710	3.2	6.7	6.7	9.9	9.9
4S□M4/8	4S□4/8	1 1/2" 1 1/2" 1/2"	454	329	329	783	783	3.7	7.3	7.3	11.0	11.0
4S□M4/10	4S□4/10	1 1/2" 1 1/2" 1/2"	513	359	344	872	857	4.3	8.7	8.0	13.0	12.3
4S□M4/12	4S□4/12	1 1/2" 1 1/2" 1/2"	571	379	379	950	950	4.8	9.8	9.8	14.6	14.6
4S□M4/14	4S□4/14	1 1/2" 1 1/2" 1/2"	630	399	379	1029	1009	5.3	10.6	9.8	15.9	15.1
4S□M4/16	4S□4/16	1 1/2" 1 1/2" 1/2"	688	424	424	1112	1112	5.9	11.7	11.7	17.6	17.6
4S□M4/18	4S□4/18	1 1/2" 1 1/2" 1/2"	778	449	424	1227	1202	6.4	12.9	11.7	19.3	18.1
4S□M4/21	4S□4/21	1 1/2" 1 1/2" 1/2"	866	502	514	1368	1380	7.2	15.7	15.7	22.9	22.9
4S□M4/24	4S□4/24	1 1/2" 1 1/2" 1/2"	953	542	514	1495	1467	8.1	17.7	15.7	25.8	23.8
4S□M4/28	4S□4/28	1 1/2" 1 1/2" 1/2"	1070	594	554	1664	1624	9.1	19.8	17.7	28.9	26.8
-	4S□4/32	1 1/2" 1 1/2" 1/2"	1187	-	594	-	1781	10.2	-	19.8	-	30.0
-	4S□4/36	1 1/2" 1 1/2" 1/2"	1335	-	658	-	1993	11.3	-	21.4	-	32.7
-	4S□4/40	1 1/2" 1 1/2" 1/2"	1452	-	698	-	2150	12.4	-	23.7	-	36.1
-	4S□4/45	1 1/2" 1 1/2" 1/2"	1598	-	738	-	2336	13.7	-	25.5	-	39.2
-	4S□4/50	1 1/2" 1 1/2" 1/2"	1744	-	788	-	2532	15.1	-	28.0	-	43.1
-	4S□4/56	1 1/2" 1 1/2" 1/2"	1951	-	848	-	2799	16.7	-	30.0	-	46.7
-	4S□4/62	1 1/2" 1 1/2" 1/2"	2126	-	908	-	3034	18.4	-	34.0	-	52.4

• M(s) is single phase motor, M(T) is three phase motor.
• T(s) is single phase motor, T(T) is three phase motor.

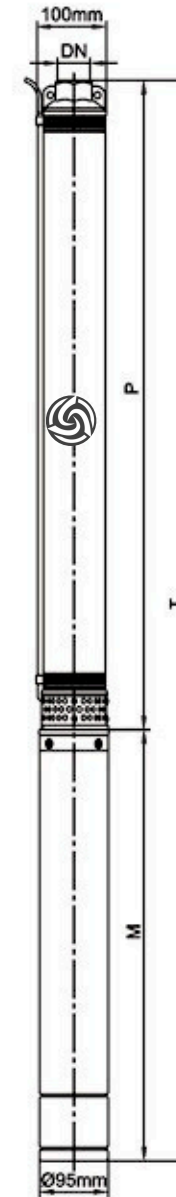
DIMENSION AND WEIGHT



MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4S□M6/5	4S□6/5	1¼"1½"/2"	400	314	314	714	714	3.0	6.7	6.7	9.7	9.7
4S□M6/6	4S□6/6	1¼"1½"/2"	435	344	344	779	779	3.3	8.0	8.0	11.3	11.3
4S□M6/7	4S□6/7	1¼"1½"/2"	469	344	344	813	813	3.6	8.0	8.0	11.6	11.6
4S□M6/8	4S□6/8	1¼"1½"/2"	510	359	359	869	869	3.8	8.7	8.7	12.5	12.5
4S□M6/9	4S□6/9	1¼"1½"/2"	538	379	379	917	917	4.1	9.8	9.8	13.9	13.9
4S□M6/11	4S□6/11	1¼"1½"/2"	607	399	379	1006	986	4.7	10.6	9.8	15.3	14.5
4S□M6/13	4S□6/13	1¼"1½"/2"	642	424	424	1066	1066	5.0	11.7	11.7	16.7	16.7
4S□M6/15	4S□6/15	1¼"1½"/2"	742	449	424	1191	1166	5.6	12.9	11.7	18.5	17.3
4S□M6/17	4S□6/17	1¼"1½"/2"	846	502	514	1348	1360	6.4	15.7	15.7	22.1	22.1
4S□M6/20	4S□6/20	1¼"1½"/2"	949	542	514	1491	1463	7.3	17.7	15.7	25.0	23.0
4S□M6/23	4S□6/23	1¼"1½"/2"	1053	594	554	1647	1607	8.1	19.8	17.7	27.9	25.8
-	4S□6/26	1¼"1½"/2"	1156	-	594	-	1750	9.0	-	19.8	-	28.8
-	4S□6/30	1¼"1½"/2"	1326	-	658	-	1984	10.1	-	21.4	-	31.5
-	4S□6/34	1¼"1½"/2"	1464	-	698	-	2162	11.3	-	23.7	-	35.0
-	4S□6/38	1¼"1½"/2"	1602	-	738	-	2340	12.4	-	25.5	-	37.9
-	4S□6/42	1¼"1½"/2"	1740	-	788	-	2528	13.6	-	28.0	-	41.6
-	4S□6/47	1¼"1½"/2"	1944	-	848	-	2792	15.0	-	30.0	-	45.0
-	4S□6/52	1¼"1½"/2"	2116	-	908	-	3024	16.4	-	34.0	-	50.4
4S□M8/5	4S□8/5	1¼"1½"/2"	456	344	344	800	800	3.2	8.0	8.0	11.2	11.2
4S□M8/6	4S□8/6	1¼"1½"/2"	475	359	344	872	857	3.3	8.7	8.0	12.6	11.9
4S□M8/7	4S□8/7	1¼"1½"/2"	494	359	344	853	838	3.6	8.7	8.0	12.3	11.6
4S□M8/8	4S□8/8	1¼"1½"/2"	532	379	379	911	911	3.9	9.8	9.8	13.7	13.7
4S□M8/9	4S□8/9	1¼"1½"/2"	570	399	379	969	949	4.2	10.6	9.8	14.8	14.0
4S□M8/10	4S□8/10	1¼"1½"/2"	609	424	424	1033	1033	4.5	11.7	11.7	16.2	16.2
4S□M8/12	4S□8/12	1¼"1½"/2"	717	449	424	1165	1141	5.1	12.9	11.7	18.0	16.8
4S□M8/14	4S□8/14	1¼"1½"/2"	793	502	514	1295	1307	5.7	15.7	15.7	21.4	21.4
4S□M8/17	4S□8/17	1¼"1½"/2"	907	542	514	1449	1421	6.6	17.7	15.7	24.3	22.3
4S□M8/20	4S□8/20	1¼"1½"/2"	1021	594	554	1615	1575	7.5	19.8	17.7	27.3	25.2
-	4S□8/23	1¼"1½"/2"	1136	-	594	-	1730	8.4	-	19.8	-	28.2
-	4S□8/26	1¼"1½"/2"	1250	-	658	-	1908	9.2	-	21.4	-	30.6
-	4S□8/29	1¼"1½"/2"	1396	-	698	-	2094	10.1	-	23.7	-	33.8
-	4S□8/33	1¼"1½"/2"	1548	-	738	-	2286	11.3	-	25.5	-	36.8
-	4S□8/37	1¼"1½"/2"	1701	-	788	-	2489	12.5	-	28.0	-	40.5
-	4S□8/41	1¼"1½"/2"	1884	-	848	-	2732	13.7	-	30.0	-	43.7
-	4S□8/45	1¼"1½"/2"	2037	-	908	-	2945	14.9	-	34.0	-	48.9
4S□M10/5	4S□10/5	1½"/2"	418	359	344	777	762	3.0	8.7	8.0	11.7	11.0
4S□M10/6	4S□10/6	1½"/2"	456	379	379	835	835	3.3	9.8	9.8	13.1	13.1
4S□M10/7	4S□10/7	1½"/2"	494	399	379	893	873	3.6	10.6	9.8	14.2	13.4
4S□M10/8	4S□10/8	1½"/2"	532	424	424	956	956	3.9	11.7	11.7	15.6	15.6
4S□M10/9	4S□10/9	1½"/2"	570	449	424	1019	994	4.2	12.9	11.7	17.1	15.9
4S□M10/10	4S□10/10	1½"/2"	608	449	424	1057	1032	4.5	12.9	11.7	17.4	16.2
4S□M10/11	4S□10/11	1½"/2"	646	502	514	1148	1160	4.8	15.7	15.7	20.5	20.5
4S□M10/13	4S□10/13	1½"/2"	722	542	514	1264	1236	5.4	17.7	15.7	23.1	21.1
4S□M10/15	4S□10/15	1½"/2"	798	594	554	1392	1352	6.0	19.8	17.7	25.8	23.7
-	4S□10/17	1½"/2"	874	-	594	-	1468	6.6	-	19.8	-	26.4
-	4S□10/19	1½"/2"	950	-	658	-	1608	7.2	-	21.4	-	28.6
-	4S□10/21	1½"/2"	1026	-	698	-	1724	7.8	-	23.7	-	31.5
-	4S□10/24	1½"/2"	1140	-	738	-	1878	8.7	-	25.5	-	34.2
-	4S□10/27	1½"/2"	1254	-	788	-	2042	9.6	-	28.0	-	37.6
-	4S□10/30	1½"/2"	1368	-	848	-	2216	10.5	-	30.0	-	40.5
-	4S□10/34	1½"/2"	1520	-	908	-	2428	11.7	-	34.0	-	45.7

- M(s) is single phase motor, M(T) is three phase motor.
- T(s) is single phase motor, T(T) is three phase motor.

