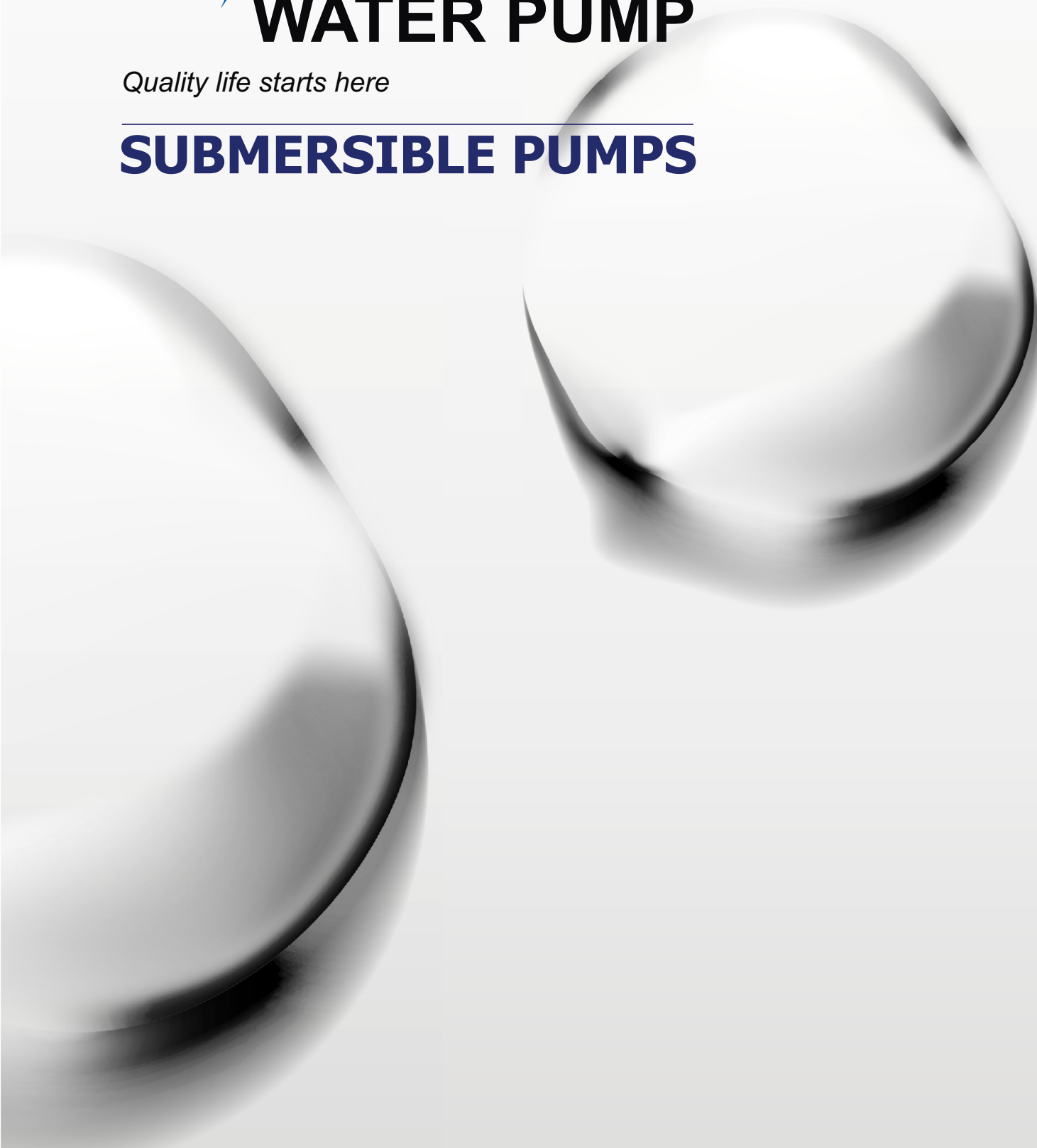


MARQUIS[®] WATER PUMP

Quality life starts here

SUBMERSIBLE PUMPS

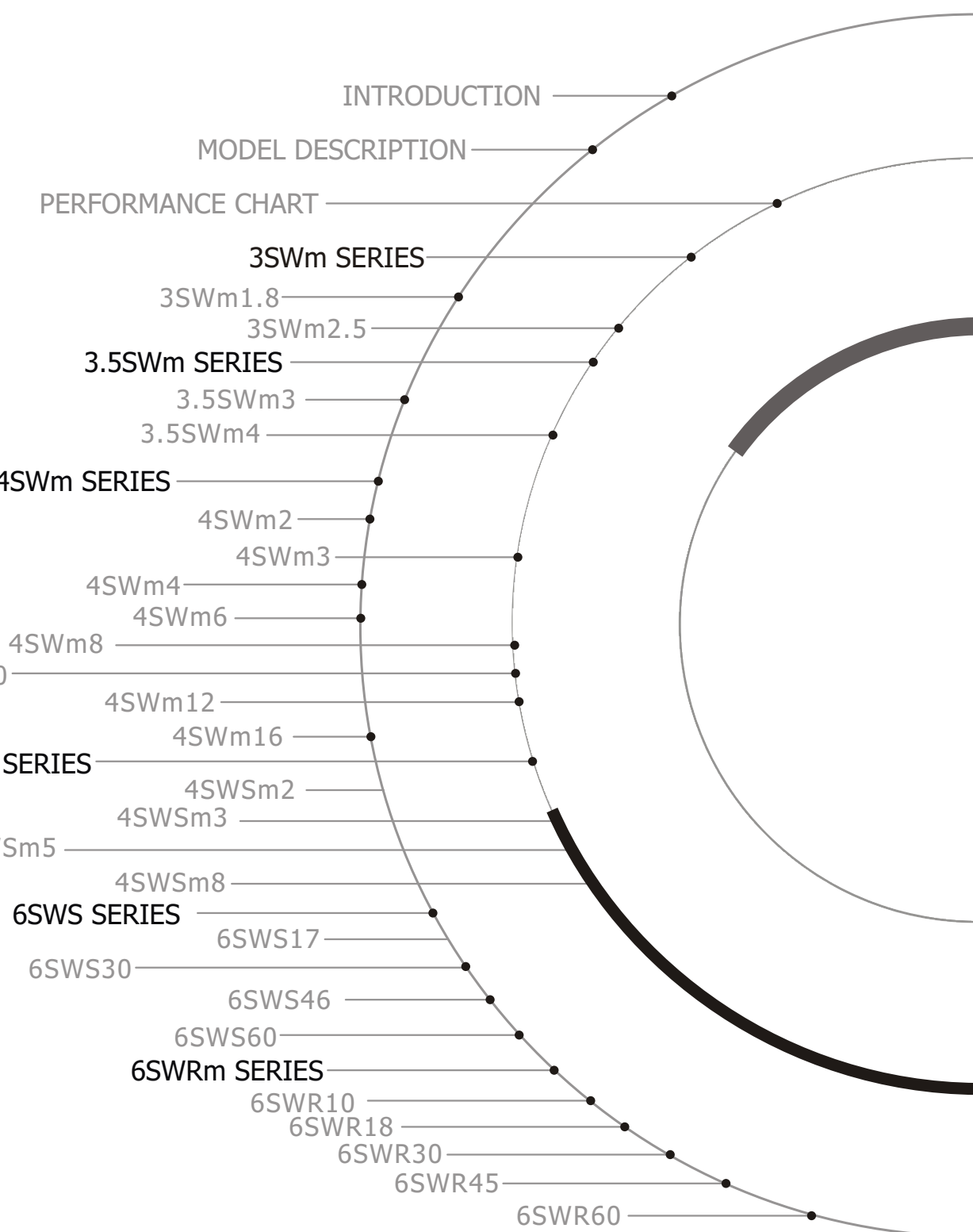




**Stainless steel
Deep well
Submersible
Pumps**

Quality life starts here

CATALOGUE



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4SWm

**STAINLESS STEEL MULTISTAGE SUBMERSIBLE PUMPS
FOR WELL DIAMETER 100MM (4 inch)**



RANGE OF PERFORMANCE

Flow rate up to 310L/min (18.9m³/h)
Head up to : 328m

LIMITS OF USE

Liquid temperature up to+ 35
The PH value of water is 6.5-8.0
Solid content (weight ratio)in water is not more than 0.01%;diameter of the biggest particle is not more than 0.2mm
Maximum starts in one hour 30times
The minimum flow to through motor:8cm/s

INSTALLATION AND USE

Horizontal and vertical installation, they are recommended for pumping water from underground, suitable for use in domestic, irrigation , factory, mining industry.

CONSTRUCTION CHARACTERISTICS

4"submersible pump electric motor: F class insulation ,which can work in temperature up to 155 and fill with special purpose oil for food machinery and equipment.

Single phase pump: 220V-240V/50HZ with capacitor, thermal overload protector by hand reset, switch control box; Hand reset thermal overload protector can automatic stop the pump in the case of large AC current which caused by blocked impeller, abnormal AC Power Supply to protect the pump motor.

Threephase pump: with control box, Hand reset thermal overload protector can automatic stop the pump in the case of default phase and blocked impeller to protect the pump motor.

The pump has the advantage of wear-proof, antirust and non-pollution, easy-installation.
The pump has excellent hydraulic performance which can use in the full head.

MODEL DESCRIPTION

4 S W m 2 - XX

- Impeller Number
- Rated flow (m³/h) (best efficiency point)
- Single-phase
- Deep Well
- Submersible Pumps
- Well Diameter 4"





3SWm

Applications

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

Operating conditions

Maximum fluid temperature up to +35°C
Maximum sand content: 0.25%
Maximum immersion: 80m
Minimum well diameter: 3"

Warranty: 2 years

(according to our general sales conditions)

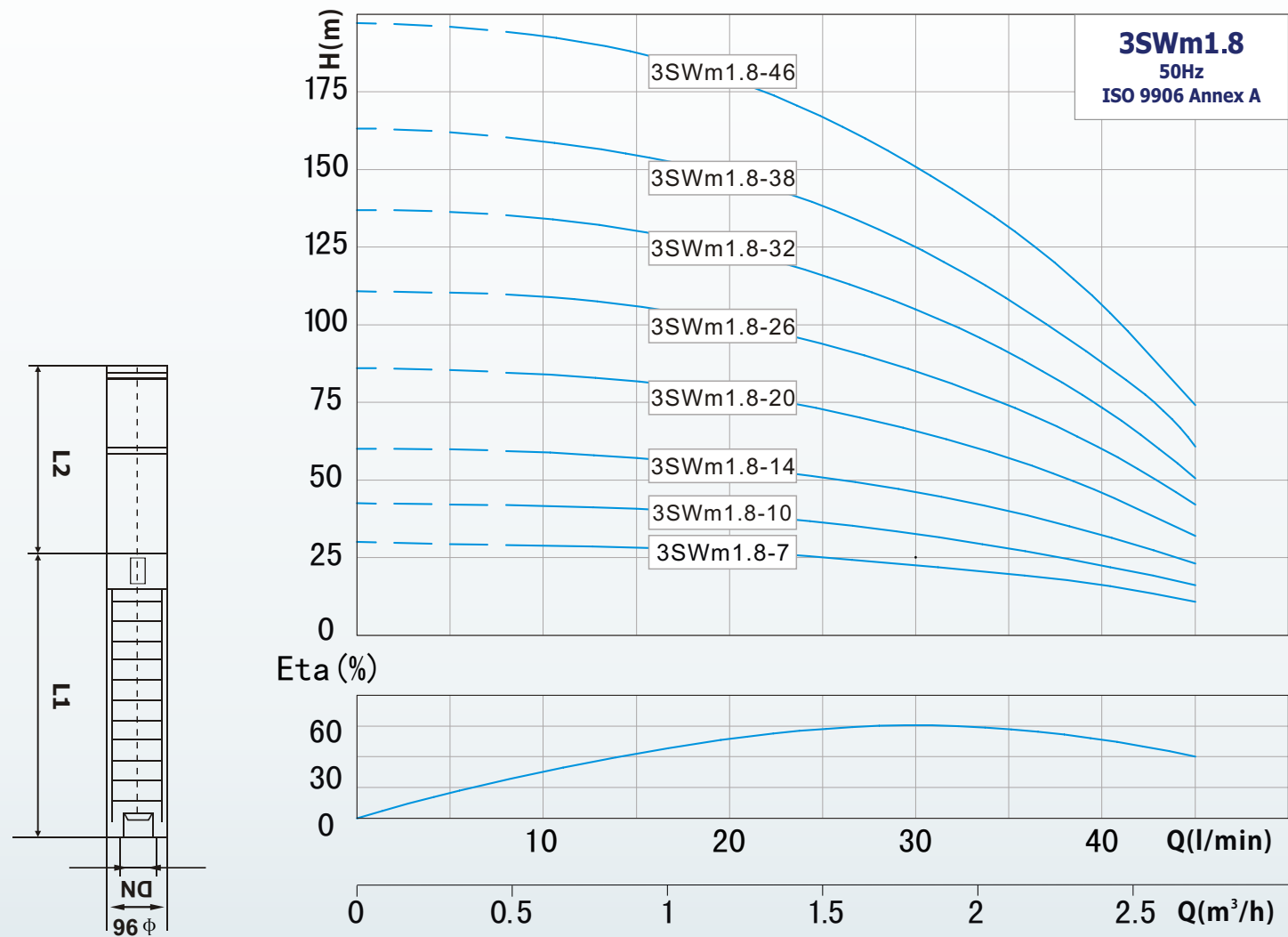
COMPONENT MATERIAL

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-Cu ASTM C85500
Suction lantern	Cast-Cu ASTM C85500
Diffuser	Plastic. PC
Impeller	Plastic. POM
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500
	②Cast-iron ASTM NO. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well (Graphite-Geramic/TC)
Shaft	AISI 304 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.

