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 **VOSSCHE**
DEEP WELL PUMP



About Us

Our Management Team

Vossche was founded by Mr. Vossche Alton, who was born in Germany, but migrated to the USA in 1984 to set up his pump manufacturing business. From the rudiments of a small company, over 30 years ago, Vossche now boasts seven operational divisions each headed by a dedicated and highly qualified managing director. These divisions are:

- Product Planning
- Research and Design
- Product and Operations
- Sales and Marketing
- Logistics and Warehousing
- Export Sales
- Technical Support

Through these able teams, we have provided and continue to offer stellar quality products and services to consumers throughout the world including North America, South America, Europe, Africa, Asia and Australia.

Our Company

Vossche headquarter is located in Texas USA, where we have a factory that covers an area larger than 140,000 square meters. Of these, 120,000 square meters cover building space, and our net capital is registered at USD 160 million. We have an average of 1,855 employees worldwide.

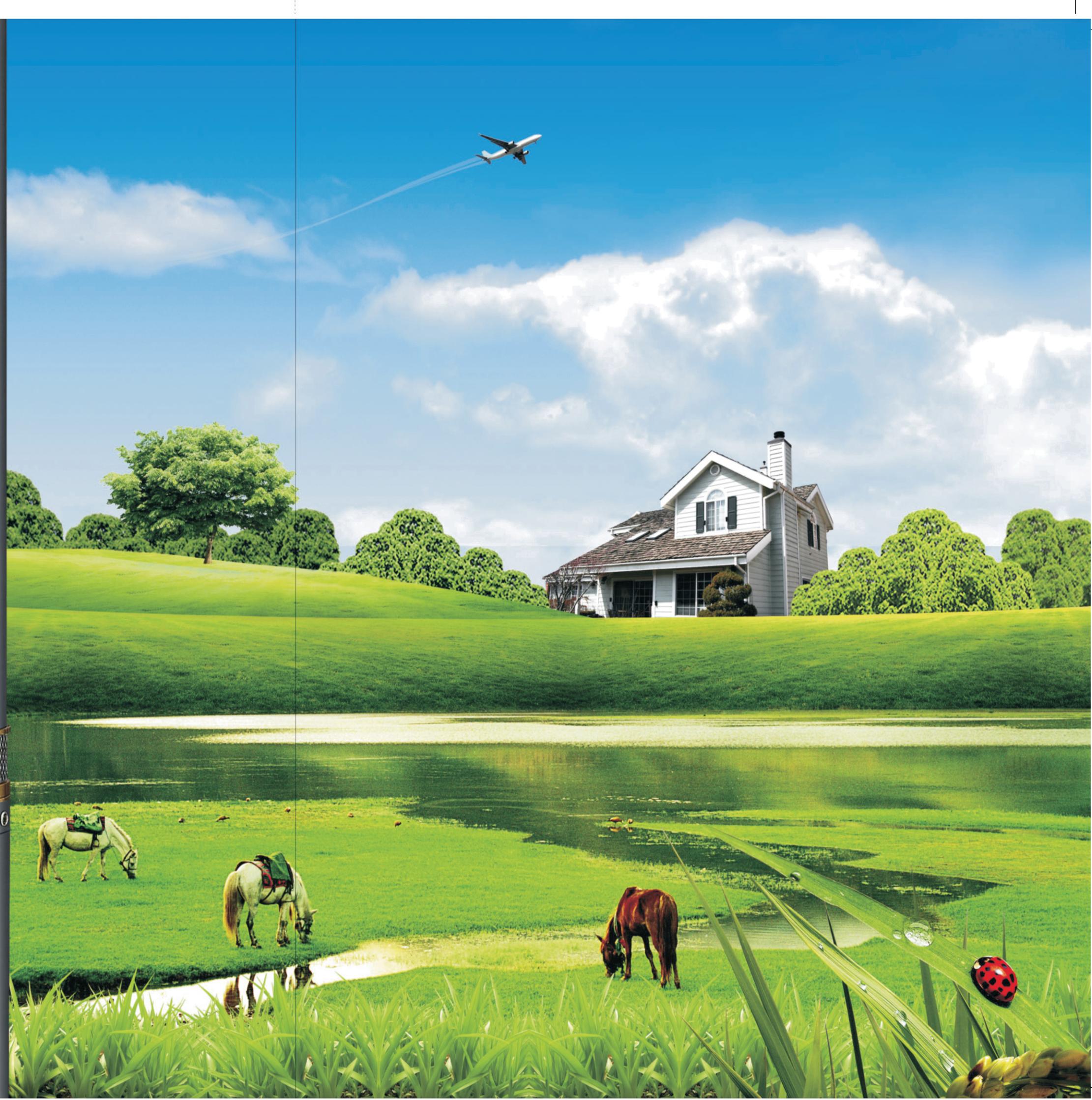
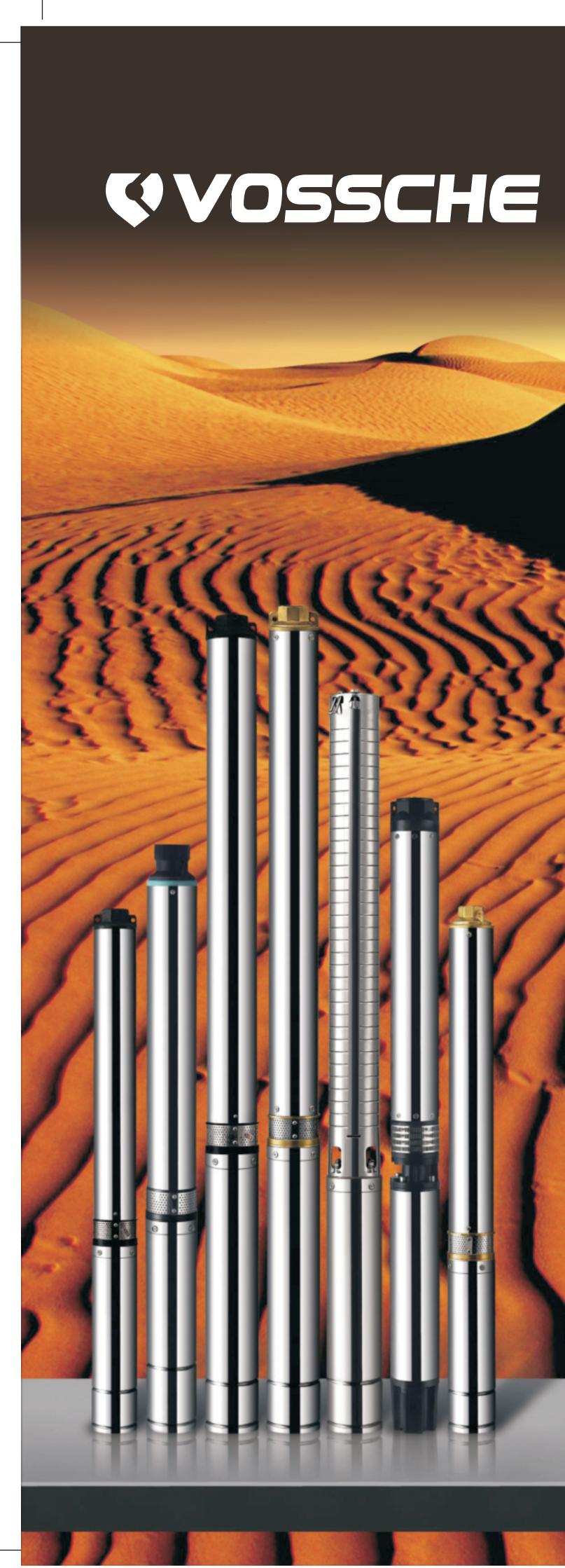
We produce over 2 million pump sets every year under 12 major categories with more than 2,000 specific models for power ranges 0.5kW - 200 kW. Our range of products can service needs in various industries including refrigeration, mining, metallurgy, domestic water supply, agricultural irrigation, municipal services, groundwater applications, water lifting, sewage water or clean water disposal systems, building and industrial water supply, heating and ventilation, spa baths and swimming pools, among many more.

Vossche Pump Group

Together with our subsidiaries in strategic locations as well as affiliated distributors worldwide, Vossche believes in delivery of quality products for our consumers. As such, all our products undergo comprehensive production and operational testing to ensure that they adhere to the high standards we have set for ourselves. This is why our consumers trust us to deliver the best pumps in the market and are continuously satisfied with our outputs. In addition, we dedicate a huge amount of time and resources towards research, development and innovation to discover new and better models, applications and methods of production to continue adding value for clients.



VOSSCHE

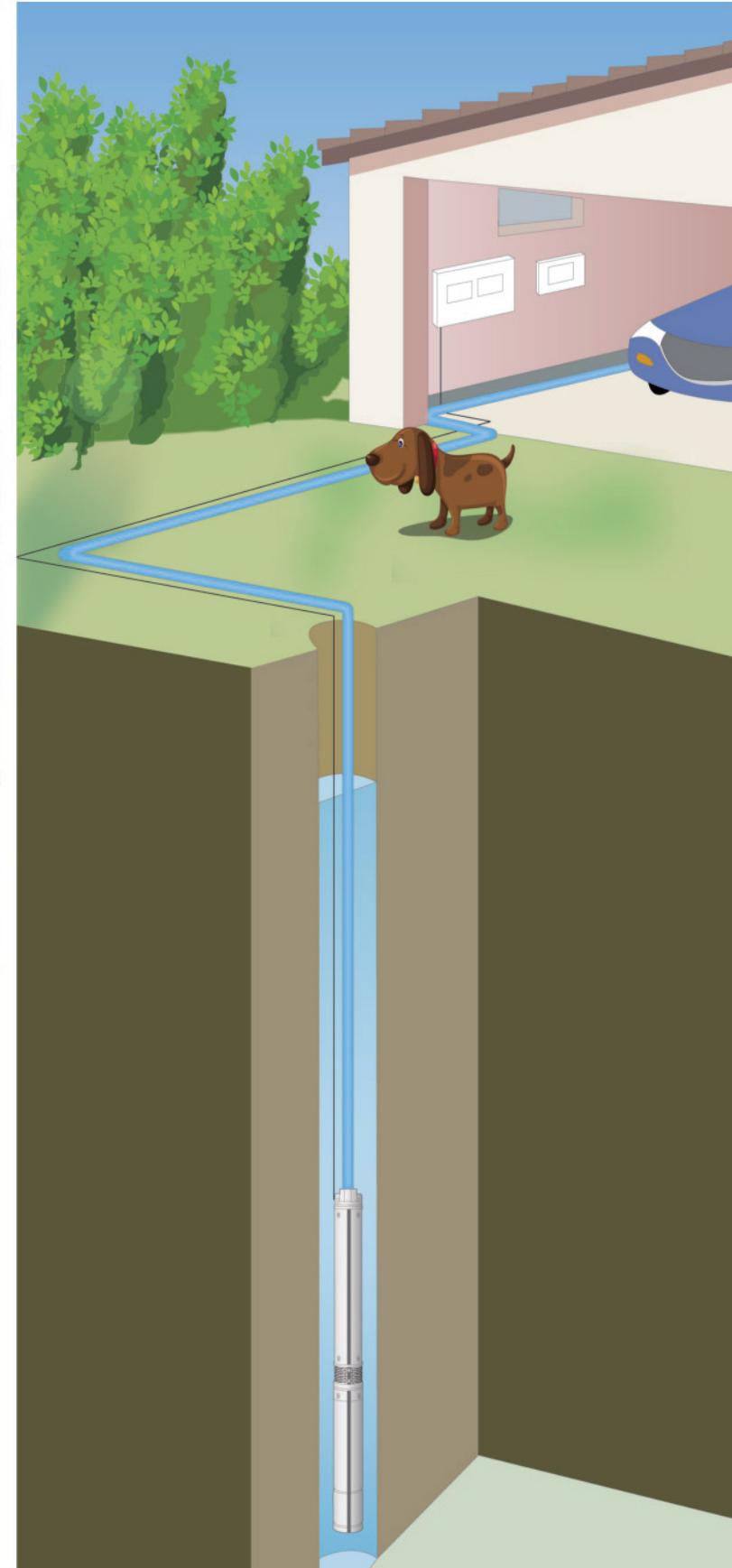
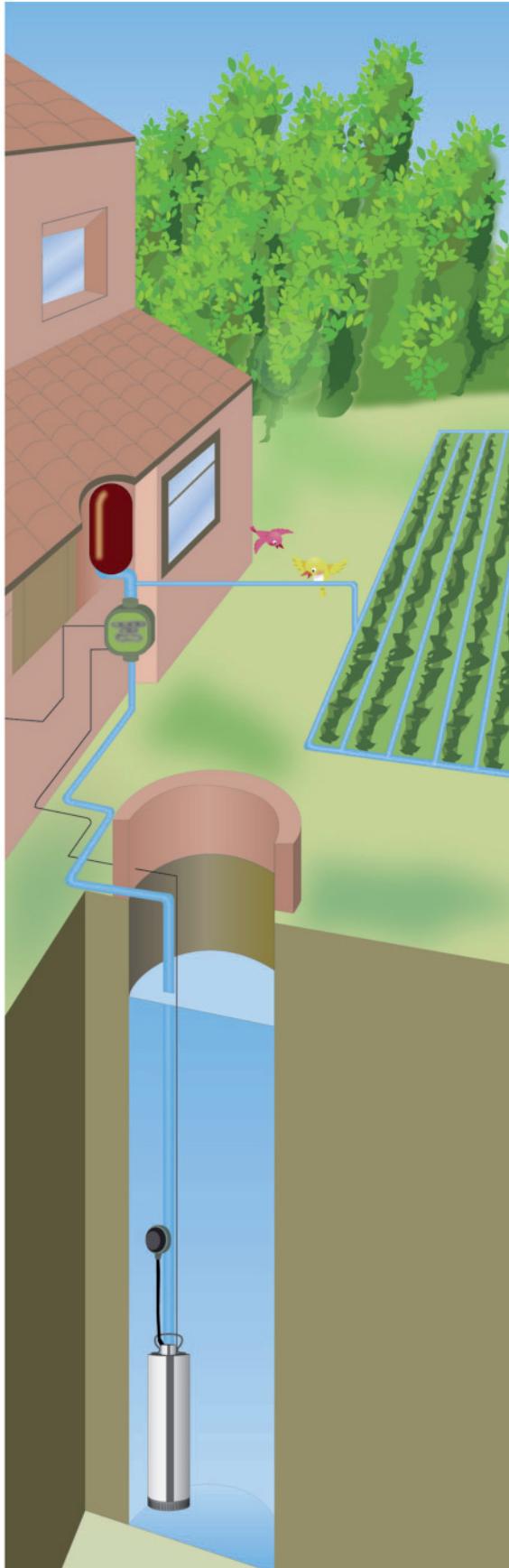


