

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: +35 °C
Maximum sand content: 0.25%
Minimum well diameter: 2 in to 6 in, depending on range

MOTOR AND PUMP

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

OPTIONS ON REQUEST

Special mechanical seal
Single-phase motor with built-in capacitor



2SS / 2.5SS
Well Ø 2 / 2.5 in



3SS
Well Ø 3 in



4SA
Well Ø 4 in



6SA
Well Ø 6 in

PRODUCT NOMENCLATURE

4 SA (M) 3 / 5 (N)

4 Well Ø 4 in
SA Pump name
(M) Single-phase (three-phase if M is omitted)
3 Capacity (m³/h)
5 Number of impellers
(N) Built-in capacitor (external capacitor if N is omitted)

Other sizes: 2 SS (M) 0.7 / 26 (N) 3 SS (M) 2 / 8 (N) 6 SA 15 / 5

CONTENTS

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RANGE OVERVIEW

RANGE	MIN. WELL Ø	MODELS	POWER (kW)	MAX. FLOW (m³/h)	MAX. HEAD (m)	OUTLET	PAGE
2SS0.7	2 in	3	0.18–0.37	0.96	51	0.5 / 0.75 in	02
2.5SS1.5	2.5 in	4	0.25–0.75	2.4	84	1 in	03
3SS2	3 in	8	0.18–1.5	2.7	196	1 / 1.25 / 1.5 in	04
3SS3	3 in	7	0.25–1.5	3.6	149	1 / 1.25 / 1.5 in	05
3SS4	3 in	7	0.25–1.5	5.4	115	1 / 1.25 / 1.5 in	06
4SA3	4 in	15	0.25–5.5	4.8	445	1.25 / 1.5 in	07
4SA4	4 in	15	0.37–7.5	6	450	1.5 in	08
4SA6	4 in	15	0.37–7.5	8.4	364	1.5 in	09
4SA8	4 in	14	0.55–7.5	10.8	284	1.5 in	10
4SA10	4 in	13	0.75–7.5	13.8	229	1.5 in	11
4SA12	4 in	13	0.75–7.5	16.2	196	2 in	12
4SA16	4 in	11	1.1–7.5	21	148	2 in	13
6SA15	6 in	8	3–15	21	345	3 in	14
6SA25	6 in	9	3–18.5	33	300	3 in	15
6SA35	6 in	9	4–22	45	294	3 in	16
6SA45	6 in	9	4–22	54	211	3 in	17

APPLICATIONS

For water supply from wells or reservoirs
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For garden use and irrigation

OPERATING CONDITIONS

Maximum fluid temperature: +35 °C
Maximum sand content: 0.25%
Minimum well diameter: 2 in

MOTOR AND PUMP

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

OPTIONS ON REQUEST

Special mechanical seal
Single-phase motor with built-in capacitor



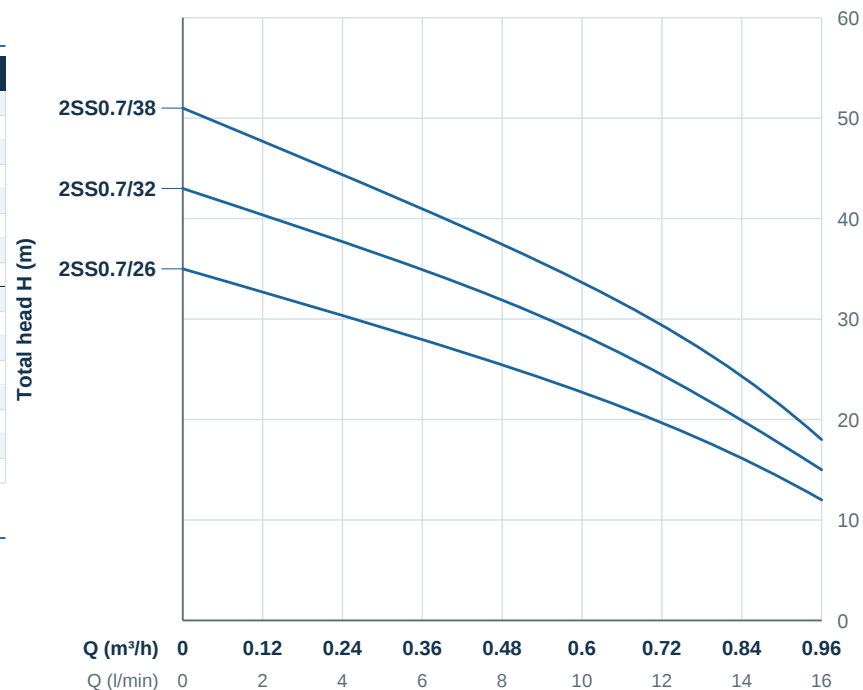
MATERIALS

COMPONENT	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 bracket	① Cast-Cu ASTM C85500 ② Cast iron ASTM No. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep wells (Graphite-Ceramic/TC)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricating oil	Oil for food machinery and pharmaceutical use

PRODUCT NOMENCLATURE

2 SS (M) 0.7 / 26 (N)

2 Well Ø 2 in
SS Pump name
(M) Single-phase (three-phase if M is omitted)
0.7 Capacity (m³/h)
26 Number of impellers
(N) Built-in capacitor (external capacitor if N is omitted)



PERFORMANCE DATA

Power **0.18–0.37 kW** Max. flow **0.96 m³/h** Max. head **51 m** Outlet **0.5 / 0.75 in**

MODEL		P ₂		Q	m³/h l/min	0	0.12	0.24	0.36	0.48	0.6	0.72	0.84	0.96
1~ 220–240 V	3~ 380–415 V	kW	HP			0	2	4	6	8	10	12	14	16
2SSM0.7/26	2SS0.7/26	0.18	0.25	H (m)		35	32	30	28	26	23	20	16	12
2SSM0.7/32	2SS0.7/32	0.25	0.33			43	40	37	35	32	29	24	20	15
2SSM0.7/38	2SS0.7/38	0.37	0.5			51	47	44	41	38	34	29	24	18

DIMENSIONS

P: pump M: motor T: total | 1~ single-phase 3~ three-phase

MODEL		P	M 1~	LENGTH (mm)		T 1~	T 3~
1~	3~			M 3~			
2SSM0.7/26	2SS0.7/26	778	499	–		1277	–
2SSM0.7/32	2SS0.7/32	942	499	–		1441	–
2SSM0.7/38	2SS0.7/38	1084	499	–		1583	–

APPLICATIONS

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Maximum fluid temperature: +35 °C
Maximum sand content: 0.25%
Minimum well diameter: 2.5 in

MOTOR AND PUMP

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

OPTIONS ON REQUEST

Special mechanical seal
Single-phase motor with built-in capacitor



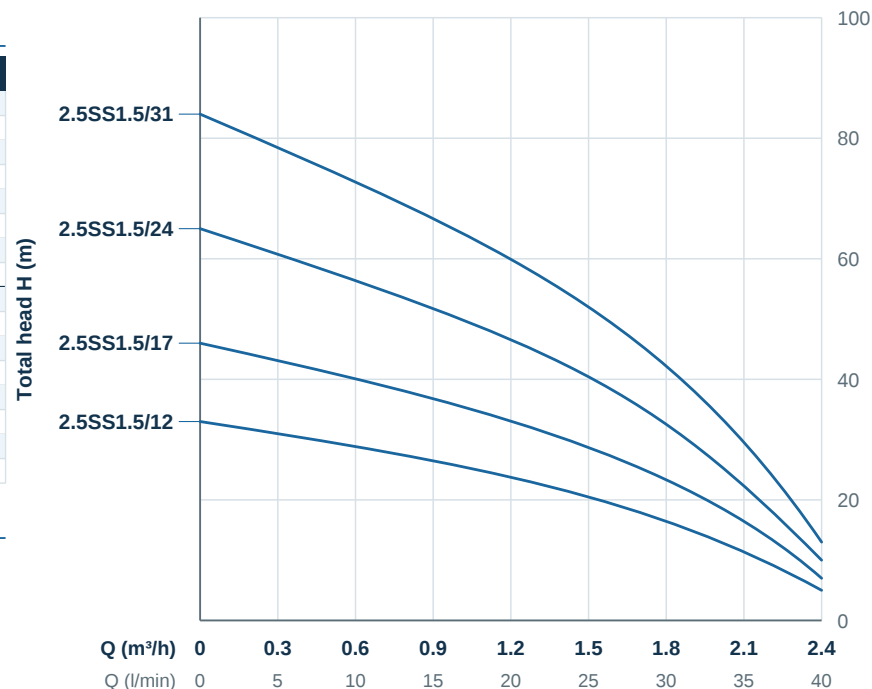
MATERIALS

COMPONENT	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 bracket	① Cast-Cu ASTM C85500 ② Cast iron ASTM No. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep wells (Graphite-Ceramic/TC)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricating oil	Oil for food machinery and pharmaceutical use

PRODUCT NOMENCLATURE

2 SS (M) 0.7 / 26 (N)

2 Well Ø 2 in
SS Pump name
(M) Single-phase (three-phase if M is omitted)
0.7 Capacity (m³/h)
26 Number of impellers
(N) Built-in capacitor (external capacitor if N is omitted)



PERFORMANCE DATA

MODEL		P ₂		Q	m³/h l/min	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4
1~ 220–240 V	3~ 380–415 V	kW	HP			0	5	10	15	20	25	30	35	40
2.5SSM1.5/12	2.5SS1.5/12	0.25	0.33	H (m)	33	30	28	26	23	20	17	11	5	
2.5SSM1.5/17	2.5SS1.5/17	0.37	0.5		46	42	39	37	33	29	24	16	7	
2.5SSM1.5/24	2.5SS1.5/24	0.55	0.75		65	60	56	52	46	40	33	22	10	
2.5SSM1.5/31	2.5SS1.5/31	0.75	1		84	77	72	67	60	52	43	29	13	