3SWm1.8

Performance Curve

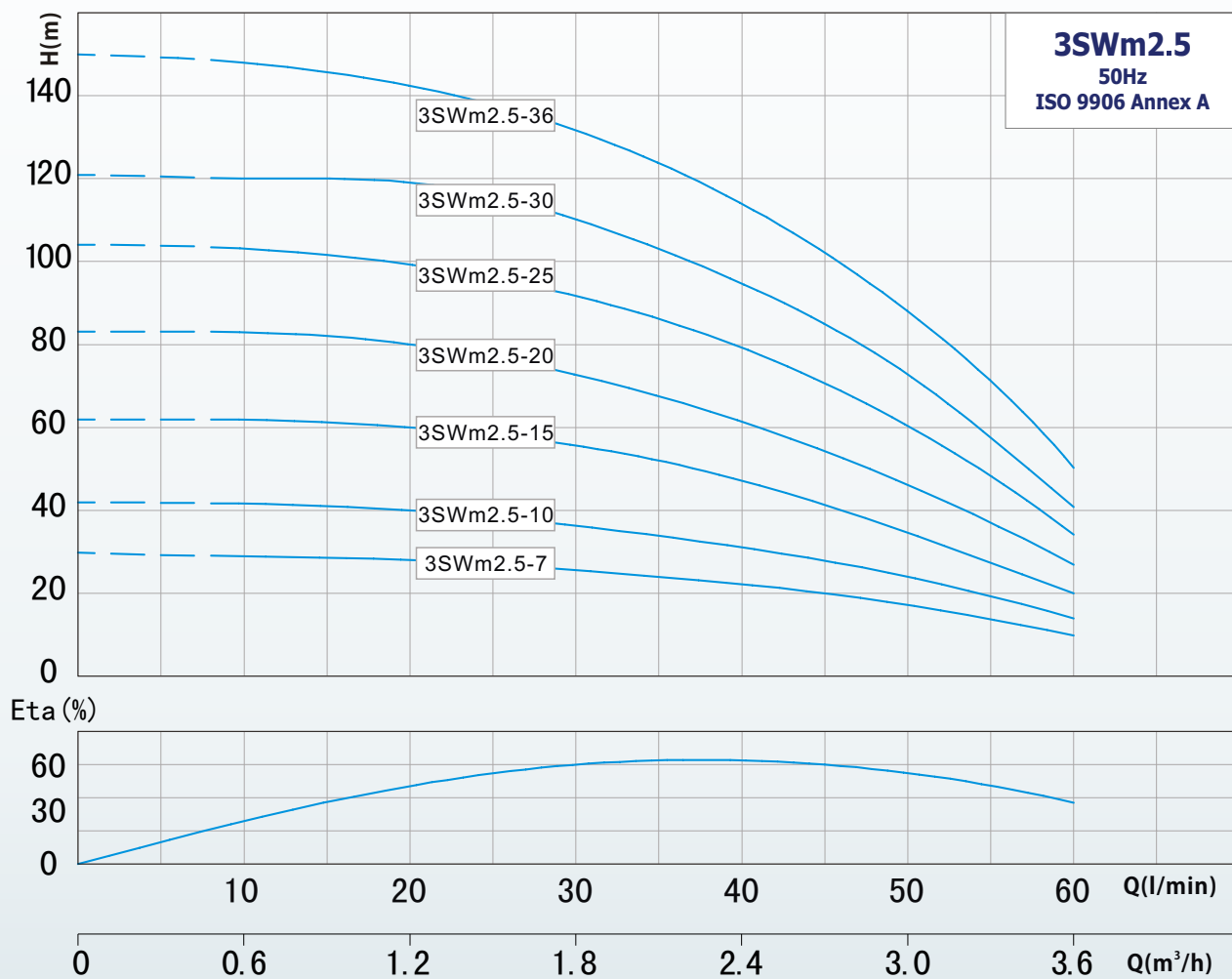
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PUMP MODEL	STAGES	MOTOR		DELIVERY (n≈2850r/min)											PUMP SIZE				Weight (kg)
MARQUIS		KW	HP	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	L1 (mm)	L2 (mm)	L (mm)	DN (inch)	
				l/min	0	5	10	15	20	25	30	35	40	45					
3SWm1.8-7	7	0.18	0.25	H (m)	30	30	29	29	27	25	23	20	16	11	351	288	639	1"1 1/4"	5.7
3SWm1.8-10	10	0.25	0.33		43	42	42	41	39	36	33	28	23	16	419	308	727	1"1 1/4"	6.8
3SWm1.8-14	14	0.37	0.5		60	59	59	57	54	51	46	40	32	23	509	338	847	1"1 1/4"	7.9
3SWm1.8-20	20	0.55	0.75		86	85	84	82	78	73	66	57	46	32	669	368	1037	1"1 1/4"	9.5
3SWm1.8-26	26	0.75	1		111	110	109	106	101	94	85	73	60	42	804	408	1212	1"1 1/4"	11.2
3SWm1.8-32	32	1.1	1.5		137	136	134	131	125	116	105	90	74	51	940	448	1388	1"1 1/4"	12.9
3SWm1.8-38	38	1.1	1.5		163	161	159	155	148	138	125	107	88	61	1076	493	1569	1"1 1/4"	14.8
3SWm1.8-46	46	1.5	2		197	195	193	188	179	167	151	130	106	74	1280	543	1823	1"1 1/4"	17

Performance Curve

n=2850 r/min, VALID FOR LIQUIDS WITH DENSITY $\rho = 1.0 \text{ kg/dm}^3$ AND KINEMATIC VISCOSITY $\nu = 1 \text{ mm}^2/\text{s}$



PUMP MODEL	STAGES	MOTOR		DELIVERY (n≈2850r/min)														PUMP SIZE				Weight (kg)
MARQUIS		KW	HP	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3	3.6	L1 (mm)	L2 (mm)	L (mm)	DN (inch)	
				l/min	0	5	10	15	20	25	30	35	40	45	50	55	60					
3SWm2.5-7	7	0.25	0.33	H (m)	30	29	29	29	28	27	26	24	22	20	17	14	10	376	308	684	1"/1¼"	6.5
3SWm2.5-10	10	0.37	0.5		42	42	41	41	40	38	37	34	32	28	24	20	14	454	338	792	1"/1¼"	7.6
3SWm2.5-15	15	0.55	0.75		62	62	62	61	60	57	55	52	47	42	37	30	20	584	368	952	1"/1¼"	8.8
3SWm2.5-20	20	0.75	1		83	83	83	82	79	77	73	69	63	57	49	39	27	739	408	1147	1"/1¼"	10.6
3SWm2.5-25	25	1.1	1.5		104	104	103	102	99	96	92	86	79	71	61	49	34	869	448	1317	1"/1¼"	12.3
3SWm2.5-30	30	1.1	1.5		125	125	124	123	119	115	110	103	95	85	73	59	41	1000	493	1493	1"/1¼"	14
3SWm2.5-36	36	1.5	2		150	150	149	147	143	138	132	124	114	102	88	71	49	1180	543	1723	1"/1¼"	15.9

3.5SWm

Applications

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

Operating conditions

Maximum fluid temperature up to +35°C
Maximum sand content:0.25%
Minimum well diameter:3.5"

Warranty: 2 years

(according to our general sales conditions)

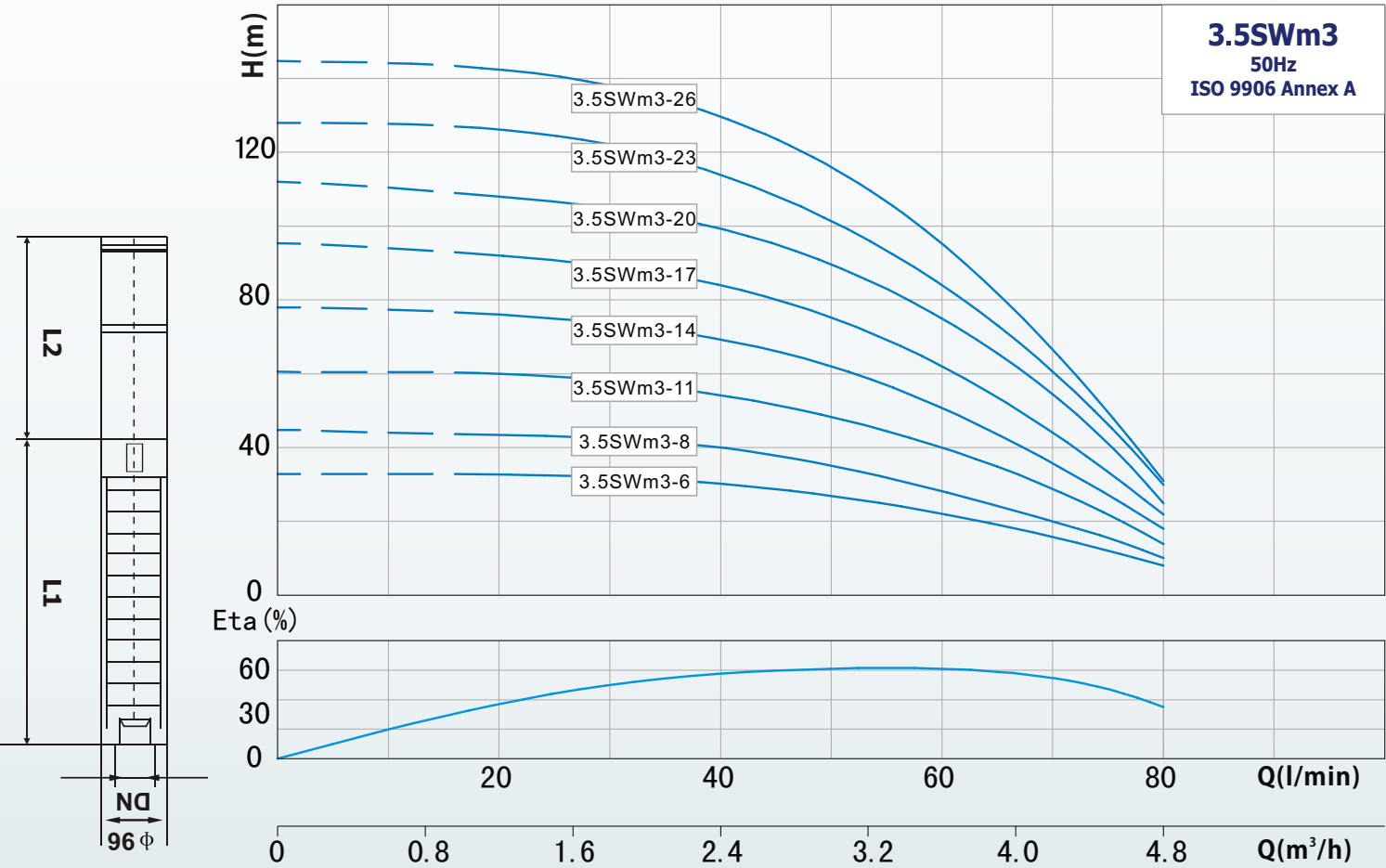
COMPONENT MATERIAL

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-Cu ASTM C85500
Suction lantern	Cast-Cu ASTM C85500
Diffuser	Plastic. PC
Impeller	Plastic. POM
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500
	②Cast-iron ASTM NO. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well (Graphite-Geramic)
Shaft	AISI 304 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



Performance Curve

n=2850 r/min, VALID FOR LIQUIDS WITH DENSITY $\rho = 1.0 \text{ kg/dm}^3$ AND KINEMATIC VISCOSITY $\nu = 1 \text{ mm}^2/\text{s}$

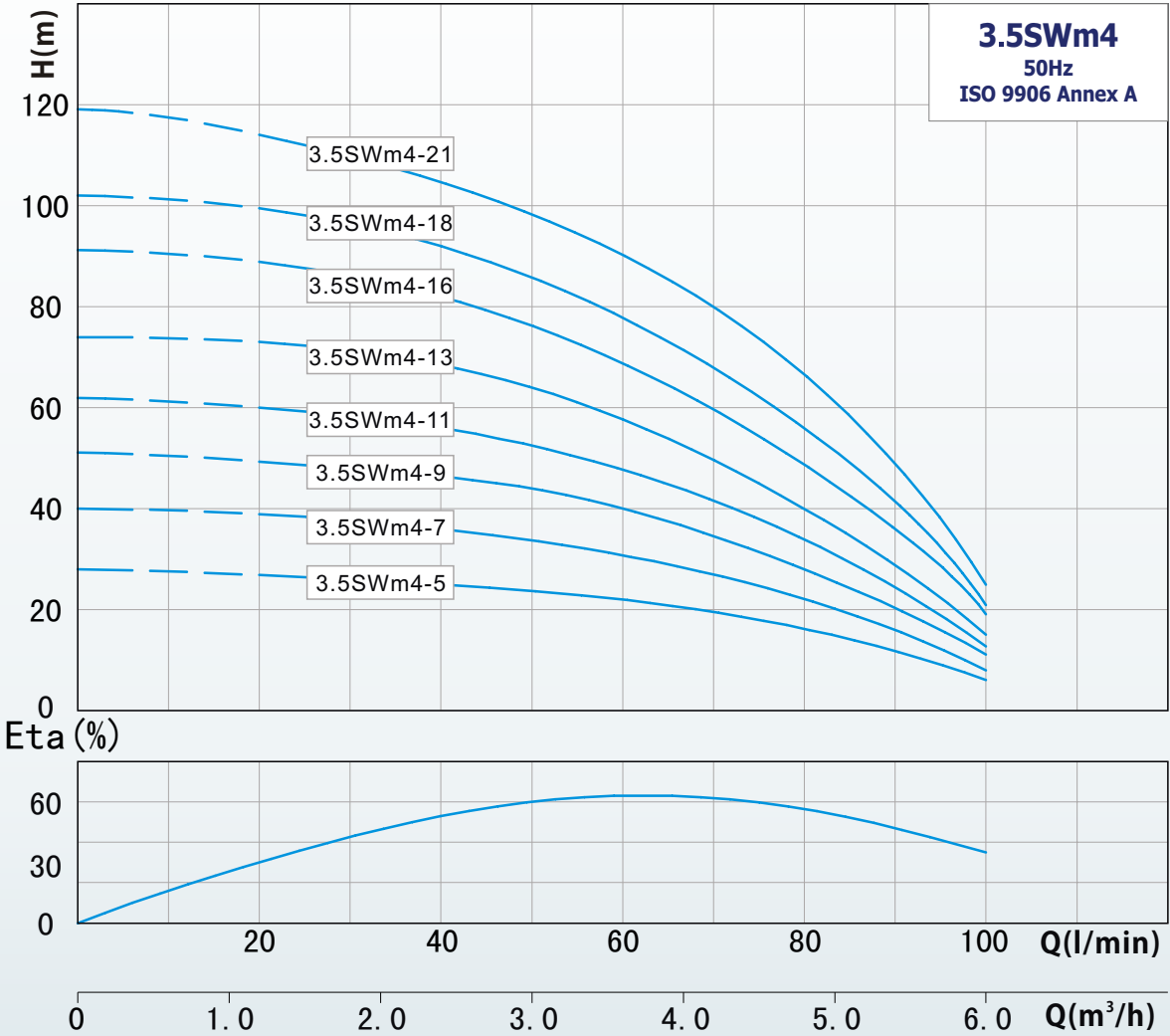
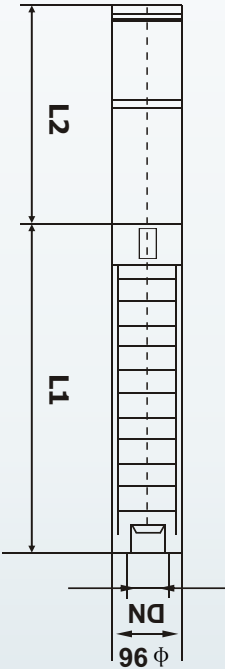