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INSTALLATION INSTRUCTION BY VOSSCHE



3SGm2

3" DEEP WELL PUMPS

Application

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

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 3".

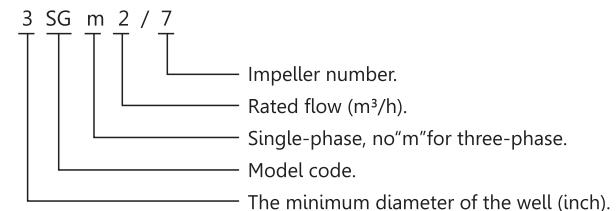
Motor and Pump

- 2 pole induction motor.
- Single-phase: 220V. 50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 1" .

Material

- Pump body: Stainless steel.
- Motor bracket: Stainless steel.
- Pump shaft & motor shaft: Stainless steel.
- Mechanical seal: Graphite-Silicon carbide.
- Impeller: POM.
- Coupling and outlet: Brass.

Model Definition



DN: 1" RPM: n=2850 r/min

Model	Power		Flow											Dim. (mm)	G. W. (kg)	
	kW	HP	m ³ /h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3		
			1/min	0	5	10	15	20	25	30	35	40	45	50	G(s)	
3SGm2/7	0.18	0.25	H(m)	29	29	28	27	26	24	21	18	14	10	6	925×95×200	6.5
3SGm2/10	0.25	0.33		42	41	41	39	37	34	30	26	21	15	9	1020×95×200	7.5
3SGm2/14	0.37	0.5		59	57	57	55	52	48	42	36	29	20	13	1160×95×200	9
3SGm2/20	0.55	0.75		84	82	81	78	74	68	60	52	41	29	18	1335×95×200	11
3SGm2/27	0.75	1		113	111	109	105	100	92	81	70	55	39	24	1550×95×200	13
3SGm2/33	1.1	1.5		139	135	134	129	122	112	99	86	68	48	30	1770×95×200	15.5

01

VOSSCHE

3.5" DEEP WELL PUMPS

Application

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

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 3.5" .

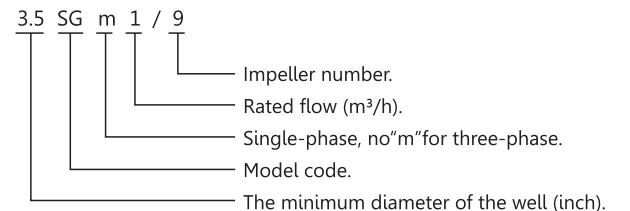
Motor and Pump

- 2 pole induction motor.
- Single-phase: 220V. 50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 1" .

Material

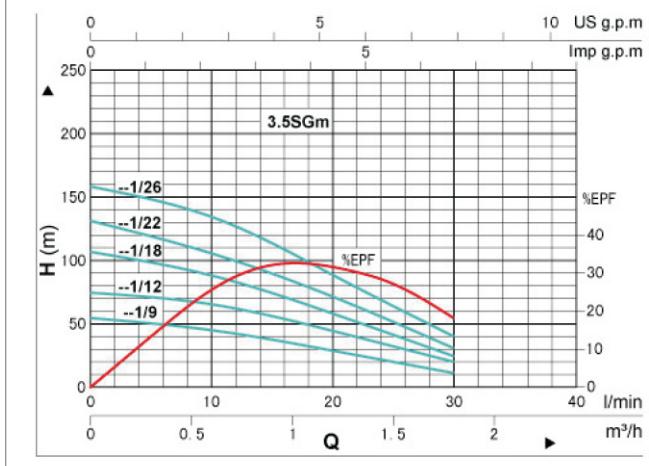
- Pump body: Stainless steel.
- Motor bracket: Stainless steel.
- Pump shaft & motor shaft: Stainless steel.
- Mechanical seal: Graphite-Silicon carbide.
- Impeller: POM.
- Coupling and outlet: Brass.

Model Definition



3.5SGm1

Hydraulic Performance Curve



DN: 1" RPM: n=2850 r/min

Model	Power		Flow											Dim. (mm)	G. W. (kg)
	kW	HP	m ³ /h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	
			1/min	0	5	10	15	20	25	30	35	G(s)			
3.5 SGm1/9	0.37	0.5	H(m)	54	51	45	36	26	18	11	10	945×200×115	14.5		
3.5 SGm1/12	0.55	0.75		74	71	66	54	44	20	20	17	1085×200×115	16.5		
3.5 SGm1/18	0.75	1		107	98	88	74	58	24	24	20	1265×200×115	19		
3.5 SGm1/22	1.1	1.5		131	122	106	88	71	31	31	27	1425×200×115	20.5		
3.5 SGm1/26	1.5	2		158	148	134	111	88	40	40	31	1560×200×115	24.5		

02

VOSSCHE

3.5SGm3

3.5" DEEP WELL PUMPS

Application

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

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 3.5" .

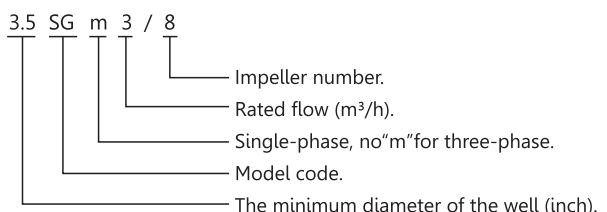
Motor and Pump

- 2 pole induction motor.
- Single-phase: 220V. 50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 1" .

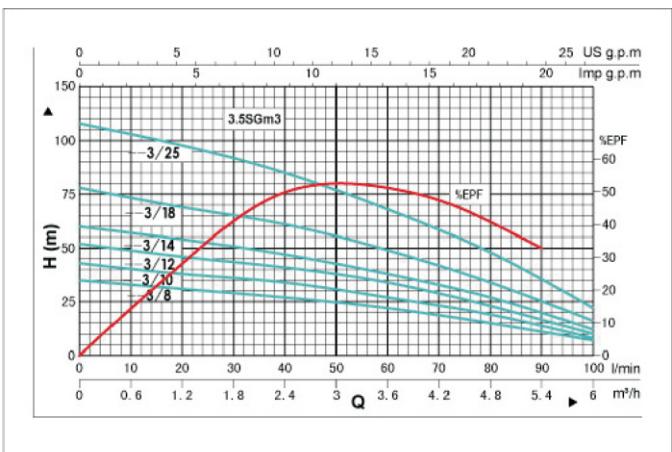
Material

- Pump body: Stainless steel.
- Motor bracket: Stainless steel.
- Pump shaft & motor shaft: Stainless steel.
- Mechanical seal: Graphite-Silicon carbide.
- Impeller: POM.
- Coupling and outlet: Brass.

Model Definition



Hydraulic Performance Curve



DN: 1" RPM: n=2850 r/min

Model	Power		Flow										Dim. (mm)	G.W. (kg)		
			m ³ /h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6		
Single-Phase	kW	HP	1/min	0	10	20	30	40	50	60	70	80	90	100	G(s)	
3.5SGm3/8	0.37	0.5		36	34	33	31	30	28	25	22	19	14	9	820×180×110	11.5
3.5SGm3/10	0.55	1.75		45	43	41	39	38	35	32	28	23	18	12	910×180×110	12.5
3.5SGm3/12	0.75	1		54	51	49	47	45	42	38	33	28	21	14	1010×180×110	14.5
3.5SGm3/14	0.9	1.2		63	60	57	55	53	49	44	39	33	25	16	1090×180×110	15.5
3.5SGm3/18	1.1	1.5		81	77	74	71	68	63	57	50	42	32	21	1240×180×110	17
3.5SGm3/25	1.5	2		113	106	102	98	94	88	79	69	58	44	29	1560×180×110	21.5

4" DEEP WELL PUMPS

4SG(m)2 4SG(m)3

Application

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

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 4" .

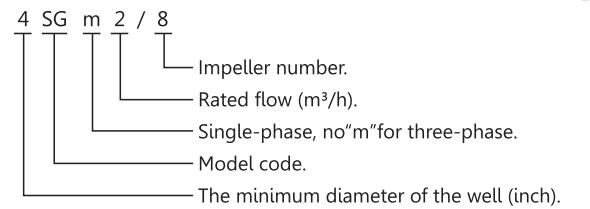
Motor and Pump

- 2 pole induction motor.
- Single-phase/Three-phase: 220V/380V/50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 1.25" .

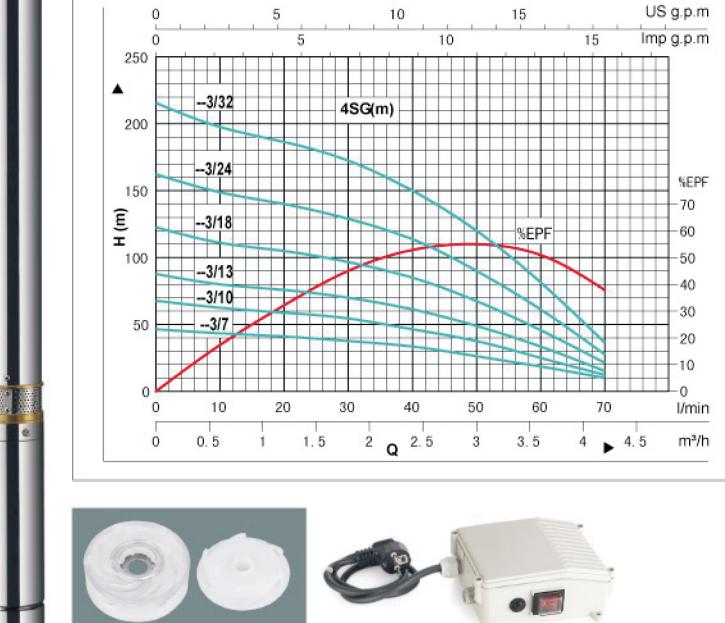
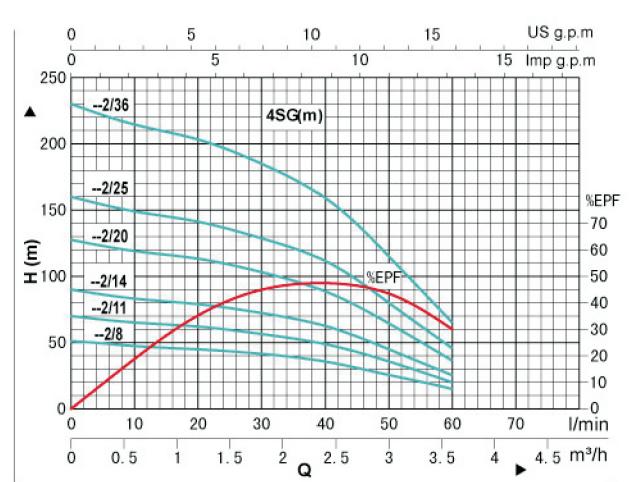
Material

- Pump body: Stainless steel.
- Motor bracket: Stainless steel.
- Pump shaft & motor shaft: Stainless steel.
- Mechanical seal: Graphite-Silicon carbide.
- Impeller: POM.
- Coupling and outlet: Brass.

