



Technical Catalogue



SK Series

Electric Submersible Pump

Introduction

The motor and pump body of SD, SK, SP submersible electrical pump series are tightly coupled through the designed casing pipe shaft, and a suction filter is installed between the pump and the motor to effectively isolate the impurities in the liquid. The whole component is submerged in the liquid with the pump, which can prevent the cavitation of the pump. The centrifugal force generated by the motor rotating the impeller of the pump drives the fluid to push from the underground to the surface. pump mainly consists of ground components and underground components. The ground components include control cabinet, cable, transformer, etc., and the underground components include pipelines, pumps and other attached ground components, which extend to the bottom of the well through the transmission pipeline. The motor part of submersible electrical pump is usually installed under the hydraulic press. Three different materials are provided for selection according to different working conditions.

Pump material

SD series-All pump flow components are high quality plastic material and Oil-filled motor. Size: 3" 4"
SK series-Pump impeller is high quality plastic material and diffuser is stainless steel and PC material. Size: 4"
SP series-All pump flow components are stainless steel 304 and SS316 could be customized. Size: 4" 6" 8" 10"

Ambient temperature

If the ambient temperature exceeds the 40 °C or the pump is installed at an altitude exceeding 1000 m, the motor output power P2 will decrease. In such cases, it necessary to use a motor with a higher rated output.

Pump operating conditions

Pumping liquids which are thin, clean, non-flammable, non-combustible or non-explosive liquids, not containing solid particles or fibers.

Maximum ambient temperature: +40 °C

Maximum altitude above sea level: 1000 m

Maximum depth: 70m

Motor

Enclosure class: IP68

Insulation class: F

Voltage: 3x220-240/380-415V

1x220-240V

available with single-phase motors(0.37kW-2.2kW)

Liquid temperature °C

Normal temperature pump: -15°C to +70°C

Hot temperature pump: -15°C to +105°C

Performance curves

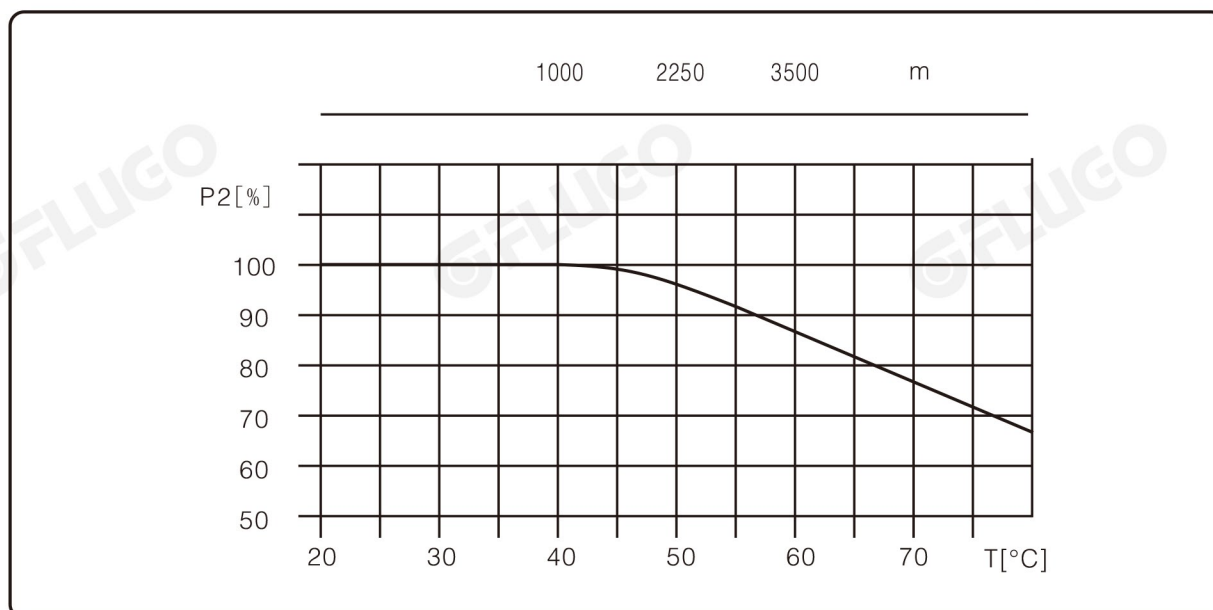
The motors used for the measurements are based on 2900rpm or 2950 rom

Tolerances to ISO 9906

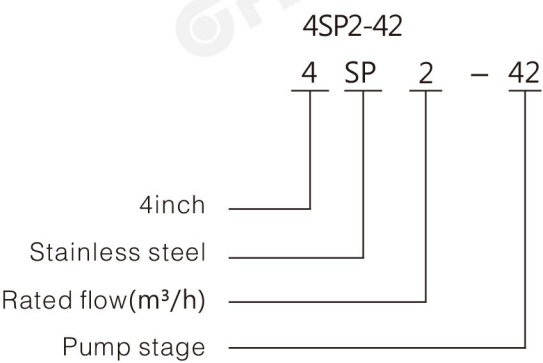
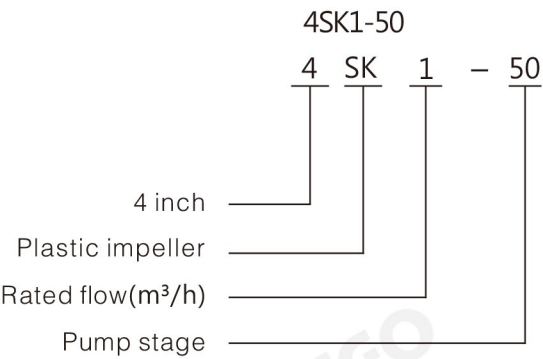
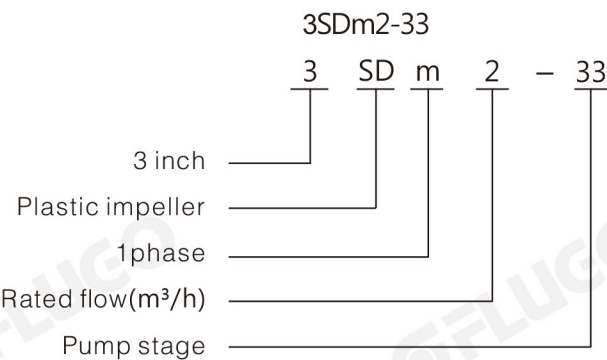
Measurements have been made with airless water at a temperature of 20 °C

The curves apply to the following kinematic viscosity: = 1 mm²/s

Select a best efficiency of the pump which is operating within the bold curve of the pump performance.



Model specification



Applications

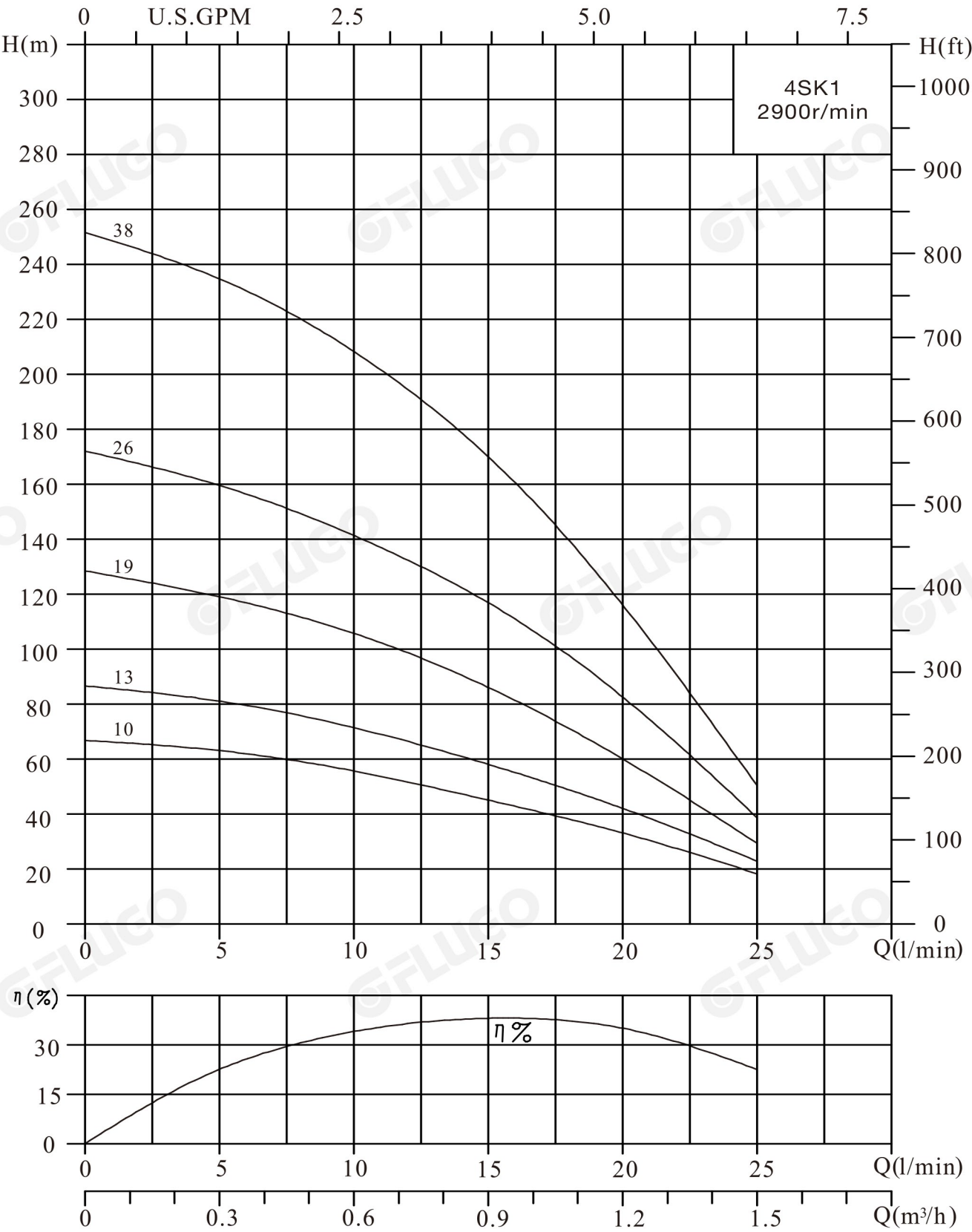
Groundwater pumping

- Residential water
- Wells pumping
- Municipal water
- Industrial water
- Water villa
- Water supply system
- Municipal water supply
- The system pressure
- Pipeline pressurization
- Spray irrigation system
- The air conditioning system
- Fire protection system
- Cooling circulation system