PUMP MODEL	STAGES	MOTOR		DELIVERY （n≈2850r/min）										PUMP SIZE				Weight (kg)
MARQUIS		KW	HP	m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	L1 (mm)	L2 (mm)	L (mm)	DN (inch)	
				l/min	0	10	20	30	40	50	60	70	80					
3.5SWm3-6	6	0.25	0.33	H (m)	33	33	33	32	30	27	22	15	8	367	303	670	1¼"	7.6
3.5SWm3-8	8	0.37	0.5		45	44	43	42	40	36	29	20	10	419	318	737	1¼"	8.6
3.5SWm3-11	11	0.55	0.75		61	61	60	58	55	49	40	28	14	498	338	836	1¼"	9.8
3.5SWm3-14	14	0.75	1		78	77	76	74	69	62	51	36	18	577	363	940	1¼"	11.3
3.5SWm3-17	17	1.1	1.5		95	94	92	90	84	76	62	43	22	681	388	1069	1¼"	12.9
3.5SWm3-20	20	1.1	1.5		112	110	108	106	99	89	73	51	25	760	413	1173	1¼"	14.7
3.5SWm3-23	23	1.5	2		128	127	125	122	114	103	84	58	29	839	438	1277	1¼"	16
3.5SWm3-26	26	1.5	2		145	143	141	138	129	116	95	66	33	918	463	1381	1¼"	17.6

3.5SWm4

Performance Curve

n=2850 r/min, VALID FOR LIQUIDS WITH DENSITY $\rho = 1.0 \text{ kg/dm}^3$ AND KINEMATIC VISCOSITY $\nu = 1 \text{ mm}^2/\text{s}$



PUMP MODEL	STAGES	MOTOR		DELIVERY ($n \approx 2850 \text{ r/min}$)												PUMP SIZE				Weight (kg)
				m^3/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	L1	L2	L	DN	
		KW	HP	l/min	0	10	20	30	40	50	60	70	80	90	100	(mm)	(mm)	(mm)	(inch)	
3.5SWm4-5	5	0.25	0.33	H (m)	28	28	27	26	25	25	22	19	15	11	6	354	303	657	1 1/4"	7.5
3.5SWm4-7	7	0.37	0.5		40	39	38	37	36	34	31	27	22	16	8	413	318	731	1 1/4"	8.4
3.5SWm4-9	9	0.55	0.75		51	50	49	48	46	44	40	34	28	20	11	471	338	809	1 1/4"	9.5
3.5SWm4-11	11	0.75	1		62	61	60	58	56	54	49	42	34	25	13	529	363	892	1 1/4"	10.8
3.5SWm4-13	13	1.1	1.5		74	72	71	69	66	64	58	50	40	29	15	587	388	975	1 1/4"	12.2
3.5SWm4-16	16	1.1	1.5		91	89	87	85	82	78	71	61	50	36	19	700	413	1113	1 1/4"	13.8
3.5SWm4-18	18	1.5	2		102	100	98	95	92	88	80	69	56	40	21	758	438	1196	1 1/4"	14.9
3.5SWm4-21	21	1.5	2		119	117	114	111	107	103	93	80	65	47	25	845	463	1308	1 1/4"	16.8

4SWm

Applications

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

Operating conditions

Maximum fluid temperature up to +35°C
Maximum sand content:0.25%
Minimum well diameter:3.5"

Warranty: 2 years

(according to our general sales conditions)

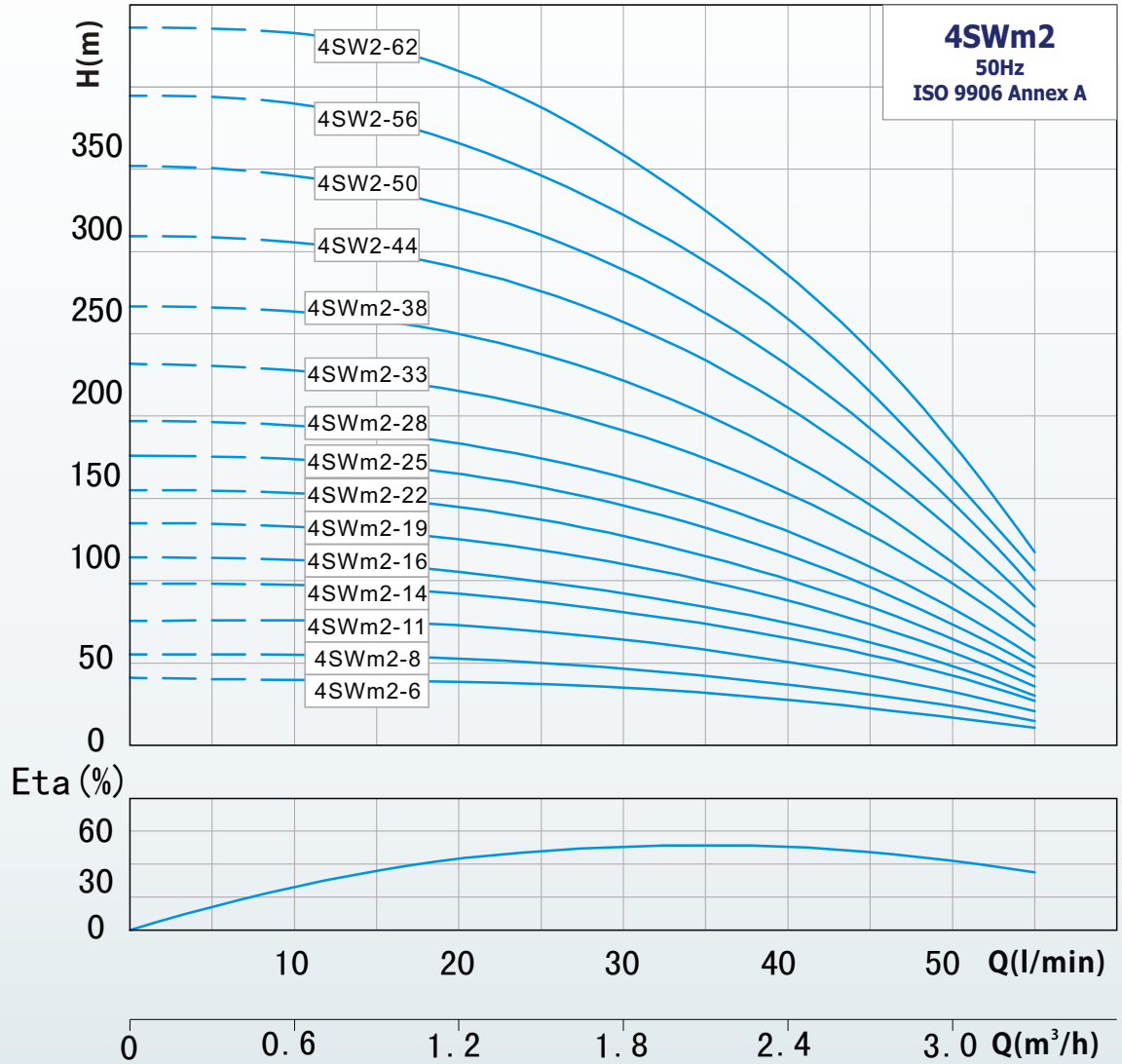
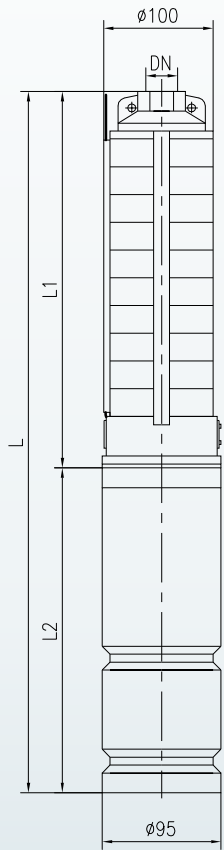
COMPONENT MATERIAL

Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-Cu ASTM C85500
Suction lantern	Cast-Cu ASTM C85500
Diffuser	Plastic. PC
Impeller	Plastic. POM
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500 ②AISI 420 SS
	③Cast-iron ASTM NO. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well (Graphite-Geramic)
Shaft	AISI 304 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



Performance Curve

n=2850 r/min, VALID FOR LIQUIDS WITH DENSITY $\rho = 1.0 \text{ kg/dm}^3$ AND KINEMATIC VISCOSITY $\nu = 1 \text{ mm}^2/\text{s}$

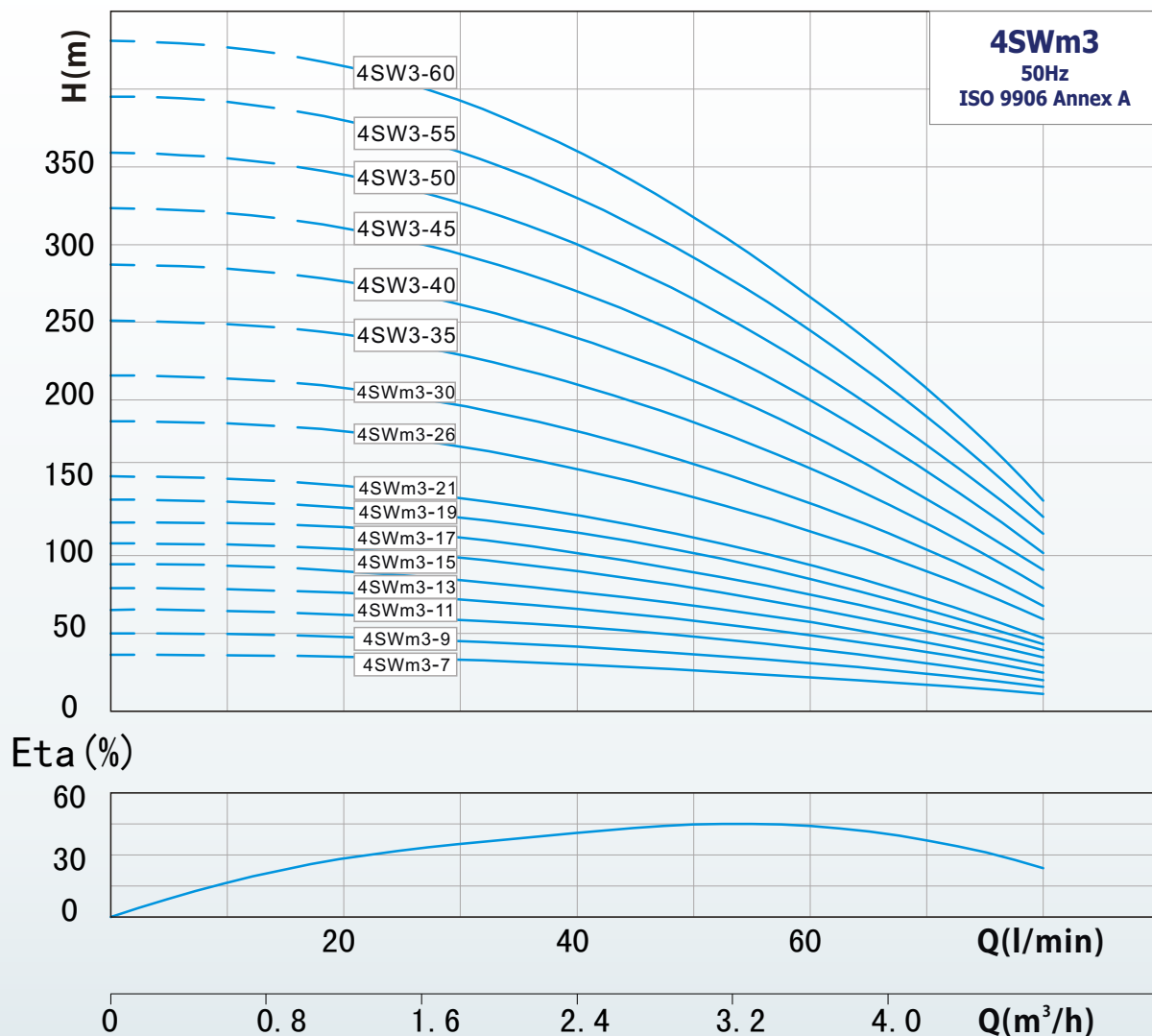
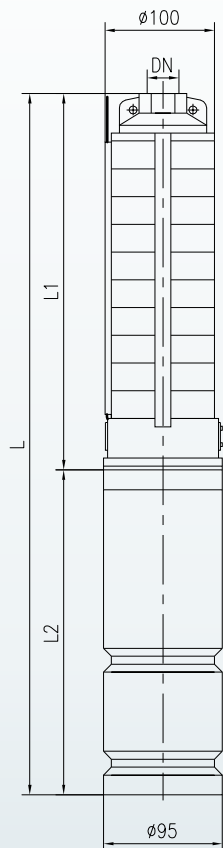