DIMENSIONS

MODEL				LENGTH (mm)			
1~	3~	P	M 1~	M 3~	T 1~	T 3~	
2.5SSM1.5/12	2.5SS1.5/12	437	445	–	882	–	
2.5SSM1.5/17	2.5SS1.5/17	570	578	–	1148	–	
2.5SSM1.5/24	2.5SS1.5/24	779	787	–	1566	–	
2.5SSM1.5/31	2.5SS1.5/31	993	1001	–	1994	–	

P: pump M: motor T: total | 1~ single-phase 3~ three-phase

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OPERATING CONDITIONS

Maximum fluid temperature: +35 °C
Maximum sand content: 0.25%
Minimum well diameter: 3 in

MOTOR AND PUMP

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

OPTIONS ON REQUEST

Special mechanical seal
Single-phase motor with built-in capacitor



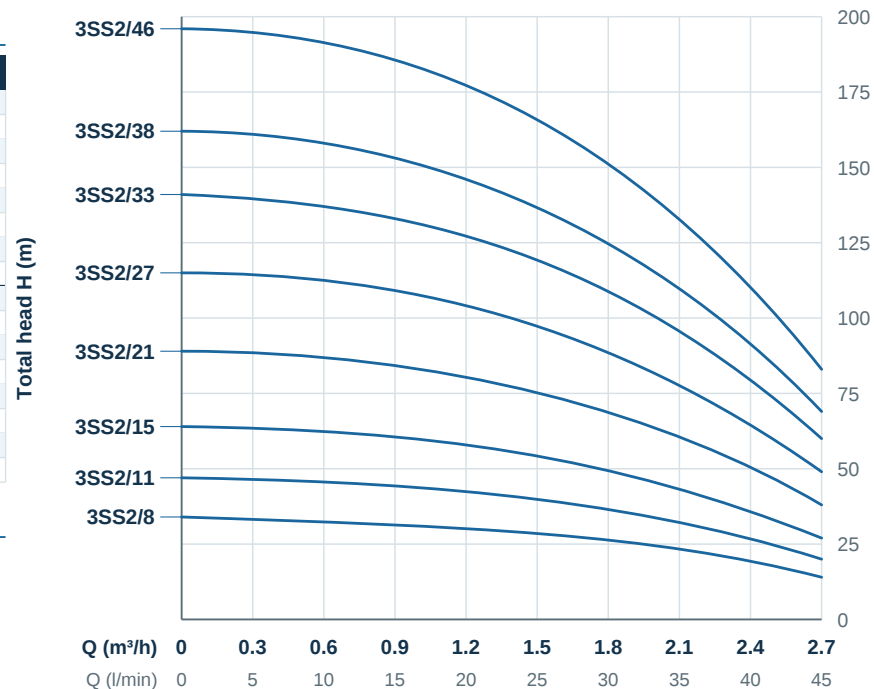
MATERIALS

COMPONENT	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 bracket	① Cast-Cu ASTM C85500 ② Cast iron ASTM No. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep wells (Graphite-Ceramic/TC)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricating oil	Oil for food machinery and pharmaceutical use

PRODUCT NOMENCLATURE

3 SS (M) 2 / 8 (N)

3 Well Ø 3 in
SS Pump name
(M) Single-phase (three-phase if M is omitted)
2 Capacity (m³/h)
8 Number of impellers
(N) Built-in capacitor (external capacitor if N is omitted)



PERFORMANCE DATA

Power **0.18–1.5 kW** Max. flow **2.7 m³/h** Max. head **196 m** Outlet **1 / 1.25 / 1.5 in**

MODEL		P ₂		Q	m³/h l/min	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
1~ 220–240 V	3~ 380–415 V	kW	HP			0	5	10	15	20	25	30	35	40	45
3SSM2/8	3SS2/8	0.18	0.25	H (m)		34	33	32	31	30	29	26	23	19	14
3SSM2/11	3SS2/11	0.25	0.33			47	46	45	44	43	40	36	32	27	20
3SSM2/15	3SS2/15	0.37	0.5			64	63	62	61	58	54	49	43	36	27
3SSM2/21	3SS2/21	0.55	0.75			89	88	87	85	81	76	68	60	51	38
3SSM2/27	3SS2/27	0.75	1			115	114	112	110	104	97	88	77	65	49
3SSM2/33	3SS2/33	0.92	1.25			141	139	136	134	128	119	108	95	80	60
3SSM2/38	3SS2/38	1.1	1.5			162	160	157	154	147	137	124	109	92	69
3SSM2/46	3SS2/46	1.5	2			196	194	190	187	178	166	150	132	111	83

APPLICATIONS

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For domestic use, for civil and industrial applications
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OPERATING CONDITIONS

Maximum fluid temperature: +35 °C
Maximum sand content: 0.25%
Minimum well diameter: 3 in

MOTOR AND PUMP

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

OPTIONS ON REQUEST

Special mechanical seal
Single-phase motor with built-in capacitor



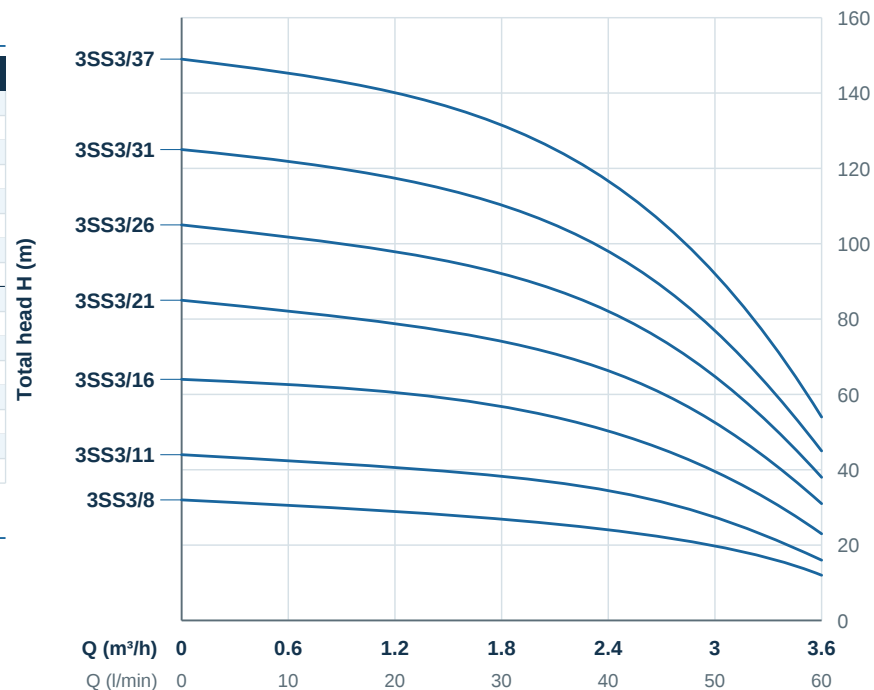
MATERIALS

COMPONENT	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 bracket	① Cast-Cu ASTM C85500 ② Cast iron ASTM No. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep wells (Graphite-Ceramic/TC)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricating oil	Oil for food machinery and pharmaceutical use

PRODUCT NOMENCLATURE

3 SS (M) 2 / 8 (N)

3 Well Ø 3 in
SS Pump name
(M) Single-phase (three-phase if M is omitted)
2 Capacity (m³/h)
8 Number of impellers
(N) Built-in capacitor (external capacitor if N is omitted)



PERFORMANCE DATA

Power **0.25–1.5 kW** Max. flow **3.6 m³/h** Max. head **149 m** Outlet **1 / 1.25 / 1.5 in**

MODEL		P ₂		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	3.3	3.6
1~ 220–240 V	3~ 380–415 V	kW	HP			0	5	10	15	20	25	30	35	40	45	50	55	60
3SSM3/8	3SS3/8	0.25	0.33			32	31	30	29	28	27	26	25	24	23	20	16	12
3SSM3/11	3SS3/11	0.37	0.5			44	43	42	41	40	39	38	37	35	31	27	22	16
3SSM3/16	3SS3/16	0.55	0.75			64	63	62	61	60	59	56	54	51	45	39	32	23
3SSM3/21	3SS3/21	0.75	1	H (m)		85	84	83	81	79	77	74	70	67	60	52	43	31
3SSM3/26	3SS3/26	0.92	1.25			105	104	103	100	98	96	91	87	83	74	64	53	38
3SSM3/31	3SS3/31	1.1	1.5			125	124	122	120	116	114	109	104	99	88	76	63	45
3SSM3/37	3SS3/37	1.5	2			149	148	146	143	139	136	130	124	118	105	91	75	54

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: +35 °C
Maximum sand content: 0.25%
Minimum well diameter: 3 in