4SK1

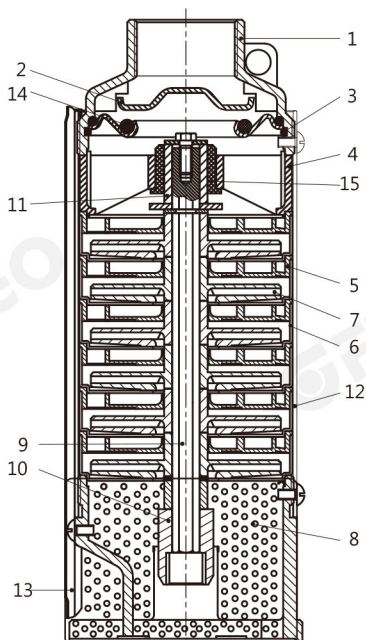
ELECTRIC SUBMERSIBLE PUMP

Performance curve (50Hz)

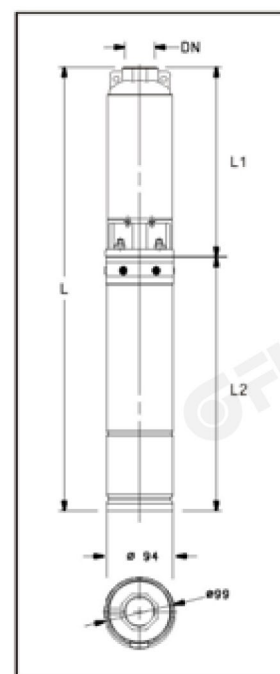


Performance curve (50Hz)

Model	Power		Outlet (inch)	m ³ /h l/min	0	0.3	0.6	0.9	1.2	1.5
	kW	Hp			0	5	10	15	20	25
4SK1-10	0.37	0.5	1.25"	H(m)	67	63	55	46	33	18
4SK1-13	0.37	0.5			86	78	70	56	42	23
4SK1-19	0.55	0.75			126	118	105	86	60	30
4SK1-26	0.75	1			173	160	141	117	81	39
4SK1-38	1.1	1.5			253	234	208	169	117	52
4SK1-50	1.5	2			318	295	266	218	158	70



No.	Component	Material
1	Discharge chamber	Stainless steel
2	Check valve	Stainless steel
3	Check valve retainer	Stainless steel
4	Top diffuser	PC
5	Diffuser	PC
6	Wear box	Stainless steel
7	Impeller	PPO
8	Strainer	Stainless steel
9	Pump shaft	Stainless steel
10	Coupling	Stainless steel
11	Sleeve	Stainless steel
12	Cylinder	Stainless steel
13	Cable guard	Stainless steel
14	O ring	NBR
15	Bearing	Polyurethane

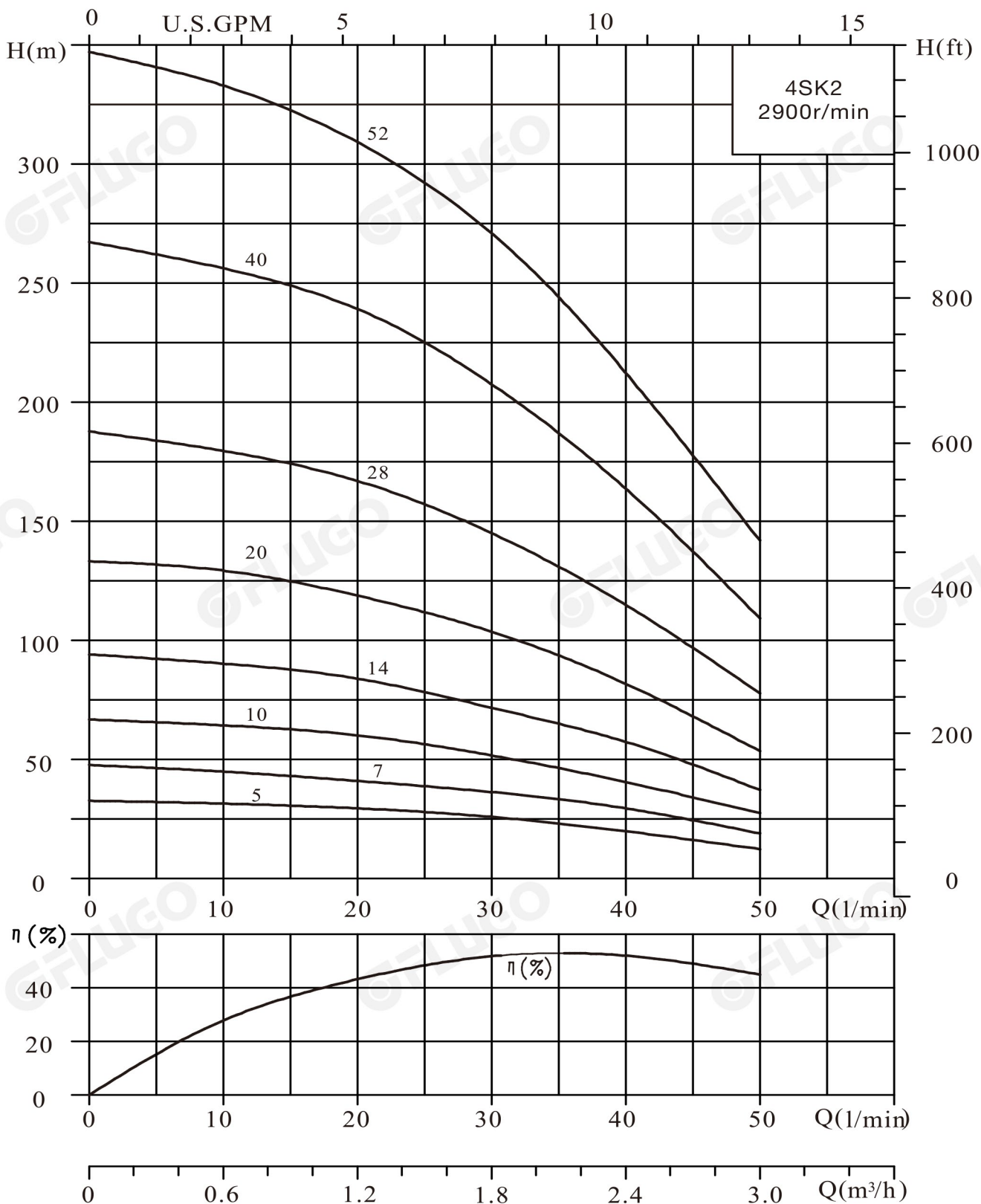


Model	Power		Outlet (inch)	Dimensions(mm)			Weight(kg)		
	kW	Hp		Pump(L1)	Motor(L2)	Electric Pump(L)	Pump	Motor	Electric Pump
4SK1-10	0.37	0.5	1.25"	331	324	655	3.3	9	12.3
4SK1-13	0.37	0.5		383	324	707	3.7	9	12.7
4SK1-19	0.55	0.75		488	344	832	4.7	9.8	14.5
4SK1-26	0.75	1		610	369	979	5.8	11	16.8
4SK1-38	1.1	1.5		896	404	1300	8.2	13	21.2
4SK1-50	1.5	2		1110	449	1559	10.1	15	25.1

4SK2

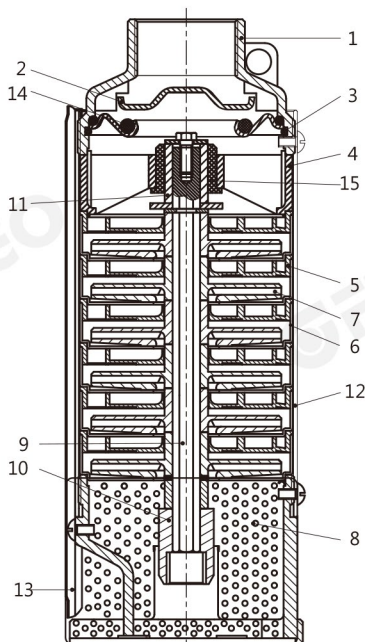
ELECTRIC SUBMERSIBLE PUMP

Performance curve (50Hz)

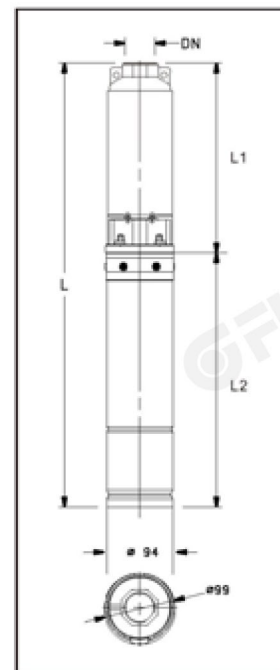


Performance data (50Hz)