PUMP MODEL		STAGES	MOTOR		DELIVERY (n≈2850r/min)														PUMP SIZE				Weight (kg)
MARQUIS			KW	HP	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3	L1	L2(s)	L2(T)	DN		
Single-phase	Three-phase				l/min	0	5	10	15	20	25	30	35	40	45	50	55	(mm)	(mm)	(mm)	(inch)		
4SWm2-6	-	6	0.25	0.33	H (m)	42	42	42	41	39	37	35	31	28	23	18	11	370	299	669	1¼"/1½"	8.5	
4SWm2-8	-	8	0.37	0.5		56	56	56	55	53	50	46	42	37	31	24	15	420	314	734	1¼"/1½"	10.1	
4SWm2-11	-	11	0.55	0.75		77	77	77	75	72	68	63	58	51	43	33	21	495	329	824	1¼"/1½"	11.6	
4SWm2-14	-	14	0.75	1		98	98	98	96	92	87	81	73	65	54	42	27	569	344	913	1¼"/1½"	12.9	
4SWm2-16	-	16	0.75	1		113	113	111	110	105	99	92	84	74	62	48	30	619	359	978	1¼"/1½"	14.2	
4SWm2-19	-	19	1.1	1.5		134	134	132	130	125	118	109	100	88	74	57	36	725	379	1104	1¼"/1½"	15.8	
4SWm2-22	-	22	1.1	1.5		155	155	153	151	145	137	127	115	102	85	66	42	800	399	1199	1¼"/1½"	17.6	
4SWm2-25	-	25	1.5	2		176	176	174	171	165	155	144	131	116	97	75	48	875	424	1299	1¼"/1½"	19.4	
4SWm2-28	-	28	1.5	2		197	197	195	192	184	174	161	147	130	108	84	53	950	449	1399	1¼"/1½"	21.3	
4SWm2-33	-	33	2.2	3		232	232	230	226	217	205	190	173	153	128	99	63	1074	502	1576	1¼"/1½"	25.6	
4SWm2-38	-	38	2.2	3		267	267	265	260	250	236	219	199	176	147	114	72	1199	542	1741	1¼"/1½"	28.7	
-	4SW2-44	44	3	4		309	309	307	302	290	273	253	231	204	170	132	84	1379	527	1906	1¼"/1½"	29.2	
-	4SW2-50	50	3	4		352	352	348	343	329	310	288	262	231	194	150	95	1529	552	2081	1¼"/1½"	32.1	
-	4SW2-56	56	4	5.5		394	394	390	384	369	348	322	294	259	217	168	107	1678	587	2265	1¼"/1½"	35.1	
-	4SW2-62	62	4	5.5		436	436	432	425	408	385	357	325	287	240	186	118	1828	622	2450	1¼"/1½"	38.2	

4SWm3

Performance Curve

n=2850 r/min, VALID FOR LIQUIDS WITH DENSITY $\rho = 1.0 \text{ kg/dm}^3$ AND KINEMATIC VISCOSITY $\nu = 1 \text{ mm}^2/\text{s}$

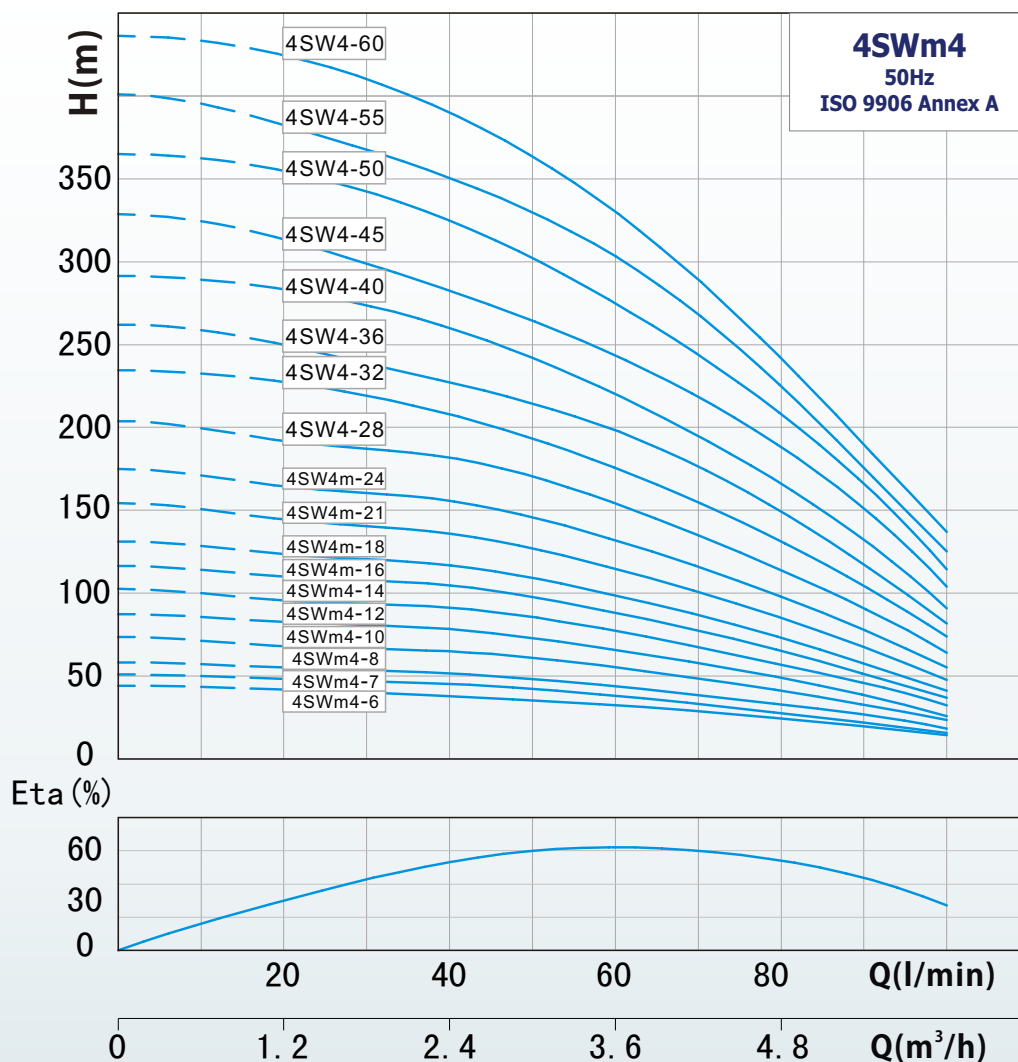
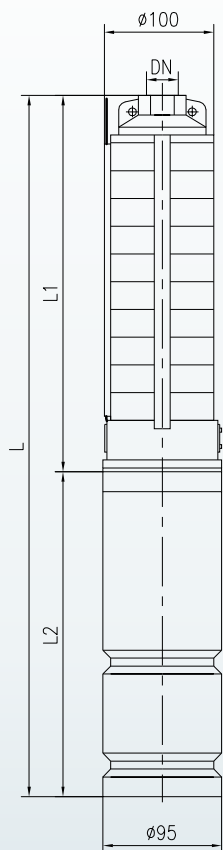


PUMP MODEL		STAGES	MOTOR		DELIVERY (n≈2850r/min)										PUMP SIZE				Weight (kg)
MARQUIS			KW	HP	m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	L1	L2(s)	L2(T)	DN	
Single-phase	Three-phase				l/min	0	10	20	30	40	50	60	70	80	(mm)	(mm)	(mm)	(inch)	
4SWm3-5	-	5	0.25	0.33	H (m)	36	35	35	33	30	26	22	17	11	355	299	654	1 1/4"/1 1/2"	8.3
4SWm3-7	-	7	0.37	0.5		50	49	48	46	42	37	31	24	16	409	314	723	1 1/4"/1 1/2"	10
4SWm3-9	-	9	0.55	0.75		65	63	62	59	54	47	40	30	20	463	329	792	1 1/4"/1 1/2"	11.2
4SWm3-11	-	11	0.75	1		79	77	76	72	66	58	49	37	25	517	344	861	1 1/4"/1 1/2"	12.3
4SWm3-13	-	13	0.75	1		93	91	90	85	78	68	58	44	29	571	359	930	1 1/4"/1 1/2"	13.6
4SWm3-15	-	15	1.1	1.5		108	105	104	98	90	79	67	50	34	624	379	1003	1 1/4"/1 1/2"	15
4SWm3-17	-	17	1.1	1.5		122	119	118	111	102	90	76	57	39	678	399	1077	1 1/4"/1 1/2"	16.6
4SWm3-19	-	19	1.5	2		136	133	131	124	114	100	85	64	43	763	424	1187	1 1/4"/1 1/2"	18.2
4SWm3-21	-	21	1.5	2		151	147	145	138	126	111	93	71	48	817	449	1266	1 1/4"/1 1/2"	19.9
4SWm3-26	-	26	2.2	3		187	182	180	170	156	137	116	88	59	952	502	1454	1 1/4"/1 1/2"	24.2
4SWm3-30	-	30	2.2	3		216	210	208	197	180	158	133	101	68	1059	542	1601	1 1/4"/1 1/2"	27.1
-	4SW3-35	35	3	4		251	245	242	229	210	184	156	118	79	1194	527	1721	1 1/4"/1 1/2"	27.4
-	4SW3-40	40	3	4		287	280	277	262	240	211	178	135	91	1360	552	1912	1 1/4"/1 1/2"	30.1
-	4SW3-45	45	4	5.5		323	315	311	295	270	237	200	151	102	1494	587	2081	1 1/4"/1 1/2"	33
-	4SW3-50	50	4	5.5		359	350	346	328	300	263	222	168	113	1629	622	2251	1 1/4"/1 1/2"	35.9
-	4SW3-55	55	5.5	7.5		395	385	380	360	330	290	245	185	125	1763	678	2441	1 1/4"/1 1/2"	39.4
-	4SW3-60	60	5.5	7.5		431	420	415	393	360	316	267	202	136	1939	718	2647	1 1/4"/1 1/2"	42.6

4SWm4

Performance Curve

n=2850 r/min, VALID FOR LIQUIDS WITH DENSITY $\rho = 1.0 \text{ kg/dm}^3$ AND KINEMATIC VISCOSITY $\nu = 1 \text{ mm}^2/\text{s}$

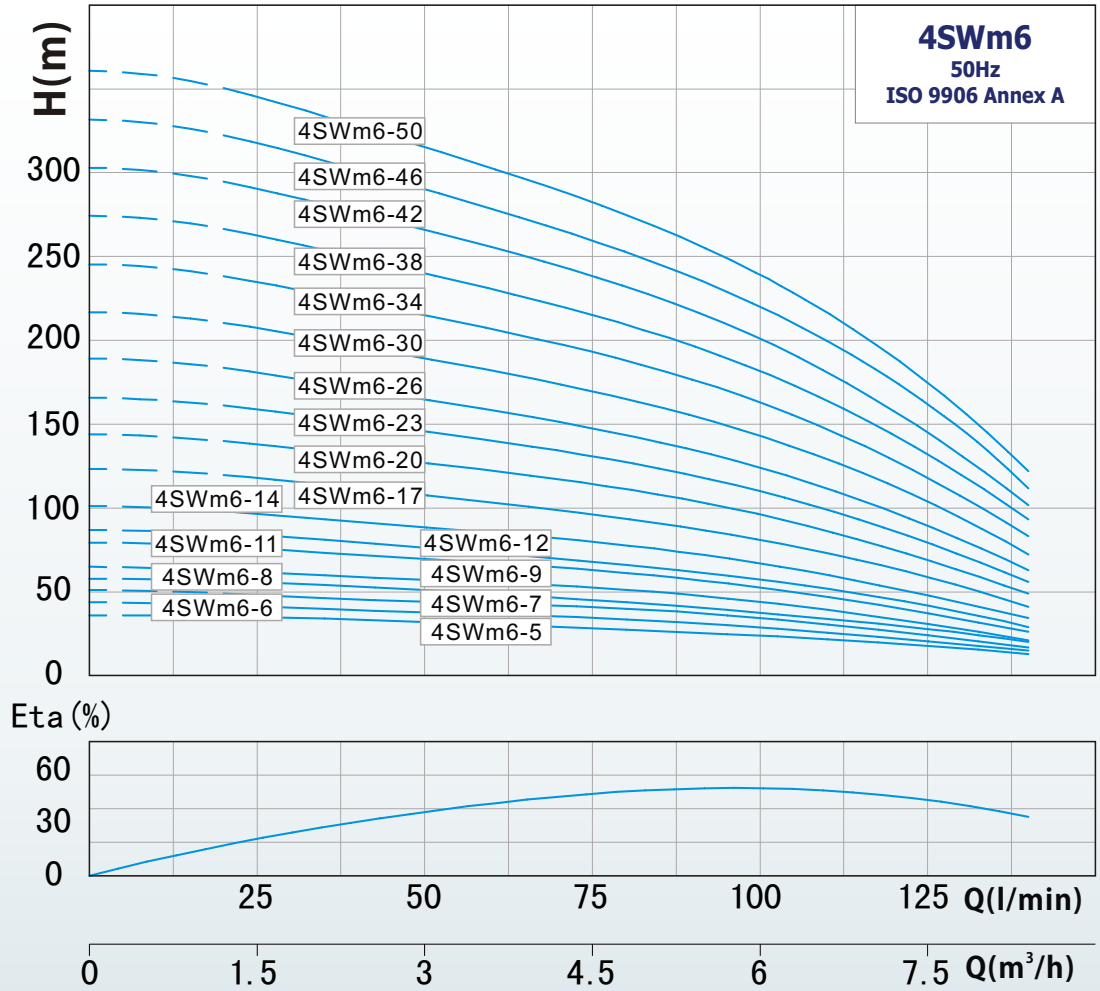
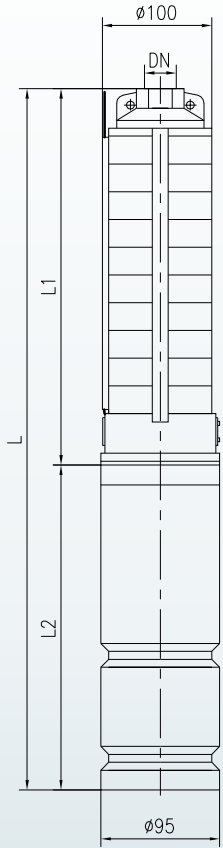