MOTOR AND PUMP

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

OPTIONS ON REQUEST

Special mechanical seal
Single-phase motor with built-in capacitor



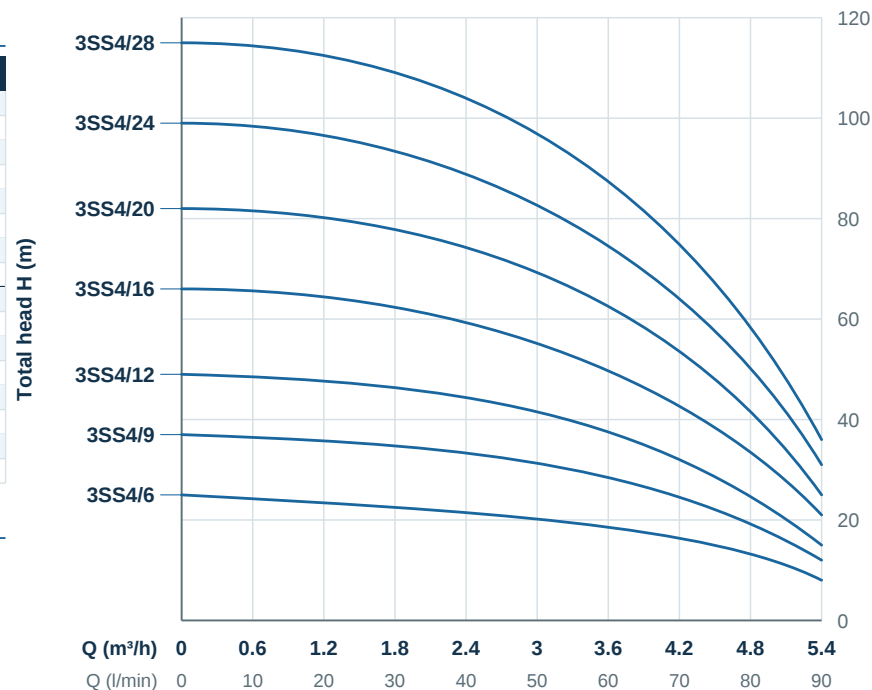
MATERIALS

COMPONENT	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 bracket	① Cast-Cu ASTM C85500 ② Cast iron ASTM No. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep wells (Graphite-Ceramic/TC)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricating oil	Oil for food machinery and pharmaceutical use

PRODUCT NOMENCLATURE

3 SS (M) 2 / 8 (N)

3 Well Ø 3 in
SS Pump name
(M) Single-phase (three-phase if M is omitted)
2 Capacity (m³/h)
8 Number of impellers
(N) Built-in capacitor (external capacitor if N is omitted)



PERFORMANCE DATA

Power **0.25–1.5 kW** Max. flow **5.4 m³/h** Max. head **115 m** Outlet **1 / 1.25 / 1.5 in**

MODEL		P ₂		Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4
1~ 220–240 V	3~ 380–415 V	kW	HP			0	10	20	30	40	50	60	70	80	90
3SSM4/6	3SS4/6	0.25	0.33	H (m)		25	24	23	22	21	20	19	16	13	8
3SSM4/9	3SS4/9	0.37	0.5			37	36	35	34	33	32	28	24	19	12
3SSM4/12	3SS4/12	0.55	0.75			49	48	47	46	45	42	37	32	25	15
3SSM4/16	3SS4/16	0.75	1			66	65	64	62	59	56	50	42	34	21
3SSM4/20	3SS4/20	0.92	1.25			82	81	80	78	74	70	62	53	42	25
3SSM4/24	3SS4/24	1.1	1.5			99	98	97	93	89	84	75	63	51	31
3SSM4/28	3SS4/28	1.5	2			115	114	113	109	104	98	87	74	59	36

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: +35 °C
Maximum sand content: 0.25%
Minimum well diameter: 4 in

MOTOR AND PUMP

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

OPTIONS ON REQUEST

Special mechanical seal
Single-phase motor with built-in capacitor



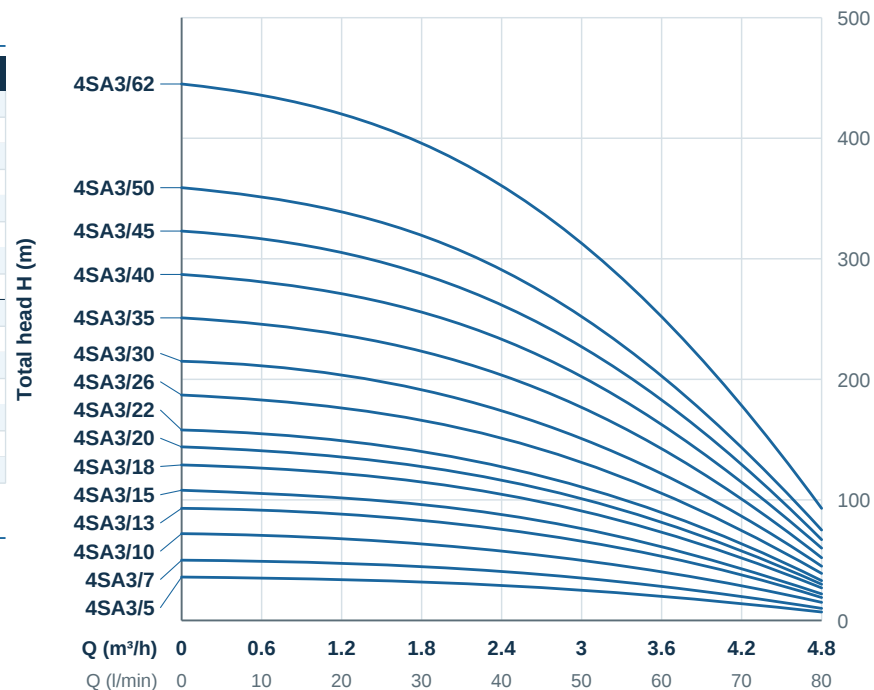
MATERIALS

COMPONENT	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 bracket	① Cast-Cu ASTM C85500 ② AISI 420 SS ③ Cast iron ASTM No. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep wells (Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricating oil	Oil for food machinery and pharmaceutical use

PRODUCT NOMENCLATURE

4 SA (M) 3 / 5 (N)

4 Well Ø 4 in
SA Pump name
(M) Single-phase (three-phase if M is omitted)
3 Capacity (m³/h)
5 Number of impellers
(N) Built-in capacitor (external capacitor if N is omitted)



PERFORMANCE DATA

Power **0.25–5.5 kW** Max. flow **4.8 m³/h** Max. head **445 m** Outlet **1.25 / 1.5 in**

MODEL		P ₂		Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
1~ 220–240 V	3~ 380–415 V	kW	HP			0	10	20	30	40	50	60	70	80
4SAM3/5	4SA3/5	0.25	0.33	H (m)		36	35	34	32	29	25	20	14	7
4SAM3/7	4SA3/7	0.37	0.5			50	49	47	45	41	35	28	20	10
4SAM3/10	4SA3/10	0.55	0.75			72	70	68	64	58	50	40	29	15
4SAM3/13	4SA3/13	0.75	1			93	91	88	83	76	66	53	38	19
4SAM3/15	4SA3/15	0.92	1.25			108	105	102	96	88	76	61	43	22
4SAM3/18	4SA3/18	1.1	1.5			129	126	122	115	105	91	73	52	27
4SAM3/20	4SA3/20	1.3	1.75			144	140	135	128	117	101	81	58	30
4SAM3/22	4SA3/22	1.5	2			158	154	149	141	128	111	89	64	33
4SAM3/26	4SA3/26	1.8	2.5			187	182	176	166	152	131	105	75	39
4SAM3/30	4SA3/30	2.2	3			215	210	203	192	175	151	121	87	45
4SAM3/35	4SA3/35	2.6	3.5			251	245	237	224	204	177	142	101	52
–	4SA3/40	3	4			287	280	271	255	234	202	162	115	60
–	4SA3/45	3.7	5			323	315	305	287	263	227	182	130	67
–	4SA3/50	4	5.5			359	350	339	319	292	252	202	144	75
–	4SA3/62	5.5	7.5			445	434	420	396	362	313	251	179	93

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Minimum well diameter: 4 in

MOTOR AND PUMP

Rewindable motor
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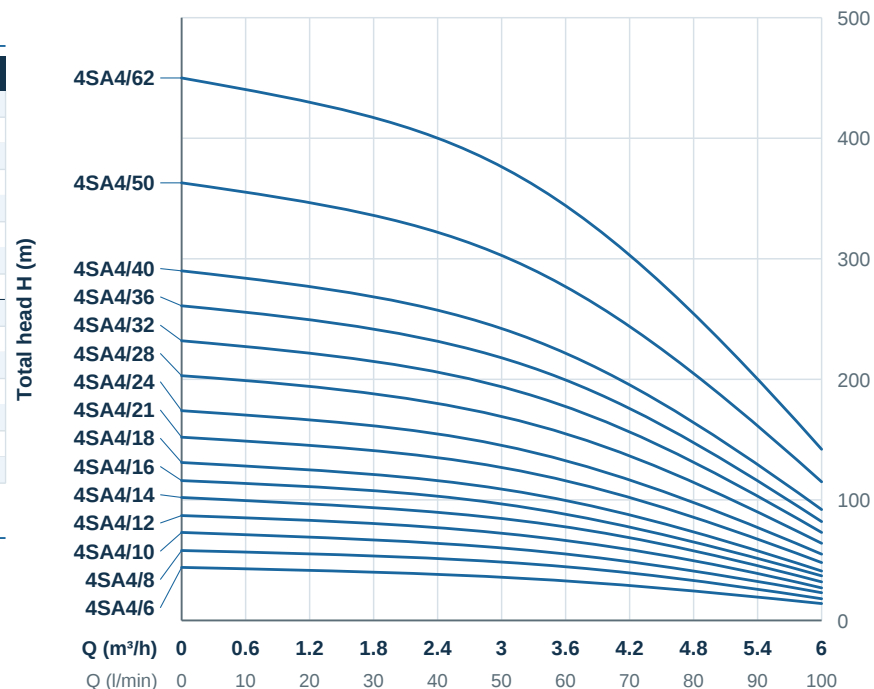
MATERIALS

COMPONENT	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 bracket	① Cast-Cu ASTM C85500 ② AISI 420 SS ③ Cast iron ASTM No. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep wells (Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricating oil	Oil for food machinery and pharmaceutical use

PRODUCT NOMENCLATURE

4 SA (M) 3 / 5 (N)

4 Well Ø 4 in
SA Pump name
(M) Single-phase (three-phase if M is omitted)
3 Capacity (m³/h)
5 Number of impellers
(N) Built-in capacitor (external capacitor if N is omitted)