Model Definition



Hydraulic Performance Curve



Single-Phase

DN: 1.25" RPM: n=2850 r/min

Model	Power		Flow										Dim. (mm)	G.W. (kg)					
			Single-Phase	Three-Phase	kW	HP	m ³ /h	0	0.6	1.2	1.8	2.4	3	3.6	4.2				
			1/min		0	10	20	30	40	50	60	70			G(s)				
4SGm2/8	-	-	0.37	0.5				51	47	45	42	36	26	15	-	900×200×115	-	15	-
4SGm2/11	-	-	0.55	0.75				70	65	62	57	49	36	20	-	1030×200×115	-	17	-
4SGm2/14	4SG2/14	4SG2/14	0.75	1				90	83	79	72	62	45	26	-	1140×200×115	900×200×115	19	19
4SGm2/20	4SG2/20	4SG2/20	1.1	1.5				128	119	113	103	89	64	37	-	1320×200×115	1140×200×115	23	23
4SGm2/25	4SG2/25	4SG2/25	1.5	2				160	149	141	129	111	80	46	-	1510×200×115	1265×200×115	30	28
4SGm2/36	4SG2/36	4SG2/36	2.2	3				230	214	203	185	159	115	66	-	1920×200×115	1625×200×115	37	35
4SGm3/7	-	-	0.37	0.5				47	43	41	38	33	26	18	-	900×200×115	-	15	-
4SGm3/10	-	-	0.55	0.75				68	62	59	54	47	38	25	12	990×200×115	-	16	-
4SGm3/13	4SG3/13	4SG3/13	0.75	1				88	80	76	70	61	49	33	15	1085×200×115	900×200×115	19	19
4SGm3/18	4SG3/18	4SG3/18	1.1	1.5				122	110	105	97	85	68	46	21	1320×200×115	1085×200×115	22	22
4SGm3/24	4SG3/24	4SG3/24	1.5	2				162	149	140	129	113	90	61	28	1510×200×115	1265×200×115	27	25
4SGm3/32	4SG3/32	4SG3/32	2.2	3				216	198	187	172	150	120	81	37	1810×200×115	1560×200×115	34	32

4SG(m)4 4SG(m)6

3.5" DEEP WELL PUMPS

Application

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

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 4" .

Motor and Pump

- 2 pole induction motor.
- Single-phase/Three-phase: 50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 1.25" & 1.5" .

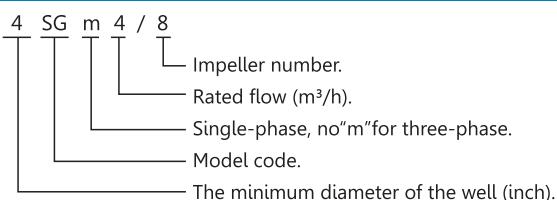


Material

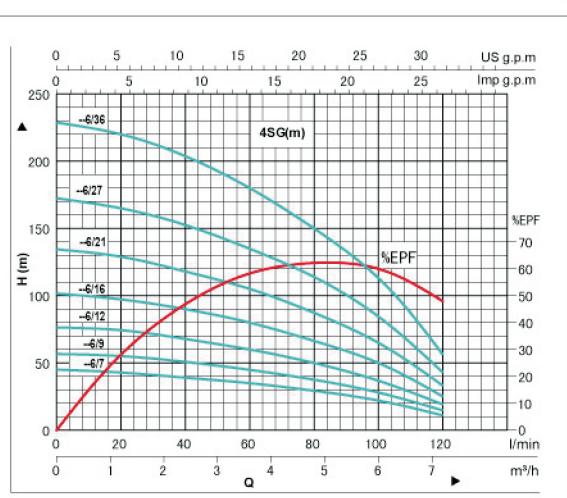
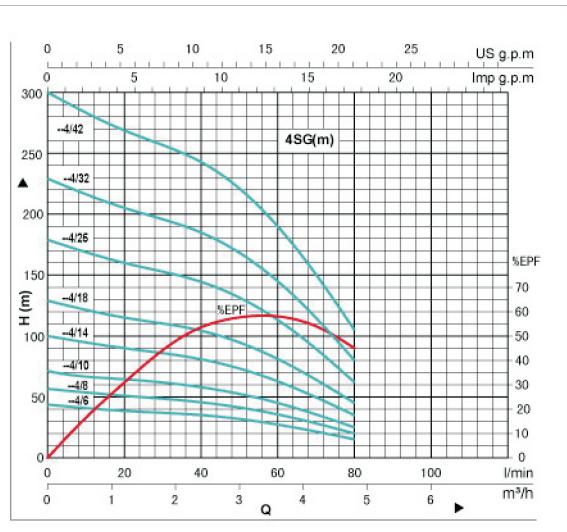
- Pump body: Stainless steel.
- Motor bracket: Stainless steel.
- Pump shaft & motor shaft: Stainless steel.
- Mechanical seal: Graphite-Silicon carbide.
- Impeller: POM.
- Coupling and outlet: Brass.



Model Definition



Hydraulic Performance Curve



DN: 1.25"(4m³/h) 1.5"(6m³/h) RPM: n=2850 r/min

Model		Power		Flow							Dim.(mm)		G.W. (kg)		
Single-Phase	Three-Phase	kW	HP	m ³ /h	0	1.2	2.4	3.6	4.8	6	7.2	Single-Phase	Three-Phase	G(s)	G(t)
				1/min	0	20	40	60	80	100	120				
4SGm4/6	-	0.37	0.5		43	38	35	27	15	-	-	900×200×115	-	14	-
4SGm4/8	-	0.55	0.75		57	51	46	36	20	-	-	990×200×115	-	16	-
4SGm4/10	4SG4/10	0.75	1		71	64	58	45	25	-	-	1085×200×115	900×200×115	17	17
4SGm4/14	4SG4/14	1.1	1.5		100	90	81	63	35	-	-	1320×200×115	1085×200×115	20	20
4SGm4/18	4SG4/18	1.5	2		129	115	104	81	45	-	-	1510×200×115	1265×200×115	25	25
4SGm4/25	4SG4/25	2.2	3		179	160	144	113	62	-	-	1810×200×115	1560×200×115	31	28
	4SG4/32	3	4	H(m)	229	205	185	145	80	-	-	M:575×130×140	P:1425×130×140	M:16	P:12.5
	4SG4/42	4	5.5		300	269	242	190	104	-	-	M:620×130×140	P:1810×130×140	M:18.5	P:14
4SGm6/7	-	0.55	0.75		45	43	39	35	29	22	11	990×200×115	-	16	-
4SGm6/9	4SG6/9	0.75	1		57	55	51	45	38	28	14	1140×200×115	900×200×115	18	17
4SGm6/12	4SG6/12	1.1	1.5		77	74	68	60	50	37	19	1320×200×115	1085×200×115	21	20
4SGm6/16	4SG6/16	1.5	2		102	98	90	80	67	50	25	1510×200×115	1265×200×115	24	22
4SGm6/21	4SG6/21	2.2	3		134	129	118	105	88	65	33	1810×200×115	1560×200×115	27	25
	4SG6/27	3	4		172	165	152	135	113	84	42	M:575×130×140	P:1690×130×140	M:16	P:12
	4SG6/36	4	5.5		229	220	203	180	150	112	56	M:620×130×140	P:1810×130×140	M:18.5	P:13.5

4" DEEP WELL PUMPS

4SG(m)8 4SG(m)10

Application

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

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 4" .

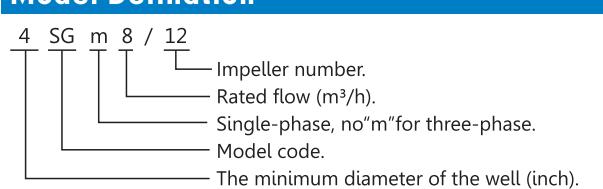
Motor and Pump

- 2 pole induction motor.
- Single-phase/Three-phase: 50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 1.25" .

Material

- Pump body: Stainless steel.
- Motor bracket: Stainless steel.
- Pump shaft & motor shaft: Stainless steel.
- Mechanical seal: Graphite-Silicon carbide.
- Impeller: POM.
- Coupling and outlet: Brass.

Model Definition



DN: 2" RPM: n=2850 r/min

Model	Power	Flow												Dim.(mm)		G. W. (kg)					
		Single-Phase	Three-Phase	kW	HP	m ³ /h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	12				
						1/min	0	20	40	60	80	100	120	140	160	180	200				
4SGm8/7	4SG8/7	0.75	1				43	41	39	37	34	30	25	19	12	-	-	1030×200×115	820×200×115	18	17
4SGm8/9	4SG8/9	1.1	1.5				55	53	50	47	43	38	32	24	15	-	-	1140×200×115	945×200×115	20	19
4SGm8/12	4SG8/12	1.5	2				74	71	67	63	58	51	43	33	20	-	-	1370×200×115	1140×200×115	23	21
4SGm8/17	4SG8/17	2.2	3				104	100	95	89	82	73	61	46	28	-	-	1625×200×115	1370×200×115	27	25
	4SG8/22	3	4				135	129	122	115	105	94	79	60	36	-	-	M:575×130×140	P:1190×130×140	M:16	P:11
	4SG8/29	4	5.5				178	170	161	151	139	124	104	79	47	-	-	M:620×130×140	P:1510×130×140	M:18.5	P:12.5
	4SG8/38	5.5	7.5				234	223	211	198	182	162	136	103	62	-	-	M:700×130×140	P:1865×130×140	M:21	P:14.5
4SGm10/6	4SG10/6	0.75	1				37	36	35	34	33	31	29	26	22	18	13	1030×200×115	820×200×115	18	17
4SGm10/8	4SG10/8	1.1	1.5				49	48	47	45	43	41	38	34	30	24	17	1140×200×115</td			

4SS(m)2

4" DEEP WELL PUMPS

Application

- For clean water with sand content less than 150g/m³.
- For well pumping, river pumping, farm irrigation, water supply, mining, drainage in breeding industry.
- Civil and industrial purpose for sprinkler and food irrigation plants, etc.

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 4" .

Motor and Pump

- 2 pole induction motor.
- Single-phase/Three-phase: 50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 1.25" .

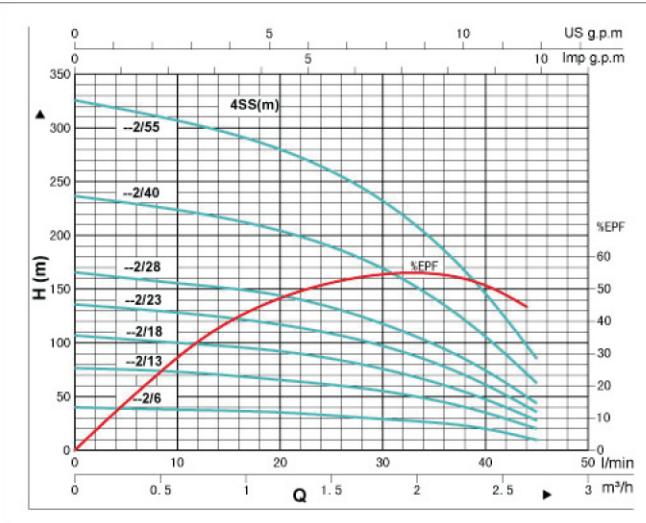
Material

- External casing: Stainless steel.
- Motor shaft: Stainless steel.
- Motor Bracket: Stainless steel.
- Mechanical seal: Graphite-Silicon carbide.
- Stages and impellers: Stainless steel.
- Coupling and outlet: Stainless steel.