PUMP MODEL		STAGES	MOTOR		DELIVERY（n≈2850r/min）												PUMP SIZE				Weight (kg)
MARQUIS			KW	HP	m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	L1	L2(s)	L2(T)	DN	
Single-phase	Three-phase				l/min	0	10	20	30	40	50	60	70	80	90	100	(mm)	(mm)	(mm)	(inch)	
4SWm4-6	-	6	0.37	0.5	H (m)	44	42	41	42	39	36	33	29	24	19	14	396	314	710	1¼"/1½"/2"	9.8
4SWm4-7	-	7	0.55	0.75		51	49	48	47	45	42	38	34	28	23	16	425	329	754	1¼"/1½"/2"	10.8
4SWm4-8	-	8	0.75	1		58	56	55	53	52	49	44	39	33	26	18	454	344	798	1¼"/1½"/2"	11.6
4SWm4-10	-	10	0.75	1		73	70	68	66	65	61	55	48	41	32	23	513	359	872	1¼"/1½"/2"	12.2
4SWm4-12	-	12	1.1	1.5		87	84	82	80	78	73	66	58	49	39	27	571	379	950	1¼"/1½"/2"	14.4
4SWm4-14	-	14	1.1	1.5		102	98	96	93	91	85	77	68	57	45	32	630	399	1029	1¼"/1½"/2"	14.9
4SWm4-16	-	16	1.5	2		117	112	110	106	104	97	88	78	65	51	37	688	424	1112	1¼"/1½"/2"	17.1
4SWm4-18	-	18	1.5	2		131	126	123	120	117	109	99	87	73	58	41	778	449	1227	1¼"/1½"/2"	17.6
4SWm4-21	-	21	2.2	3		153	147	144	140	136	127	115	102	85	68	48	866	502	1368	1¼"/1½"/2"	20.1
4SWm4-24	-	24	2.2	3		175	168	164	160	156	146	132	116	98	77	55	953	542	1495	1¼"/1½"/2"	23.7
-	4SW4-28	28	3	4		204	196	192	186	182	170	154	136	114	90	64	1070	527	1597	1¼"/1½"/2"	25.9
-	4SW4-32	32	3	4		233	224	219	213	208	194	176	155	130	103	73	1187	552	1739	1¼"/1½"/2"	28.4
-	4SW4-36	36	4	5.5		262	252	247	239	234	218	198	175	146	116	82	1335	587	1922	1¼"/1½"/2"	31.1
-	4SW4-40	40	4	5.5		291	280	274	266	260	243	220	194	163	129	91	1452	622	2074	1¼"/1½"/2"	33.8
-	4SW4-45	45	5.5	7.5		328	315	308	299	293	273	248	218	183	145	103	1598	678	2276	1¼"/1½"/2"	37.3
-	4SW4-50	50	5.5	7.5		364	350	343	333	325	303	275	243	203	161	114	1744	718	2462	1¼"/1½"/2"	40.6
-	4SW4-55	55	7.5	10	401	385	377	366	358	334	303	267	224	177	126	1921	768	2689	1¼"/1½"/2"	44.5	
-	4SW4-60	60	7.5	10	437	420	411	399	390	364	330	291	244	193	137	2067	768	2835	1¼"/1½"/2"	45.8	

4SWm6

Performance Curve

n=2850 r/min, VALID FOR LIQUIDS WITH DENSITY $\rho = 1.0 \text{ kg/dm}^3$ AND KINEMATIC VISCOSITY $\nu = 1 \text{ mm}^2/\text{s}$

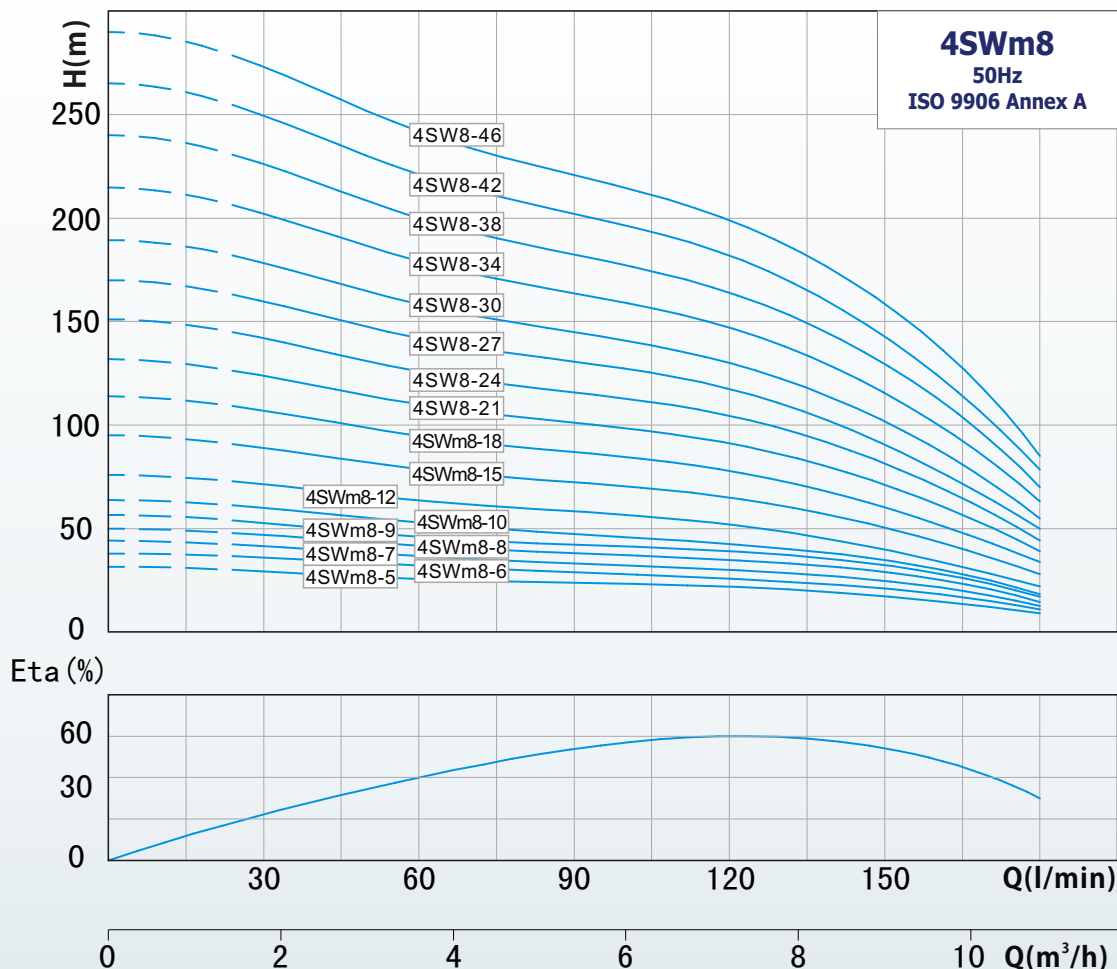
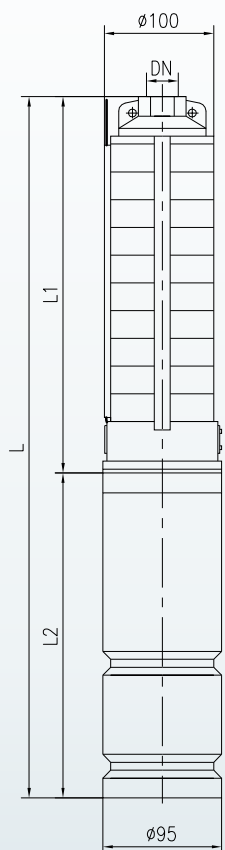


PUMP MODEL		STAGES	MOTOR		DELIVERY （n≈2850r/min）								PUMP SIZE				Weight (kg)	
MARQUIS			KW	HP	m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	L1	L2(s)	L2(T)		DN
Single-phase	Three-phase				l/min	0	20	40	60	80	100	120	140	(mm)	(mm)	(mm)		(inch)
4SWm6-5	-	5	0.37	0.5	H (m)	36	34	33	31	28	24	19	12	400	314	714	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	9.6
4SWm6-6	-	6	0.55	0.75		43	41	39	37	34	29	23	15	435	329	764	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	10.6
4SWm6-7	-	7	0.75	1		51	47	46	44	40	33	26	17	469	344	813	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	11.5
4SWm6-8	-	8	0.75	1		58	54	52	50	45	38	30	20	504	359	848	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	11.7
4SWm6-9	-	9	1.1	1.5		65	61	59	56	51	43	34	22	538	379	917	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	13.7
4SWm6-11	-	11	1.1	1.5		79	75	72	68	62	53	42	27	607	399	986	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	14.3
4SWm6-12	-	12	1.5	2		87	81	79	75	68	57	45	29	642	424	1056	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	16.2
4SWm6-14	-	14	1.5	2		101	95	92	87	79	67	53	34	742	449	1156	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	16.8
4SWm6-17	-	17	2.2	3		123	115	112	106	96	81	64	41	846	502	1295	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	19.3
4SWm6-20	-	20	2.2	3		144	136	131	124	113	96	76	49	949	542	1451	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	22.9
-	4SW6-23	23	3	4		166	156	151	143	130	110	87	56	1053	527	1580	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	24.9
-	4SW6-26	26	3	4		188	176	171	162	147	124	98	63	1156	552	1708	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	27.2
-	4SW6-30	30	4	5.5		217	203	197	187	170	143	113	73	1326	587	1913	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	29.9
-	4SW6-34	34	4	5.5		245	231	223	211	192	163	129	83	1464	622	2086	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	32.7
-	4SW6-38	38	5.5	7.5		274	258	249	236	215	182	144	93	1602	678	2280	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	36
-	4SW6-42	42	5.5	7.5		303	285	276	261	238	201	159	102	1740	718	2458	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	39.1
-	4SW6-46	46	7.5	10		332	312	302	286	260	220	174	112	1909	768	2677	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	42.7
-	4SW6-50	50	7.5	10		361	339	328	311	283	239	189	122	2047	768	2815	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	43.9

4SWm8

Performance Curve

n=2850 r/min, VALID FOR LIQUIDS WITH DENSITY $\rho = 1.0 \text{ kg/dm}^3$ AND KINEMATIC VISCOSITY $\nu = 1 \text{ mm}^2/\text{s}$

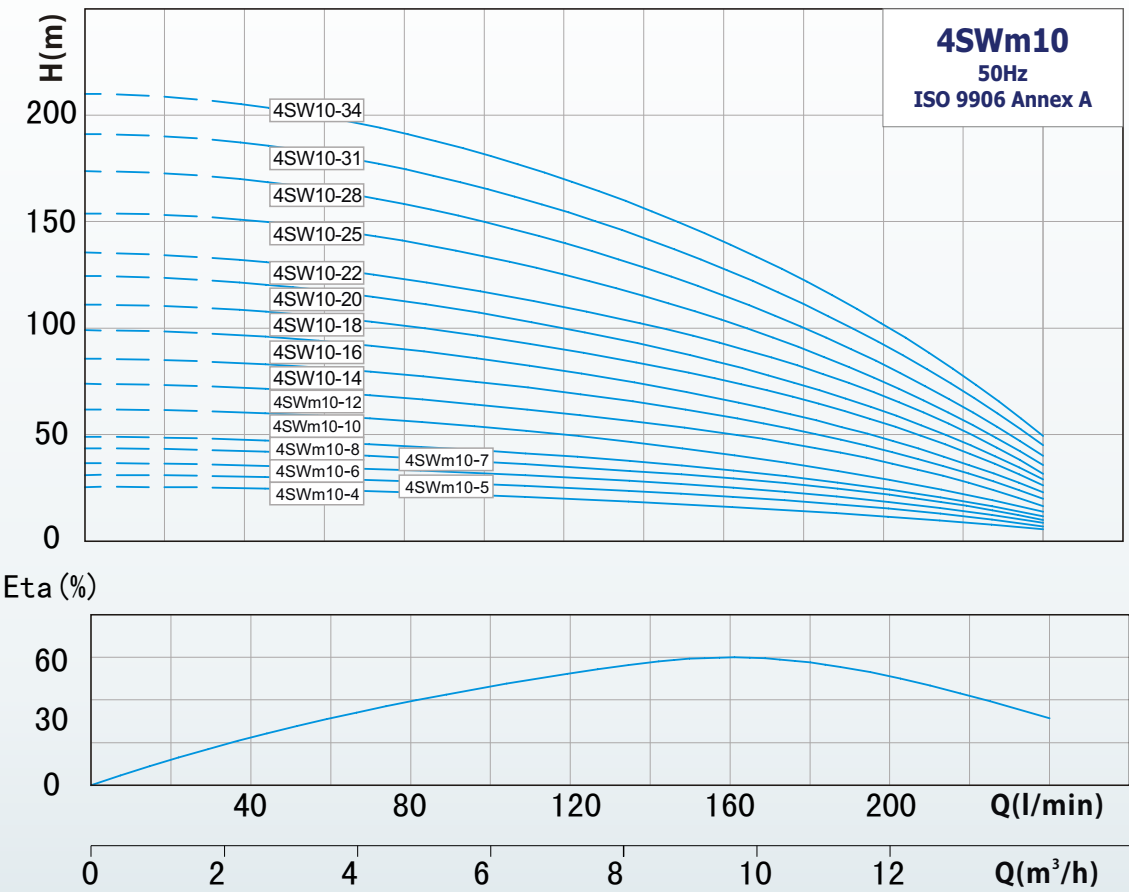
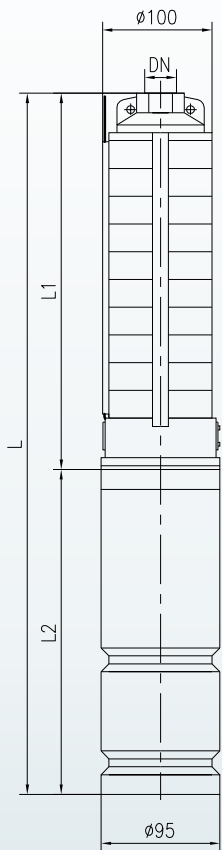