Model	Power		Outlet (inch)	m ³ /h l/min	0	1.5	1.8	2.1	2.4	2.7	3
	kW	Hp			0	25	30	35	40	45	50
4SK2-5	0.37	0.5	1.25"	H(m)	33	28	26	24	20	17	13
4SK2-7	0.37	0.5			47	39	35	32	28	24	19
4SK2-10	0.55	0.75			67	56	52	47	41	35	27
4SK2-14	0.75	1			93	78	73	66	57	50	37
4SK2-20	1.1	1.5			133	113	104	97	82	72	53
4SK2-28	1.5	2			187	158	146	130	115	97	74
4SK2-40	2.2	3			267	226	208	186	164	136	106
4SK2-52	3	4			347	294	271	243	213	178	138



No.	Component	Material
1	Discharge chamber	Stainless steel
2	Check valve	Stainless steel
3	Check valve retainer	Stainless steel
4	Top diffuser	PC
5	Diffuser	PC
6	Wear box	Stainless steel
7	Impeller	PPO
8	Strainer	Stainless steel
9	Pump shaft	Stainless steel
10	Coupling	Stainless steel
11	Sleeve	Stainless steel
12	Cylinder	Stainless steel
13	Cable guard	Stainless steel
14	O ring	NBR
15	Bearing	Polyurethane



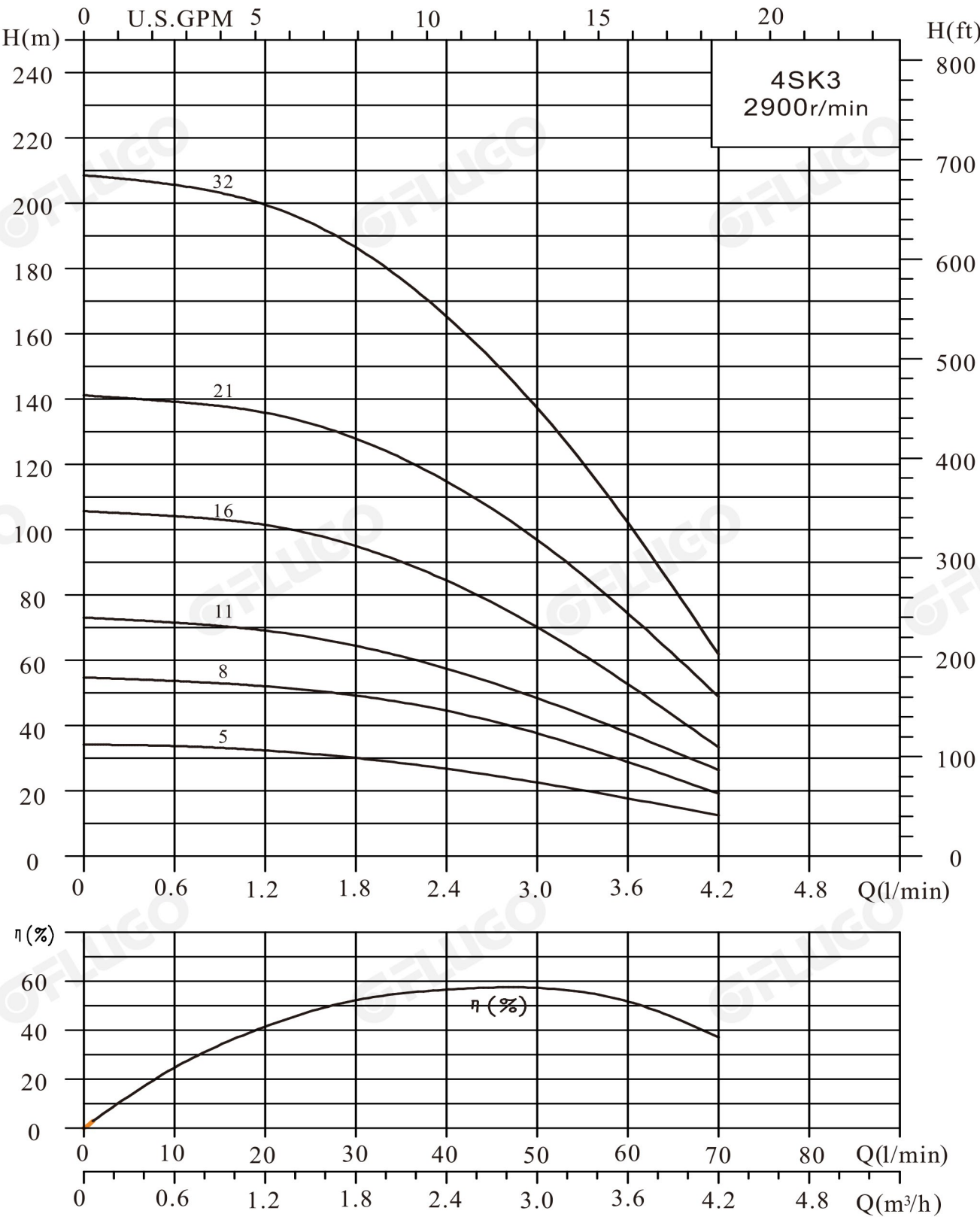
Installation dimensions and weight (50Hz)

Model	Power		Outlet (inch)	Dimensions(mm)			Weight(kg)		
	kW	Hp		Pump(L1)	Motor(L2)	Electric Pump(L)	Pump	Motor	Electric Pump
4SK2-5	0.37	0.5	1.25"	253	324	577	2.6	9	11.6
4SK2-7	0.37	0.5		292	324	616	2.9	9	11.9
4SK2-10	0.55	0.75		350	344	694	3.5	9.8	13.3
4SK2-14	0.75	1		428	369	797	4.2	11	15.2
4SK2-20	1.1	1.5		545	404	949	5.3	13	18.3
4SK2-28	1.5	2		701	449	1150	7.1	15	22.1
4SK2-40	2.2	3		1011	539	1550	10.1	17	27.1
4SK2-52	3	4		1153	557	1710	12.2	17.6	29.8

4SK3

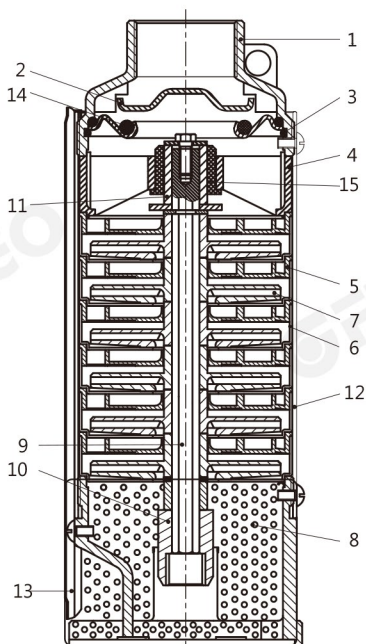
ELECTRIC SUBMERSIBLE PUMP

Performance curve (50Hz)

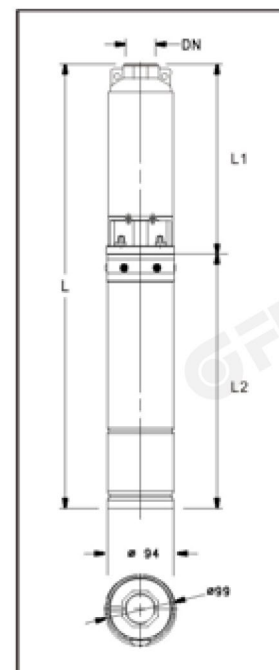


Performance data (50Hz)

Model	Power		Outlet (inch)	m³/h l/min	0	2.1	2.4	2.7	3.0	3.6	4.2
	kW	Hp			0	35	40	45	50	60	70
4SK3-5	0.37	0.5	1.25"	H(m)	34	29	27	25	23	18	12
4SK3-8	0.55	0.75			54	46	43	41	38	30	19
4SK3-11	0.75	1			72	61	56	54	49	38	28
4SK3-16	1.1	1.5			106	89	83	77	70	54	34
4SK3-21	1.5	2			142	122	115	108	100	79	49
4SK3-32	2.2	3			208	177	165	152	138	104	64



No.	Component	Material
1	Discharge chamber	Stainless steel
2	Check valve	Stainless steel
3	Check valve retainer	Stainless steel
4	Top diffuser	PC
5	Diffuser	PC
6	Wear box	Stainless steel
7	Impeller	PPO
8	Strainer	Stainless steel
9	Pump shaft	Stainless steel
10	Coupling	Stainless steel
11	Sleeve	Stainless steel
12	Cylinder	Stainless steel
13	Cable guard	Stainless steel
14	O ring	NBR
15	Bearing	Polyurethane