PERFORMANCE DATA

MODEL		P ₂		Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
1~ 220–240 V	3~ 380–415 V	kW	HP			0	10	20	30	40	50	60	70	80	90	100
H (m)																
4SAM4/6	4SA4/6	0.37	0.5			44	42	41	40	39	36	33	29	24	19	14
4SAM4/8	4SA4/8	0.55	0.75			58	56	55	54	52	49	44	39	33	26	18
4SAM4/10	4SA4/10	0.75	1			73	70	69	67	65	61	55	48	41	32	23
4SAM4/12	4SA4/12	0.92	1.25			87	84	82	81	78	73	66	58	49	39	27
4SAM4/14	4SA4/14	1.1	1.5			102	98	96	94	91	85	77	68	57	45	32
4SAM4/16	4SA4/16	1.3	1.75			116	113	110	107	104	97	88	77	65	51	37
4SAM4/18	4SA4/18	1.5	2	H (m)		131	127	124	121	117	109	99	87	73	58	41
4SAM4/21	4SA4/21	1.8	2.5			152	148	144	141	136	128	115	102	85	67	48
4SAM4/24	4SA4/24	2.2	3			174	169	165	161	156	146	132	116	98	77	55
4SAM4/28	4SA4/28	2.6	3.5			203	197	192	188	182	170	154	135	114	90	64
–	4SA4/32	3	4			232	225	220	215	208	195	176	155	130	103	73
–	4SA4/36	3.7	5			261	253	247	242	234	219	198	174	146	116	82
–	4SA4/40	4	5.5			290	281	275	268	260	243	220	194	163	128	92
–	4SA4/50	5.5	7.5			363	352	344	335	325	304	275	242	203	160	115
–	4SA4/62	7.5	10			450	436	426	416	403	377	341	300	252	199	142

Power **0.37–7.5 kW** Max. flow **6 m³/h** Max. head **450 m** Outlet **1.5 in**

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: +35 °C
Maximum sand content: 0.25%
Minimum well diameter: 4 in

MOTOR AND PUMP

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

OPTIONS ON REQUEST

Special mechanical seal
Single-phase motor with built-in capacitor



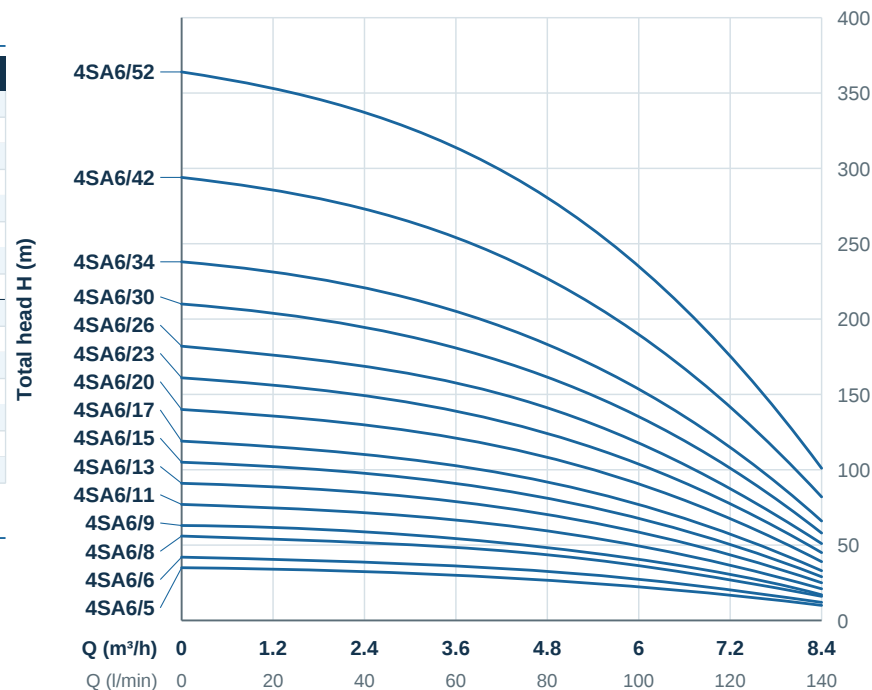
MATERIALS

COMPONENT	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 bracket	① Cast-Cu ASTM C85500 ② AISI 420 SS ③ Cast iron ASTM No. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep wells (Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricating oil	Oil for food machinery and pharmaceutical use

PRODUCT NOMENCLATURE

4 SA (M) 3 / 5 (N)

4 Well Ø 4 in
SA Pump name
(M) Single-phase (three-phase if M is omitted)
3 Capacity (m³/h)
5 Number of impellers
(N) Built-in capacitor (external capacitor if N is omitted)



PERFORMANCE DATA

Power **0.37–7.5 kW** Max. flow **8.4 m³/h** Max. head **364 m** Outlet **1.5 in**

MODEL		P ₂		Q	m³/h	H (m)							
1~ 220–240 V	3~ 380–415 V	kW	HP			0	1.2	2.4	3.6	4.8	6	7.2	8.4
					l/min	0	20	40	60	80	100	120	140
4SAM6/5	4SA6/5	0.37	0.5			35	34	32	30	27	22	17	10
4SAM6/6	4SA6/6	0.55	0.75			42	40	39	36	33	27	20	12
4SAM6/8	4SA6/8	0.75	1			56	54	52	48	44	36	27	16
4SAM6/9	4SA6/9	0.92	1.25			63	61	58	55	49	40	31	17
4SAM6/11	4SA6/11	1.1	1.5			77	74	71	67	60	49	37	21
4SAM6/13	4SA6/13	1.3	1.75			91	88	84	79	71	58	44	25
4SAM6/15	4SA6/15	1.5	2			105	101	97	91	82	67	51	29
4SAM6/17	4SA6/17	1.8	2.5			119	114	110	103	93	76	58	33
4SAM6/20	4SA6/20	2.2	3			140	135	129	121	109	90	68	39
4SAM6/23	4SA6/23	2.6	3.5			161	155	149	139	125	103	78	45
4SAM6/26	4SA6/26	3	4			182	175	168	158	142	117	88	51
–	4SA6/30	3.7	5			210	202	194	182	163	134	102	58
–	4SA6/34	4	5.5			238	229	220	206	185	152	116	66
–	4SA6/42	5.5	7.5			294	283	271	254	229	188	143	82
–	4SA6/52	7.5	10			364	350	336	315	283	233	177	101

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: +35 °C
Maximum sand content: 0.25%
Minimum well diameter: 4 in

MOTOR AND PUMP

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

OPTIONS ON REQUEST

Special mechanical seal
Single-phase motor with built-in capacitor



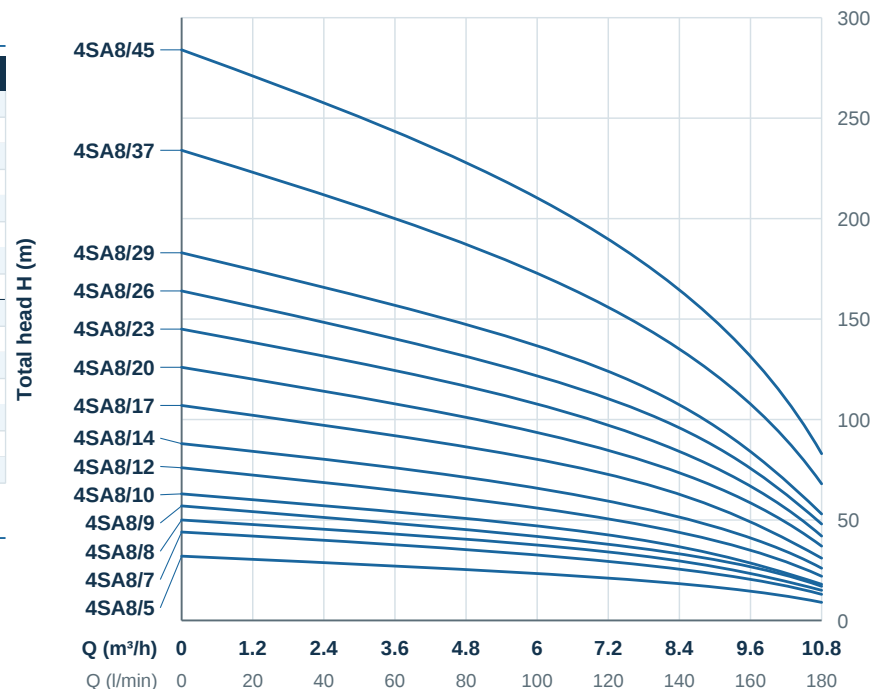
MATERIALS

COMPONENT	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 bracket	① Cast-Cu ASTM C85500 ② AISI 420 SS ③ Cast iron ASTM No. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep wells (Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricating oil	Oil for food machinery and pharmaceutical use

PRODUCT NOMENCLATURE

4 SA (M) 3 / 5 (N)

4 Well Ø 4 in
SA Pump name
(M) Single-phase (three-phase if M is omitted)
3 Capacity (m³/h)
5 Number of impellers
(N) Built-in capacitor (external capacitor if N is omitted)



PERFORMANCE DATA

Power **0.55–7.5 kW** Max. flow **10.8 m³/h** Max. head **284 m** Outlet **1.5 in**