DIMENSION AND WEIGHT



MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4S□M12/4	4S□12/4	2"	452	359	344	811	796	3.1	8.7	8.0	11.8	11.1
4S□M12/5	4S□12/5	2"	508	379	379	887	887	3.5	9.8	9.8	13.3	13.3
4S□M12/6	4S□12/6	2"	564	399	379	963	943	3.8	10.6	9.8	14.4	13.6
4S□M12/7	4S□12/7	2"	620	424	424	1044	1044	4.2	11.7	11.7	15.9	15.9
4S□M12/8	4S□12/8	2"	676	449	424	1125	1100	4.6	12.9	11.7	17.5	16.3
4S□M12/10	4S□12/10	2"	819	502	514	1321	1334	5.4	15.7	15.7	21.1	21.1
4S□M12/12	4S□12/12	2"	931	542	514	1473	1445	6.1	17.7	15.7	23.8	21.8
4S□M12/14	4S□12/14	2"	1043	594	554	1637	1597	6.9	19.8	17.7	26.7	24.6
-	4S□12/16	2"	1155	-	594	-	1749	7.6	-	19.8	-	27.4
-	4S□12/18	2"	1298	-	658	-	1956	8.4	-	21.4	-	29.8
-	4S□12/20	2"	1410	-	698	-	2108	9.2	-	23.7	-	32.9
-	4S□12/23	2"	1578	-	738	-	2316	10.3	-	25.5	-	35.8
-	4S□12/26	2"	1745	-	788	-	2533	11.4	-	28.0	-	39.4
-	4S□12/29	2"	1944	-	848	-	2793	12.6	-	30.0	-	42.6
-	4S□12/32	2"	2143	-	908	-	3020	13.7	-	34.0	-	47.7

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4S□M16/4	4S□16/4	2"	502	399	379	901	881	3.4	10.6	9.8	14.0	13.2
4S□M16/5	4S□16/5	2"	570	424	424	994	995	3.8	11.7	11.7	15.5	15.5
4S□M16/6	4S□16/6	2"	639	449	424	1088	1063	4.3	12.9	11.7	17.2	16.0
4S□M16/8	4S□16/8	2"	807	502	514	1309	1322	5.2	15.7	15.7	20.9	20.9
4S□M16/9	4S□16/9	2"	876	542	514	1418	1390	5.6	17.7	15.7	23.3	21.3
4S□M16/11	4S□16/11	2"	1013	594	554	1607	1567	6.5	19.8	17.7	26.3	24.2
-	4S□16/12	2"	1081	-	594	-	1675	7.0	-	19.8	-	26.8
-	4S□16/14	2"	1218	-	658	-	1876	7.9	-	21.4	-	29.3
-	4S□16/16	2"	1386	-	698	-	2084	8.8	-	23.7	-	32.5
-	4S□16/18	2"	1523	-	738	-	2261	9.7	-	25.5	-	35.2
-	4S□16/20	2"	1660	-	788	-	2448	10.6	-	28.0	-	38.6
-	4S□16/23	2"	1897	-	848	-	2745	11.9	-	30.0	-	41.9
-	4S□16/25	2"	2034	-	908	-	2942	12.8	-	34.0	-	46.8

- M(s) is single phase motor, M(T) is three phase motor.
- T(s) is single phase motor, T(T) is three phase motor.

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

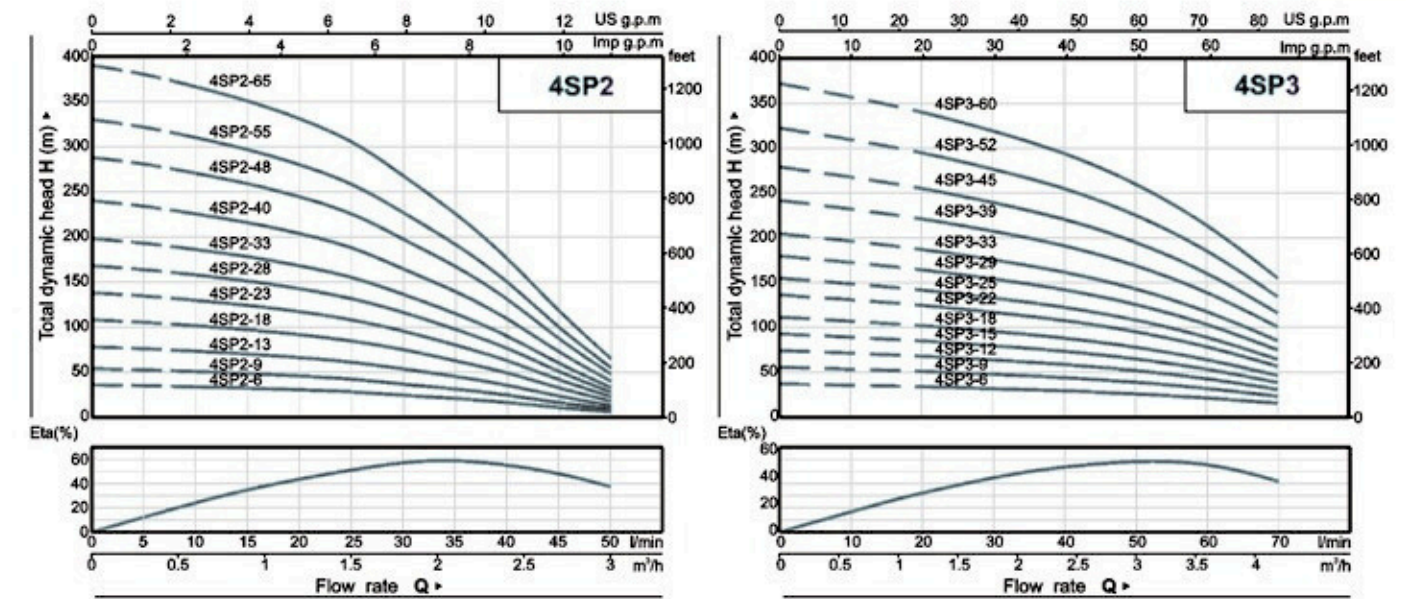
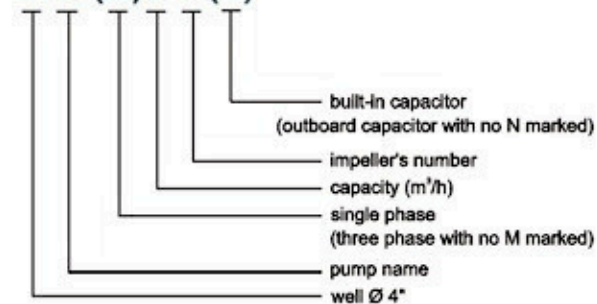
Warranty: 1 Year

(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 pharmaceutic use.