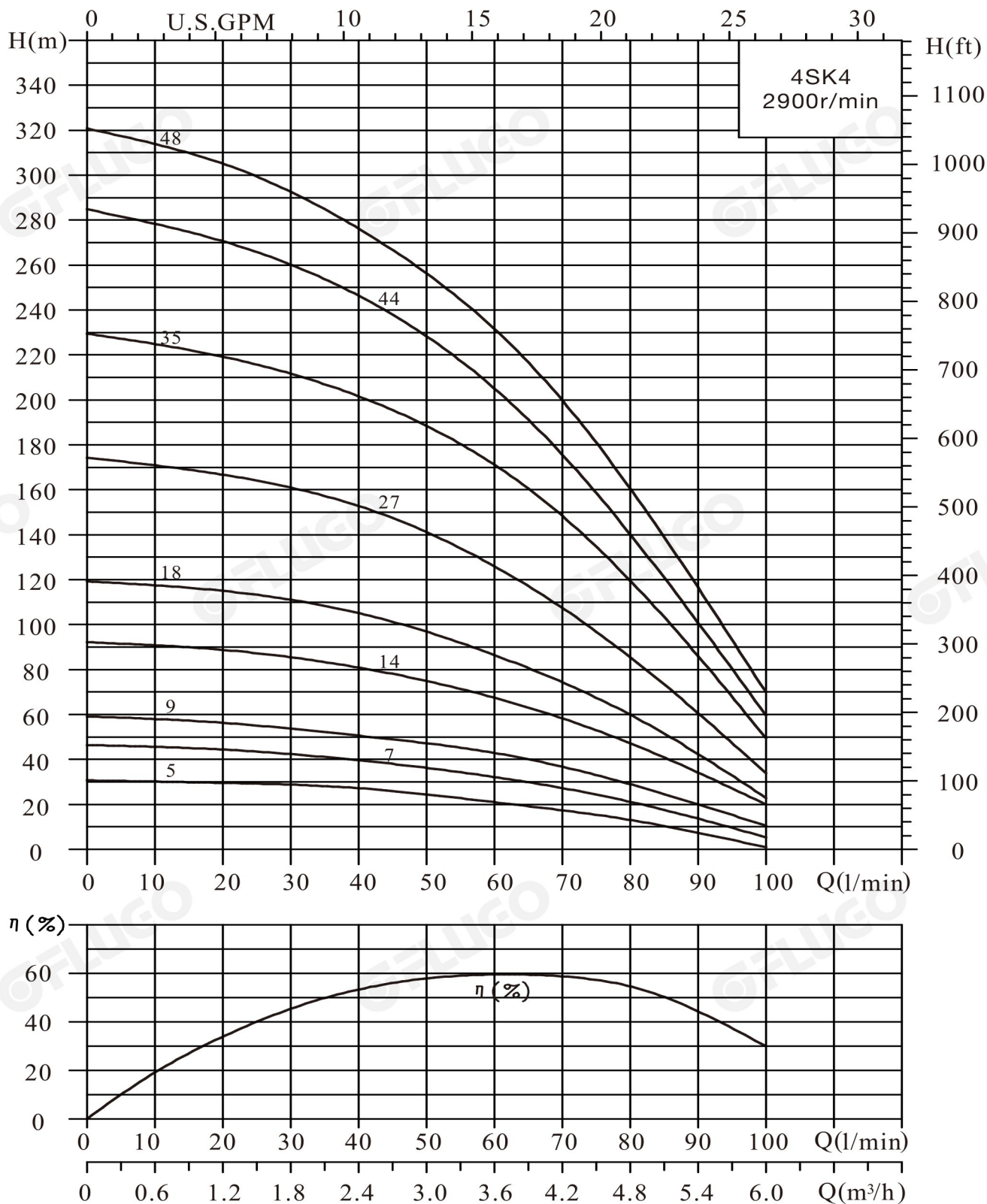
Installation dimensions and weight (50Hz)

Model	Power		Outlet (inch)	Dimensions(mm)			Weight(kg)		
	kW	Hp		Pump(L1)	Motor(L2)	Electric Pump(L)	Pump	Motor	Electric Pump
4SK3-5	0.37	0.5	1.25"	253	324	577	2.5	9	11.5
4SK3-8	0.55	0.75		313	344	657	2.9	9.8	12.7
4SK3-11	0.75	1		370	369	739	3.4	11	14.4
4SK3-16	1.1	1.5		468	404	872	4.2	13	17.2
4SK3-21	1.5	2		565	449	1014	5	15	20
4SK3-32	2.2	3		856	539	1395	7.1	17	24.1

4SK4

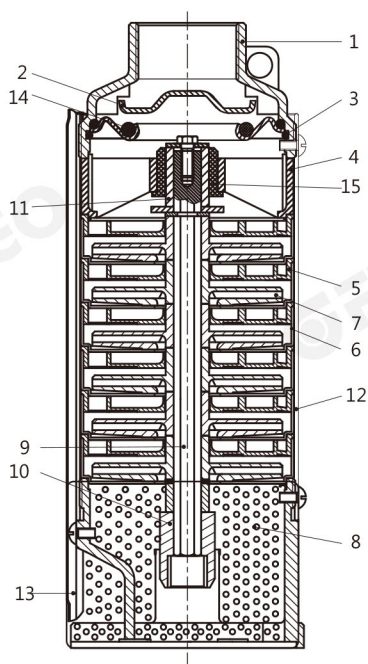
ELECTRIC SUBMERSIBLE PUMP

Performance curve (50Hz)

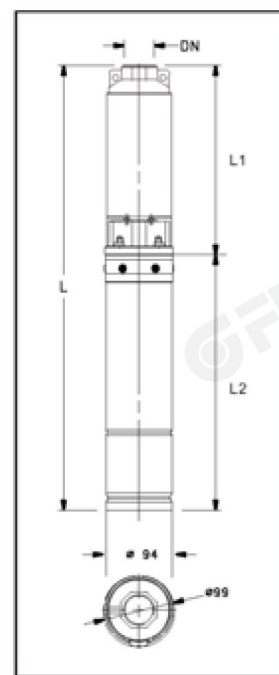


Performance date (50Hz)

Model	Power		Outlet (inch)	m³/h l/min	0	3	3.6	4.2	4.8	5.4	6
	kW	Hp			0	50	60	70	80	90	100
4SK4-5	0.37	0.5	1.25"	H(m)	33	22	21	17	13	8	3
4SK4-7	0.55	0.75			46	36	33	28	21	13	7
4SK4-9	0.75	1			59	47	43	37	28	20	10
4SK4-14	1.1	1.5			93	76	68	58	47	33	19
4SK4-18	1.5	2			120	98	88	75	60	42	25
4SK4-27	2.2	3			175	141	127	109	87	61	35
4SK4-35	3	4			231	184	166	145	119	85	49
4SK4-44	4	5.5			285	223	201	173	139	99	55
4SK4-48	4	5.5			322	248	228	198	160	118	70



No.	Component	Material
1	Discharge chamber	Stainless steel
2	Check valve	Stainless steel
3	Check valve retainer	Stainless steel
4	Top diffuser	PC
5	Diffuser	PC
6	Wear box	Stainless steel
7	Impeller	PPO
8	Strainer	Stainless steel
9	Pump shaft	Stainless steel
10	Coupling	Stainless steel
11	Sleeve	Stainless steel
12	Cylinder	Stainless steel
13	Cable guard	Stainless steel
14	O ring	NBR
15	Bearing	Polyurethane



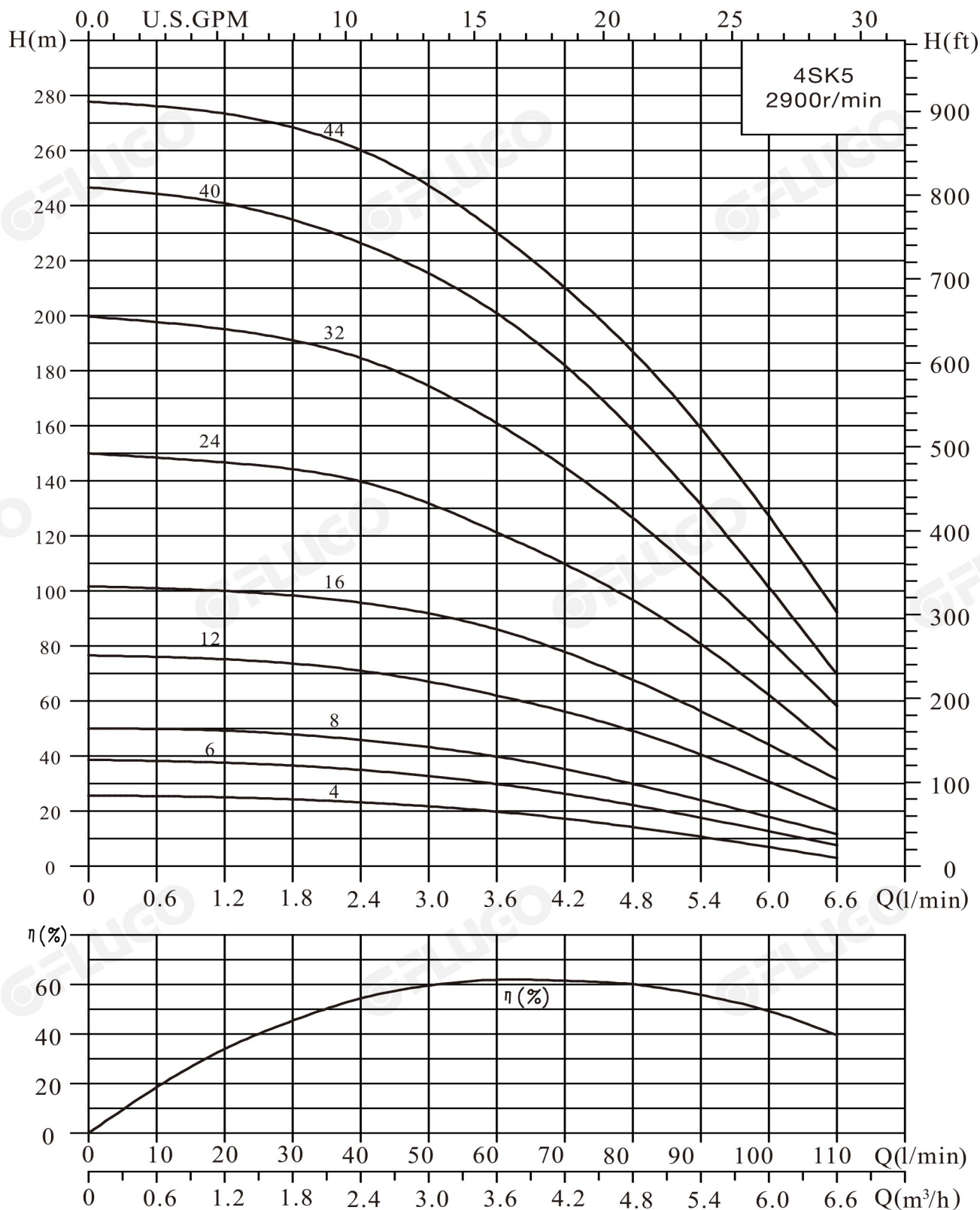
Installation dimensions and weight (50Hz)