MODEL		P ₂		Q	m³/h l/min	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8
1~ 220–240 V	3~ 380–415 V	kW	HP			0	20	40	60	80	100	120	140	160	180
4SAM8/5	4SA8/5	0.55	0.75	H (m)		32	31	28	26	25	24	22	18	14	9
4SAM8/7	4SA8/7	0.75	1			44	43	39	37	35	33	30	26	20	13
4SAM8/8	4SA8/8	0.92	1.25			50	49	45	42	40	38	35	30	23	15
4SAM8/9	4SA8/9	1.1	1.5			57	55	51	47	45	43	39	33	26	17
4SAM8/10	4SA8/10	1.3	1.75			63	61	56	53	50	48	43	37	28	18
4SAM8/12	4SA8/12	1.5	2			76	73	67	63	60	57	52	44	34	22
4SAM8/14	4SA8/14	1.8	2.5			88	86	79	74	70	67	61	52	40	26
4SAM8/17	4SA8/17	2.2	3			107	104	96	90	85	81	74	63	48	31
4SAM8/20	4SA8/20	2.6	3.5			126	122	112	105	100	95	87	74	57	37
–	4SA8/23	3	4			145	141	129	121	115	109	100	85	65	42
–	4SA8/26	3.7	5			164	159	146	137	130	124	113	96	74	48
–	4SA8/29	4	5.5			183	177	163	153	145	138	126	107	82	53
–	4SA8/37	5.5	7.5			234	226	208	195	185	176	160	136	105	68
–	4SA8/45	7.5	10			284	275	253	237	225	214	195	166	128	83

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: +35 °C
Maximum sand content: 0.25%
Minimum well diameter: 4 in

MOTOR AND PUMP

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

OPTIONS ON REQUEST

Special mechanical seal
Single-phase motor with built-in capacitor



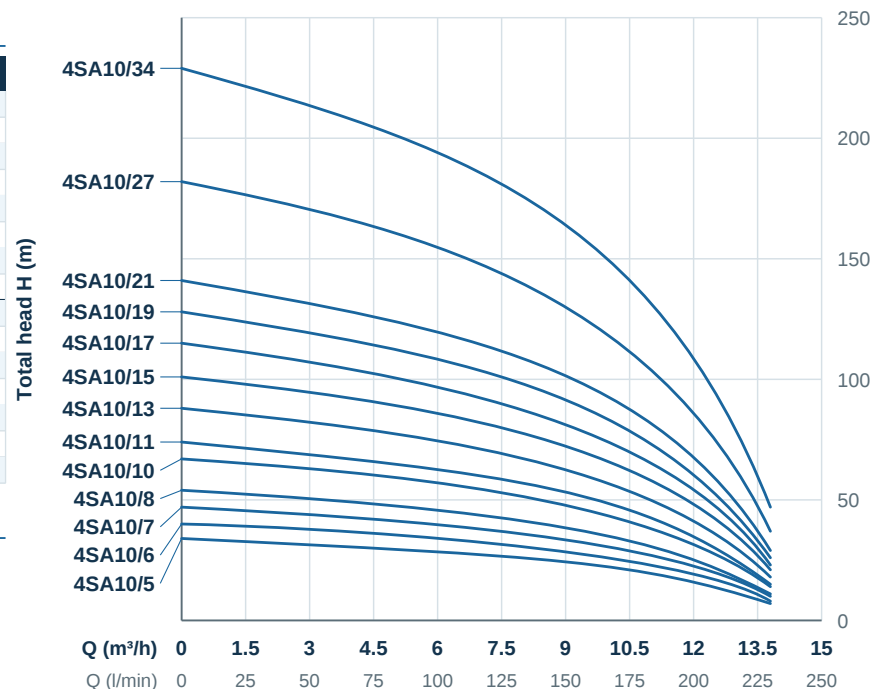
MATERIALS

COMPONENT	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 bracket	① Cast-Cu ASTM C85500 ② AISI 420 SS ③ Cast iron ASTM No. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep wells (Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricating oil	Oil for food machinery and pharmaceutical use

PRODUCT NOMENCLATURE

4 SA (M) 3 / 5 (N)

4 Well Ø 4 in
SA Pump name
(M) Single-phase (three-phase if M is omitted)
3 Capacity (m³/h)
5 Number of impellers
(N) Built-in capacitor (external capacitor if N is omitted)



PERFORMANCE DATA

Power **0.75–7.5 kW** Max. flow **13.8 m³/h** Max. head **229 m** Outlet **1.5 in**

MODEL		P ₂		Q	m³/h l/min	0	1.8	3.6	5.4	7.2	9	10.8	12.6	13.8
1~ 220–240 V	3~ 380–415 V	kW	HP			0	30	60	90	120	150	180	210	230
4SAM10/5	4SA10/5	0.75	1			34	33	30	29	27	25	20	13	7
4SAM10/6	4SA10/6	0.92	1.25			40	40	37	34	33	29	24	16	8
4SAM10/7	4SA10/7	1.1	1.5			47	46	43	40	38	34	28	19	10
4SAM10/8	4SA10/8	1.3	1.75			54	53	49	46	44	39	32	21	11
4SAM10/10	4SA10/10	1.5	2			67	66	61	57	55	49	40	26	14
4SAM10/11	4SA10/11	1.8	2.5			74	72	67	63	60	54	44	29	15
4SAM10/13	4SA10/13	2.2	3	H (m)		88	86	79	75	71	64	52	34	18
4SAM10/15	4SA10/15	2.6	3.5			101	99	91	86	82	74	60	40	21
4SAM10/17	4SA10/17	3	4			115	112	104	97	93	83	67	45	23
–	4SA10/19	3.7	5			128	125	116	109	104	93	75	50	26
–	4SA10/21	4	5.5			141	138	128	120	115	103	83	56	29
–	4SA10/27	5.5	7.5			182	178	164	155	148	133	107	71	37
–	4SA10/34	7.5	10			229	224	207	195	186	167	135	90	47

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: +35 °C
Maximum sand content: 0.25%
Minimum well diameter: 4 in

MOTOR AND PUMP

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

OPTIONS ON REQUEST

Special mechanical seal
Single-phase motor with built-in capacitor



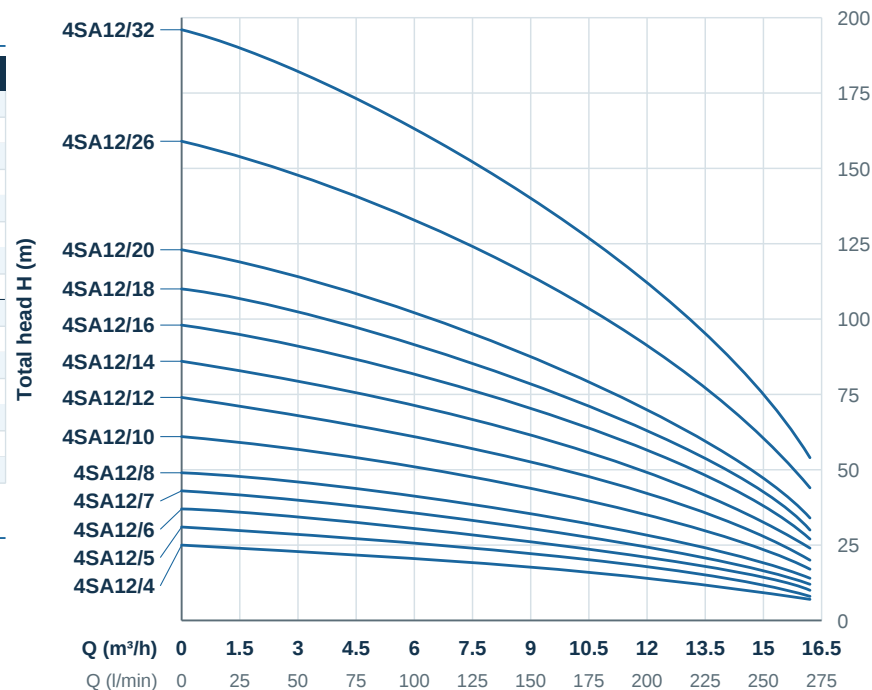
MATERIALS

COMPONENT	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 bracket	① Cast-Cu ASTM C85500 ② AISI 420 SS ③ Cast iron ASTM No. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep wells (Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricating oil	Oil for food machinery and pharmaceutical use

PRODUCT NOMENCLATURE

4 SA (M) 3 / 5 (N)

4 Well Ø 4 in
SA Pump name
(M) Single-phase (three-phase if M is omitted)
3 Capacity (m³/h)
5 Number of impellers
(N) Built-in capacitor (external capacitor if N is omitted)



PERFORMANCE DATA

MODEL		P ₂		Q	m³/h	Total head H (m)									
1~ 220–240 V	3~ 380–415 V	kW	HP			0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2
					l/min	0	30	60	90	120	150	180	210	240	270
4SAM12/4	4SA12/4	0.75	1			25	24	22	21	19	18	16	13	10	7
4SAM12/5	4SA12/5	0.92	1.25			31	30	28	26	24	22	20	17	13	8
4SAM12/6	4SA12/6	1.1	1.5			37	36	34	31	29	26	23	20	16	10
4SAM12/7	4SA12/7	1.3	1.75			43	42	39	36	34	31	27	23	18	12
4SAM12/8	4SA12/8	1.5	2			49	48	45	42	39	35	31	27	21	14
4SAM12/10	4SA12/10	1.8	2.5			61	59	56	52	48	44	39	33	26	17
4SAM12/12	4SA12/12	2.2	3	H (m)		74	71	67	62	58	53	47	40	31	20
4SAM12/14	4SA12/14	2.6	3.5			86	83	78	73	67	62	55	46	36	24
–	4SA12/16	3	4			98	95	90	83	77	71	63	53	42	27
–	4SA12/18	3.7	5			110	107	101	93	87	79	70	60	47	30
–	4SA12/20	4	5.5			123	119	112	104	96	88	78	66	52	34
–	4SA12/26	5.5	7.5			159	154	145	135	125	115	102	86	67	44
–	4SA12/32	7.5	10			196	190	179	166	154	141	125	106	83	54

Power **0.75–7.5 kW** Max. flow **16.2 m³/h** Max. head **196 m** Outlet **2 in**

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: +35 °C
Maximum sand content: 0.25%
Minimum well diameter: 4 in