4 SP (M) 2-6 (N)

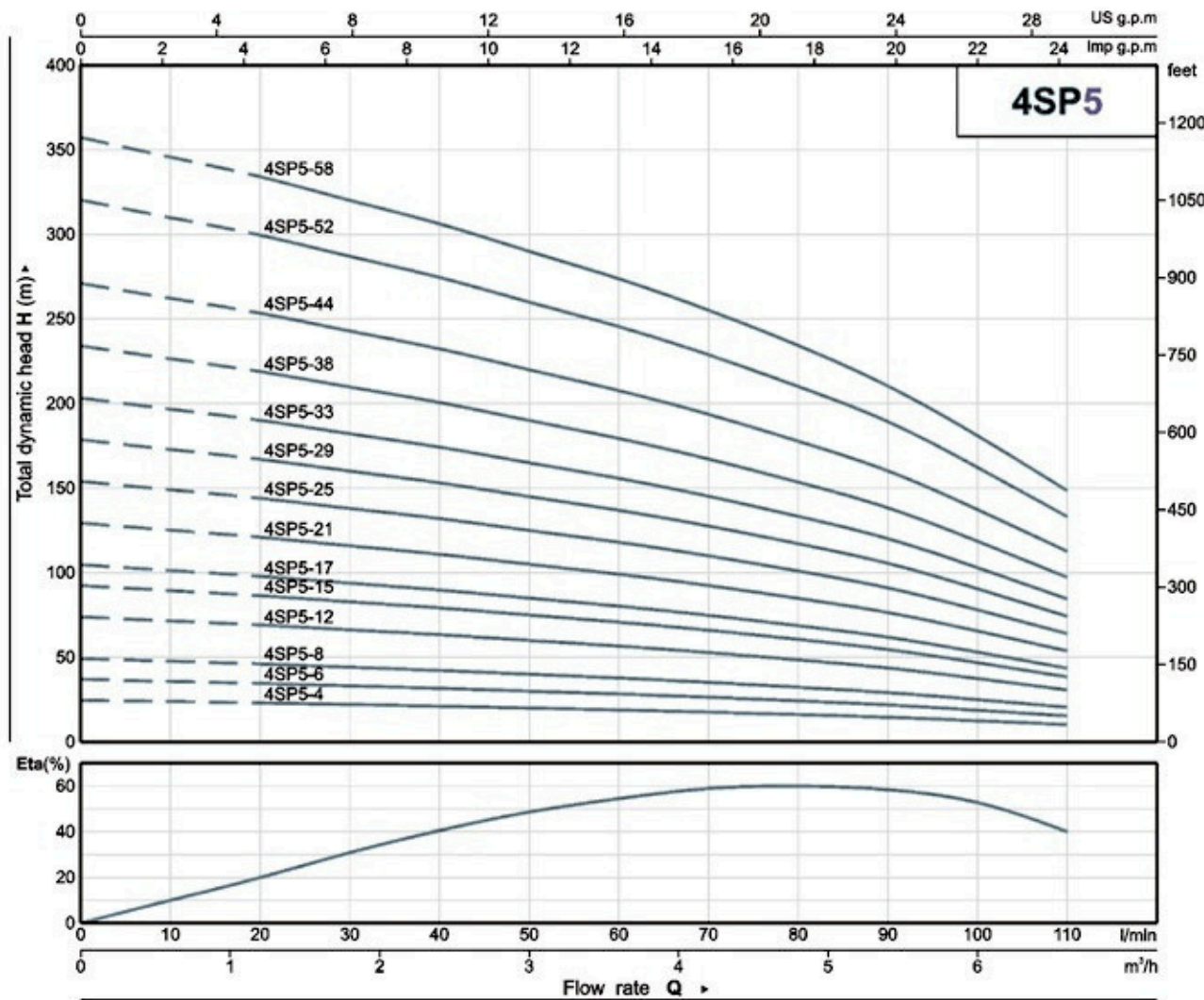


PERFORMANCE DATA 50Hz

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		
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		

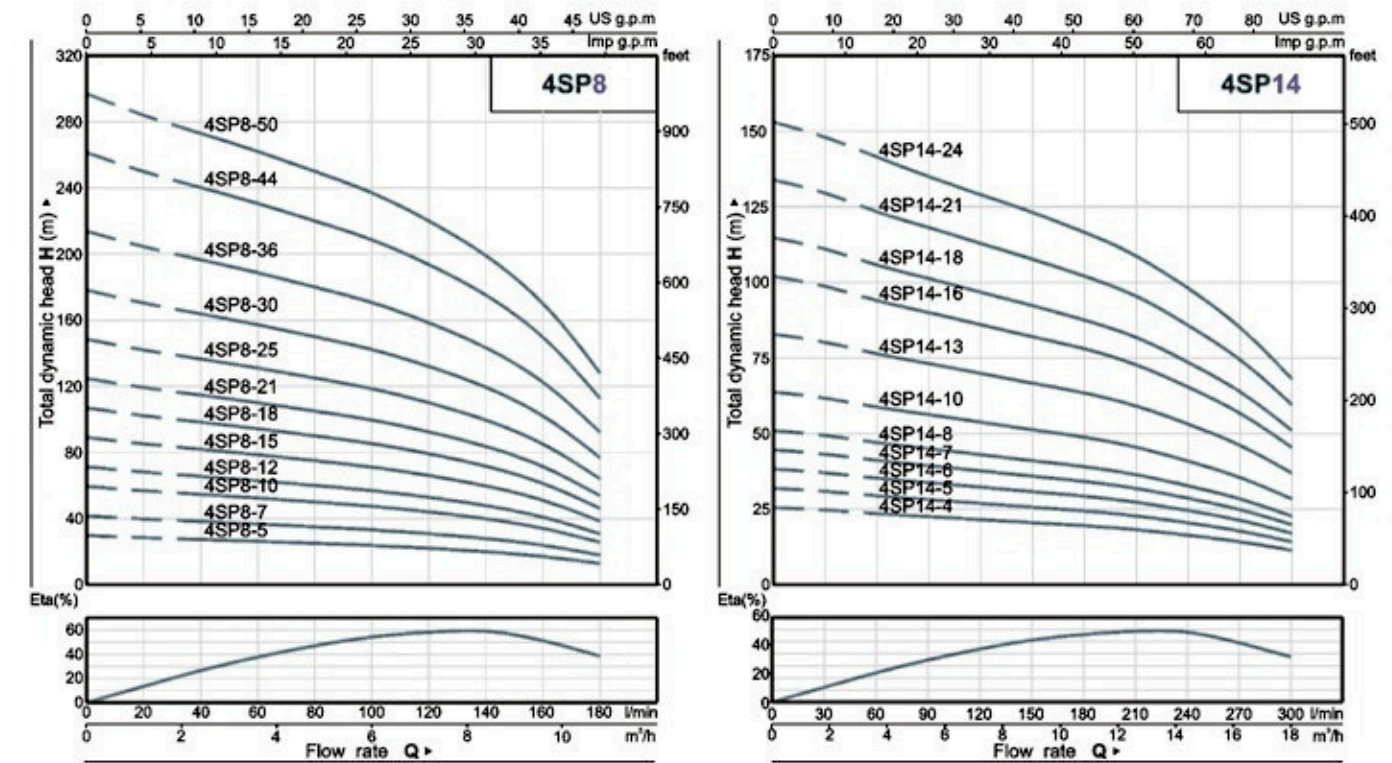
PERFORMANCE DATA 50Hz

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
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	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6	
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		



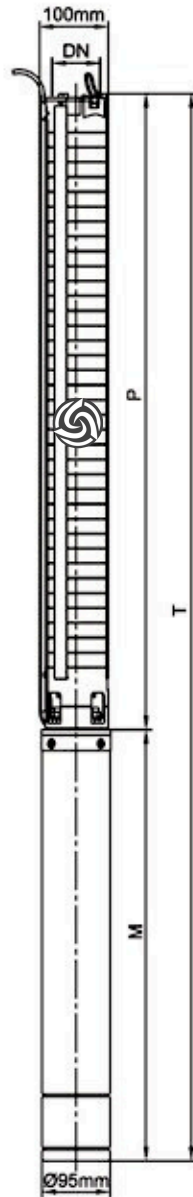
PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min														
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m³/h	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8			
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	m³/h	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4	16.2	18		
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			

DIMENSION AND WEIGHT



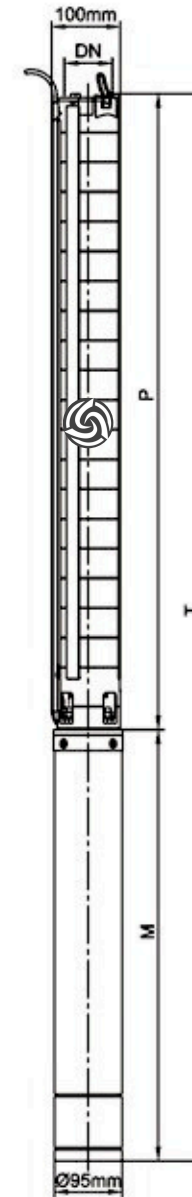
MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4SPM2-6	4SP2-6	1 1/4" 1 1/2"	281	314	314	595	595	2.5	6.7	6.7	9.2	9.2
4SPM2-9	4SP2-9	1 1/4" 1 1/2"	344	314	314	658	658	3.1	6.7	6.7	9.8	9.8
4SPM2-13	4SP2-13	1 1/4" 1 1/2"	428	329	329	757	757	4.0	7.3	7.3	11.3	11.3
4SPM2-18	4SP2-18	1 1/4" 1 1/2"	533	359	344	892	877	5.1	8.7	8.0	13.8	13.1
4SPM2-23	4SP2-23	1 1/4" 1 1/2"	628	399	379	1027	1007	6.1	10.6	9.8	16.7	15.9
4SPM2-28	4SP2-28	1 1/4" 1 1/2"	743	424	424	1167	1167	7.2	11.7	11.7	18.9	18.9
4SPM2-33	4SP2-33	1 1/4" 1 1/2"	848	449	424	1297	1272	8.1	12.9	11.7	21.0	19.8
4SPM2-40	4SP2-40	1 1/4" 1 1/2"	995	502	514	1497	1509	9.8	15.7	15.7	25.5	25.5
4SPM2-48	4SP2-48	1 1/4" 1 1/2"	1163	542	514	1705	1677	11.5	17.7	15.7	29.2	27.2
4SPM2-55	4SP2-55	1 1/4" 1 1/2"	1310	594	554	1904	1864	13.0	19.8	17.7	32.8	30.7
-	4SP2-65	1 1/4" 1 1/2"	1520	-	594	-	2114	15.2	-	19.8	-	35.0