Model	Power		Outlet (inch)	Dimensions(mm)			Weight(kg)		
	kW	Hp		Pump(L1)	Motor(L2)	Electric Pump(L)	Pump	Motor	Electric Pump
4SK4-5	0.37	0.5	1.25"	263	324	587	2.7	9	11.7
4SK4-7	0.55	0.75		306	344	650	3	9.8	12.8
4SK4-9	0.75	1		350	369	719	3.3	11	14.3
4SK4-14	1.1	1.5		458	404	862	4.1	13	17.1
4SK4-18	1.5	2		545	449	994	4.7	15	19.7
4SK4-27	2.2	3		740	539	1279	6.2	17	23.2
4SK4-35	3	4		990	557	1547	7.9	17.6	25.5
4SK4-44	4	5.5		1185	637	1822	9.3	20.7	30
4SK4-48	4	5.5		1272	637	1909	9.9	20.7	30.6

4SK5

ELECTRIC SUBMERSIBLE PUMP

Performance curve (50Hz)

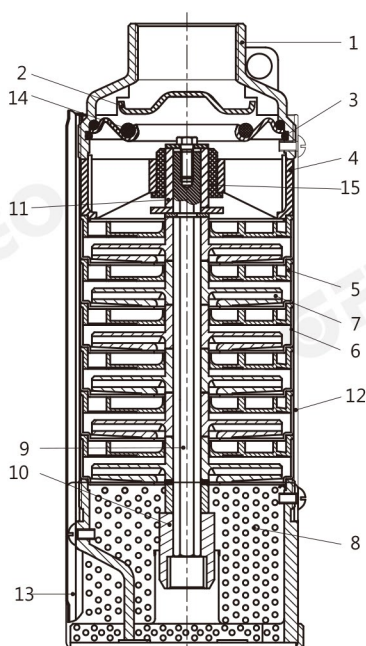


ELECTRIC SUBMERSIBLE PUMP

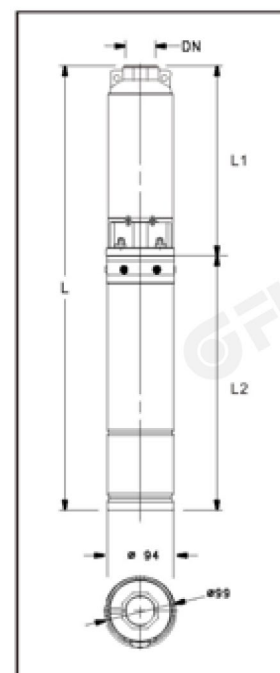
4SK5

Performance date (50Hz)

Model	Power		Outlet (inch)	m³/h l/min	0	3.6	4.2	4.8	5.4	6	6.6
	kW	Hp			0	60	70	80	90	100	110
4SK5-4	0.37	0.5	1.25"	H(m)	26	19	17	14	11	7	4
4SK5-6	0.55	0.75			38	30	26	22	18	12	8
4SK5-8	0.75	1			51	39	35	30	24	18	14
4SK5-12	1.1	1.5			77	63	57	49	41	31	21
4SK5-16	1.5	2			102	86	77	68	57	46	34
4SK5-24	2.2	3			151	122	111	97	80	62	44
4SK5-32	3	4			203	162	146	127	105	80	59
4SK5-40	4	5.5			253	202	182	159	131	102	70
4SK5-44	4	5.5			278	230	210	187	159	127	94



No.	Component	Material
1	Discharge chamber	Stainless steel
2	Check valve	Stainless steel
3	Check valve retainer	Stainless steel
4	Top diffuser	PC
5	Diffuser	PC
6	Wear box	Stainless steel
7	Impeller	PPO
8	Strainer	Stainless steel
9	Pump shaft	Stainless steel
10	Coupling	Stainless steel
11	Sleeve	Stainless steel
12	Cylinder	Stainless steel
13	Cable guard	Stainless steel
14	O ring	NBR
15	Bearing	Polyurethane



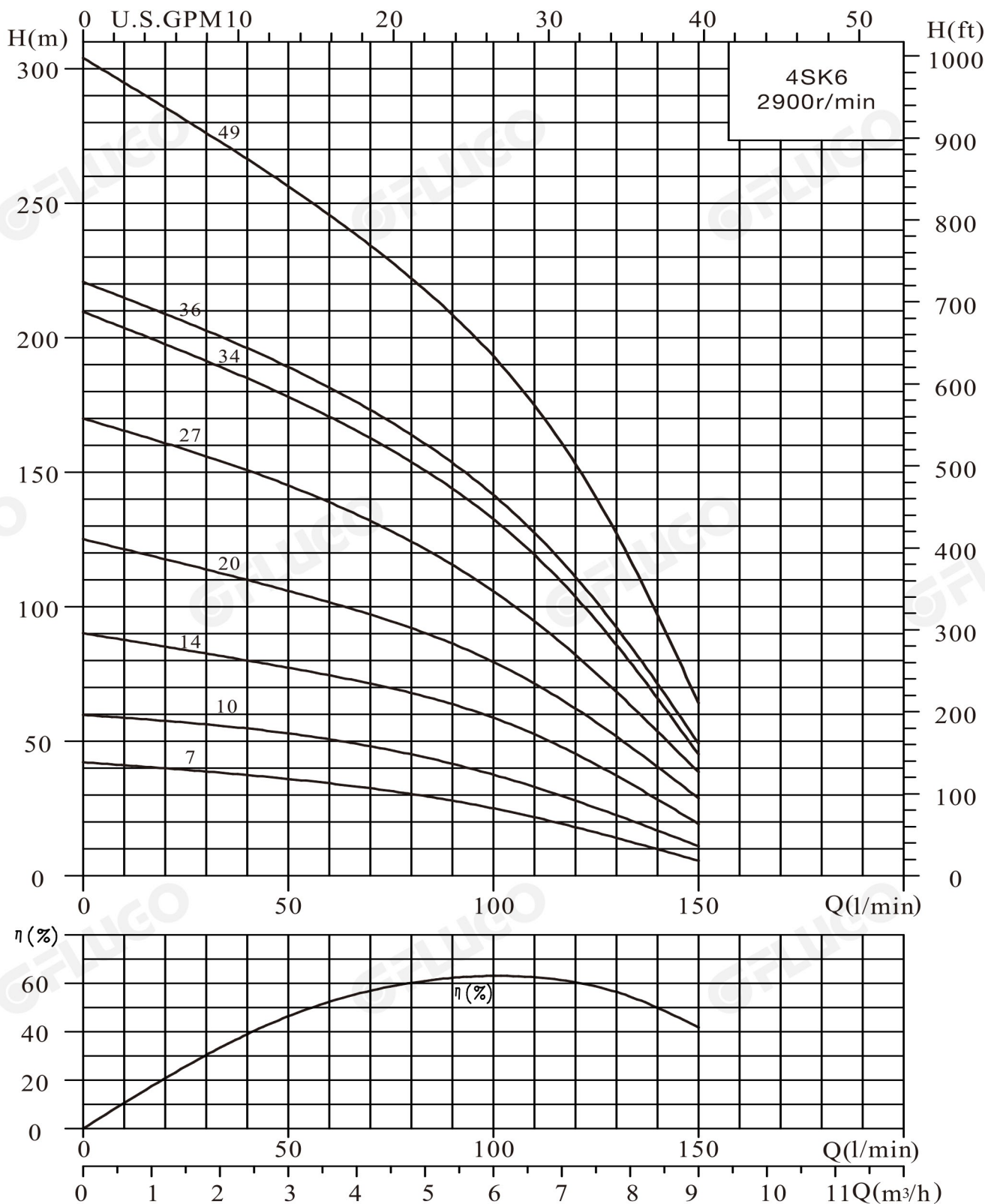
Installation dimensions and weight (50Hz)

Model	Power		Outlet (inch)	Dimensions(mm)			Weight(kg)		
	kW	Hp		Pump(L1)	Motor(L2)	Electric Pump(L)	Pump	Motor	Electric Pump
4SK5-4	0.37	0.5	1.25"	253	324	577	2.4	9	11.4
4SK5-6	0.55	0.75		303	344	647	2.9	9.8	12.8
4SK5-8	0.75	1		353	369	722	3.3	11	14.3
4SK5-12	1.1	1.5		451	404	855	4.1	13	17.1
4SK5-16	1.5	2		549	449	998	5	15	20
4SK5-24	2.2	3		747	539	1286	6.6	17	23.6
4SK5-32	3	4		1021	557	1578	8.7	17.6	26.3
4SK5-40	4	5.5		1217	637	1854	10.4	20.7	31.1
4SK5-44	4	5.5		1316	637	1953	11.2	20.7	31.9

4SK6

ELECTRIC SUBMERSIBLE PUMP

Performance curve (50Hz)