Model Definition

4 SS m 2 / 6
 Impeller number.
 Rated flow (m³/h).
 Single-phase, no "m" for three-phase.
 Model code.
 The minimum diameter of the well (inch).

Hydraulic Performance Curve



DN: 1.25" RPM: n=2850 r/min

Model		Power		Flow						Dim. (mm)		G. W. (kg)		
Single-Phase	Three-Phase	kW	HP	m ³ /h	0	0.6	1.2	1.8	2.4	3	Single-Phase	Three-Phase	G(s)	G(t)
				1/min	0	10	20	30	40	50				
4SSm2/6	-	0.37	0.5	H(m)	36	33	30	26	20	12	820×200×115	-	10	-
4SSm2/13	-	0.55	0.75		78	72	66	56	44	26	990×200×115	-	12	-
4SSm2/18	4SS2/18	0.75	1		108	100	91	78	61	36	1085×200×115	900×200×115	15	14
4SSm2/23	4SS2/23	1.1	1.5		138	127	117	99	78	46	1265×200×115	990×200×115	18	16
4SSm2/28	4SS2/28	1.5	2		168	155	142	121	95	56	1370×200×115	1140×200×115	22	19
4SSm2/40	4SS2/40	2.2	3		240	222	203	172	135	80	1690×200×115	1425×200×115	29	25
-	4SS2/55	3	4		330	305	279	237	186	110	M:575×130×140	P:1370×130×140	M:16	P:16

4" DEEP WELL PUMPS

Application

- For clean water with sand content less than 150g/m³.
- For well pumping, river pumping, farm irrigation, water supply, mining, drainage in breeding industry.
- Civil and industrial purpose for sprinkler and food irrigation plants, etc.

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 4" .

Motor and Pump

- 2 pole induction motor.
- Single-phase/Three-phase: 50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 1.25" .

Material

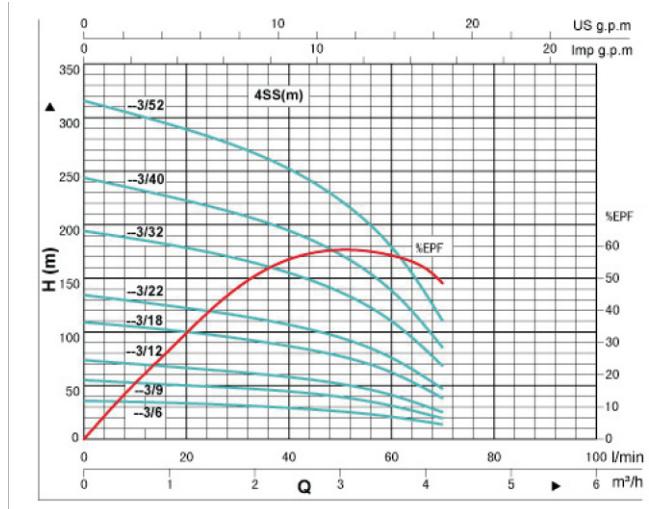
- External casing: Stainless steel.
- Motor shaft: Stainless steel.
- Motor Bracket: Stainless steel.
- Mechanical seal: Graphite-Silicon carbide.
- Stages and impellers: Stainless steel.
- Coupling and outlet: Stainless steel.

Model Definition

4 SS m 3 / 6
 Impeller number.
 Rated flow (m³/h).
 Single-phase, no "m" for three-phase.
 Model code.
 The minimum diameter of the well (inch).

4SS(m) 3

Hydraulic Performance Curve



DN: 1.25" RPM: n=2850 r/min

Model		Power		Flow								Dim. (mm)		G. W. (kg)		
Single-Phase	Three-Phase	kW	HP	m ³ /h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	Single-Phase	Three-Phase	G(s)	G(t)
				1/min	0	10	20	30	40	50	60	70				
4SSm3/6	-	0.37	0.5	H(m)	37	35	33	31	29	26	21	13	820×200×115	-	10	-
4SSm3/9	-	0.55	0.75		55	52	50	47	44	39	31	19	900×200×115	-	11	-
4SSm3/12	4SS3/12	0.75	1		73	70	67	63	58	51	41	25	990×200×115	740×200×115	12	12
4SSm3/18	4SS3/18	1.1	1.5		109	105	100	94	87	77	62	38	1140×200×115	945×200×115	17	15
4SSm3/22	4SS3/22	1.5	2		134	128	122	115	107	94	76	47	1265×200×115	1030×200×115	20	17
4SSm3/32	4SS3/32	2.2	3		194	186	178	167	155	137	110	68	1560×200×115	1320×200×115	27	23
-	4SS3/40	3	4		243	233	222	209	194	172	138	85	M:575×130×140	P:1085×130×140	M:16	P:11
-	4SS3/52	4	5.5		316	303	289	272	252	223	179	110	M:620×130×140	P:1320×130×140	M:18.5	P:13.5

4SS(m) 5

4" DEEP WELL PUMPS

Application

- For clean water with sand content less than 150g/m³.
- For well pumping, river pumping, farm irrigation, water supply, mining, drainage in breeding industry.
- Civil and industrial purpose for sprinkler and food irrigation plants, etc.

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 4" .

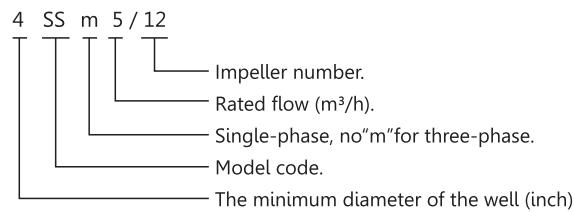
Motor and Pump

- 2 pole induction motor.
- Single-phase/Three-phase: 50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 1.5" .

Material

- External casing: Stainless steel.
- Motor shaft: Stainless steel.
- Motor Bracket: Stainless steel.
- Mechanical seal: Graphite-Silicon carbide.
- Stages and impellers: Stainless steel.
- Coupling and outlet: Stainless steel.

Model Definition



DN: 1.5" RPM: n=2850 r/min

Single-Phase	Three-Phase	Power		Flow												Dim. (mm)		G. W. (kg)		
		kW	HP	m ³ /h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.6	Single-Phase	Three-Phase	G(s)	G(t)
4SSm5/4	-	0.37	0.5	H(m)	25	24	23	22	21	20	19	18	17	15	12	9	740×200×115	-	10	-
4SSm5/6	-	0.55	0.75		37	36	35	33	32	31	29	28	25	22	18	13	820×200×115	-	11	-
4SSm5/8	4SS5/8	0.75	1		50	48	46	44	43	41	39	37	34	29	23	17	900×200×115	740×200×115	12	11
4SSm5/12	4SS5/12	1.1	1.5		75	72	69	67	64	62	59	55	50	44	35	26	1030×200×115	820×200×115	15	13
4SSm5/17	4SS5/17	1.5	2		106	102	98	94	91	87	83	78	71	62	50	36	1190×200×115	945×200×115	19	16
4SSm5/21	4SS5/21	2.2	3		131	126	121	116	112	108	103	96	88	76	61	44	1370×200×115	1140×200×115	25	21
-	4SS5/32	3	4		200	192	184	178	171	165	157	147	134	116	94	68	M:575×130×140	P:945×130×140	M:16	P:9
-	4SS5/40	4	5.5		249	210	230	221	213	205	196	183	167	145	117	86	M:620×130×140	P:1140×130×140	M:18	P:12
-	4SS5/52	5.5	7.5		325	312	299	289	278	267	255	239	218	189	152	111	M:700×130×140	P:1420×130×140	M:21	P:15

4" DEEP WELL PUMPS

4SS(m) 8

Application

- For clean water with sand content less than 150g/m³.
- For well pumping, river pumping, farm irrigation, water supply, mining, drainage in breeding industry.
- Civil and industrial purpose for sprinkler and food irrigation plants, etc.

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 4" .

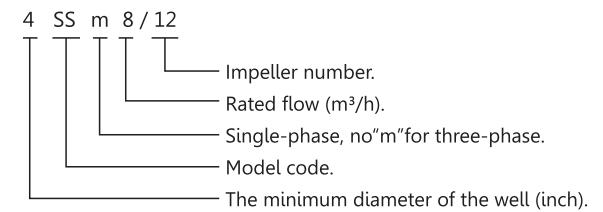
Motor and Pump

- 2 pole induction motor.
- Single-phase/Three-phase: 50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 2" .

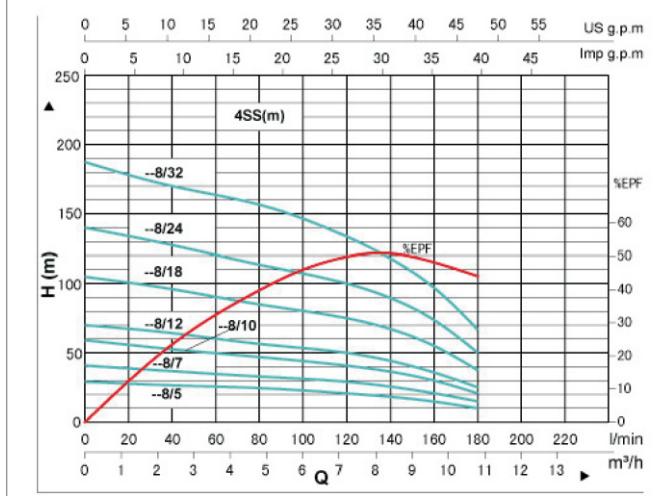
Material

- External casing: Stainless steel.
- Motor shaft: Stainless steel.
- Motor Bracket: Stainless steel.
- Mechanical seal: Graphite-Silicon carbide.
- Stages and impellers: Stainless steel.
- Coupling and outlet: Stainless steel.

Model Definition



Hydraulic Performance Curve



DN: 2" RPM: n=2850 r/min

Single-Phase	Three-Phase	Power		Flow												Dim. (mm)		G. W. (kg)	
		kW	HP	m ³ /h	0	1.2	2.4	3.6	4.9	6	7.2	8.4	9.6	10.8	Single-Phase	Three-Phase	G(s)	G(t)	
4SSm8/5	4SSm8/5	0.75	1	H(m)	29	28	27	25	24	22	21	19	15	10	945×200×115	740×200×115	14	13	
4SSm8/7	4SSm8/7	1.1	1.5		41	39	37	35	33	31	29	26	21	15	1085×200×115	900×200×115	17	15	
4SSm8/10	4SSm8/10	1.5	2		59	56	53	50	47	45	41	37	30	21	1265×200×115	1030×200×115	21	18	
4SSm8/12	4SSm8/12	2.2	3		70	67	64	60	57	54	50	44	36	25	1425×200×115	1140×200×115	27	23	
-	4SSm8/18	3	4		105	101	96	91	85	80	75	67	55	38	M:575×130×140	P:990×130×140	M:16	P:13	
-	4SSm8/24	4	5.5		140	134	128	121	113	108	100	89	73	50	M:620×130×140	P:1265×130×140	M:18	P:17	
-	4SSm8/32	5.5	7.5		187	179	170	161	157	143	133	118	97	67	M:700×130×140	P:1560×130×140	M:21	P:23	

90QJDY1

3.5" DEEP WELL PUMPS

Application

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

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 3.5" .

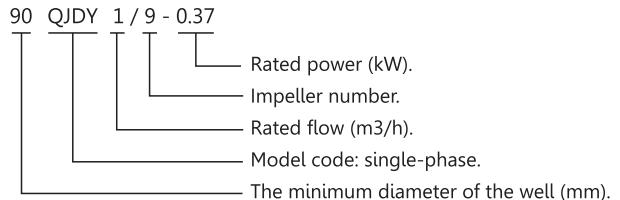
Motor and Pump

- 2 pole induction motor.
- Single-phase/Three-phase: 50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 1.5" .