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4SPM3-6	4SP3-6	1 1/4" 1 1/2"	281	314	314	595	595	2.5	6.7	6.7	9.2	9.2
4SPM3-9	4SP3-9	1 1/4" 1 1/2"	344	329	329	673	673	3.2	7.3	7.3	10.5	10.5
4SPM3-12	4SP3-12	1 1/4" 1 1/2"	407	359	344	766	751	3.8	8.7	8.0	12.5	11.8
4SPM3-15	4SP3-15	1 1/4" 1 1/2"	470	379	379	849	849	4.5	9.8	9.8	14.3	14.3
4SPM3-18	4SP3-18	1 1/4" 1 1/2"	533	399	379	932	912	5.1	10.6	9.8	15.7	14.9
4SPM3-22	4SP3-22	1 1/4" 1 1/2"	617	424	424	1041	1041	6.0	11.7	11.7	17.7	17.7
4SPM3-25	4SP3-25	1 1/4" 1 1/2"	680	449	424	1129	1104	6.6	12.9	11.7	19.5	18.3
4SPM3-29	4SP3-29	1 1/4" 1 1/2"	764	502	514	1266	1278	7.5	15.7	15.7	23.2	23.2
4SPM3-33	4SP3-33	1 1/4" 1 1/2"	848	542	514	1390	1362	8.4	17.7	15.7	26.1	24.1
4SPM3-39	4SP3-39	1 1/4" 1 1/2"	974	594	554	1568	1528	9.7	19.8	17.7	29.5	27.4
-	4SP3-45	1 1/4" 1 1/2"	1100	-	594	-	1694	11.0	-	19.8	-	30.8
-	4SP3-52	1 1/4" 1 1/2"	1247	-	658	-	1905	12.5	-	21.4	-	33.9
-	4SP3-60	1 1/4" 1 1/2"	1415	-	698	-	2113	14.3	-	23.7	-	38.0

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4SPM5-4	4SP5-4	1 1/4" 1 1/2"	251	314	314	565	565	2.2	6.7	6.7	8.9	8.9
4SPM5-6	4SP5-6	1 1/4" 1 1/2"	299	329	329	628	628	2.6	7.3	7.3	9.9	9.9
4SPM5-8	4SP5-8	1 1/4" 1 1/2"	347	359	344	706	691	3.1	8.7	8.0	11.8	11.1
4SPM5-12	4SP5-12	1 1/4" 1 1/2"	443	399	379	842	822	4.0	10.6	9.8	14.6	13.8
4SPM5-15	4SP5-15	1 1/4" 1 1/2"	515	424	424	939	939	4.7	11.7	11.7	16.4	16.4
4SPM5-17	4SP5-17	1 1/4" 1 1/2"	563	449	424	1012	987	5.1	12.9	11.7	18.0	16.8
4SPM5-21	4SP5-21	1 1/4" 1 1/2"	659	502	514	1161	1173	6.1	15.7	15.7	21.8	21.8
4SPM5-25	4SP5-25	1 1/4" 1 1/2"	755	542	514	1297	1269	7.0	17.7	15.7	24.7	22.7
4SPM5-29	4SP5-29	1 1/4" 1 1/2"	851	594	554	1445	1405	7.9	19.8	17.7	27.7	25.6
-	4SP5-33	1 1/4" 1 1/2"	947	-	594	-	1541	8.8	-	19.8	-	28.6
-	4SP5-38	1 1/4" 1 1/2"	1067	-	658	-	1725	10.0	-	21.4	-	31.4
-	4SP5-44	1 1/4" 1 1/2"	1208	-	698	-	1906	11.3	-	23.7	-	35.0
-	4SP5-52	1 1/4" 1 1/2"	1397	-	738	-	2135	13.2	-	25.5	-	38.7
-	4SP5-58	1 1/4" 1 1/2"	1538	-	788	-	2326	14.5	-	28.0	-	42.5

- M(s) is single phase motor, M(T) is three phase motor.
- T(s) is single phase motor, T(T) is three phase motor.

DIMENSION AND WEIGHT



MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4SPM8-5	4SP8-5	1 1/2" 1/2"	415	359	344	774	759	4.4	8.7	8.0	13.1	12.4
4SPM8-7	4SP8-7	1 1/2" 1/2"	499	399	379	898	878	5.0	10.6	9.8	15.6	14.8
4SPM8-10	4SP8-10	1 1/2" 1/2"	625	449	424	1074	1049	6.0	12.9	11.7	18.9	17.7
4SPM8-12	4SP8-12	1 1/2" 1/2"	709	502	514	1211	1223	6.7	15.7	15.7	22.4	22.4
4SPM8-15	4SP8-15	1 1/2" 1/2"	835	542	514	1377	1349	7.7	17.7	15.7	25.4	23.4
-	4SP8-18	1 1/2" 1/2"	961	-	594	-	1555	8.7	-	19.8	-	28.5
-	4SP8-21	1 1/2" 1/2"	1087	-	658	-	1745	9.7	-	21.4	-	31.1
-	4SP8-25	1 1/2" 1/2"	1213	-	698	-	1911	10.7	-	23.7	-	34.4
-	4SP8-30	1 1/2" 1/2"	1465	-	738	-	2203	12.7	-	25.5	-	38.2
-	4SP8-36	1 1/2" 1/2"	1717	-	788	-	2505	14.7	-	28.0	-	42.7
-	4SP8-44	1 1/2" 1/2"	2053	-	848	-	2901	17.4	-	30.0	-	47.4
-	4SP8-50	1 1/2" 1/2"	2305	-	908	-	3213	18.4	-	34.0	-	52.4

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
4SPM14-4	4SP14-4	1 1/2" 1/2"	544	424	424	968	968	4.1	11.7	11.7	15.8	15.8
4SPM14-5	4SP14-5	1 1/2" 1/2"	628	449	424	1077	1052	4.4	12.9	11.7	17.3	16.1
4SPM14-6	4SP14-6	1 1/2" 1/2"	754	514	514	1268	1268	4.7	15.7	15.7	20.4	20.4
4SPM14-7	4SP14-7	1 1/2" 1/2"	838	554	514	1392	1352	5.0	17.7	15.7	22.7	20.7
4SPM14-8	4SP14-8	1 1/2" 1/2"	922	594	554	1516	1476	5.3	19.8	17.7	25.1	23.0
-	4SP14-10	1 1/2" 1/2"	1006	-	594	-	1600	6.0	-	19.8	-	25.8
-	4SP14-13	1 1/2" 1/2"	1258	-	669	-	1927	7.0	-	23.7	-	30.7
-	4SP14-16	1 1/2" 1/2"	1510	-	709	-	2219	7.9	-	25.5	-	33.4
-	4SP14-18	1 1/2" 1/2"	1678	-	788	-	2466	8.5	-	28.0	-	36.5
-	4SP14-21	1 1/2" 1/2"	1930	-	848	-	2778	9.4	-	30.0	-	39.4
-	4SP14-24	1 1/2" 1/2"	2182	-	908	-	3090	10.3	-	34.0	-	44.3

- M(s) is single phase motor, M(T) is three phase motor.
- T(s) is single phase motor, T(T) is three phase motor.

4DC

Solar water pump also said Solar photovoltaic pumping system, it becomes more and more in recent years has been identified as sunshine rich region in the world today, especially the lack of electricity in remote areas without electricity the most attractive means of water supply, using readily and limitless reserve of solar energy to achieve high efficiency and high reliability of water supply. Pump automatic to sunrise, sunset and jehiel, and no personnel supervision, maintenance workload can be minimized, is the ideal set of economy, reliability, and environmental benefits for the integration of green energy high technology product.

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

A dc motor or brushless dc motor
Pumps are designed by casing stressed
NEMA dimension standards
Curve tolerance according to ISO 9906

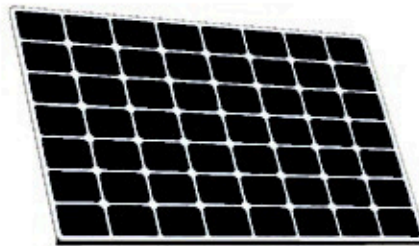
Warranty: 1 year

(according to our general sales conditions).