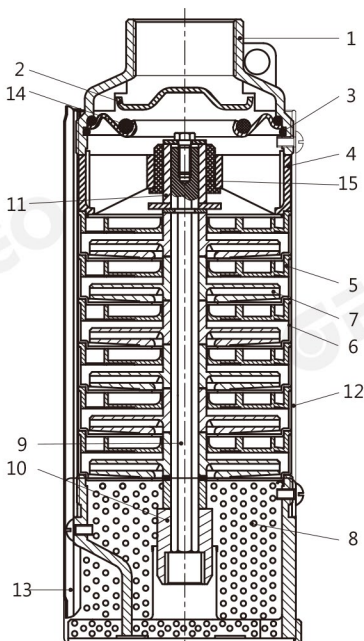


ELECTRIC SUBMERSIBLE PUMP

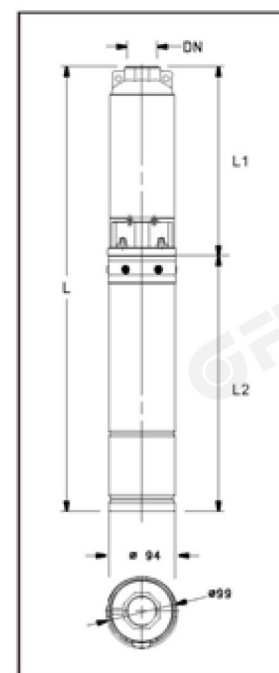
4SK6

Performance date (50Hz)

Model	Power		Outlet (inch)	m³/h l/min	0	5.4	6	6.6	7.2	7.8	9
	kW	Hp			0	90	100	110	120	130	150
4SK6-7	0.75	1	2"	H(m)	42	28	25	22	19	15	8
4SK6-10	1.1	1.5			62	41	38	34	29	23	12
4SK6-14	1.5	2			90	63	59	53	46	37	19
4SK6-20	2.2	3			125	86	80	71	62	52	29
4SK6-27	3	4			169	115	107	96	84	70	39
4SK6-34	4	5.5			208	143	132	120	103	86	48
4SK6-36	4	5.5			221	154	143	127	112	93	49
4SK6-49	5.5	7.5			302	209	193	171	151	123	64



No.	Component	Material
1	Discharge chamber	Stainless steel
2	Check valve	Stainless steel
3	Check valve retainer	Stainless steel
4	Top diffuser	PC
5	Diffuser	PC
6	Wear box	Stainless steel
7	Impeller	PPO
8	Strainer	Stainless steel
9	Pump shaft	Stainless steel
10	Coupling	Stainless steel
11	Sleeve	Stainless steel
12	Cylinder	Stainless steel
13	Cable guard	Stainless steel
14	O ring	NBR
15	Bearing	Polyurethane



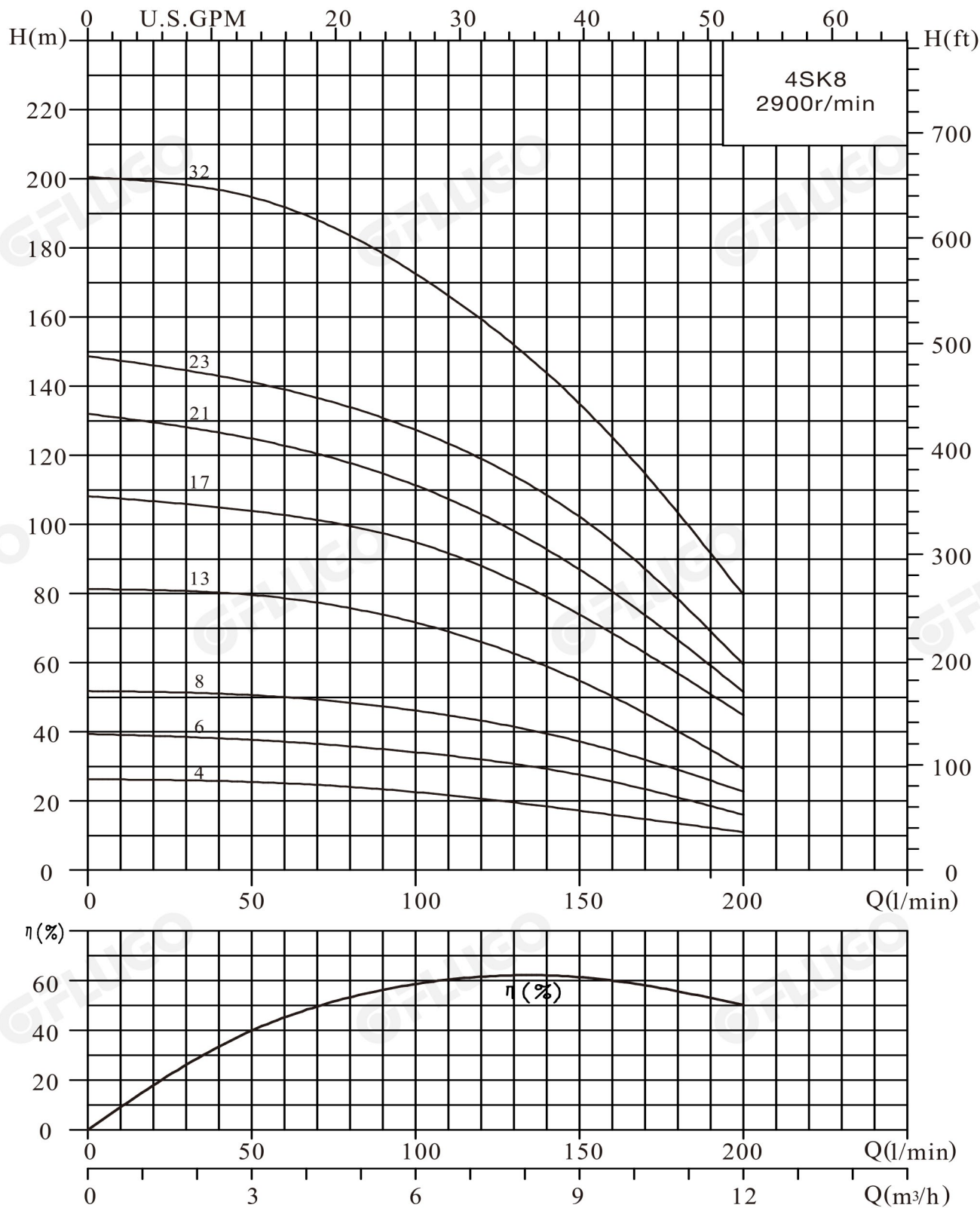
Installation dimensions and weight (50Hz)

Model	Power		Outlet (inch)	Dimensions(mm)			Weight(kg)		
	kW	Hp		Pump(L1)	Motor(L2)	Electric Pump(L)	Pump	Motor	Electric Pump
4SK6-7	0.75	1	2"	393	369	762	3.7	11	14.7
4SK6-10	1.1	1.5		488	404	892	4.6	13	17.6
4SK6-14	1.5	2		612	449	1061	5.7	15	20.7
4SK6-20	2.2	3		798	539	1337	7.5	17	24.5
4SK6-27	3	4		1015	557	1572	9.6	17.6	27.2
4SK6-34	4	5.5		1307	637	1944	11.6	20.7	32.3
4SK6-36	4	5.5		1369	637	2006	12.2	20.7	32.9
4SK6-49	5.5	7.5		1773	712	2485	15.9	25.7	41.6

4SK8

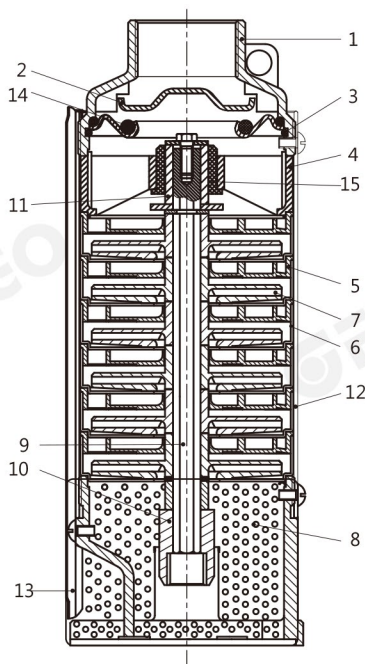
ELECTRIC SUBMERSIBLE PUMP

Performance curve (50Hz)

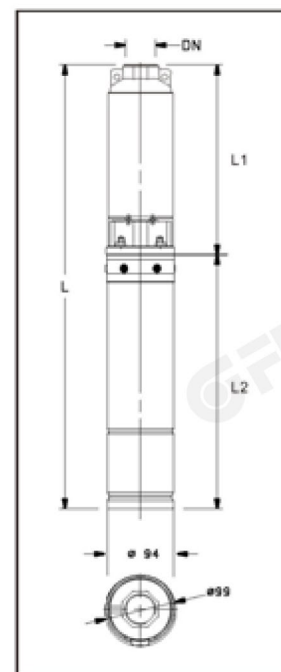


Performance date (50Hz)

Model	Power		Outlet (inch)	m³/h l/min	0	7.2	7.8	8.4	9.0	9.6	12
	kW	Hp			0	120	130	140	150	160	200
4SK8-4	0.75	1	2"	H(m)	26	21	20	19	18	17	11
4SK8-6	1.1	1.5			39	32	30	29	27	26	18
4SK8-8	1.5	2			52	43	40	39	37	35	24
4SK8-13	2.2	3			82	66	62	59	53	50	30
4SK8-17	3	4			108	87	83	79	75	70	47
4SK8-21	4	5.5			132	103	98	93	88	82	52
4SK8-23	4	5.5			148	118	113	108	101	95	60
4SK8-32	5.5	7.5			202	160	151	143	133	125	80