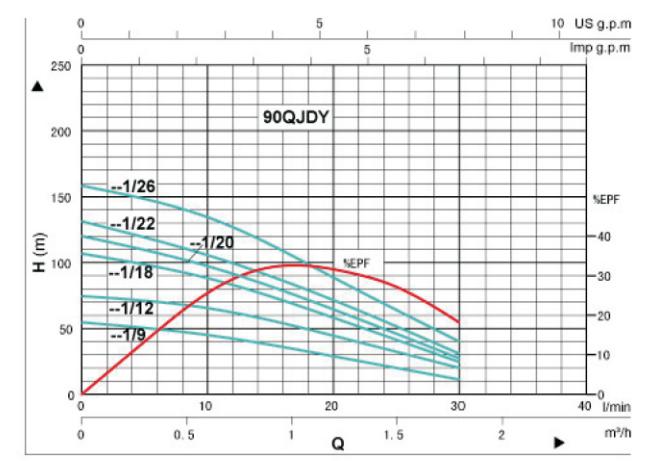
Material

- Pump body: Stainless steel.
- Motor bracket: Stainless steel.
- Motor shaft: Cs45#.
- Pump shaft: CS40Cr with electrophoretic paint.
- Mechanical seal : Graphite-Silicon carbide.
- Impeller: POM.
- Coupling and outlet: Cast iron with electrophoretic paint.

Model Definition



Hydraulic Performance Curve



DN: 1.5" RPM: n=2850 r/min

Model	Power		Flow								Dim. (mm)	G.W. (kg)
	kW	HP	m ³ /h	0	0.3	0.6	0.9	1.2	1.5	1.8		
Single-Phase			1/min	0	5	10	15	20	25	30		
90QJDY1/ 9-0.37	0.37	0.5		54	51	45	36	26	18	11	740×180×110	11.5
90QJDY1/12-0.55	0.55	0.75		74	71	66	54	44	32	20	885×180×110	12.5
90QJDY1/18-0.75	0.75	1		107	98	88	74	58	40	24	1055×180×110	14.5
90QJDY1/20-0.9	0.9	1.2		119	110	97	81	64	45	27	1110×180×110	15.5
90QJDY1/22-1.1	1.1	1.5		131	122	106	88	71	50	31	1170×180×110	17
90QJDY1/26-1.5	1.5	2		158	148	134	111	88	64	40	1310×180×110	21.5

VOSSCHE

3.5" DEEP WELL PUMPS

90QJDY3

Application

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

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 3.5" .

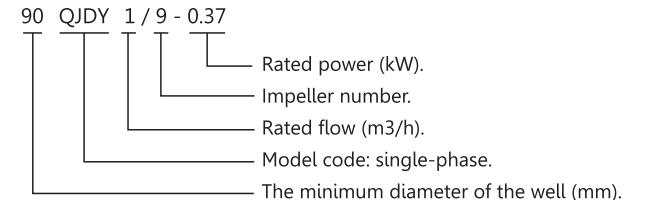
Motor and Pump

- 2 pole induction motor.
- Single-phase/Three-phase: 50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 1.5" .

Material

- Pump body: Stainless steel.
- Motor bracket: Stainless steel.
- Motor shaft: CS45#.
- Pump shaft: CS40Cr with electrophoretic paint.
- Mechanical seal : Graphite-Silicon carbide.
- Impeller: POM.
- Coupling and outlet: Cast iron with electrophoretic paint.

Model Definition



DN: 1.5" RPM: n=2850 r/min

Model	Power		Flow										Dim. (mm)	G.W. (kg)			
	Single-Phase	kW	HP	m ³ /h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6		
				1/min	0	10	20	30	40	50	60	70	80	90	100	G(s)	
90QJDY3/ 8-0.37	0.37	0.5			36	34	33	31	30	28	25	22	19	14	9	820×180×110	11.5
90QJDY3/10-0.55	0.55	0.75			45	43	41	39	38	35	32	28	23	18	12	910×180×110	12.5
90QJDY3/12-0.75	0.75	1			54	51	49	47	45	42	38	33	28	21	14	1010×180×110	14.5
90QJDY3/14-0.9	0.9	1.2			63	60	57	55	53	49	44	39	33	25	16	1090×180×110	15.5
90QJDY3/18-1.1	1.1	1.5			81	77	94	71	68	63	57	50	42	32	21	1240×180×110	17
90QJDY3/25-1.5	1.5	2			113	106	102	98	94	88	79	69	58	44	29	1560×180×110	21.5

VOSSCHE

QJ(D)Y2

4" DEEP WELL PUMPS

Application

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

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 4" .

Motor and Pump

- 2 pole induction motor.
- Single-phase/Three-phase: 50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 1.5" .

Material

- Pump body: Stainless steel.
- Motor bracket: Stainless steel.
- Motor shaft: CS45#.
- Pump shaft: CS40Cr with electrophoretic paint.
- Mechanical seal : Graphite-Silicon carbide.
- Impeller: POM.
- Coupling and outlet: Cast iron with electrophoretic paint.

Model Definition

QJDY 2 / 8 - 0.37

 Rated power (kW).
 Impeller number.
 Rated flow (m³/h).
 Model code: single-phase.
 no "D" for three-phase.



Single-Phase 0.37-0.75kW

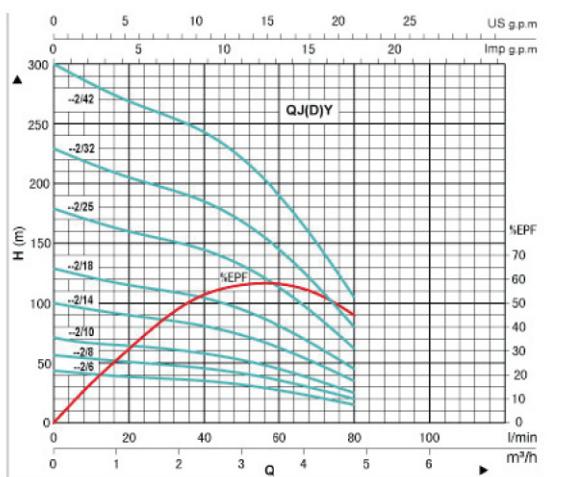


Single-Phase 1.1-2.2kW

DN: 1.5" RPM: n=2850 r/min

Single-Phase	Three-Phase	Model		Power		Flow					Dim. (mm)		G. W. (kg)				
		kW	HP	m ³ /h	0	1.2	2.4	3.6	4.8	1/min	0	20	40	60	80	G(s)	G(t)
QJDY2/ 6	-	0.37	0.5	H(m)	43	38	35	27	15	740×200×115	-	14	-				
QJDY2/ 8	-	0.55	0.75		57	51	46	36	20	820×200×115	-	16	-				
QJDY2/10	QJDY2/10	0.75	1		71	64	58	45	25	900×200×115	900×200×115	17	17				
QJDY2/14	QJDY2/14	1.1	1.5		100	90	81	35	1320×200×115	1085×200×115	20	20					
QJDY2/18	QJDY2/18	1.5	2		129	115	104	81	45	1510×200×115	1265×200×115	25	25				
QJDY2/25	QJDY2/25	2.2	3		179	160	144	113	62	1810×200×115	1560×200×115	31	28				
-	QJDY2/32	3	4		229	205	185	145	80	M:575×130×140	M:1425×130×140	M:16	P:17.5				
-	QJDY2/42	4	5.5		300	269	242	190	104	M:1810×130×140	M:18.5	P:20.5					

Hydraulic Performance Curve



4" DEEP WELL PUMPS

QJ(D)Y4 QJ(D)Y6

Application

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

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 4" .

Motor and Pump

- 2 pole induction motor.
- Single-phase/Three-phase: 50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 1.5" .



Single-Phase 0.37-0.75kW



Single-Phase 1.1-2.2kW

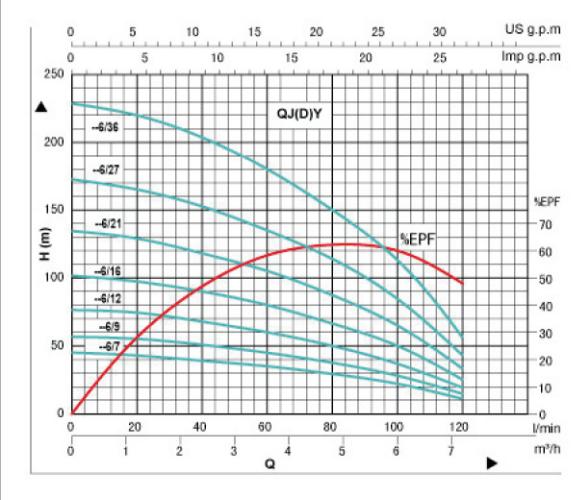
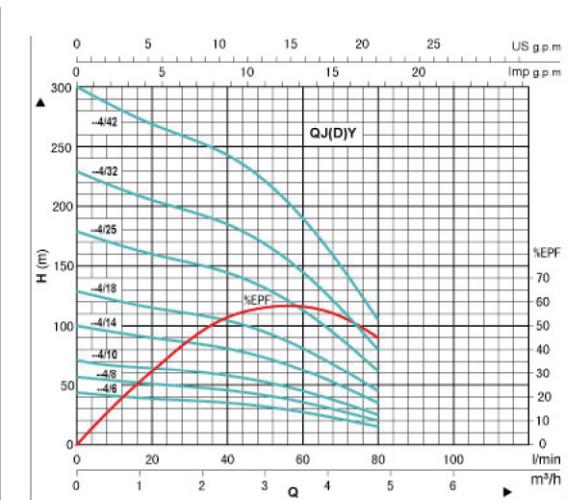
Material

- Pump body: Stainless steel.
- Motor bracket: Stainless steel.
- Motor shaft: CS45#.
- Pump shaft: CS40Cr with electrophoretic paint.
- Mechanical seal : Graphite-Silicon carbide.
- Impeller: POM.
- Coupling and outlet: Cast iron with electrophoretic paint.

Model Definition

QJDY 4 / 10 - 0.75

 Rated power (kW).
 Impeller number.
 Rated flow (m³/h).
 Model code: single-phase.
 no "D" for three-phase.



DN: 1.5" RPM: n=2850 r/min

Model	Power	Flow							Dim. (mm)		G. W. (kg)					
		kW	HP	m ³ /h	0	1.2	2.4	3.6	4.8	6	7.2	Single-Phase	Three-Phase	G(s)	G(t)	
QJDY4/ 6	-	0.37	0.5	43	38	35	27	15	740×200×115	-	14	-	14	-		
QJDY4/ 8	-	0.55	0.75	57	51	46	36	20	820×200×115	-	16	-	16	-		
QJDY4/10	QJDY4/10	0.75	1	71	64	58	45	25	900×200×115	900×200×115	17	17	17	17		
QJDY4/14	QJDY4/14	1.1	1.5	100	90	81	63	35	1320×200×115	1085×200×115	20	20	20	20		
QJDY4/18	QJDY4/18	1.5	2	129	115	104	81	45	1510×200×115	1265×200×115	25	25	25	25		
QJDY4/25	QJDY4/25	2.2	3	179	160	144	113	62	1810×200×115	1560×200×115	31	28	31	28		
-	QJDY4/32	3	4	229	205	185	145	80	M:575×130×140	P:1425×130×140	M:16	P:12.5	M:16	P:12.5		
-	QJDY4/42	4	5.5	300	269	242	190	104	M:620×130×140	P:1810×130×140	M:18.5	P:14	M:18.5	P:14		
QJDY6/ 7	-	0.55	0.75	45	43	39	35	29	2	820×200×115	-	16	-	16	-	
QJDY6/ 9	QJDY6/ 9	0.75	1	57	55	51	45	38	28	14	900×200×115	900×200×115	18	17	18	17
QJDY6/12	QJDY6/12	1.1	1.5	77	74	68	60	50	37	19	1320×200×115	1085×200×115	21	20	21	20
QJDY6/16	QJDY6/16	1.5	2	102	98	90	80	67	50	25	1510×200×115	1265×200×115	24	22	24	22
QJDY6/21	QJDY6/21	2.2	3	134	129	118	105	88	65	33	1810×200×115	1560×200×115	28	26	28	26
-	QJDY6/27	3	4	172	165	152	135	113	84	42	M:575×130×140	P:1425×130×140	M:16	P:9	M:16	P:9
-	QJDY6/36	4	5.5	229	220	203	180	150	112	56	M:620×130×140	P:1810×130×140	M:18.5	P:13.5	M:18.5	P:13.5

QJ(D)Y8 QJ(D)Y10

4" DEEP WELL PUMPS

Application

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

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 4" .

Motor and Pump

- 2 pole induction motor.
- Single-phase/Three-phase: 50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 2" .

Material

- Pump body: Stainless steel.
- Motor bracket: Stainless steel.
- Motor shaft: CS45#.
- Pump shaft: CS40Cr with electrophoretic paint.
- Mechanical seal : Graphite-Silicon carbide.
- Impeller: POM.
- Coupling and outlet: Cast iron with electrophoretic paint.