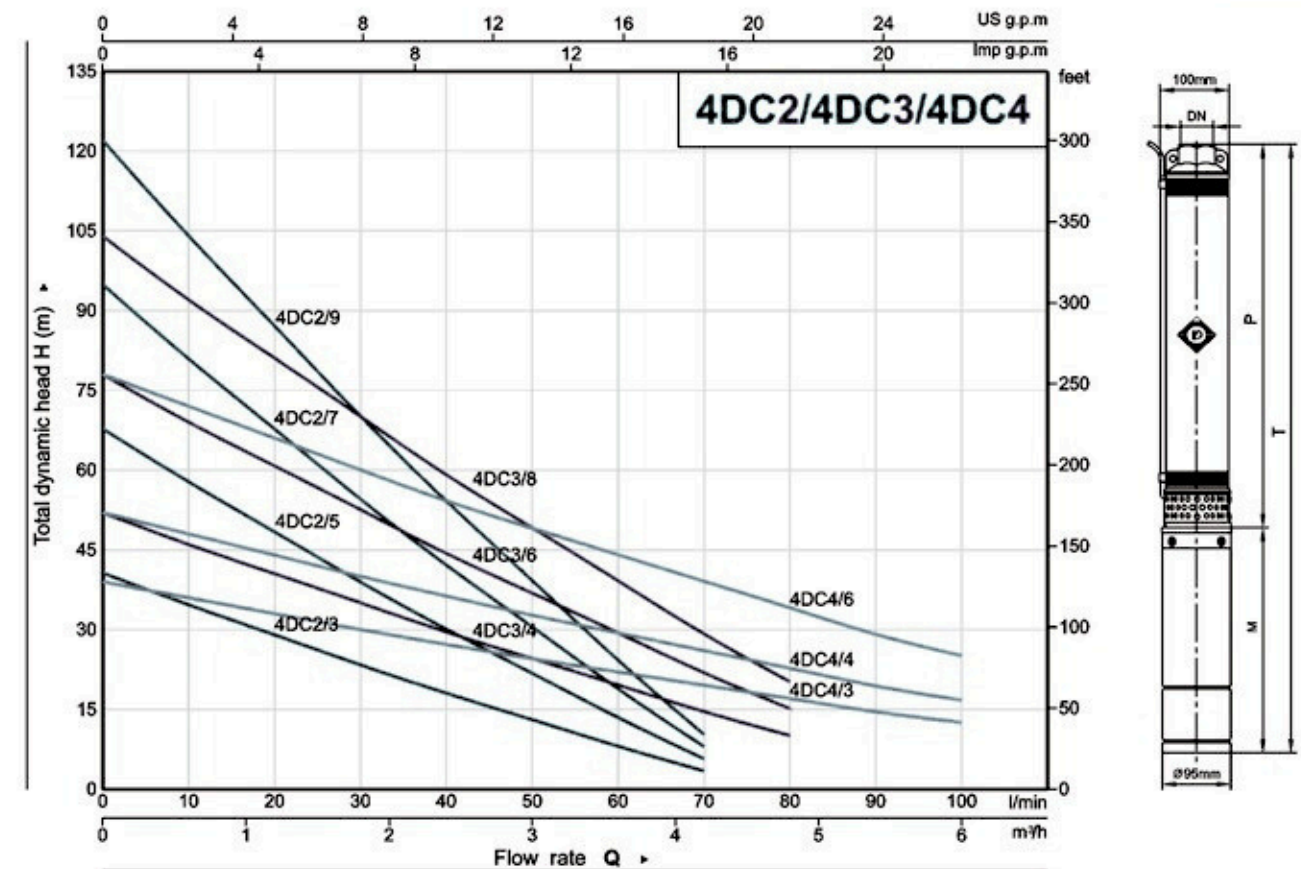
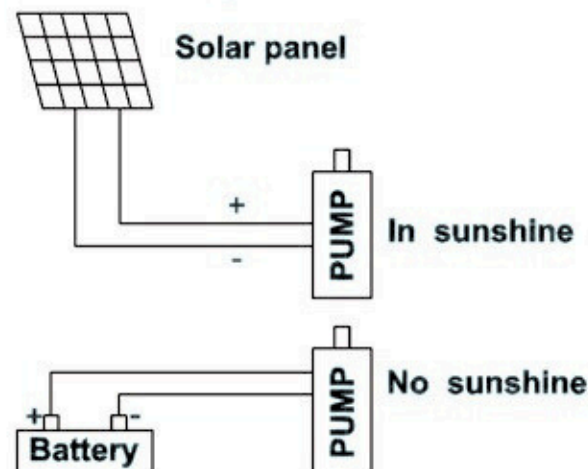
4DC2/3

impeller's number
capacity (m³/h)
pump name
well Ø 4"

Components	Material
Pump external casing	Stainless steel
Delivery casing	①Cast-iron ②Cast-Cu ASTM C8850 ③AISI 304 SS
Suction lantern	①Cast-iron ②Cast-Cu ASTM C8850 ③AISI 304 SS
Diffuser	Plastic, ABS
Impeller	Plastic, POM
Shaft	①AISI 304 SS ②AISI 410S
Shaft coupling	①Carbon steel ②AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	①AISI 201 SS ②AISI 304 SS
Top chock	Cast-iron
Bottom support	①AISI 304 SS ②AISI 430 SS
Mechanical seal	Special seal for deep well (Graphite-Ceramic)
Shaft	AISI 303 SS-ASTM 1045/5140
Magnetic shoe	Ferrite



Installation Diagram



PERFORMANCE DATA

MODEL	VOLTAGE	CURRENT	P ₁	DELIVERY														
			kW	Q	$\frac{m^3/h}{l/min}$	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0		
4DC2/3	30V	8.3A	0.25	H _(m)			41	35	29	23	18	13	8	3	-	-	-	
4DC2/5	60V	8.3A	0.5				68	58	48	39	30	22	13	6	-	-	-	-
4DC2/7	90V	8.3A	0.75				95	81	68	54	42	30	19	8	-	-	-	-
4DC2/9	120V	8.3A	1				122	104	87	70	54	39	24	10	-	-	-	-
4DC3/4	60V	8.3A	0.5				52	46	41	35	30	25	20	15	10	-	-	-
4DC3/6	90V	8.3A	0.75				78	69	61	53	44	37	29	22	15	-	-	-
4DC3/8	120V	8.3A	1				104	92	81	70	59	49	39	29	20	-	-	-
4DC4/3	60V	8.3A	0.5				39	36	33	30	27	25	22	20	17	15	13	13
4DC4/4	90V	8.3A	0.75				52	48	44	40	36	33	29	26	23	19	17	17
4DC4/6	120V	8.3A	1				78	72	66	60	54	49	44	39	34	29	25	25

DIMENSION AND WEIGHT

MODEL	VOLTAGE	CURRENT	DN	DIMENSION(mm)			WEIGHT(kg)		
				P	M	T	P	M	T
4DC2/3	30V	8.3A	1½"/1½"	294	322	616	2.5	5.4	7.9
4DC2/5	60V	8.3A	1½"/1½"	343	332	675	2.9	5.9	8.8
4DC2/7	90V	8.3A	1½"/1½"	392	342	734	3.3	6.4	9.7
4DC2/9	120V	8.3A	1½"/1½"	441	352	793	3.8	6.9	10.7
4DC3/4	60V	8.3A	1½"/1½"	330	332	662	2.7	5.9	8.6
4DC3/6	90V	8.3A	1½"/1½"	383	342	725	3.1	6.4	9.5
4DC3/8	120V	8.3A	1½"/1½"	436	352	788	3.7	6.9	10.6
4DC4/3	60V	8.3A	1½"/1½"	314	332	646	2.6	5.9	8.5
4DC4/4	90V	8.3A	1½"/1½"	341	342	683	2.8	6.4	9.2
4DC4/6	120V	8.3A	1½"/1½"	396	352	748	3.2	6.9	10.1