MOTOR AND PUMP

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

OPTIONS ON REQUEST

Special mechanical seal
Single-phase motor with built-in capacitor



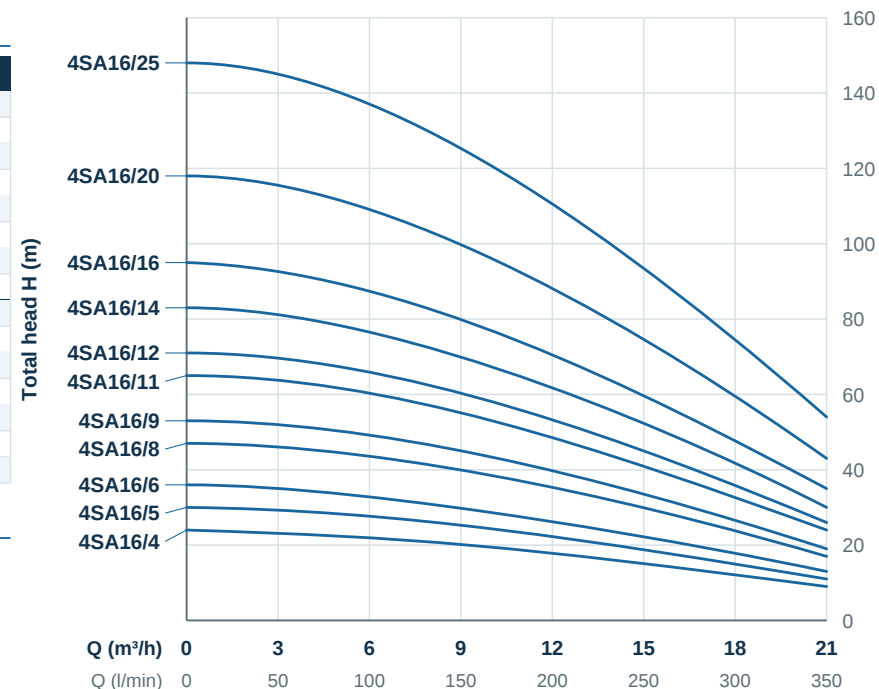
MATERIALS

COMPONENT	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 bracket	① Cast-Cu ASTM C85500 ② AISI 420 SS ③ Cast iron ASTM No. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep wells (Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricating oil	Oil for food machinery and pharmaceutical use

PRODUCT NOMENCLATURE

4 SA (M) 3 / 5 (N)

4 Well Ø 4 in
SA Pump name
(M) Single-phase (three-phase if M is omitted)
3 Capacity (m³/h)
5 Number of impellers
(N) Built-in capacitor (external capacitor if N is omitted)



PERFORMANCE DATA

Power **1.1–7.5 kW** Max. flow **21 m³/h** Max. head **148 m** Outlet **2 in**

MODEL		P ₂		Q	m³/h l/min	0	3	6	9	12	15	18	21
1~ 220–240 V	3~ 380–415 V	kW	HP			0	50	100	150	200	250	300	350
4SAM16/4	4SA16/4	1.1	1.5		24	23	22	20	18	15	12	9	
4SAM16/5	4SA16/5	1.3	1.75		30	29	28	25	22	19	15	11	
4SAM16/6	4SA16/6	1.5	2		36	35	33	30	26	22	18	13	
4SAM16/8	4SA16/8	1.8	2.5		47	46	44	40	35	30	24	17	
4SAM16/9	4SA16/9	2.2	3		53	52	50	45	40	33	27	19	
4SAM16/11	4SA16/11	2.6	3.5	H (m)	65	64	61	55	48	41	33	24	
–	4SA16/12	3	4		71	70	66	60	53	45	36	26	
–	4SA16/14	3.7	5		83	81	77	70	62	52	42	30	
–	4SA16/16	4	5.5		95	93	88	80	70	60	48	35	
–	4SA16/20	5.5	7.5		118	116	110	100	88	74	60	43	
–	4SA16/25	7.5	10		148	145	138	125	110	93	75	54	

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: +35 °C
Maximum sand content: 0.25%
Minimum well diameter: 6 in

MOTOR AND PUMP

Rewindable motor
Three-phase: 380–415 V / 50 Hz
With start control box or digital auto-control box
Curve tolerance according to ISO 9906

OPTIONS ON REQUEST

Special mechanical seal



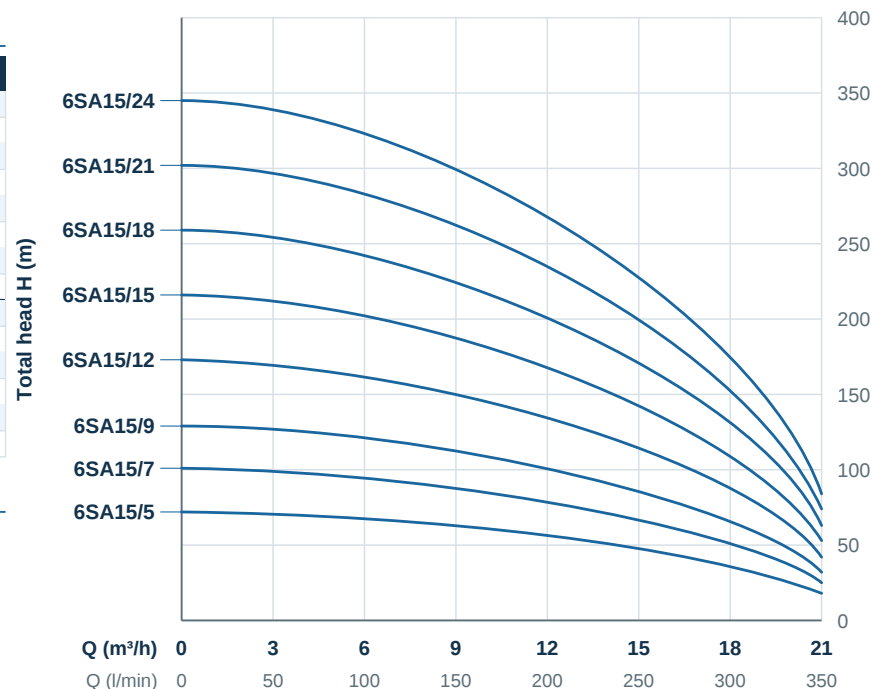
MATERIALS

COMPONENT	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 bracket	Cast iron ASTM No. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep wells (Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricating oil	Oil for food machinery and pharmaceutical use

PRODUCT NOMENCLATURE

6 SA 15 / 5

6 Well Ø 6 in
SA Pump name
15 Capacity (m³/h)
5 Number of impellers



PERFORMANCE DATA

Power **3–15 kW** Max. flow **21 m³/h** Max. head **345 m** Outlet **3 in**

MODEL		P ₂		Q	m³/h l/min	0	3	6	9	12	15	18	21
1~ 220–240 V	3~ 380–415 V	kW	HP			0	50	100	150	200	250	300	350
–	6SA15/5	3	4	H (m)		72	70	68	63	56	48	36	18
–	6SA15/7	4	5.5			101	99	95	88	78	67	51	25
–	6SA15/9	5.5	7.5			129	127	122	113	100	86	66	32
–	6SA15/12	7.5	10			173	169	162	150	134	114	88	42
–	6SA15/15	9.2	12.5			216	211	203	188	167	143	109	53
–	6SA15/18	11	15			259	254	243	225	200	171	131	63
–	6SA15/21	13	17.5			302	296	284	263	234	200	153	74
–	6SA15/24	15	20			345	338	324	300	267	228	175	84

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: +35 °C
Maximum sand content: 0.25%
Minimum well diameter: 6 in

MOTOR AND PUMP

Rewindable motor
Three-phase: 380–415 V / 50 Hz
With start control box or digital auto-control box
Curve tolerance according to ISO 9906

OPTIONS ON REQUEST

Special mechanical seal



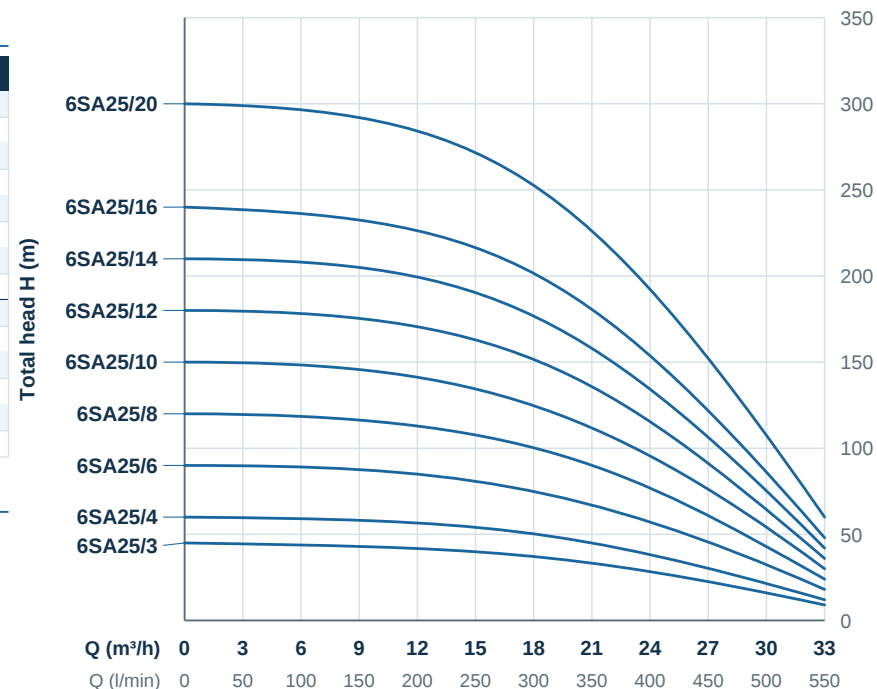
MATERIALS

COMPONENT	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 bracket	Cast iron ASTM No. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep wells (Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricating oil	Oil for food machinery and pharmaceutical use