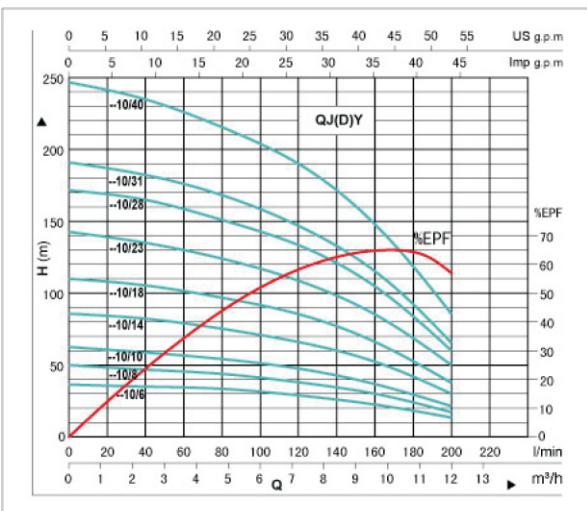
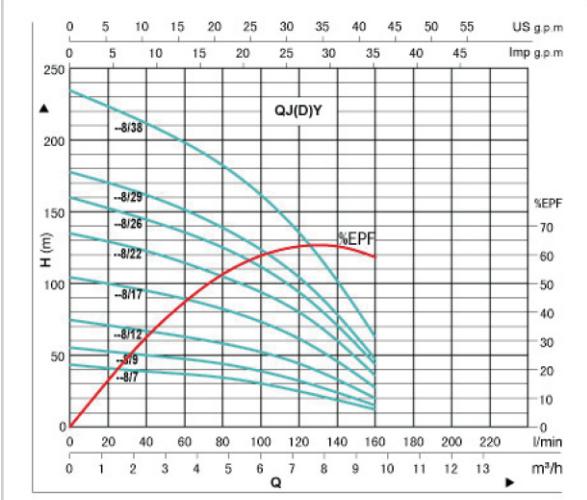
Model Definition

QJDY 8 / 12 - 1.5
 ————
 Rated power (kW).
 Impeller number.
 Rated flow (m³/h).
 Model code: single-phase.
 no "D" for three-phase.

DN: 2" RPM: n=2850 r/min

Model	Power		Flow										Dim. (mm)		G. W. (kg)				
	Single-Phase	Three-Phase	kW	HP	m ³ /h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	12	Single-Phase	Three-Phase	G(s)
QJDY8/ 7	QJY8/ 7	0.75	1		43	41	39	37	34	30	25	19	12	-	-	820×200×115	820×200×115	18	17
QJDY8/ 9	QJY8/ 9	1.1	1.5		55	53	50	47	43	38	32	24	15	-	-	1140×200×115	945×200×115	20	19
QJDY8/12	QJY8/12	1.5	2		74	71	67	63	58	51	43	33	20	-	-	1370×200×115	1140×200×115	23	21
QJDY8/17	QJY8/17	2.2	3		104	100	95	89	82	73	61	46	28	-	-	1625×200×115	1370×200×115	27	25
-	QJY8/22	3	4		135	129	122	115	105	94	79	60	36	-	-	M:575×125×125	P:1190×130×140	M:16	M:11
-	QJY8/29	4	5.5		178	170	161	151	139	124	104	79	47	-	-	M:620×125×125	P:1510×130×140	M:18.5	M:12.5
-	QJY8/38	5.5	7.5		234	223	211	198	182	162	136	103	62	-	-	M:700×125×125	P:1920×130×140	M:21	M:14.5
QJDY10/ 6	QJY10/ 6	0.75	1	H(m)	37	36	35	34	33	31	29	26	22	18	13	820×200×115	820×200×115	18	17
QJDY10/ 8	QJY10/ 8	1.1	1.5		49	48	47	45	43	41	38	34	30	24	17	1140×200×115	945×200×115	20	19
QJDY10/10	QJY10/10	1.5	2		62	61	59	57	54	51	48	43	37	30	21	1320×200×115	1085×200×115	23	21
QJDY10/14	QJY10/14	2.2	3		86	85	82	79	76	72	67	60	52	42	30	1560×200×115	1320×200×115	27	25
-	QJY10/18	3	4		111	109	106	102	97	92	86	77	67	54	38	M:525×130×140	P:1140×130×140	M:16	M:11
-	QJY10/23	4	5.5		142	139	135	130	124	118	109	99	85	69	49	M:620×130×140	P:1370×130×140	M:18.5	M:12
-	QJY10/31	5.5	7.5		191	188	182	175	168	159	147	133	115	93	66	M:700×130×140	P:2160×130×140	M:21	M:14
-	QJY10/40	7.5	10		247	242	235	226	216	205	190	172	148	120	85	M:780×130×140	P:2210×130×140	M:25.5	M:16

Hydraulic Performance Curve



4" DEEP WELL PUMPS

Application

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

Operating Conditions

- Submersible depth: 15m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 4" .

Motor and Pump

- 2 pole induction motor.
- Single-phase/Three-phase: 50Hz.
- Dry function motor.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 1.5" .

Material

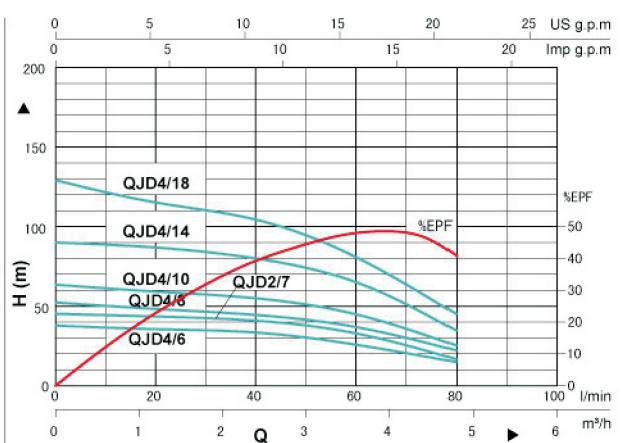
- Pump body: Stainless steel.
- Motor bracket: Stainless steel.
- Motor shaft: CS45#.
- Pump shaft: CS40Cr with electrophoretic paint.
- Mechanical seal : Graphite-Silicon carbide.
- Impeller: POM.
- Coupling and outlet: Cast iron with electrophoretic paint.

Model Definition

QJD 4 / 8 - 0.55
 ————
 Rated power (kW).
 Impeller number.
 Rated flow (m³/h).
 Model code: single-phase.
 no "D" for three-phase.

DN: 1.5" RPM: n=2850 r/min

Hydraulic Performance Curve



6SS17

6" DEEP WELL PUMPS

Application

- For clean water with sand content less than 150g/m³.
- For well pumping, river pumping, farm irrigation, water supply, mining, drainage in breeding industry.
- Civil and industrial purpose for sprinkle and food irrigation plants,etc..

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 6" .

Motor and Pump

- 2 pole induction motor.
- Single-phase/Three-phase: 50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 3" .

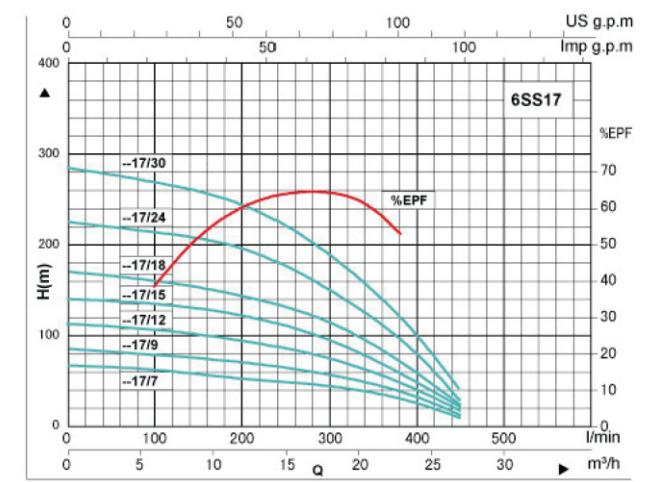
Material

- External casing: Stainless steel.
- Motor shaft Stainless steel.
- Motor Bracket: Stainless steel.
- Mechanical seal : Graphite-Silicon carbide.
- Stages and impellers: Stainless steel.
- Coupling and outlet: Stainless steel.

Model Definition

6 SS 17 / 12
 ┌─┐ ┌─┐ ┌─┐
 | | |
 └─┘ └─┘ └─┘
 Impeller number.
 Rated flow (m³/h).
 Model code.
 The minimum diameter of the well (inch).

Hydraulic Performance Curve



DN: 3" RPM: n=2850 r/min

Model	Power		Flow										Dim. (mm)		G. W. (kg)		
	kW	HP	m ³ /h	0	3	6	9	12	15	18	21	24	27	G(m)	G(p)		
Three-Phase	4	5.5	H(m)	66	64	63	61	57	52	44	35	23	10	Motor	Pump	1190×180×225	43 9
				85	82	81	79	74	67	57	45	30	13				
				113	109	108	105	98	89	76	60	40	17				
				141	136	135	131	123	111	95	75	50	21				
				170	164	162	158	147	134	114	90	60	26				
				226	218	216	210	196	178	152	120	80	34				
				283	273	270	263	245	223	190	150	100	43				

6" DEEP WELL PUMPS

6SS30

Application

- For clean water with sand content less than 150g/m³.
- For well pumping, river pumping, farm irrigation, water supply, mining, drainage in breeding industry.
- Civil and industrial purpose for sprinkle and food irrigation plants,etc..

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 6" .

Motor and Pump

- 2 pole induction motor.
- Single-phase/Three-phase: 50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 3" .

Material

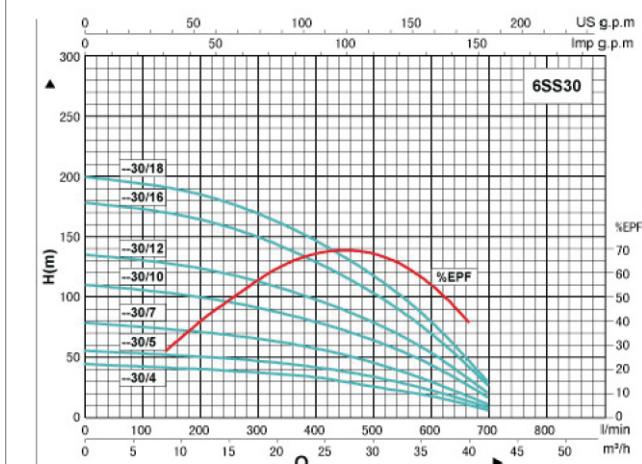
- External casing: Stainless steel.
- Motor shaft Stainless steel.
- Motor Bracket: Stainless steel.
- Mechanical seal : Graphite-Silicon carbide.
- Stages and impellers: Stainless steel.
- Coupling and outlet: Stainless steel.

Model Definition

6 SS 30 / 12
 ┌─┐ ┌─┐ ┌─┐
 | | |
 └─┘ └─┘ └─┘
 Impeller number.
 Rated flow (m³/h).
 Model code.
 The minimum diameter of the well (inch).



Hydraulic Performance Curve



DN: 3" RPM: n=2850 r/min

Model	Power		Flow										Dim. (mm)		G. W. (kg)			
	kW	HP	m ³ /h	0	3	6	9	12	15	18	21	24	27	30	33	36	39	42
Single-Phase	4	5.5	H(m)	45	44	43	42	41	39	37	34	33	30	26	22	18	13	7
				56	55	54	53	51	49	46	43	41	37	32	27	22	16	9
				78	77	76	74	72	68	64	60	57	52	45	38	31	22	12
				111	110	109	106	103	97	91	86	81	74	64	54	44	31	17
				134	132	130	127	123	117	110	103	98	89	77	65	53	38	21
				178	176	174	169	165	155	146	137	130	119	103	87	71	50	27
				201	198	195	190	185	175	165	154	147	134	116	98	80	57	31

6SS46

6" DEEP WELL PUMPS

Application

- For clean water with sand content less than 150g/m³.
- For well pumping, river pumping, farm irrigation, water supply, mining, drainage in breeding industry.
- Civil and industrial purpose for sprinkle and food irrigation plants,etc..

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 6" .

Motor and Pump

- 2 pole induction motor.
- Single-phase/Three-phase: 50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 3" .

Material

- External casing: Stainless steel.
- Motor shaft Stainless steel.
- Motor Bracket: Stainless steel.
- Mechanical seal : Graphite-Silicon carbide.
- Stages and impellers: Stainless steel.
- Coupling and outlet: Stainless steel.