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

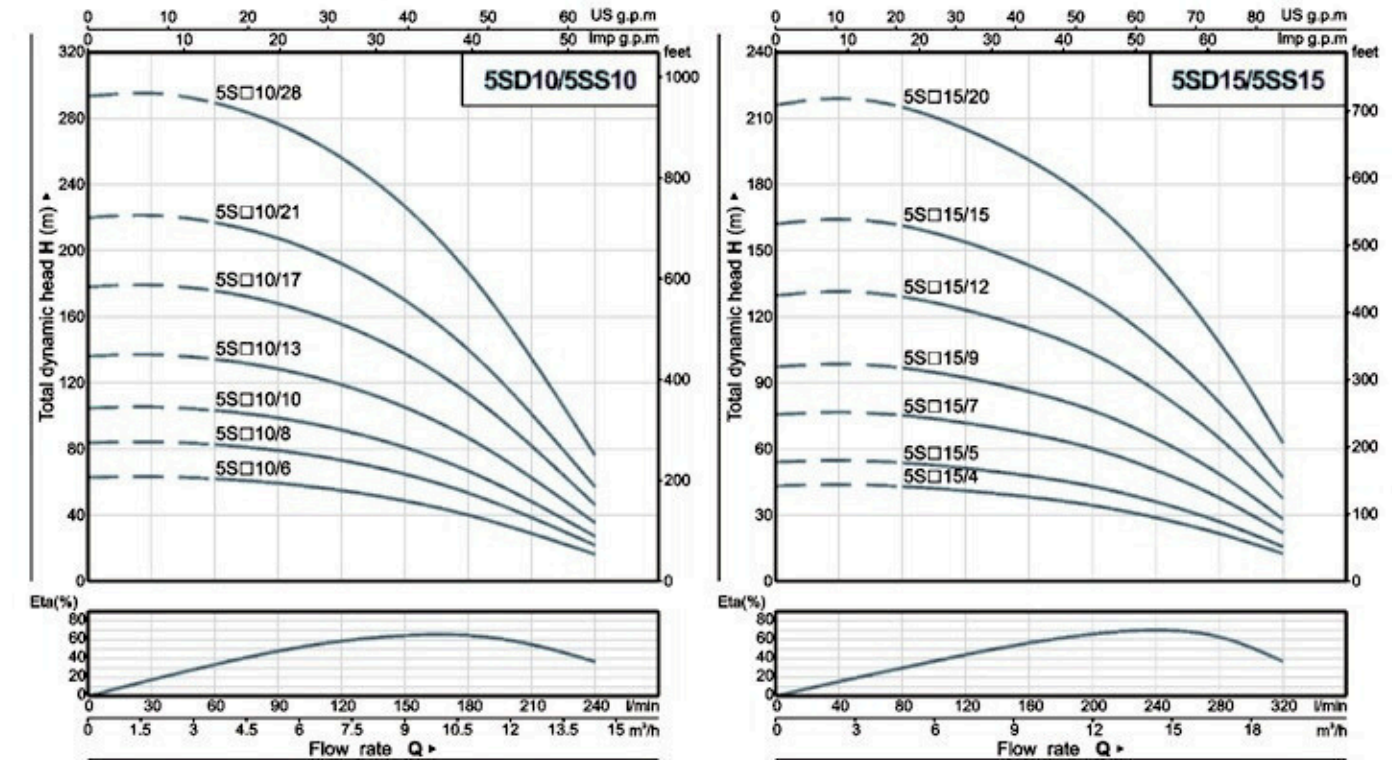
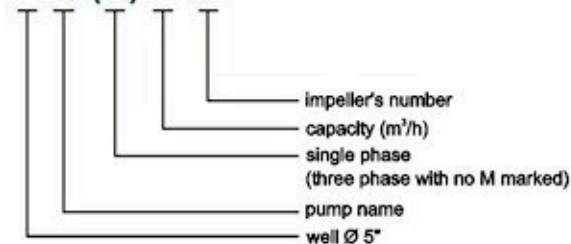
Warranty: 1 Year

(according to our general sales conditions)



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.

5 SD (M) 10 / 5



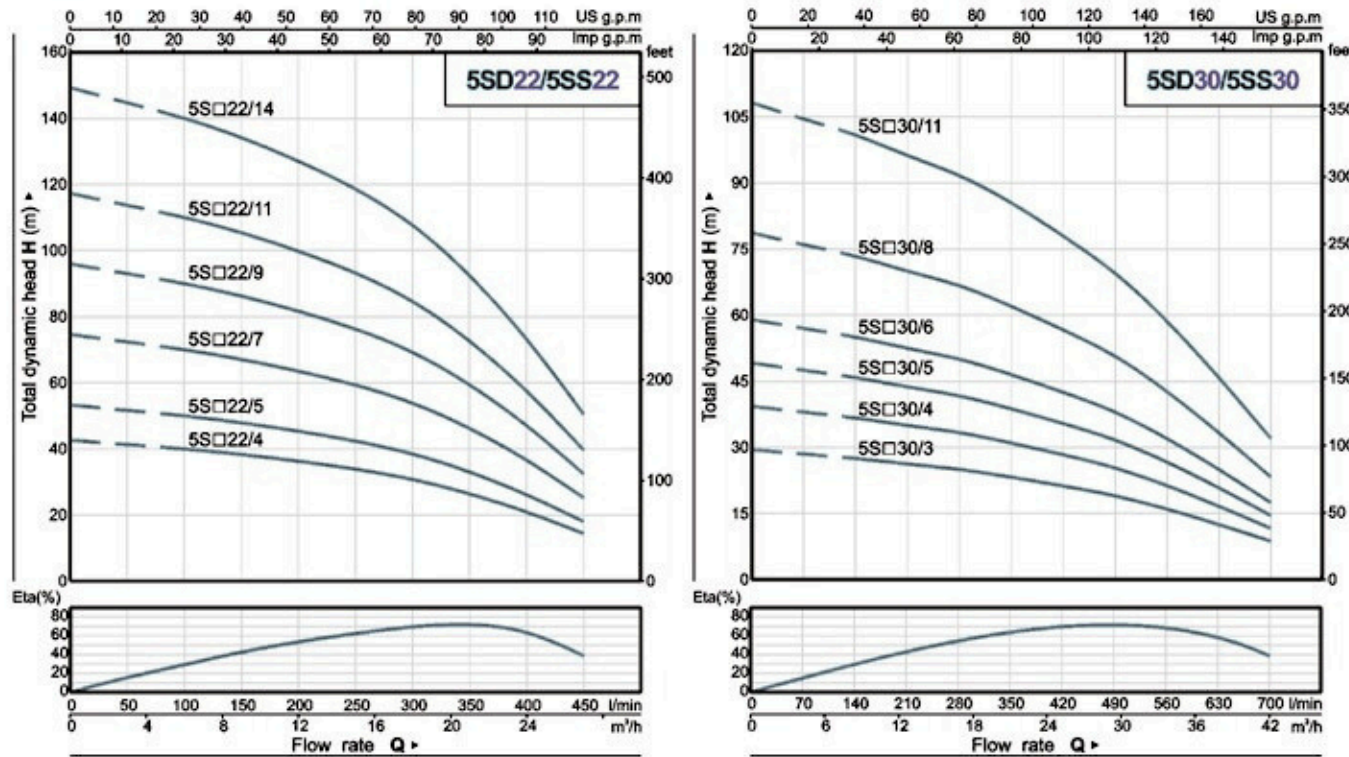
PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min									
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q $\frac{m^3}{h}$ l/min	0	1.8	3.6	5.4	7.2	9.0	10.8	12.6	14.4
5S□M10/6	5S□10/6	1.5	2	H(m)	0	30	60	90	120	150	180	210	240
5S□M10/8	5S□10/8	2.2	3		63	63	62	59	55	49	40	29	16
5S□M10/10	5S□10/10	3	4		84	84	83	79	73	65	53	39	22
-	5S□10/13	4	5.5		105	105	103	99	91	81	67	48	27
-	5S□10/17	5.5	7.5		136	137	134	128	119	105	87	63	35
-	5S□10/21	7.5	10		178	179	175	168	155	138	114	82	46
-	5S□10/28	11	15		220	221	217	207	192	170	140	101	57
					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	m³/h	0	2.4	4.8	7.2	9.6	12.0	14.4	16.8	19.2			
					l/min	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			

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



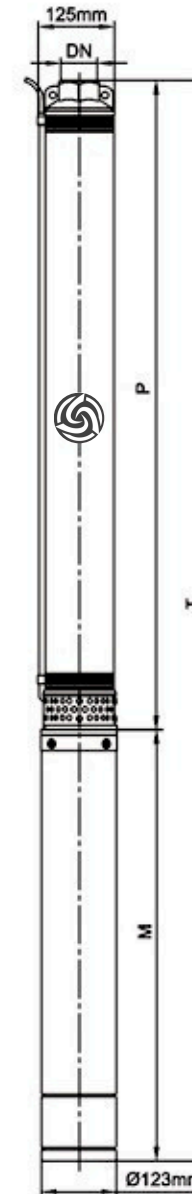
PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m³/h	0	3	6	9	12	15	18	21	24	27	
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	m³/h	0	4.2	8.4	12.6	16.8	21.0	25.2	29.4	33.6	37.8	42
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



DIMENSION AND WEIGHT

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
5S□M10/6	5S□10/6	2"	500	391	386	891	886	4.6	17.5	16.4	22.1	21.0
5S□M10/8	5S□10/8	2"	567	451	421	1018	988	5.1	20.7	19.6	25.8	24.7
5S□M10/10	5S□10/10	2"	635	501	461	1136	1096	5.5	23.4	22.3	28.9	27.8
-	5S□10/13	2"	737	-	521	-	1258	6.2	-	27.1	-	33.3
-	5S□10/17	2"	872	-	591	-	1463	7.6	-	32.5	-	40.1
-	5S□10/21	2"	1008	-	681	-	1689	9.0	-	38.5	-	47.5
-	5S□10/28	2"	1245	-	811	-	2056	11.5	-	45.6	-	57.1