PUMP MODEL		STAGES	MOTOR		DELIVERY (n≈2850r/min)										PUMP SIZE				Weight (kg)	
MARQUIS			KW	HP	m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	L1	L2(s)	L2(T)		DN
Single-phase	Three-phase				l/min	0	20	40	60	80	100	120	140	160	180	(mm)	(mm)	(mm)		(inch)
4SWm8-5	-	5	0.55	0.75	H (m)	32	31	28	26	25	24	22	18	14	9	418	329	747	1¼"/1½"/2"	10.3
4SWm8-6	-	6	0.75	1		38	37	34	32	30	29	26	22	17	11	456	344	800	1¼"/1½"/2"	11.2
4SWm8-7	-	7	0.75	1		44	43	39	37	35	33	30	26	20	13	494	359	853	1¼"/1½"/2"	12.3
4SWm8-8	-	8	1.1	1.5		50	49	45	42	40	38	35	30	23	15	532	379	911	1¼"/1½"/2"	13.5
4SWm8-9	-	9	1.1	1.5		57	55	51	47	45	43	39	33	26	17	570	399	969	1¼"/1½"/2"	14.8
4SWm8-10	-	10	1.5	2		63	61	56	53	50	48	43	37	28	18	609	424	1033	1¼"/1½"/2"	16.2
4SWm8-12	-	12	1.5	2		76	73	68	63	60	57	52	44	34	22	716	449	1165	1¼"/1½"/2"	18
4SWm8-15	-	15	2.2	3		95	92	84	79	75	71	65	55	43	28	831	502	1333	1¼"/1½"/2"	21.9
4SWm8-18	-	18	2.2	3		113	110	101	95	90	86	78	67	51	33	945	542	1487	1¼"/1½"/2"	24.7
-	4SW8-21	21	3	4		132	128	118	110	105	100	91	78	60	39	1059	527	1586	1¼"/1½"/2"	24.6
-	4SW8-24	24	3	4		151	147	135	126	120	114	104	89	68	44	1174	552	1726	1¼"/1½"/2"	26.9
-	4SW8-27	27	4	5.5		170	165	152	142	135	129	117	100	77	50	1319	587	1906	1¼"/1½"/2"	29.3
-	4SW8-30	30	4	5.5		189	183	169	158	150	143	130	111	85	55	1434	622	2056	1¼"/1½"/2"	31.8
-	4SW8-34	34	5.5	7.5		214	208	191	179	170	162	147	126	97	63	1586	678	2264	1¼"/1½"/2"	35.2
-	4SW8-38	38	5.5	7.5		240	232	214	200	190	181	164	140	108	70	1738	718	2456	1¼"/1½"/2"	38.3
-	4SW8-42	42	7.5	10		265	257	236	221	210	200	182	155	120	78	1922	768	2690	1¼"/1½"/2"	42
-	4SW8-46	46	7.5	10		290	281	259	242	230	219	199	170	131	85	2075	768	2843	1¼"/1½"/2"	43.2

4SWm10

Performance Curve

n=2850 r/min, VALID FOR LIQUIDS WITH DENSITY $\rho = 1.0 \text{ kg/dm}^3$ AND KINEMATIC VISCOSITY $\nu = 1 \text{ mm}^2/\text{s}$

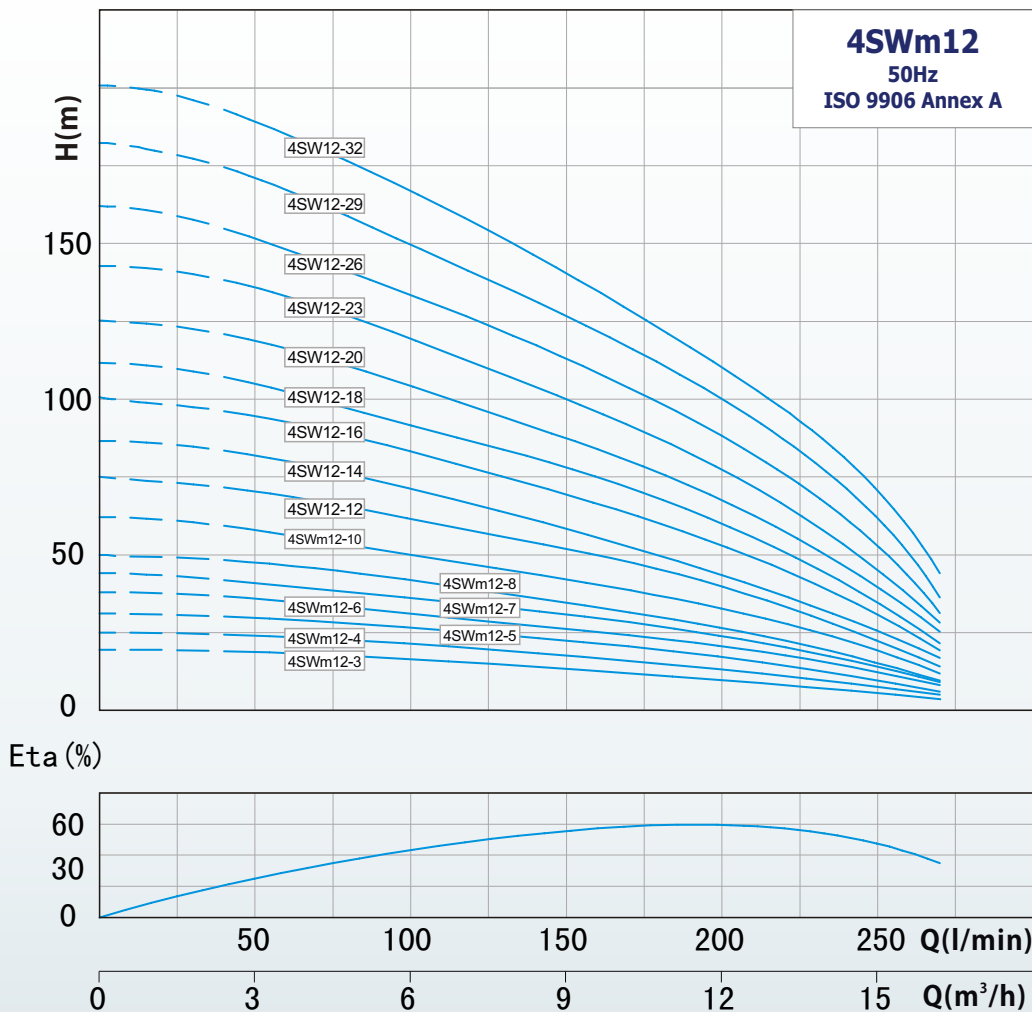
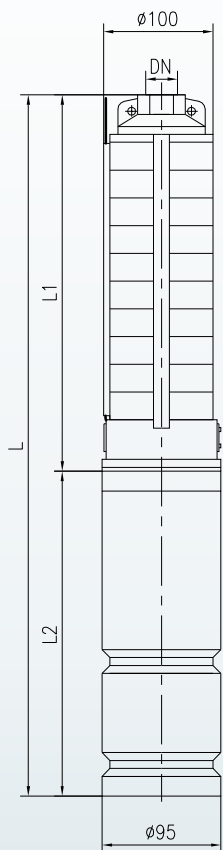


PUMP MODEL		STAGES	MOTOR		DELIVERY (n≈2850r/min)										PUMP SIZE				Weight (kg)
MARQUIS			KW	HP	m³/h	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	L1	L2(s)	L2(T)	DN	
Single-phase	Three-phase				l/min	0	30	60	90	120	150	180	210	240	(mm)	(mm)	(mm)	(inch)	
4SWm10-4	-	4	0.75	1	H (m)	25	24	23	21	20	18	14	10	6	380	344	724	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	10.6
4SWm10-5	-	5	0.75	1		31	30	28	27	25	22	18	13	7	418	359	777	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	11.7
4SWm10-6	-	6	1.1	1.5		37	36	34	32	30	26	22	16	9	456	379	835	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	12.9
4SWm10-7	-	7	1.1	1.5		43	42	40	37	35	31	25	18	10	494	399	893	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	14.2
4SWm10-8	-	8	1.5	2		49	48	45	43	40	35	29	21	12	532	424	956	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	15.6
4SWm10-10	-	10	1.5	2		62	59	56	54	50	44	36	26	14	609	449	1058	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	17.4
4SWm10-12	-	12	2.2	3		74	71	68	64	60	53	43	31	17	716	502	1218	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	21
4SWm10-14	-	14	2.2	3		86	83	79	75	70	62	51	36	20	793	542	1335	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	23.5
-	4SW10-16	16	3	4		99	95	90	86	80	71	58	41	23	869	527	1396	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	23.1
-	4SW10-18	18	3	4		111	107	102	96	90	79	65	47	26	945	552	1497	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	25.1
-	4SW10-20	20	4	5.5		124	119	113	107	100	88	72	52	29	1021	587	1608	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	27.3
-	4SW10-22	22	4	5.5		136	131	124	118	110	97	80	57	32	1097	622	1719	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	29.5
-	4SW10-25	25	5.5	7.5		154	149	141	134	125	110	90	65	36	1212	678	1890	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	32.6
-	4SW10-28	28	5.5	7.5		173	166	158	150	140	124	101	72	40	1357	718	2075	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	35.3
-	4SW10-31	31	7.5	10		191	184	175	166	155	137	112	80	45	1472	768	2240	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	38.7
-	4SW10-34	34	7.5	10		210	202	192	182	170	150	123	88	49	1586	768	2404	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	39.6

4SWm12

Performance Curve

$n=2850$ r/min, VALID FOR LIQUIDS WITH DENSITY $\rho = 1.0$ kg/dm³ AND KINEMATIC VISCOSITY $\nu = 1$ mm²/s

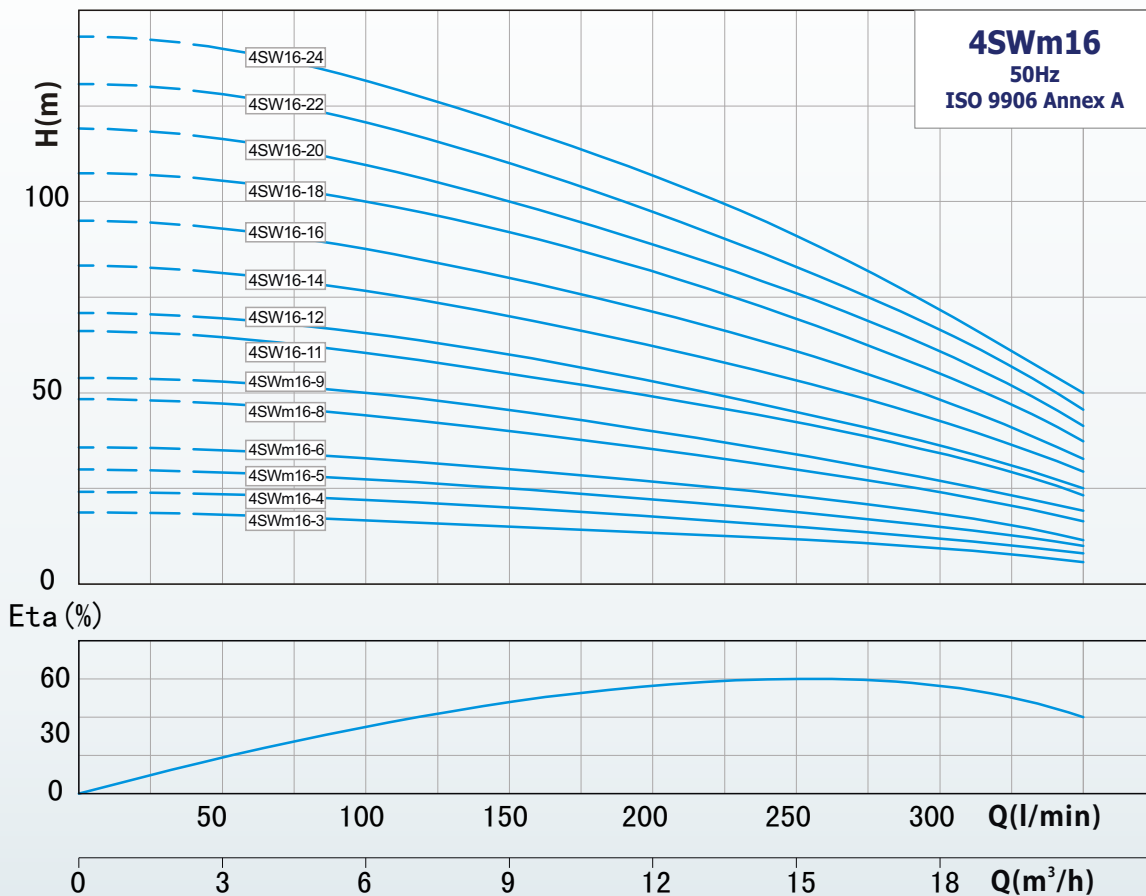
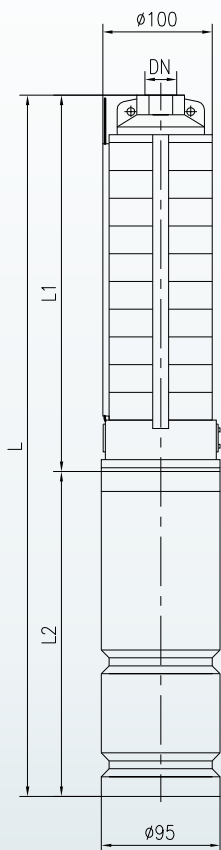