PRODUCT NOMENCLATURE

6 SA 15 / 5

6 Well Ø 6 in
SA Pump name
15 Capacity (m³/h)
5 Number of impellers



PERFORMANCE DATA

Power **3–18.5 kW** Max. flow **33 m³/h** Max. head **300 m** Outlet **3 in**

MODEL		P ₂		Q	m³/h l/min	0	3	6	9	12	15	18	21	24	27	30	33
1~ 220–240 V	3~ 380–415 V	kW	HP			0	50	100	150	200	250	300	350	400	450	500	550
–	6SA25/3	3	4			45	44	43	42	41	40	38	33	28	22	16	9
–	6SA25/4	4	5.5			60	59	58	57	56	54	50	45	39	30	21	12
–	6SA25/6	5.5	7.5			90	89	88	87	85	81	76	66	58	45	32	18
–	6SA25/8	7.5	10			120	119	118	117	113	108	101	89	78	60	43	24
–	6SA25/10	9.2	12.5	H (m)		150	149	148	146	141	135	126	111	97	75	55	30
–	6SA25/12	11	15			180	179	178	175	169	162	151	134	117	90	65	36
–	6SA25/14	13	17.5			210	209	208	204	197	189	176	156	136	105	76	42
–	6SA25/16	15	20			240	239	238	234	226	216	202	178	156	120	87	48
–	6SA25/20	18.5	25			300	299	298	292	282	270	252	223	195	150	109	60

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: +35 °C
Maximum sand content: 0.25%
Minimum well diameter: 6 in

MOTOR AND PUMP

Rewindable motor
Three-phase: 380–415 V / 50 Hz
With start control box or digital auto-control box
Curve tolerance according to ISO 9906

OPTIONS ON REQUEST

Special mechanical seal



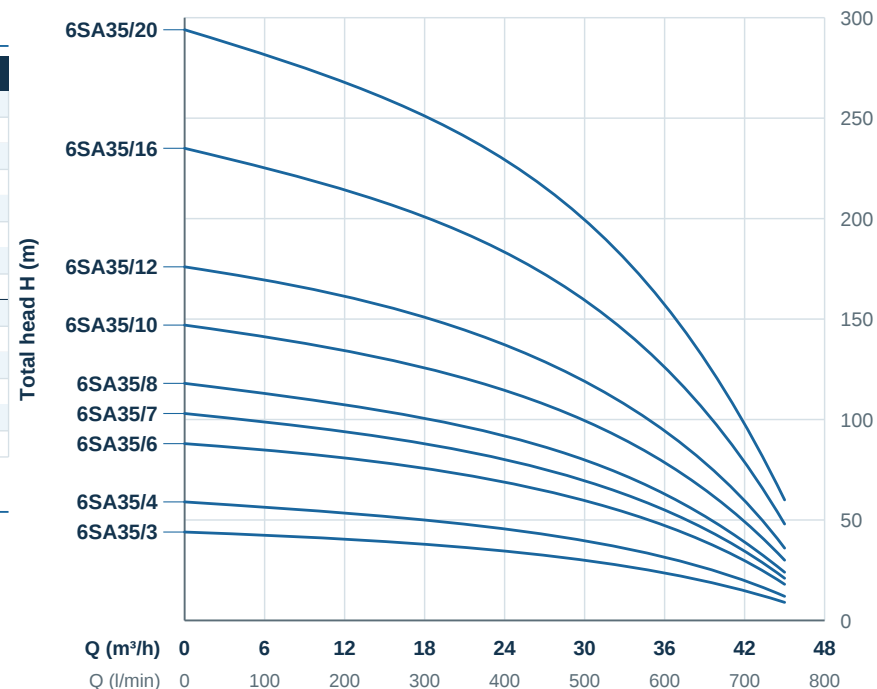
MATERIALS

COMPONENT	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 bracket	Cast iron ASTM No. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep wells (Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricating oil	Oil for food machinery and pharmaceutical use

PRODUCT NOMENCLATURE

6 SA 15 / 5

6 Well Ø 6 in
SA Pump name
15 Capacity (m³/h)
5 Number of impellers



PERFORMANCE DATA

Power **4–22 kW** Max. flow **45 m³/h** Max. head **294 m** Outlet **3 in**

MODEL		P ₂		Q	m³/h l/min	0	5	10	15	20	25	30	35	40	45
1~ 220–240 V	3~ 380–415 V	kW	HP			0	83	167	250	333	417	500	583	667	750
–	6SA35/3	4	5.5			44	43	41	39	37	34	30	25	18	9
–	6SA35/4	5.5	7.5			59	57	54	52	49	45	40	33	24	12
–	6SA35/6	7.5	10			88	86	82	78	73	67	60	50	36	18
–	6SA35/7	9.2	12.5			103	100	95	91	85	78	70	58	42	21
–	6SA35/8	11	15	H (m)		118	114	109	104	98	90	80	66	48	24
–	6SA35/10	13	17.5			147	143	136	130	122	112	100	83	60	30
–	6SA35/12	15	20			176	171	163	155	146	134	120	100	72	36
–	6SA35/16	18.5	25			235	228	218	207	195	179	160	133	96	48
–	6SA35/20	22	30			294	285	272	259	244	224	200	166	120	60

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: +35 °C
Maximum sand content: 0.25%
Minimum well diameter: 6 in

MOTOR AND PUMP

Rewindable motor
Three-phase: 380–415 V / 50 Hz
With start control box or digital auto-control box
Curve tolerance according to ISO 9906

OPTIONS ON REQUEST

Special mechanical seal



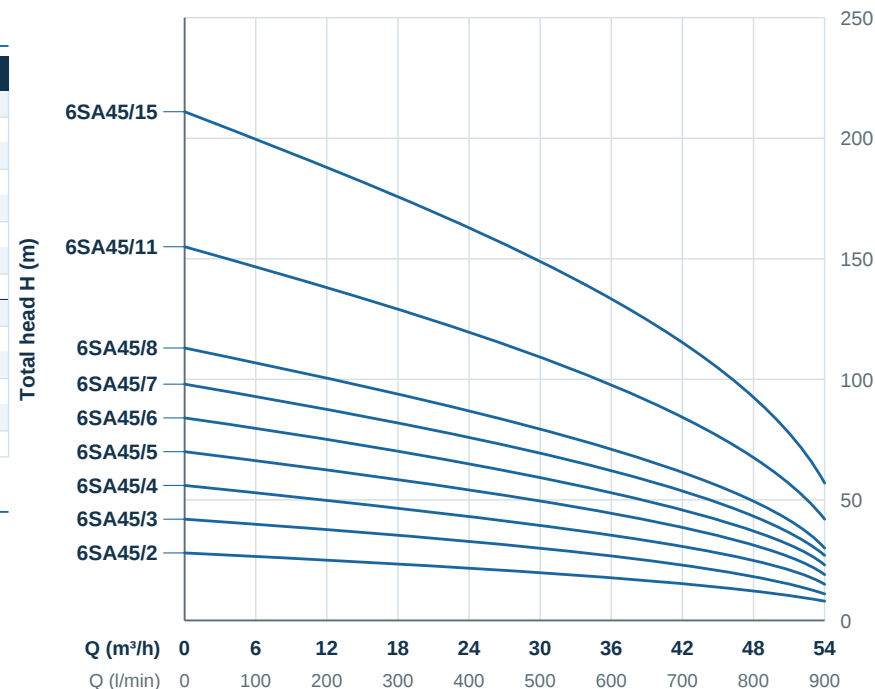
MATERIALS

COMPONENT	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 bracket	Cast iron ASTM No. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep wells (Graphite-Ceramic)
Shaft	AISI 304 SS-ASTM 5140
Seal lubricating oil	Oil for food machinery and pharmaceutical use

PRODUCT NOMENCLATURE

6 SA 15 / 5

6 Well Ø 6 in
SA Pump name
15 Capacity (m³/h)
5 Number of impellers



PERFORMANCE DATA

Power **4–22 kW** Max. flow **54 m³/h** Max. head **211 m** Outlet **3 in**

MODEL		P ₂		Q	m³/h l/min	0	6	12	18	24	30	36	42	48	54
1~ 220–240 V	3~ 380–415 V	kW	HP			0	100	200	300	400	500	600	700	800	900
–	6SA45/2	4	5.5			28	27	25	23	22	20	18	15	12	8
–	6SA45/3	5.5	7.5			42	40	38	35	33	30	27	23	18	11
–	6SA45/4	7.5	10			56	53	50	47	43	39	35	31	25	15
–	6SA45/5	9.2	12.5			70	67	63	58	54	49	44	39	31	19
–	6SA45/6	11	15	H (m)		84	80	75	70	65	59	53	46	37	23
–	6SA45/7	13	17.5			98	93	88	82	76	69	62	54	43	27
–	6SA45/8	15	20			113	107	100	93	87	79	71	62	49	30
–	6SA45/11	18.5	25			155	147	138	128	120	109	98	85	67	42
–	6SA45/15	22	30			211	200	188	175	163	148	133	116	92	57