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
5S□M15/4	5S□15/4	2 1/2"	455	391	386	846	841	4.5	17.5	16.4	22.0	20.9
5S□M15/5	5S□15/5	2 1/2"	493	451	421	944	914	4.9	20.7	19.6	25.6	24.5
5S□M15/7	5S□15/7	2 1/2"	570	501	461	1071	1031	5.2	23.4	22.3	28.6	27.5
-	5S□15/9	2 1/2"	647	-	521	-	1168	6.3	-	27.1	-	33.4
-	5S□15/12	2 1/2"	762	-	591	-	1353	7.4	-	32.5	-	39.9
-	5S□15/15	2 1/2"	877	-	681	-	1558	8.5	-	38.5	-	47.0
-	5S□15/20	2 1/2"	1069	-	811	-	1880	10.3	-	45.6	-	55.9

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
5S□M22/4	5S□22/4	2 1/2"	486	451	421	937	907	5.2	20.7	19.6	25.9	24.8
5S□M22/5	5S□22/5	2 1/2"	532	501	461	1033	993	5.6	23.4	22.3	29.0	27.9
-	5S□22/7	2 1/2"	625	-	521	-	1146	6.1	-	27.1	-	33.2
-	5S□22/9	2 1/2"	718	-	591	-	1309	7.0	-	32.5	-	39.5
-	5S□22/11	2 1/2"	811	-	681	-	1492	7.9	-	38.5	-	46.4
-	5S□22/14	2 1/2"	950	-	811	-	1761	8.8	-	45.6	-	54.4

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
5S□M30/3	5S□30/3	2 1/2"	461	451	421	912	882	4.9	20.7	19.6	25.6	24.5
5S□M30/4	5S□30/4	2 1/2"	515	491	461	1006	976	5.3	23.4	22.3	28.7	27.6
-	5S□30/5	2 1/2"	569	-	521	-	1090	5.8	-	27.1	-	32.9
-	5S□30/6	2 1/2"	623	-	591	-	1214	6.7	-	32.5	-	39.2
-	5S□30/8	2 1/2"	731	-	681	-	1412	7.6	-	38.5	-	46.1
-	5S□30/11	2 1/2"	893	-	811	-	1704	8.5	-	45.6	-	54.1

• M(s) is single phase motor, M(T) is three phase motor.
• T(s) is single phase motor, T(T) is three phase motor.

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

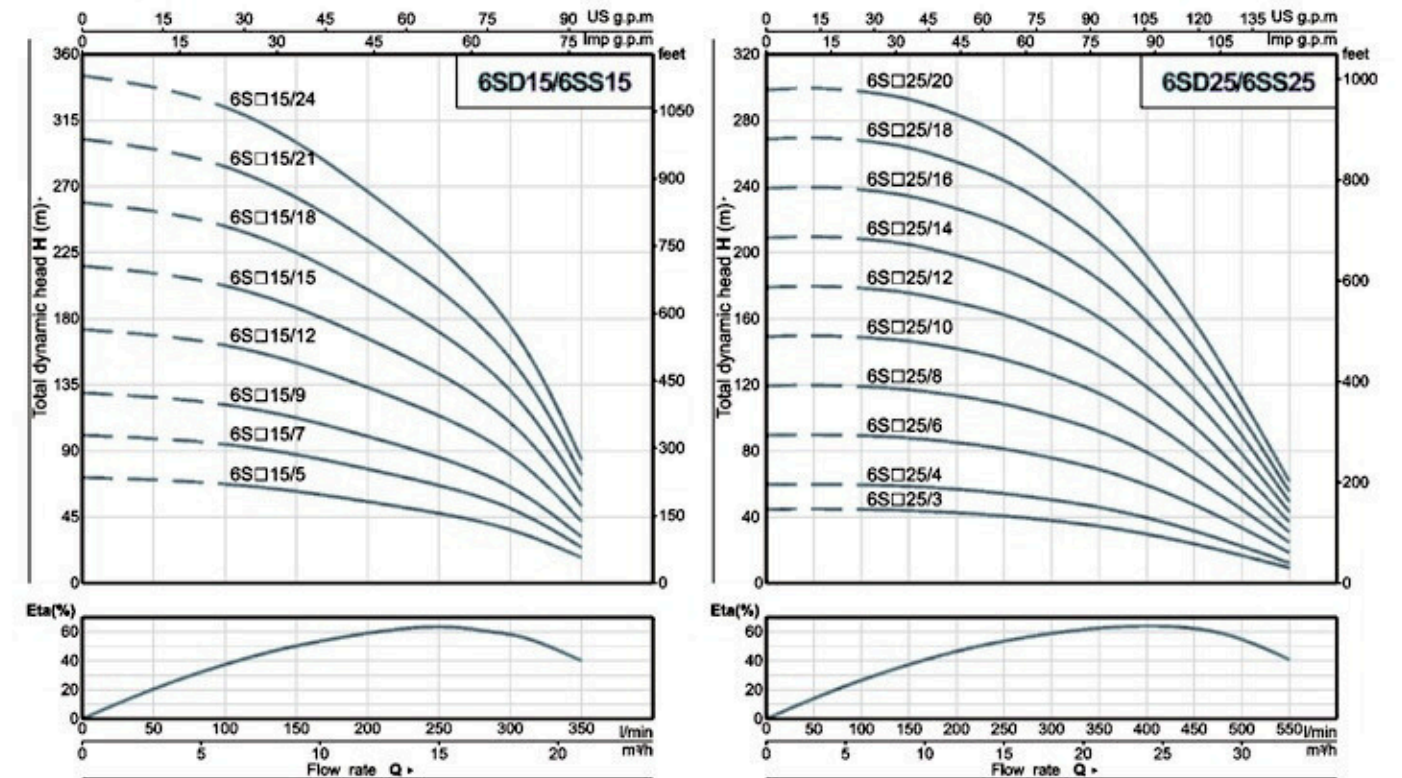
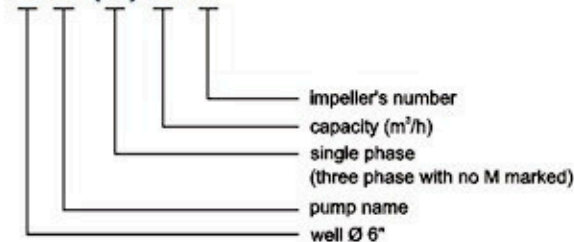
Warranty: 1 Year

(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.