PUMP MODEL		STAGES	MOTOR		DELIVERY (n≈2850r/min)										PUMP SIZE				Weight (kg)	
			KW	HP	m³/h	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2	L1	L2(s)	L2(T)		DN
Single-phase	Three-phase				l/min	0	30	60	90	120	150	180	210	240	270	(mm)	(mm)	(mm)		(inch)
4SWm12-3	-	3	0.75	1	H (m)	19	18	17	16	15	13	12	9	7	4	396	344	740	1 1/4"/1 1/2"/2"	10.6
4SWm12-4	-	4	0.75	1		25	24	23	21	20	18	15	13	9	5	452	359	811	1 1/4"/1 1/2"/2"	11.8
4SWm12-5	-	5	1.1	1.5		31	30	29	27	25	22	19	16	12	6	508	379	887	1 1/4"/1 1/2"/2"	13.1
4SWm12-6	-	6	1.1	1.5		38	36	34	32	29	26	23	19	14	8	564	399	963	1 1/4"/1 1/2"/2"	14.4
4SWm12-7	-	7	1.5	2		44	42	40	37	34	31	27	22	16	9	620	424	1044	1 1/4"/1 1/2"/2"	15.9
4SWm12-8	-	8	1.5	2		50	48	46	43	39	35	31	25	19	10	676	449	1125	1 1/4"/1 1/2"/2"	17.5
4SWm12-10	-	10	2.2	3		63	60	57	53	49	44	38	32	23	13	819	502	1321	1 1/4"/1 1/2"/2"	21.3
-	4SW12-12	12	2.2	3		75	72	69	64	59	53	46	38	28	15	931	542	1473	1 1/4"/1 1/2"/2"	23.9
-	4SW12-14	14	3	4		88	84	80	75	69	62	54	44	33	18	1043	527	1570	1 1/4"/1 1/2"/2"	23.7
-	4SW12-16	16	3	4		101	96	92	86	79	71	62	51	38	21	1155	552	1707	1 1/4"/1 1/2"/2"	25.8
-	4SW12-18	18	4	5.5		113	108	103	96	88	79	69	57	42	23	1298	587	1885	1 1/4"/1 1/2"/2"	28.2
-	4SW12-20	20	4	5.5		126	120	114	107	98	88	77	63	47	26	1410	622	2032	1 1/4"/1 1/2"/2"	30.6
-	4SW12-23	23	5.5	7.5		144	138	132	123	113	101	88	73	54	29	1578	678	2256	1 1/4"/1 1/2"/2"	33.9
-	4SW12-26	26	5.5	7.5		163	156	149	139	128	115	100	82	61	33	1745	718	2463	1 1/4"/1 1/2"/2"	36.9
-	4SW12-29	29	7.5	10		182	174	166	155	142	128	111	92	68	37	1944	768	2712	1 1/4"/1 1/2"/2"	40.6
-	4SW12-32	32	7.5	10		201	192	183	171	157	141	123	101	75	41	2143	768	2911	1 1/4"/1 1/2"/2"	41.8

4SWm16

Performance Curve

n=2850 r/min, VALID FOR LIQUIDS WITH DENSITY $\rho = 1.0 \text{ kg/dm}^3$ AND KINEMATIC VISCOSITY $\nu = 1 \text{ mm}^2/\text{s}$



PUMP MODEL		STAGES	MOTOR		DELIVERY (n≈2850r/min)								PUMP SIZE				Weight (kg)	
MARQUIS			KW	HP	m³/h	0	3	6	9	12	15	18	21	L1 (mm)	L2(s) (mm)	L2(T) (mm)		DN (inch)
Single-phase	Three-phase				l/min	0	50	100	150	200	250	300	350					
4SWm16-3	-	3	1.1	1.5	H (m)	18	17	17	15	13	11	9	6	434	379	813	11-4"-11-2"-2"	12.5
4SWm16-4	-	4	1.1	1.5		24	23	22	20	18	15	12	8	502	399	901	11-4"-11-2"-2"	14
4SWm16-5	-	5	1.5	2		30	29	28	25	22	19	15	10	570	424	994	11-4"-11-2"-2"	15.5
4SWm16-6	-	6	1.5	2		36	35	33	30	26	23	18	12	639	449	1088	11-4"-11-2"-2"	17.2
4SWm16-8	-	8	2.2	3		48	47	44	40	35	30	25	17	807	502	1309	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	21.1
4SWm16-9	-	9	2.2	3		54	52	50	45	40	34	28	19	876	542	1418	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	23.4
-	4SW16-11	11	3	4		66	64	61	55	49	42	34	23	1013	527	1540	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	23.3
-	4SW16-12	12	3	4		71	70	66	60	53	45	37	25	1081	552	1633	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	25.2
-	4SW16-14	14	4	5.5		83	82	78	70	62	53	43	29	1218	587	1805	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	27.7
-	4SW16-16	16	4	5.5		95	93	89	80	71	61	49	33	1386	622	2008	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	30.2
-	4SW16-18	18	5.5	7.5		107	105	100	90	79	68	55	37	1523	678	2201	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	33.3
-	4SW16-20	20	5.5	7.5		119	117	111	100	88	76	62	42	1660	718	2378	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	36.1
-	4SW16-22	22	7.5	10		131	128	122	110	97	83	68	46	1796	768	2564	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	39.5
-	4SW16-24	24	7.5	10		143	140	133	120	106	91	74	50	1965	768	2733	1 ¹ / ₄ "/1 ¹ / ₂ "/2"	40.4

4SWSm

Applications

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

Operating conditions

Maximum fluid temperature up to +50°C
Maximum sand content:0.25%
Maximum immersion:80m.
Minimum well diameter:4"

Warranty: 2 years

(according to our general sales conditions)

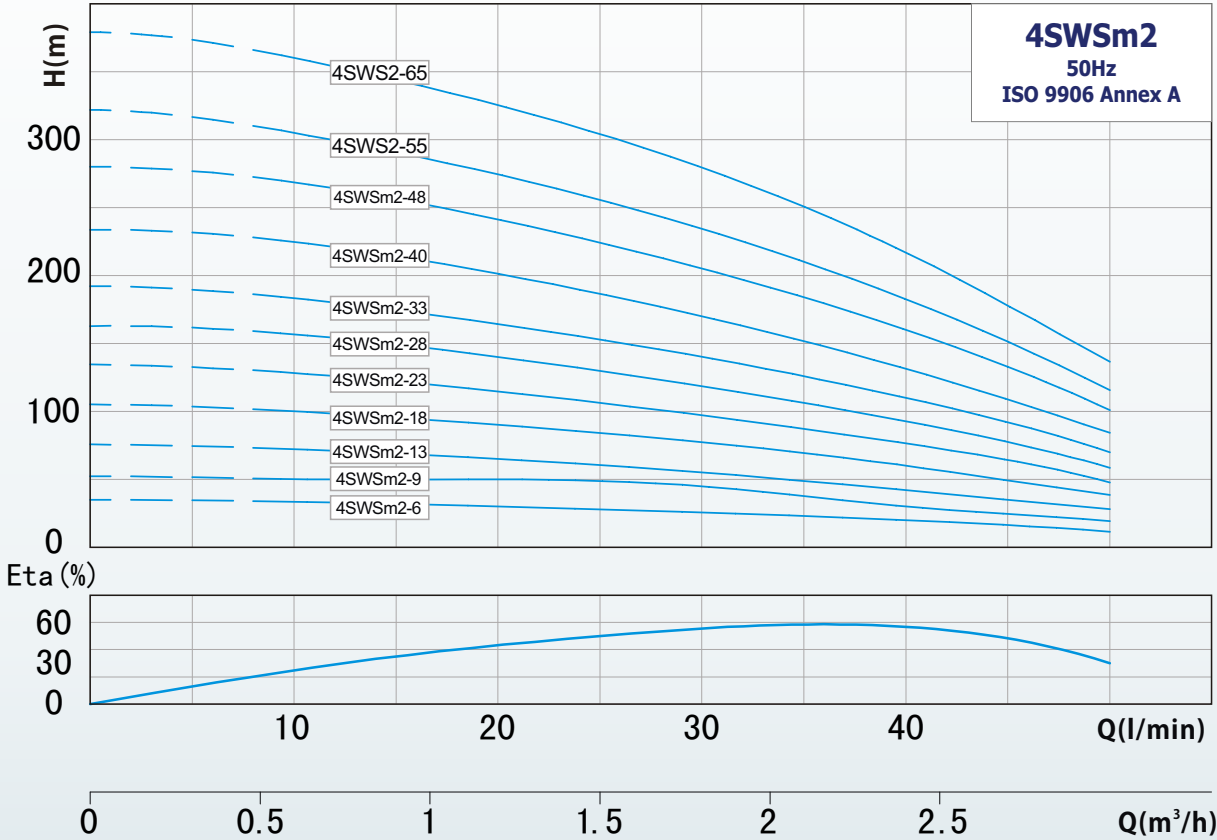
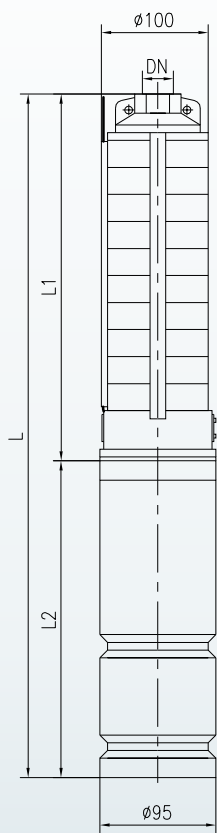
COMPONENT MATERIAL

Components	Material
Pump external casing	①AISI 304 SS ②AISI 316 SS
Delivery casing	①AISI 304 SS ②AISI 316 SS
Suction lantern	①AISI 304 SS ②AISI 316 SS
Diffuser	①AISI 304 SS ②AISI 316 SS
Impeller	①AISI 304 SS ②AISI 316 SS
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	①Cast-Cu ASTM C85500 ②AISI 420 SS
	③Cast-iron ASTM NO. 30
Bottom support	AISI 304 SS
Mechanical seal	Special seal for deep well (Graphite-Geramic)
Shaft	AISI 304 SS-ASTM 5140
Bearing	NSK
Seal lubricant oil	Oil for food machinery and pharmaceutic use.



Performance Curve

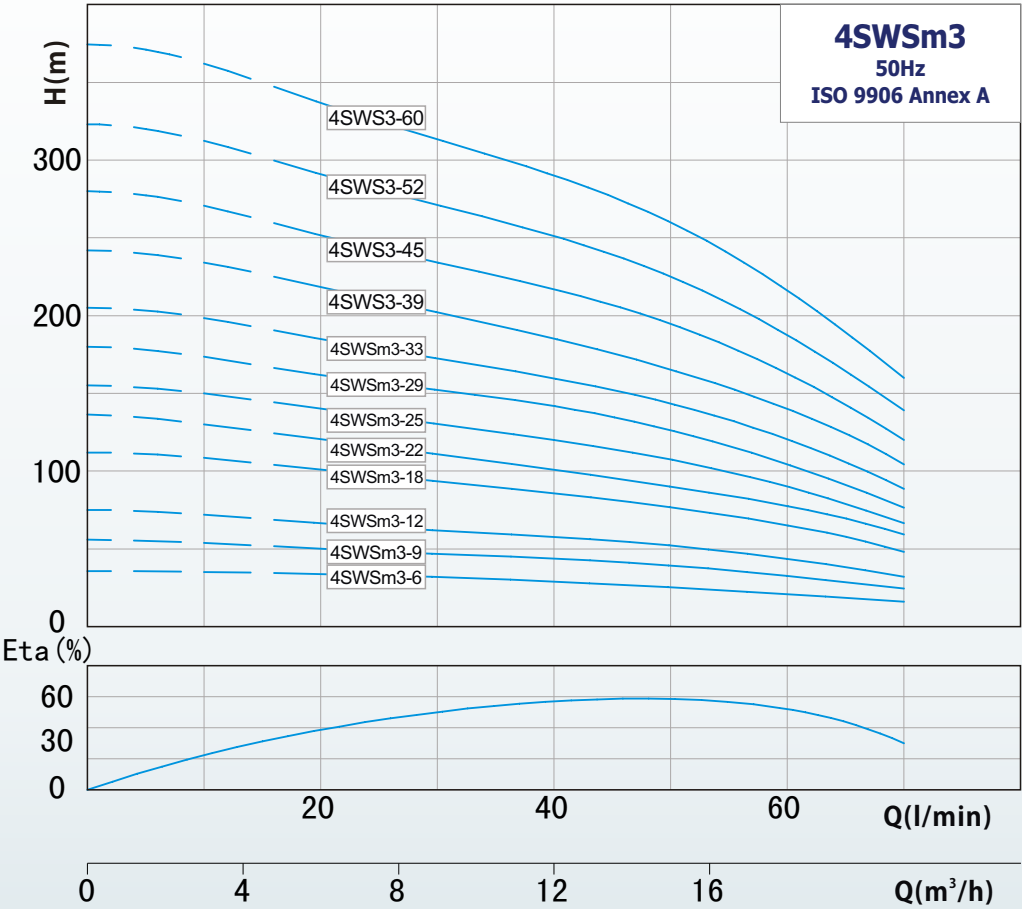
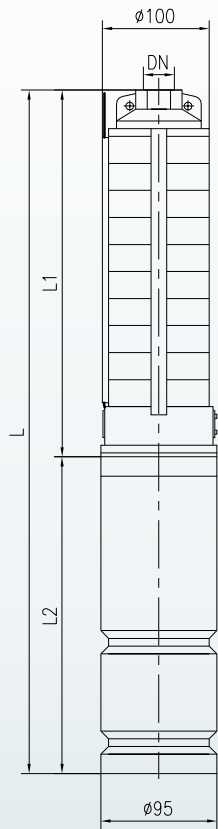
n=2850 r/min, VALID FOR LIQUIDS WITH DENSITY ρ =1.0 kg/dm³ AND KINEMATIC VISCOSITY ν =1 mm²/s