MODEL		LENGTH (mm)				
1~	3~	P	M 1~	M 3~	T 1~	T 3~
2SS0.7 Outlet 0.5 / 0.75 in						
2SSM0.7/26	2SS0.7/26	778	499	—	1277	—
2SSM0.7/32	2SS0.7/32	942	499	—	1441	—
2SSM0.7/38	2SS0.7/38	1084	499	—	1583	—
2.5SS1.5 Outlet 1 in						
2.5SSM1.5/12	2.5SS1.5/12	437	445	—	882	—
2.5SSM1.5/17	2.5SS1.5/17	570	578	—	1148	—
2.5SSM1.5/24	2.5SS1.5/24	779	787	—	1566	—
2.5SSM1.5/31	2.5SS1.5/31	993	1001	—	1994	—
3SS2 Outlet 1 / 1.25 / 1.5 in						
3SSM2/8	3SS2/8	377	288	288	665	665
3SSM2/11	3SS2/11	444	308	288	752	732
3SSM2/15	3SS2/15	535	338	308	873	843
3SSM2/21	3SS2/21	694	368	338	1062	1032
3SSM2/27	3SS2/27	830	408	368	1238	1198
3SSM2/33	3SS2/33	966	448	408	1414	1374
3SSM2/38	3SS2/38	1101	493	448	1594	1549
3SSM2/46	3SS2/46	1306	543	493	1849	1799
3SS3 Outlet 1 / 1.25 / 1.5 in						
3SSM3/8	3SS3/8	405	308	288	713	693
3SSM3/11	3SS3/11	483	338	308	821	791
3SSM3/16	3SS3/16	613	368	338	981	951
3SSM3/21	3SS3/21	768	408	368	1176	1136
3SSM3/26	3SS3/26	898	448	408	1346	1306
3SSM3/31	3SS3/31	1029	493	448	1522	1477
3SSM3/37	3SS3/37	1209	543	493	1752	1702
3SS4 Outlet 1 / 1.25 / 1.5 in						
3SSM4/6	3SS4/6	397	308	288	705	685
3SSM4/9	3SS4/9	498	338	308	836	806
3SSM4/12	3SS4/12	599	368	338	967	937
3SSM4/16	3SS4/16	757	408	368	1165	1125
3SSM4/20	3SS4/20	892	448	408	1340	1300
3SSM4/24	3SS4/24	1026	493	448	1519	1474
3SSM4/28	3SS4/28	1184	543	493	1727	1677
4SA3 Outlet 1.25 / 1.5 in						
4SAM3/5	4SA3/5	355	299	299	654	654
4SAM3/7	4SA3/7	409	314	314	723	723
4SAM3/10	4SA3/10	490	329	329	819	819
4SAM3/13	4SA3/13	571	359	344	930	915
4SAM3/15	4SA3/15	624	379	379	1003	1003
4SAM3/18	4SA3/18	737	399	379	1136	1116
4SAM3/20	4SA3/20	790	424	424	1214	1214
4SAM3/22	4SA3/22	844	449	424	1293	1268
4SAM3/26	4SA3/26	952	502	514	1454	1466
4SAM3/30	4SA3/30	1059	542	514	1601	1573
4SAM3/35	4SA3/35	1194	594	554	1788	1748
—	4SA3/40	1360	—	594	—	1954
—	4SA3/45	1494	—	658	—	2152
—	4SA3/50	1629	—	698	—	2327
—	4SA3/62	1983	—	788	—	2771

MODEL		LENGTH (mm)				
1~	3~	P	M 1~	M 3~	T 1~	T 3~
4SA4 Outlet 1.5 in						
4SAM4/6	4SA4/6	396	314	314	710	710
4SAM4/8	4SA4/8	454	329	329	783	783
4SAM4/10	4SA4/10	513	359	344	872	857
4SAM4/12	4SA4/12	571	379	379	950	950
4SAM4/14	4SA4/14	630	399	379	1029	1009
4SAM4/16	4SA4/16	688	424	424	1112	1112
4SAM4/18	4SA4/18	778	449	424	1227	1202
4SAM4/21	4SA4/21	866	502	514	1368	1380
4SAM4/24	4SA4/24	953	542	514	1495	1467
4SAM4/28	4SA4/28	1070	594	554	1664	1624
—	4SA4/32	1187	—	594	—	1781
—	4SA4/36	1335	—	658	—	1993
—	4SA4/40	1452	—	698	—	2150
—	4SA4/50	1744	—	788	—	2532
—	4SA4/62	2126	—	908	—	3034
4SA6 Outlet 1.5 in						
4SAM6/5	4SA6/5	400	314	314	714	714
4SAM6/6	4SA6/6	435	344	344	779	779
4SAM6/8	4SA6/8	510	359	359	869	869
4SAM6/9	4SA6/9	538	379	379	917	917
4SAM6/11	4SA6/11	607	399	379	1006	986
4SAM6/13	4SA6/13	642	424	424	1066	1066
4SAM6/15	4SA6/15	742	449	424	1191	1166
4SAM6/17	4SA6/17	846	502	514	1348	1360
4SAM6/20	4SA6/20	949	542	514	1491	1463
4SAM6/23	4SA6/23	1053	594	554	1647	1607
4SAM6/26	4SA6/26	1156	634	594	1790	1750
—	4SA6/30	1326	—	658	—	1984
—	4SA6/34	1464	—	698	—	2162
—	4SA6/42	1740	—	788	—	2528
—	4SA6/52	2116	—	908	—	3024
4SA8 Outlet 1.5 in						
4SAM8/5	4SA8/5	456	344	344	800	800
4SAM8/7	4SA8/7	494	359	344	853	838
4SAM8/8	4SA8/8	532	379	379	911	911
4SAM8/9	4SA8/9	570	399	379	969	949
4SAM8/10	4SA8/10	609	424	424	1033	1033
4SAM8/12	4SA8/12	717	449	424	1166	1141
4SAM8/14	4SA8/14	793	502	514	1295	1307
4SAM8/17	4SA8/17	907	542	514	1449	1421
4SAM8/20	4SA8/20	1021	594	554	1615	1575
—	4SA8/23	1136	—	594	—	1730
—	4SA8/26	1250	—	658	—	1908
—	4SA8/29	1396	—	698	—	2094
—	4SA8/37	1701	—	788	—	2489
—	4SA8/45	2037	—	908	—	2945

MODEL		LENGTH (mm)				
1~	3~	P	M 1~	M 3~	T 1~	T 3~
4SA10 Outlet 1.5 in						
4SAM10/5	4SA10/5	418	359	344	777	762
4SAM10/6	4SA10/6	456	379	379	835	835
4SAM10/7	4SA10/7	494	399	379	893	873
4SAM10/8	4SA10/8	532	424	424	956	956
4SAM10/10	4SA10/10	608	449	424	1057	1032
4SAM10/11	4SA10/11	646	502	514	1148	1160
4SAM10/13	4SA10/13	722	542	514	1264	1236
4SAM10/15	4SA10/15	798	594	554	1392	1352
4SAM10/17	4SA10/17	874	634	594	1508	1468
—	4SA10/19	950	—	658	—	1608
—	4SA10/21	1026	—	698	—	1724
—	4SA10/27	1254	—	788	—	2042
—	4SA10/34	1520	—	908	—	2428
4SA12 Outlet 2 in						
4SAM12/4	4SA12/4	452	359	344	811	796
4SAM12/5	4SA12/5	508	379	379	887	887
4SAM12/6	4SA12/6	564	399	379	963	943
4SAM12/7	4SA12/7	620	424	424	1044	1044
4SAM12/8	4SA12/8	676	449	424	1125	1100
4SAM12/10	4SA12/10	819	502	514	1321	1333
4SAM12/12	4SA12/12	931	542	514	1473	1445
4SAM12/14	4SA12/14	1043	594	554	1637	1597
—	4SA12/16	1155	—	594	—	1749
—	4SA12/18	1298	—	658	—	1956
—	4SA12/20	1410	—	698	—	2108
—	4SA12/26	1745	—	788	—	2533
—	4SA12/32	2112	—	908	—	3020
4SA16 Outlet 2 in						
4SAM16/4	4SA16/4	502	399	379	901	881
4SAM16/5	4SA16/5	570	424	424	994	994
4SAM16/6	4SA16/6	639	449	424	1088	1063
4SAM16/8	4SA16/8	807	502	514	1309	1321
4SAM16/9	4SA16/9	876	542	514	1418	1390
4SAM16/11	4SA16/11	1013	594	554	1607	1567
—	4SA16/12	1081	—	594	—	1675
—	4SA16/14	1218	—	658	—	1876
—	4SA16/16	1386	—	698	—	2084
—	4SA16/20	1660	—	788	—	2448
—	4SA16/25	2034	—	908	—	2942
6SA15 Outlet 3 in						
—	6SA15/5	555	—	488	—	1043
—	6SA15/7	635	—	528	—	1163
—	6SA15/9	715	—	578	—	1293
—	6SA15/12	836	—	638	—	1474
—	6SA15/15	956	—	698	—	1654
—	6SA15/18	1076	—	763	—	1839
—	6SA15/21	1196	—	823	—	2019
—	6SA15/24	1317	—	888	—	2205

MODEL		LENGTH (mm)				
1~	3~	P	M 1~	M 3~	T 1~	T 3~
6SA25 Outlet 3 in						
—	6SA25/3	495	—	488	—	983
—	6SA25/4	543	—	528	—	1071
—	6SA25/6	638	—	578	—	1216
—	6SA25/8	734	—	638	—	1372
—	6SA25/10	827	—	698	—	1525
—	6SA25/12	922	—	763	—	1685
—	6SA25/14	1016	—	823	—	1839
—	6SA25/16	1111	—	888	—	1999
—	6SA25/20	1300	—	939	—	2239
6SA35 Outlet 3 in						
—	6SA35/3	528	—	528	—	1056
—	6SA35/4	587	—	578	—	1165
—	6SA35/6	703	—	638	—	1341
—	6SA35/7	762	—	698	—	1460
—	6SA35/8	820	—	763	—	1583
—	6SA35/10	936	—	823	—	1759
—	6SA35/12	1053	—	888	—	1941
—	6SA35/16	1285	—	939	—	2224
—	6SA35/20	1518	—	1019	—	2537
6SA45 Outlet 3 in						
—	6SA45/2	492	—	528	—	1020
—	6SA45/3	561	—	578	—	1139
—	6SA45/4	630	—	638	—	1268
—	6SA45/5	700	—	698	—	1398
—	6SA45/6	769	—	763	—	1532
—	6SA45/7	838	—	823	—	1661
—	6SA45/8	907	—	888	—	1795
—	6SA45/11	1114	—	939	—	2053
—	6SA45/15	1391	—	1019	—	2410