6 SD (M) 15 / 4



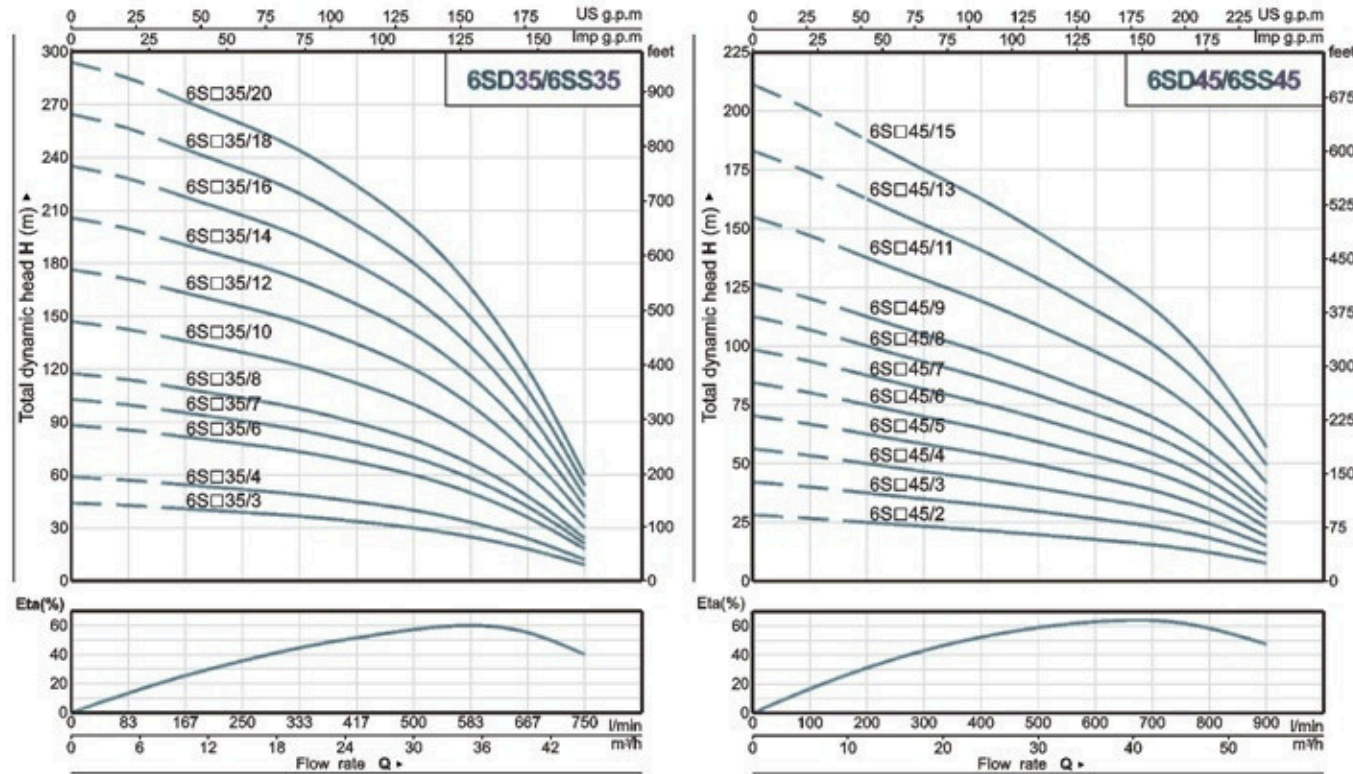
PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min										
1 ~ 220 - 240V	3 ~ 380 - 415V	kW	HP	Q m³/h l/min	0	3	6	9	12	15	18	21	24	27
6S□M15/5	6S□15/5	3	4	H(m)	72	70	68	63	56	48	36	18		
6S□M15/7	6S□15/7	4	5.5		101	99	95	88	78	67	51	25		
6S□M15/9	6S□15/9	5.5	7.5		129	127	122	113	100	86	66	32		
-	6S□15/12	7.5	10		173	169	162	150	134	114	88	42		
-	6S□15/15	9.2	12.5		216	211	203	188	167	143	109	53		
-	6S□15/18	11	15		259	254	243	225	200	171	131	63		
-	6S□15/21	13	17.5		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 m³/h l/min	0	3	6	9	12	15	18	21	24	27	30	33	36	39
6S□M25/3	6S□25/3	3	4	H(m)	45	45	45	44	42	40	38	33	28	22	16	9		
6S□M25/4	6S□25/4	4	5.5		60	60	60	58	56	54	50	45	39	30	21	12		
6S□M25/6	6S□25/6	5.5	7.5		90	90	89	88	85	81	76	66	58	45	32	18		
-	6S□25/8	7.5	10		120	120	119	117	113	108	101	89	78	60	43	24		
-	6S□25/10	9.2	12.5		150	150	149	146	141	135	126	111	97	75	55	30		
-	6S□25/12	11	15		179	180	179	175	169	162	151	134	117	90	65	36		
-	6S□25/14	13	17.5		209	210	209	204	197	189	176	156	136	105	76	42		
-	6S□25/16	15	20		239	240	238	234	226	216	202	178	156	120	87	48		
-	6S□25/18	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



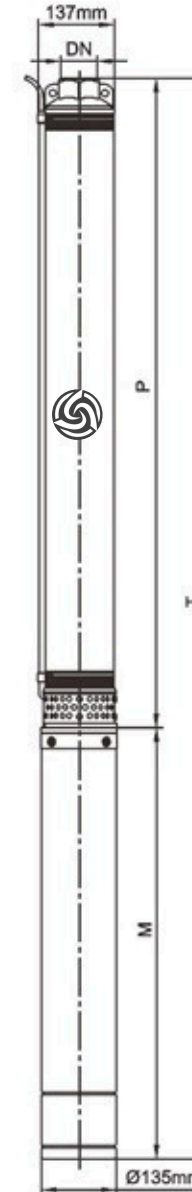
PERFORMANCE DATA 50Hz

MODEL		P ₂		DELIVERY n≈2850 1/min											
1~ 220 - 240V	3~ 380 - 415V	kW	HP	Q	m³/h	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	m³/h	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



DIMENSION AND WEIGHT

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
6S□M15/5	6S□15/5	3"/4"	555	488	488	1043	1043	7.8	22.5	22.5	30.3	30.3
6S□M15/7	6S□15/7	3"/4"	635	528	528	1163	1163	9.3	25.1	25.1	34.4	34.4
6S□M15/9	6S□15/9	3"/4"	715	578	578	1293	1293	10.8	28.9	28.9	39.7	39.7
-	6S□15/12	3"/4"	836	-	638	-	1474	13.1	-	33.9	-	47.0
-	6S□15/15	3"/4"	956	-	698	-	1654	15.4	-	40.2	-	55.6
-	6S□15/18	3"/4"	1076	-	763	-	1839	17.7	-	46.5	-	64.2
-	6S□15/21	3"/4"	1196	-	823	-	2019	20.0	-	53.5	-	73.5
-	6S□15/24	3"/4"	1317	-	888	-	2205	22.3	-	60.5	-	82.8

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
6S□M25/3	6S□25/3	3"/4"	495	488	488	983	983	6.8	22.5	22.5	29.3	29.3
6S□M25/4	6S□25/4	3"/4"	543	528	528	1071	1071	7.5	25.1	25.1	32.6	32.6
6S□M25/6	6S□25/6	3"/4"	638	578	578	1216	1216	9.1	28.9	28.9	38.0	38.0
-	6S□25/8	3"/4"	734	-	638	-	1372	10.6	-	33.9	-	44.5
-	6S□25/10	3"/4"	827	-	698	-	1525	12.1	-	40.2	-	52.3
-	6S□25/12	3"/4"	922	-	763	-	1685	13.6	-	46.5	-	60.1
-	6S□25/14	3"/4"	1016	-	823	-	1839	15.1	-	53.5	-	68.6
-	6S□25/16	3"/4"	1111	-	888	-	1999	16.6	-	60.5	-	77.1
-	6S□25/18	3"/4"	1206	-	939	-	2145	18.1	-	68.9	-	89.0
-	6S□25/20	3"/4"	1300	-	939	-	2239	19.6	-	80.9	-	100.5

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
6S□M35/3	6S□35/3	3"/4"	528	528	528	1056	1056	7.1	25.1	25.1	32.2	32.2
6S□M35/4	6S□35/4	3"/4"	587	578	578	1165	1165	8.0	28.9	28.9	36.9	36.9
-	6S□35/6	3"/4"	703	-	638	-	1341	9.7	-	33.9	-	43.6
-	6S□35/7	3"/4"	762	-	698	-	1460	10.6	-	40.2	-	50.8
-	6S□35/8	3"/4"	820	-	763	-	1583	11.5	-	46.5	-	58.0
-	6S□35/10	3"/4"	936	-	823	-	1759	13.3	-	53.5	-	66.8
-	6S□35/12	3"/4"	1053	-	888	-	1941	15.1	-	60.5	-	75.6
-	6S□35/14	3"/4"	1169	-	939	-	2108	16.9	-	68.9	-	89.8
-	6S□35/16	3"/4"	1285	-	939	-	2224	18.7	-	80.9	-	99.6
-	6S□35/18	3"/4"	1402	-	1019	-	2421	20.5	-	91.6	-	112.1
-	6S□35/20	3"/4"	1518	-	1019	-	2537	22.3	-	91.6	-	113.9

MODEL		DN	DIMENSION(mm)					WEIGHT(kg)				
1~ 220 - 240V	3~ 380 - 415V		P	M(s)	M(T)	T(s)	T(T)	P	M(s)	M(T)	T(s)	T(T)
6S□M45/2	6S□45/2	3"/4"	492	528	528	1020	1020	6.4	25.1	25.1	31.5	31.5
6S□M45/3	6S□45/3	3"/4"	561	578	578	1139	1139	7.4	28.9	28.9	36.3	36.3
-	6S□45/4	3"/4"	630	-	638	-	1268	8.4	-	33.9	-	42.3
-	6S□45/5	3"/4"	700	-	698	-	1398	9.4	-	40.2	-	49.6
-	6S□45/6	3"/4"	769	-	763	-	1532	10.4	-	46.5	-	56.9
-	6S□45/7	3"/4"	838	-	823	-	1661	11.4	-	53.5	-	64.9
-	6S□45/8	3"/4"	907	-	888	-	1795	13.4	-	60.5	-	73.9
-	6S□45/9	3"/4"	976	-	939	-	1915	14.4	-	68.9	-	89.3
-	6S□45/11	3"/4"	1114	-	939	-	2053	16.4	-	80.9	-	97.3
-	6S□45/13	3"/4"	1253	-	1019	-	2272	18.4	-	91.6	-	110.0
-	6S□45/15	3"/4"	1391	-	1019	-	2410	20.4	-	91.6	-	112.0

• M(s) is single phase motor, M(T) is three phase motor.
• T(s) is single phase motor, T(T) is three phase motor.