No.	Component	Material
1	Discharge chamber	Stainless steel
2	Check valve	Stainless steel
3	Check valve retainer	Stainless steel
4	Top diffuser	PC
5	Diffuser	PC
6	Wear box	Stainless steel
7	Impeller	PPO
8	Strainer	Stainless steel
9	Pump shaft	Stainless steel
10	Coupling	Stainless steel
11	Sleeve	Stainless steel
12	Cylinder	Stainless steel
13	Cable guard	Stainless steel
14	O ring	NBR
15	Bearing	Polyurethane



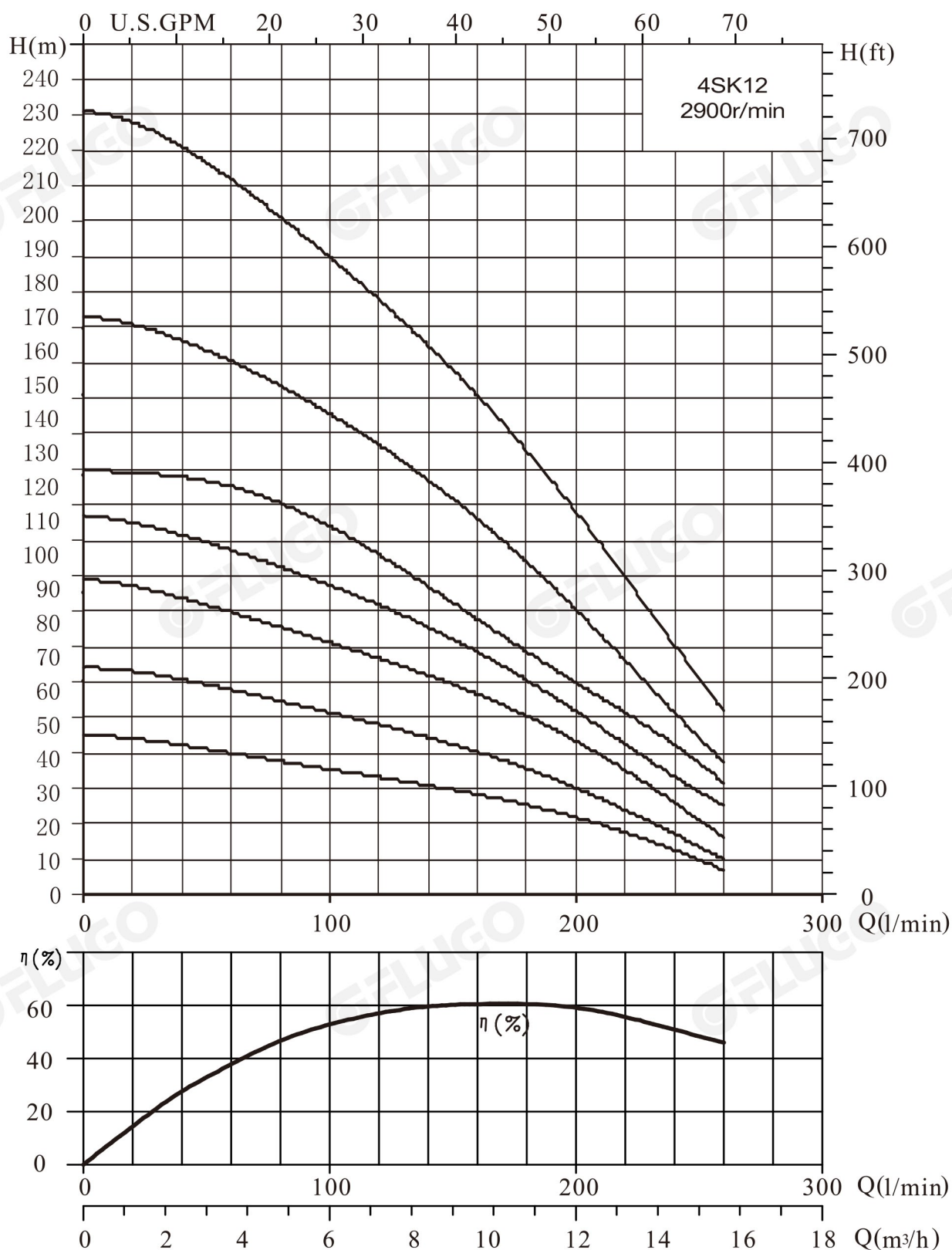
Installation dimensions and weight (50Hz)

Model	Power		Outlet (inch)	Dimensions(mm)			Weight(kg)		
	kW	Hp		Pump(L1)	Motor(L2)	Electric Pump(L)	Pump	Motor	Electric Pump
4SK8-4	0.75	1	2"	302	369	671	2.8	11	13.8
4SK8-6	1.1	1.5		363	404	767	3.4	13	16.4
4SK8-8	1.5	2		426	449	875	4	15	19
4SK8-13	2.2	3		581	539	1120	5.5	17	22.5
4SK8-17	3	4		705	557	1262	6.6	17.6	24.2
4SK8-21	4	5.5		829	637	1466	7.8	20.7	28.5
4SK8-23	4	5.5		891	637	1528	8.4	20.7	29.1
4SK8-32	5.5	7.5		1146	712	1858	11	25.7	36.7

4SK12

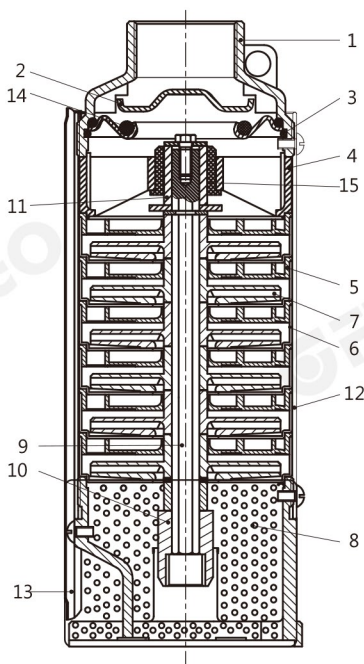
ELECTRIC SUBMERSIBLE PUMP

Performance curve (50Hz)

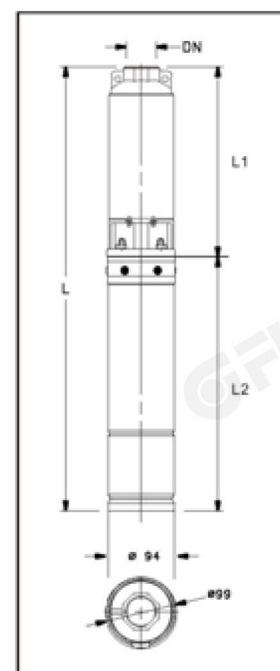


Performance date (50Hz)

Model	Power		Outlet (inch)	m³/h l/min	0	8.4	9.6	10.8	12	13.2	14.4	15.6
	kW	Hp			0	140	160	180	200	220	240	260
4SK12-7	1.5	2	2"	H(m)	45	31	28	25	22	18	12	7
4SK12-10	2.2	3			64	44	41	36	30	24	17	10
4SK12-14	3	4			89	62	56	51	43	35	26	16
4SK12-17	4	5.5			107	75	69	62	51	42	34	25
4SK12-19	4	5.5			120	89	76	68	58	52	40	30
4SK12-26	5.5	7.5			163	115	111	94	78	67	52	39
4SK12-35	7.5	10			221	155	142	126	108	90	70	53



No.	Component	Material
1	Discharge chamber	Stainless steel
2	Check valve	Stainless steel
3	Check valve retainer	Stainless steel
4	Top diffuser	PC
5	Diffuser	PC
6	Wear box	Stainless steel
7	Impeller	PPO
8	Strainer	Stainless steel
9	Pump shaft	Stainless steel
10	Coupling	Stainless steel
11	Sleeve	Stainless steel
12	Cylinder	Stainless steel
13	Cable guard	Stainless steel
14	O ring	NBR
15	Bearing	Polyurethane