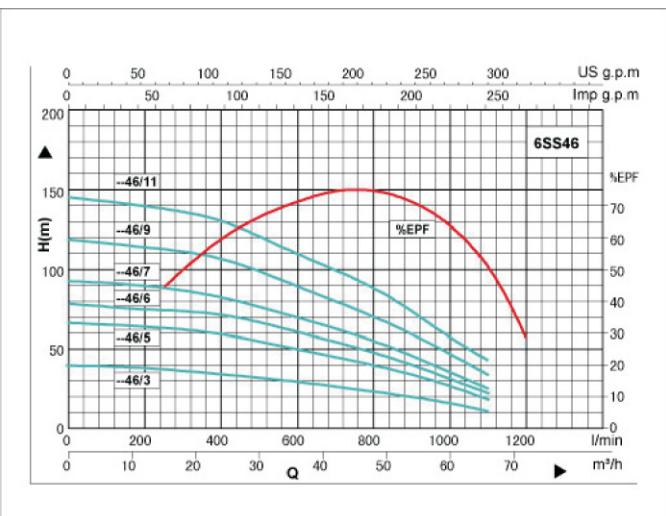
Model Definition

6 SS 46 / 11

DN: 3" RPM: n=2850 r/min

Model	Power		Flow												Dim. (mm)		G. W. (kg)		
	kW	HP	m ³ /h	0	6	12	18	24	30	36	42	48	54	60	66	72	Motor	Pump	G(m)
Three-Phase	H(m)	1/min	40	39	38	37	35	33	30	27	24	20	16	11	6	—	1230×180×225	46	9
			66	65	64	62	59	55	50	45	40	33	26	19	10	—	1500×180×225	49	15
			79	78	77	74	71	66	60	54	48	40	31	23	12	910×180×225	930×180×225	52	18
			92	91	90	87	83	77	70	63	56	46	36	27	14	970×180×225	1060×180×225	58	21
			119	117	115	112	106	99	90	81	72	59	47	34	18	1060×180×225	1270×180×225	66	27
			145	143	141	136	130	121	110	99	88	73	57	42	22	1145×180×225	1490×180×225	70	33

Hydraulic Performance Curve



6" DEEP WELL PUMPS

Application

- For clean water with sand content less than 150g/m³.
- For well pumping, river pumping, farm irrigation, water supply, mining, drainage in breeding industry.
- Civil and industrial purpose for sprinkle and food irrigation plants,etc..

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 6" .

Motor and Pump

- 2 pole induction motor.
- Single-phase/Three-phase: 50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 4" .

Material

- External casing: Stainless steel.
- Motor shaft Stainless steel.
- Motor Bracket: Stainless steel.
- Mechanical seal : Graphite-Silicon carbide.
- Stages and impellers: Stainless steel.
- Coupling and outlet: Stainless steel.

Model Definition

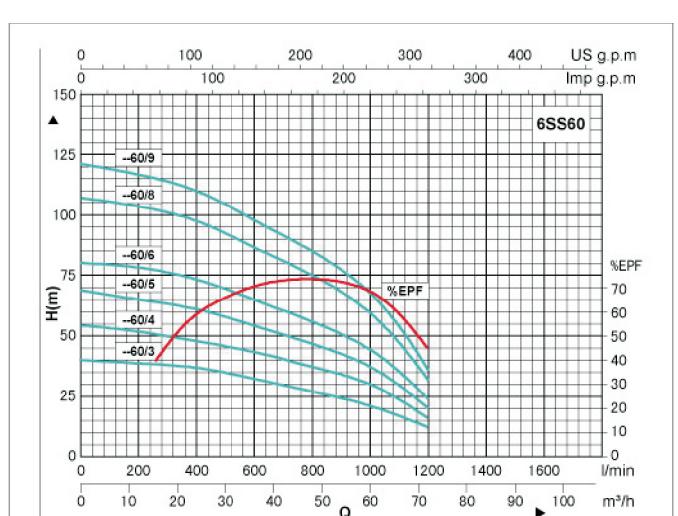
6 SS 60 / 9

DN: 4" RPM: n=2850 r/min

Model	Power		Flow												Dim. (mm)		G. W. (kg)			
	kW	HP	m ³ /h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	Motor	Pump	G(s)
Three-Phase	H(m)	1/min	40	40	39	37	35	33	30	27	24	20	16	11	6	—	1250×180×225	46	9	
			54	53	52	51	49	46	43	40	38	34	30	23	16	9	—	1410×180×225	49	12
			67	66	65	64	61	57	54	50	47	43	37	29	20	11	910×180×225	840×180×225	52	15
			80	79	78	77	73	68	65	60	56	52	44	35	24	13	970×180×225	970×180×225	58	18
			107	106	104	102	98	91	86	80	75	69	59	46	32	18	1060×180×225	1180×180×225	66	24
			121	119	117	115	110	103	97	90	85	77	67	52	36	20	1145×180×225	1290×180×225	70	27

6SS60

Hydraulic Performance Curve



6SG10

6" DEEP WELL PUMPS

Application

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

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 6" .

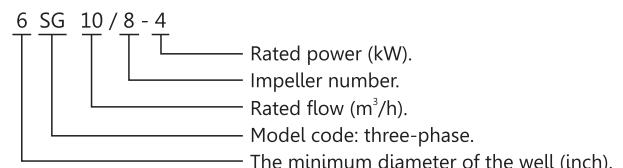
Motor and Pump

- 2 pole induction motor.
- Three-phase: 50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 3" .

Material

- Pump body: Stainless steel.
- Motor bracket: Stainless steel.
- Motor shaft: CS45#.
- Pump shaft: CS40Cr with electrophoretic paint.
- Mechanical seal : Graphite-Silicon carbide.
- Impeller: POM.
- Coupling and outlet: Cast iron with electrophoretic paint.

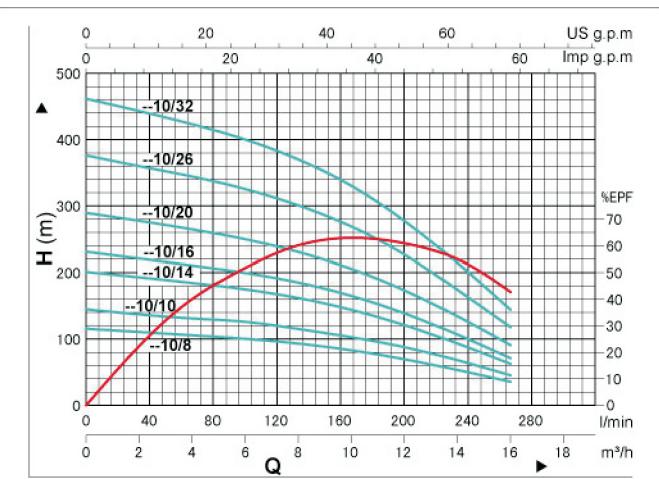
Model Definition



DN: 3" RPM: n=2850 r/min

Model	Power		Flow										Dim. (mm)		G. W. (kg)		
	Three-Phase	kW	HP	m ³ /h	0	2	4	6	8	10	12	14	16	Motor	Pump	G(m)	G(p)
		1/min	0	33	67	100	133	167	200	233	267						
6SG10/ 8	H(m)	4	5.5	132	115	110	102	92	80	67	51	33	750×180×225	760×180×200	43	18	
6SG10/10		5.5	7.5	165	144	138	128	115	100	84	64	41	780×180×200	840×180×200	46	19	
6SG10/14		7.5	10	231	201	193	179	161	140	117	89	58	830×180×200	1010×180×200	49	22	
6SG10/16		9.2	12.5	264	230	220	204	184	160	134	102	66	910×180×200	1080×180×200	52	23	
6SG10/20		11	15	330	288	275	255	230	200	168	128	83	970×180×200	1230×180×200	58	27	
6SG10/26		15	20	429	374	358	332	299	260	218	166	107	1060×180×200	1480×180×200	66	31	
6SG10/32		18.5	25	528	460	440	408	368	320	268	204	132	1145×180×200	1710×180×200	70	36	

Hydraulic Performance Curve



6" DEEP WELL PUMPS

Application

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

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 6" .

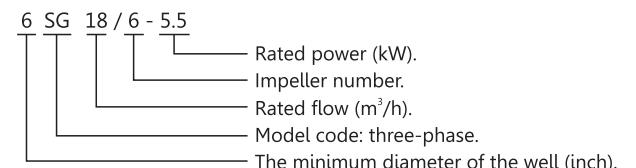
Motor and Pump

- 2 pole induction motor.
- Three-phase: 50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 3" .

Material

- Pump body: Stainless steel.
- Motor bracket: Stainless steel.
- Motor shaft: CS45#.
- Pump shaft: CS40Cr with electrophoretic paint.
- Mechanical seal : Graphite-Silicon carbide.
- Impeller: POM.
- Coupling and outlet: Cast iron with electrophoretic paint.

Model Definition



DN: 3" RPM: n=2850 r/min

Model	Power		Flow										Dim. (mm)		G. W. (kg)		
	Three-Phase	kW	HP	m ³ /h	0	2	4	6	8	10	12	15	Motor	Pump	G(s)	G(t)	
		1/min	0	50	100	150	200	250	300	350	400	450					
6SG18/ 6	H(m)	5.5	7.5	87	84	81	77	72	64	55	45	33	19	-	1365×180×200	45	17
6SG18/ 9		7.5	10	131	126	122	116	108	96	83	68	50	29	-	1550×180×200	49	20
6SG18/11		9.2	12.5	160	154	149	141	132	117	101	83	61	35	910×180×200	970×180×200	54	21.5
6SG18/13		11	15	189	182	176	167	156	139	119	98	72	41	970×180×200	1060×180×200	59	23
6SG18/18		15	20	261	252	243	231	216	192	165	135	99	57	1060×180×200	1365×180×200	68	28
6SG18/22		18.5	25	316	308	297	282	264	235	202	165	121	70	1145×180×200	1550×180×200	76	31

6SG30

6" DEEP WELL PUMPS

Application

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

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 6" .

Motor and Pump

- 2 pole induction motor.
- Three-phase: 50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 3" .

Material

- Pump body: Stainless steel.
- Motor bracket: Stainless steel.
- Motor shaft: CS45#.
- Pump shaft: CS40Cr with electrophoretic paint.
- Mechanical seal : Graphite-Silicon carbide.
- Impeller: POM.
- Coupling and outlet: Cast iron with electrophoretic paint.

Model Definition

6 SG 30 / 5 - 5.5
 ———|—————
 Rated power (kW).
 Impeller number.
 ———|—————
 Rated flow (m³/h).
 ———|—————
 Model code: three-phase.
 ———|—————
 The minimum diameter of the well (inch).

DN: 3" RPM: n=2850 r/min

Model	Power		Flow										Dim. (mm)		G. W. (kg)		
	Three-Phase	kW	HP	m ³ /h	0	5	10	15	20	25	30	35	40	Motor	Pump	G(m)	G(p)
		1/min	0	83	167	250	333	417	500	583	667						
6SG30/ 5	H(m)	5.5	7.5	72	68	64	59	53	45	35	23	10	770×180×200	730×180×200	45	17	
6SG30/ 7		7.5	10	101	95	90	83	74	63	49	32	14	820×180×200	860×180×200	49	19	
6SG30/ 9		9.2	12.5	130	122	115	106	95	81	63	41	18	910×180×200	960×180×200	54	21.5	
6SG30/11		11	15	158	150	141	130	117	99	77	51	22	970×180×200	1080×180×200	59	23	
6SG30/15		15	20	216	204	192	177	159	135	105	69	30	1060×180×200	1280×180×200	68	28	
6SG30/18		18.5	25	259	245	230	212	191	162	126	83	36	1145×180×200	1460×180×200	76	31	



6" DEEP WELL PUMPS

Application

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

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 6" .

Motor and Pump

- 2 pole induction motor.
- Three-phase: 50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 3" .

Material

- Pump body: Stainless steel.
- Motor bracket: Stainless steel.
- Motor shaft: CS45#.
- Pump shaft: CS40Cr with electrophoretic paint.
- Mechanical seal : Graphite-Silicon carbide.
- Impeller: POM.
- Coupling and outlet: Cast iron with electrophoretic paint.