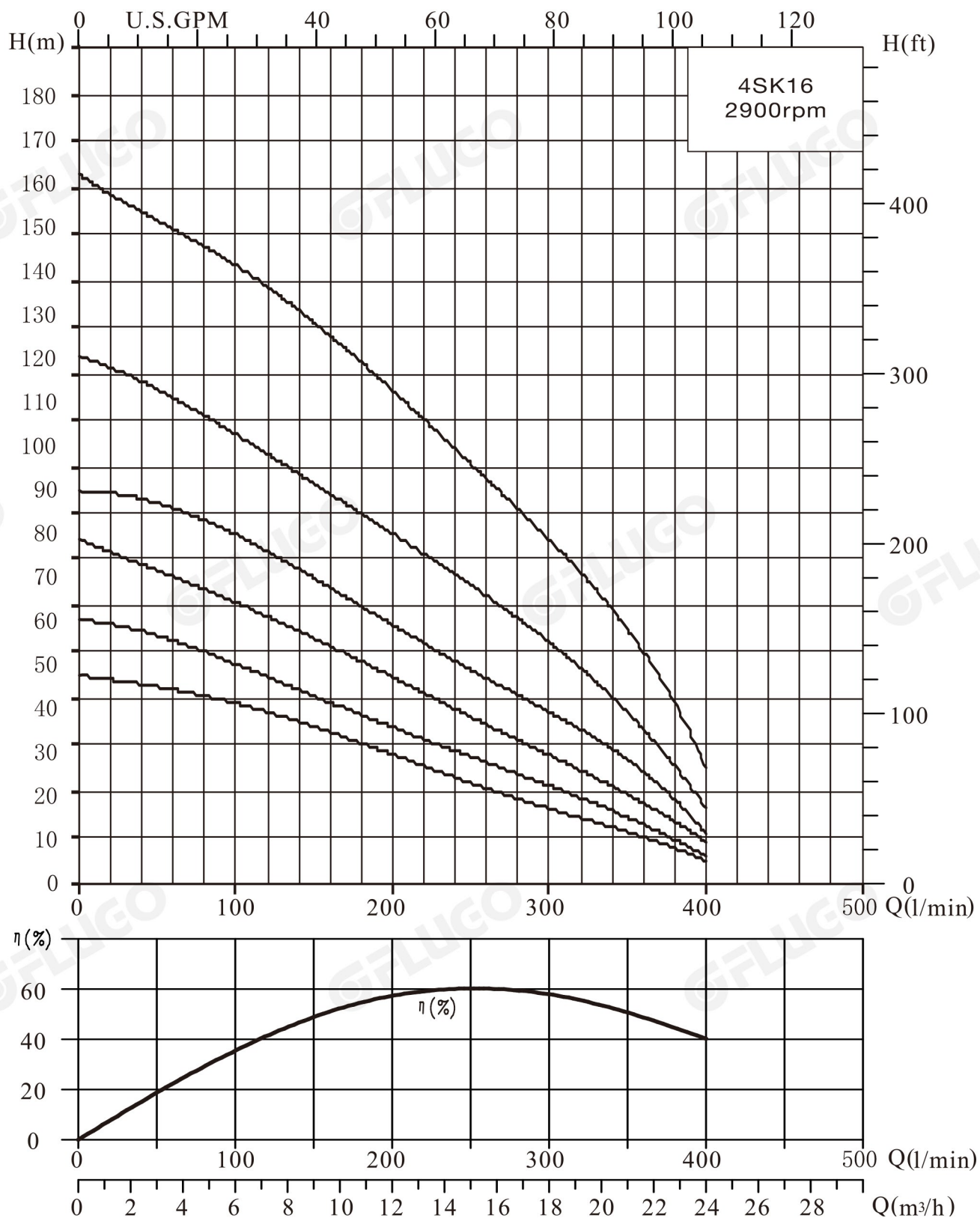
Installation dimensions and weight (50Hz)

Model	Power		Outlet (inch)	Dimensions(mm)			Weight(kg)		
	kW	Hp		Pump(L1)	Motor(L2)	Electric Pump(L)	Pump	Motor	Electric Pump
4SK12-7	1.5	2	2"	541	449	990	5.3	15	20.3
4SK12-10	2.2	3		697	539	1236	6.7	17	23.7
4SK12-14	3	4		905	557	1462	8.6	17.6	26.2
4SK12-17	4	5.5		1060	637	1697	10.1	20.7	30.8
4SK12-19	4	5.5		1164	637	1801	11	20.7	31.7
4SK12-26	5.5	7.5		1603	712	2315	14	25.7	39.7
4SK12-35	7.5	10		2070	847	2917	20.9	32.3	53.2

4SK16

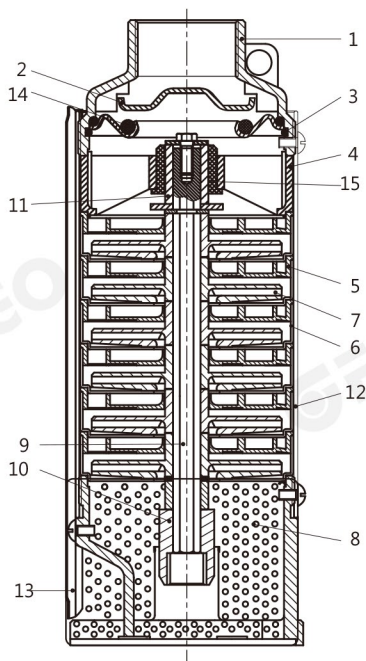
ELECTRIC SUBMERSIBLE PUMP

Performance curve (50Hz)

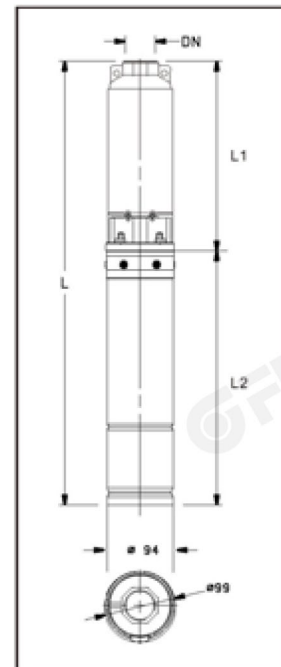


Performance data (50Hz)

Model	Power		Outlet (inch)	m³/h l/min	0	14.4	15.6	16.8	18	19.2	20.4	24
	kW	Hp			0	240	260	280	300	320	240	400
4SK16-8	2.2	3	2"	H(m)	45	25	21	19	16	14	11	5
4SK16-10	3	4			57	33	29	25	21	18	16	6
4SK16-14	4	5.5			74	42	37	32	27	25	21	8
4SK16-15	4	5.5			85	50	47	43	39	33	29	11
4SK16-20	5.5	7.5			113	66	60	56	50	44	38	15
4SK16-28	7.5	10			151	94	84	78	70	62	62	22



No.	Component	Material
1	Discharge chamber	Stainless steel
2	Check valve	Stainless steel
3	Check valve retainer	Stainless steel
4	Top diffuser	PC
5	Diffuser	PC
6	Wear box	Stainless steel
7	Impeller	PPO
8	Strainer	Stainless steel
9	Pump shaft	Stainless steel
10	Coupling	Stainless steel
11	Sleeve	Stainless steel
12	Cylinder	Stainless steel
13	Cable guard	Stainless steel
14	O ring	NBR
15	Bearing	Polyurethane



Installation dimensions and weight (50Hz)

Model	Power		Outlet (inch)	Dimensions(mm)			Weight(kg)		
	kW	Hp		Pump(L1)	Motor(L2)	Electric Pump(L)	Pump	Motor	Electric Pump
4SK16-8	2.2	3	2"	720	539	1259	6.3	17	23.3
4SK16-10	3	4		855	557	1412	8	17.6	25.6
4SK16-14	4	5.5		1060	637	1697	9.3	20.7	30
4SK16-15	4	5.5		1193	637	1830	10.5	20.7	31.2
4SK16-20	5.5	7.5		1608	712	2320	13.5	25.7	39.2
4SK16-28	7.5	10		2149	847	2996	21.2	32.3	53.5

Single-phase Automatic control box

Operating conditions

Rated input voltage: AC220V/50Hz-60Hz
 Rated output power: 0.18~2.2kW
 Protection class: IP44
 Working temperature: -25 ~ +55°C
 Working humidity: 20%~ 90%, no condensing

Function description:

Direct on line
 Over-load protection
 Manual recovery



CB-01

Operating conditions

Rated input voltage: AC220V/50Hz-60Hz
 Rated output power: 0.18~2.2kW
 Protection class: IP44
 Working temperature: -25 ~ +55°C
 Working humidity: 20%~ 90%, no condensing

Function description:

Direct on line
 Over-load protection
 Manual recovery



CB-02

Operating conditions

Rated input voltage: AC220V/50Hz-60Hz
 Rated output power: 0.18~2.2kW
 Protection class: IP44
 Working temperature: -25 ~ +55°C
 Working humidity: 20%~ 90%, no condensing

Function description:

Direct on line
 Over load protection
 Pump stalled protection
 Dry run protection
 Under voltage protection
 Over voltage protection
 Open phase protection
 Push button calibration
 LCD screen locked function under Auto state
 Pump last five fault record displaying
 Pump accumulative running time displaying
 Control and protect universal pump
 Using water level sensor ,float switch or pressure switch to control pump start and stop
 Applied for water supply by liquid level control through float switch or liquid probe
 Applied for water supply by pressure control through pressure switch and pressure tank
 Applied for drai nage by liquid level control through float switch or liquid probe



CB-03

ELECTRIC SUBMERSIBLE PUMP

Three-phase Intelligent control box

Operating conditions

Rated input voltage: AC380V/50Hz-60Hz

Rated output power: 0.75~18.5kW

Protection class: IP44

Working temperature: -25 ~ +55°C

Working humidity: 20%~ 90%, no condensing

Function description:

- Direct on line
- Over load protection
- Pump stalled protection
- Dry run protection
- Under voltage protection
- Over voltage protection
- Open phase protection
- Push button calibration
- LCD screen locked function under Auto state
- Pump last five fault record displaying
- Pump accumulative running time displaying
- Control and protect universal pump
- Using water level sensor ,float switch or pressure switch to control pump start and stop
- Applied for water supply by liquid level control through float switch or liquid probe
- Applied for water supply by pressure control through pressure switch and pressure tank
- Applied for drainage by liquid level control through float switch or liquid probe



TB-01

Operating conditions

Rated input voltage: AC380V, Three phase 50Hz/ 60Hz

Rated output power: 18.5-92kW

Protection class: IP54

Working temperature: -25~+55°C

Working humidity: 20%~90%RH, no condensing

Function description:

- Direct on line
- Over load protection
- Pump stalled protection
- Dry run protection
- Under voltage protection
- Over voltage protection
- Open phase protection
- Push button calibration
- LCD screen locked function under Auto state
- Pump last five fault record displaying
- Pump accumulative running time displaying
- Control and protect universal pump
- Using water level sensor ,float switch or pressure switch to control pump start and stop
- Applied for water supply by liquid level control through float switch or liquid probe
- Applied for water supply by pressure control through pressure switch and pressure tank
- Applied for drainage by liquid level control through float switch or liquid probe



TB-02



TB-03

Authorized Distributor



SD/SK/SP Series
Elecetric Submersible Pump