Model Definition

6 SG 45 / 5 - 7.5
 ———|—————
 Rated power (kW).
 Impeller number.
 ———|—————
 Rated flow (m³/h).
 ———|—————
 Model code: three-phase.
 ———|—————
 The minimum diameter of the well (inch).

DN: 3" RPM: n=2850 r/min

Model	Power		Flow												Dim. (mm)		G. W. (kg)		
	Three-Phase	kW	HP	m ³ /h	0	6	12	18	24	30	36	42	48	54	60	Motor	Pump	G(s)	G(t)
		1/min	0	100	200	300	400	500	600	700	800	900	1000						
6SG45/ 5	H(m)	7.5	10	79	74	69	64	59	54	50	44	38	30	21	820×180×200	730×180×200	49	18	
6SG45/ 6		9.2	12.5	95	89	83	77	71	65	60	53	46	36	25	910×180×200	860×180×200	52	19	
6SG45/ 7		11	15	111	104	97	90	83	76	70	62	53	42	29	970×180×200	960×180×200	58	21.5	
6SG45/ 9		15	20	142	133	124	115	106	97	90	79	68	54	38	1060×180×200	1080×180×200	66	23	
6SG45/11		18.5	25	174	163	152	141	130	119	110	97	84	66	46	1145×180×200	1280×180×200	70	26	



6SG60

6" DEEP WELL PUMPS

Application

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

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 6".

Motor and Pump

- 2 pole induction motor.
- Three-phase: 50Hz.
- Submersible motor in oil bath.
- Insulation: Class B.
- Protection: IP X8.
- Outlet diameter: 3".

Material

- Pump body: Stainless steel.
- Motor bracket: Stainless steel.
- Motor shaft: CS45#.
- Pump shaft: CS40Cr with electrophoretic paint.
- Mechanical seal : Graphite-Silicon carbide.
- Impeller: POM.
- Coupling and outlet: Cast iron with electrophoretic paint.

Model Definition

6 SG 60 / 4 - 7.5
 Rated power (kW).
 Impeller number.
 Rated flow (m³/h).
 Model code: three-phase.
 The minimum diameter of the well (inch).



DN: 3" RPM: n=2850 r/min

Model	Power		Flow												Dim. (mm)		G. W. (kg)			
	kW	HP	m ³ /h	0	6	12	18	24	30	36	42	48	54	60	66	72	Motor	Pump	G(m)	G(p)
Three-Phase	7.5	10	H(m)	62	59	56	53	50	47	43	39	35	30	24	16	9	910×180×200	800×180×200	49	18
				78	74	70	66	63	59	54	49	44	38	30	20	11	970×180×200	890×180×200	58	19
				109	103	98	93	88	82	75	68	61	53	42	28	16	1060×180×200	1060×180×200	66	21.5
				140	133	126	119	113	106	97	88	79	68	54	36	20	1145×180×200	1230×180×200	70	25

VOSSCHE

PERIPHERAL TURBINE ANTIBLOCKING SUBMERSIBLE PUMPS FOR 4" WELLS

4SK(m)

Application

- Peripheral monoblock submersible water pumps for deep wells with a min. diameter of 4".
- Conceived in order to solve any problem in irrigation, gardening, domestic and zootechnic plants employing clean water.

Operating Conditions

- Submersible depth up to 70m.
- Liquid temperature up to 35°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.
- Min. well diameter: 4".

Motor and Pump

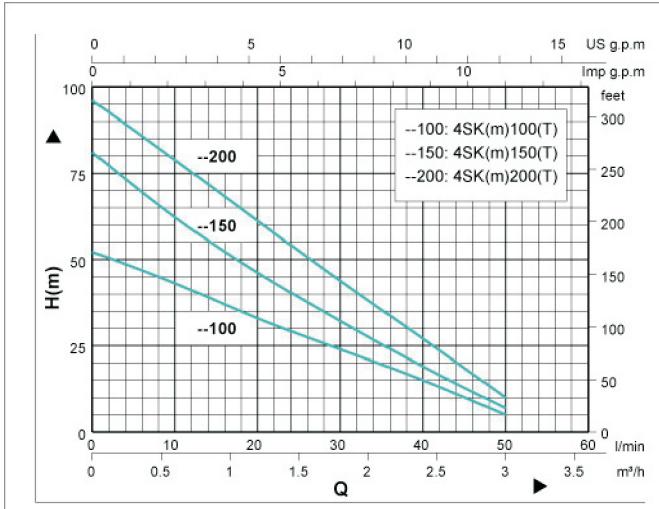
- 2 pole induction motor.
- Single-phase/Three-phase: 50Hz.
- Single-phase with overload protection.
- Insulation: Class B.
- Protection: IP X8.
- Single-phase with capacitor.
- Outlet diameter: 1".

Material

- Delivery outlet: Brass/Cast iron with electrophoretic paint.
- Suction flange: Brass/Cast iron with electrophoretic paint.
- External casing: Stainless steel.
- Impeller: Brass.
- Filter: Stainless steel.
- Shaft with rotor: Stainless steel.
- Antiblocking plate: Stainless steel.
- Mechanical seal: Ceramic-Graphite.

4 SK m 100 T
 Cast iron pump casing,
 no "T" for cooper pump casing.
 Rated power, unit: 1/100HP.
 Single-phase, no "m" for three-phase.
 Model code: deep well water pump of vortex type.
 The minimum diameter of the well (inch).

Hydraulic Performance Curve



DN: 1" RPM: n=2850 r/min

Model	Power		Flow							Dim. (mm)				G. W. (kg)					
	Single-Phase	Three-Phase	kW	HP	m ³ /h	0	0.6	1.2	1.8	2.4	1/min	0	10	20	30	40	G(s)	G(t)	
4SKm100(T)	4SK100(T)	0.75	1							H(m)	52	42	33	21	8	530×190×140	530×190×140	14.5	14
	4SK150(T)	1.1	1.5								81	56	46	25	10	820×190×140	600×190×140	17	16
	4SK200(T)	1.5	2								96	84	61	45	21	820×190×140	600×190×140	19	17.5

VOSSCHE

QG(D)

SUBMERSIBLE SCREW PUMPS

Application

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

Operating Conditions

- Submersible depth: 70m.
- Liquid temperature up to +40°C.
- Ambient temperature up to +40°C.

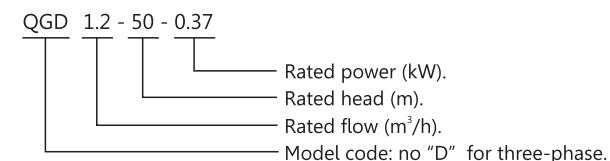
Motor and Pump

- 2 pole induction motor.
- Single-phase/Three-phase: 50Hz.
- Insulation: Class E.
- Protection: IP X8.

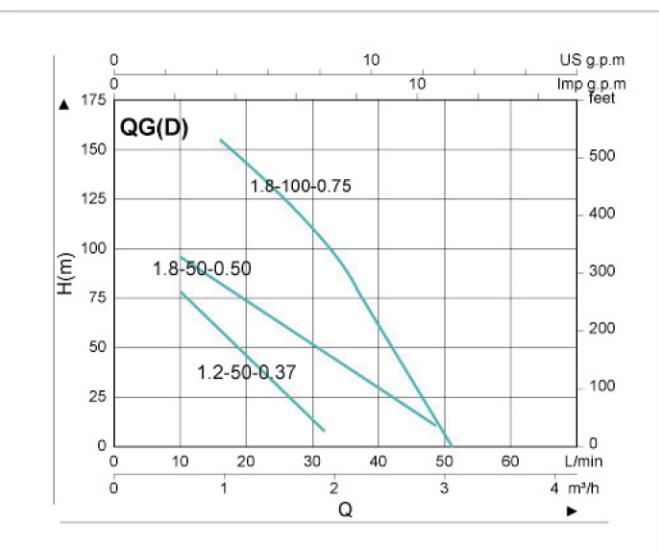
Material

- Extrusion chamber: Cast iron or Stainless steel.
- Suction Chamber: Cast iron of Stainless steel.
- Motor Bracket: Cast iron or Stainless steel.
- Motor Shaft: Ss420 or Cs45#.
- Mechanical Seal: Ceramic-Graphite.

Model Definition



Hydraulic Performance Curve



DN: 1" RPM: n=2850 r/min

Model		Power		Outlet (Inch)	Max.Flow (m ³ /h)	Max.Head (m)	Dim. (mm)	G.W. (kg)	20' Loading Qty (pcs)
Single-Phase	Three-Phase	kW	HP						
QG(Y)D1.2-50-0.37	-	0.37	0.5	1	1.95	70	555×120×210	14	1450
QG(Y)D1.8-50-0.5	-	0.5	0.7	1	2.75	70	555×120×210	14.5	1440
QG(Y)D1.8-100-0.75	-	0.75	1	1	2.5	120	625×120×210	25	770
	QG1.8-100-0.75	0.75	1	1	2.5	120	615×120×210	23	830

MULTI-STAGE SUBMERSIBLE PUMPS FOR 5" WELLS

NK(m)

Application

- Centrifugal submersible multi-stage water pumps for clean water drainage.
- Particularly suitable for irrigation systems, drinkable water supplying, etc..

Operating Conditions

- Submersible depth up to 20m.
- Liquid temperature up to 40°C.
- Ambient temperature up to +40°C.
- Max. sand content: 150g/m³.

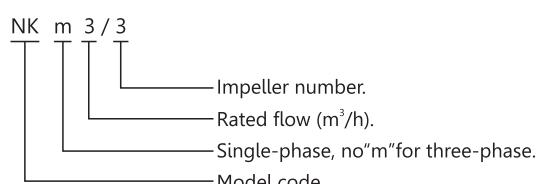
Motor and Pump

- 2 pole induction motor.
- Single-phase/Three-phase: 50Hz.
- Built-in overload motor protection.
- Insulation: Class B.
- Protection: IP X8.
- Built-in capacitor.
- Outlet diameter: 1.25".

Material

- External pump body: Stainless Steel.
- Suction strainer: Stainless Steel.
- Impeller and diffusers: Nylon/Stainless steel/PPO.
- Bearing brackets: Cast iron.
- Shaft: Stainless Steel.
- Shaft with rotor: Stainless steel.
- Motor housing: Stainless Steel.
- Mechanical seal: Ceramic-Graphite.

Model Definition



DN: 1.25" RPM: n=2850 r/min

Model		Power		Flow										Dim. (mm)		G. W. (kg)		
Single-Phase	Three-Phase	kW	HP	m ³ /h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	Single-Phase	Three-Phase	G(s)	G(t)
NKm3/3	-	0.55	0.75	H(m)	33	32	31	30	28	25	21	17	11	5	225×145×585	-	13	-
NKm3/4	NK3/4	0.75	1		44	43	42	40	37	34	30	24	18	10	225×145×615	225×145×585	14.5	12.5
NKm3/6	NK3/6	1.1	1.5		66	64	62	60	56	51	45	37	28	17	225×145×725	225×145×665	17	16
NKm3/8	NK3/8	1.5	2		88	86	83	79	74	68	60	50	38	22	225×145×805	225×145×725	20.5	17



CONTROL BOX

Memo



No.	Model	Power kW	Phase	Voltage	Protection Feature	Protection Class	Outline Dimension	Installation Mode	Remark
1	QJDYMP-1	0.37~2.2	1	220~240	Overload	IP54	200×180×85	Wall-mounted	-
2	CS	0.37~2.2	1	220~240	Overload,empty load	IP44	205×135×70	Wall-mounted	-
3	CSW	0.37~2.2	1	220~240	Overload,empty load	IP44	215×145×75	Wall-mounted	With water level control
4	CTC	0.55~15	3	380~415	Overload,phase failure, empty load	IP44	230×140×115	Wall-mounted	-
5	CTL	0.55~15	3	380~415	Overload,phase failure, empty load	IP44I	230×140×115	Wall-mounted	With water level control
6	SGJK	3~13	3	380~415	Overload,phase failure, empty load	IP44	300×250×160	Wall-mounted	-
7	SGJK-L	3~13	3	380~415	Overload,phase failure	IP44	300×250×160	Wall-mounted	With water level control
8	SGJK	15~18.5	3	380~415	Overload,phase failure	IP44	400×300×200	Wall-mounted	-
9	SGJK-L	15~18.5	3	380~415	Overload,phase failure	IP44	400×300×200	Wall-mounted	With water level control
10	SKP1	0.75~7.5	3	380~415	Overload,phase failure	IP44	200×125×120	Wall-mounted	-

Memo

Memo