PUMP MODEL		STAGES	MOTOR		DELIVERY（n≈2850r/min）													PUMP SIZE				Weight (kg)
MARQUIS			KW	HP	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	L1	L2(s)	L2(T)	DN		
Single-phase	Three-phase				l/min	0	5	10	15	20	25	30	35	40	45	50	(mm)	(mm)	(mm)	(inch)		
4SWSm2-6	-	6	0.37	0.5	H (m)	35	34	33	32	30	28	26	23	20	17	13	281	314	595	1¼"/1½"	9.1	
4SWSm2-9	-	9	0.37	0.5		52	51	50	48	45	42	38	34	30	25	19	344	314	658	1¼"/1½"	9.7	
4SWSm2-13	-	13	0.55	0.75		76	74	72	69	65	61	55	50	43	36	27	428	329	757	1¼"/1½"	11.3	
4SWSm2-18	-	18	0.75	1		105	103	100	95	90	84	77	69	60	50	38	533	359	892	1¼"/1½"	13.8	
4SWSm2-23	-	23	1.1	1.5		134	131	127	122	115	107	98	88	77	64	48	628	399	1027	1¼"/1½"	16.7	
4SWSm2-28	-	29	1.5	2		163	160	155	148	140	131	119	107	93	78	59	743	424	1167	1¼"/1½"	18.8	
4SWSm2-33	-	33	1.5	2		192	188	183	175	166	154	141	126	110	91	70	848	449	1297	1¼"/1½"	21.2	
4SWSm2-40	-	40	2.2	3		233	228	222	212	201	186	170	153	134	111	84	995	502	1497	1¼"/1½"	25.7	
4SWSm2-48	-	48	2.2	3		280	274	266	254	241	224	205	183	160	133	101	1163	542	1705	1¼"/1½"	29.3	
-	4SWS2-55	55	3	4		321	314	305	291	276	256	234	210	184	152	116	1310	527	1837	1¼"/1½"	29.8	
-	4SWS2-65	65	3	4	379	371	360	344	326	303	277	248	217	180	137	1520	552	2072	1¼"/1½"	33.4		

Performance Curve

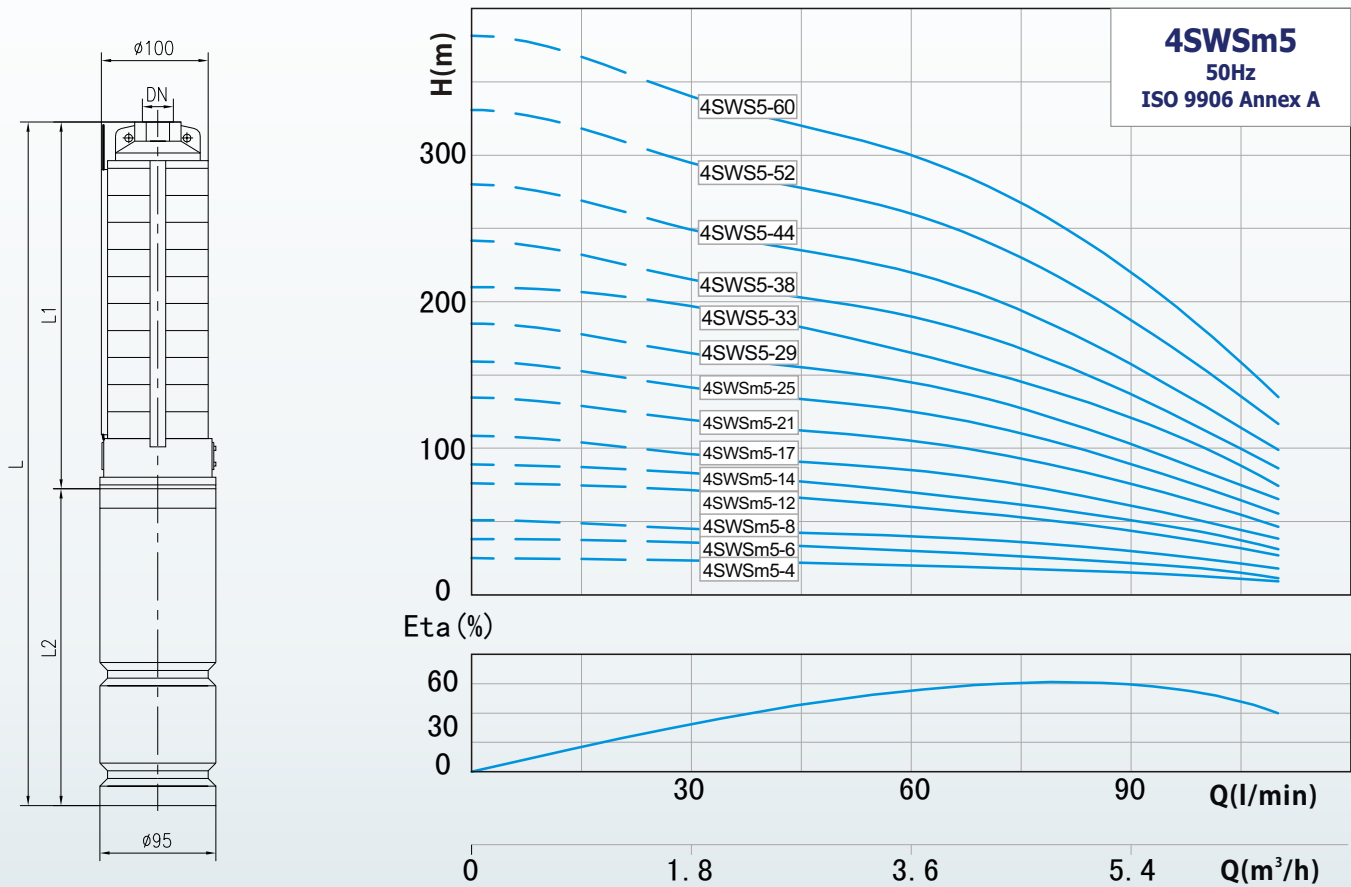
n=2850 r/min, VALID FOR LIQUIDS WITH DENSITY $\rho = 1.0 \text{ kg/dm}^3$ AND KINEMATIC VISCOSITY $\nu = 1 \text{ mm}^2/\text{s}$



PUMP MODEL		STAGES	MOTOR		DELIVERY （n≈2850r/min）								PUMP SIZE				Weight (kg)	
MARQUIS			KW	HP	m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	L1 (mm)	L2(s) (mm)	L2(T) (mm)		DN (inch)
Single-phase	Three-phase				l/min	0	10	20	30	40	50	60	70					
4SWSm3-6	-	6	0.37	0.5	H (m)	37	35	34	32	29	26	22	16	281	314	595	1 ¹ / ₄ "/1 ¹ / ₂ "	9.1
4SWSm3-9	-	9	0.55	0.75		56	53	50	48	44	39	32	24	344	329	673	1 ¹ / ₄ "/1 ¹ / ₂ "	10.4
4SWSm3-12	-	12	0.75	1		75	71	67	63	59	52	43	32	407	359	766	1 ¹ / ₄ "/1 ¹ / ₂ "	12.5
4SWSm3-18	-	18	1.1	1.5		112	106	101	95	88	78	65	48	533	399	932	1 ¹ / ₄ "/1 ¹ / ₂ "	15.7
4SWSm3-22	-	22	1.5	1.5		137	130	123	116	108	95	79	59	617	424	1041	1 ¹ / ₄ "/1 ¹ / ₂ "	17.6
4SWSm3-25	-	25	1.5	2		155	148	140	132	123	108	90	67	680	449	1129	1 ¹ / ₄ "/1 ¹ / ₂ "	19.5
4SWSm3-29	-	29	2.2	3		180	171	162	153	142	126	104	77	764	502	1266	1 ¹ / ₄ "/1 ¹ / ₂ "	23.4
4SWSm3-33	-	33	2.2	3		205	195	185	174	162	143	119	88	848	542	1390	1 ¹ / ₄ "/1 ¹ / ₂ "	26.2
-	4SWS3-39	39	3	4		242	230	218	206	191	169	140	104	974	527	1501	1 ¹ / ₄ "/1 ¹ / ₂ "	26.5
-	4SWS3-45	45	3	4		280	266	252	238	221	195	162	120	1100	552	1652	1 ¹ / ₄ "/1 ¹ / ₂ "	29.2
-	4SWS3-52	52	4	5.5		323	307	291	275	255	225	187	139	1247	587	1834	1 ¹ / ₄ "/1 ¹ / ₂ "	32.3
	4SWS3-60	60	4	5.5		373	354	336	317	294	260	216	160	1415	622	2037	1 ¹ / ₄ "/1 ¹ / ₂ "	35.6

Performance Curve

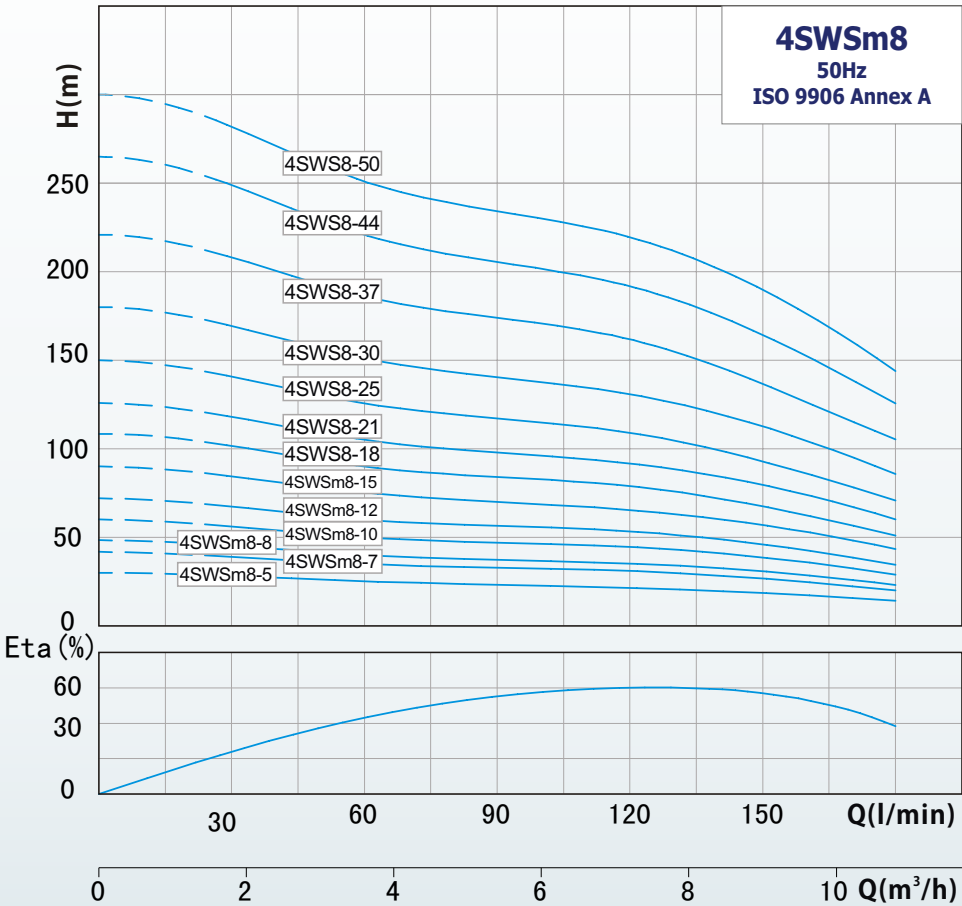
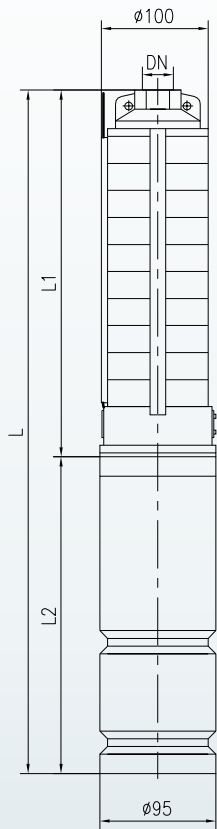
n=2850 r/min, VALID FOR LIQUIDS WITH DENSITY $\rho = 1.0 \text{ kg/dm}^3$ AND KINEMATIC VISCOSITY $\nu = 1 \text{ mm}^2/\text{s}$



PUMP MODEL		STAGES	MOTOR		DELIVERY（n≈2850r/min）														PUMP SIZE				Weight (kg)
MARQUIS			KW	HP	m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.6	L1 (mm)	L2(s) (mm)	L2(T) (mm)	DN (inch)		
Single-phase	Three-phase				l/min	0	10	20	30	40	50	60	70	80	90	100	110						
4SWSm5-4	-	4	0.37	0.5	H (m)	25	25	24	23	22	21	20	19	17	15	12	9	251	314	565	1¼"/1½"	8.8	
4SWSm5-6	-	6	0.55	0.75		38	37	35	34	33	31	30	28	25	22	18	13	299	329	628	1¼"/1½"	9.9	
4SWSm5-8	-	8	0.75	1		51	49	47	45	44	42	40	37	34	29	24	18	347	359	706	1¼"/1½"	11.8	
4SWSm5-12	-	12	1.1	1.5		76	74	71	68	66	63	60	56	51	44	36	27	443	399	842	1¼"/1½"	14.6	
4SWSm5-14	-	14	1.5	2		89	86	82	79	77	73	70	65	59	51	42	31	491	424	915	1¼"/1½"	16.1	
4SWSm5-17	-	17	1.5	2		108	104	100	96	93	89	85	79	72	62	51	38	563	449	1012	1¼"/1½"	18	
4SWSm5-21	-	21	2.2	3		134	129	124	119	115	110	105	98	89	77	63	47	659	502	1161	1¼"/1½"	22	
4SWSm5-25	-	25	2.2	3		159	153	147	142	137	131	125	117	106	92	75	56	755	542	1297	1¼"/1½"	24.8	
-	4SWS5-29	29	3	4		185	178	171	164	159	152	145	135	123	106	87	65	851	527	1378	1¼"/1½"	24.7	
-	4SWS5-33	33	3	4		210	202	194	187	180	173	165	154	140	121	99	74	947	552	1499	1¼"/1½"	27	
-	4SWS5-38	38	4	5.5		242	233	224	215	208	200	190	177	162	139	114	86	1067	587	1654	1¼"/1½"	29.8	
-	4SWS5-44	44	4	5.5		280	270	259	249	241	231	220	205	187	161	132	99	1208	622	1830	1¼"/1½"	32.5	
-	4SWS5-52	52	5.5	7.5		331	319	306	295	284	273	260	243	221	191	156	117	1397	678	2075	1¼"/1½"	36.3	
-	4SWS5-60	60	5.5	7.5		382	368	353	340	328	315	300	280	255	220	180	135	1586	718	2304	1¼"/1½"	39.8	

Performance Curve

n=2850 r/min, VALID FOR LIQUIDS WITH DENSITY ρ =1.0 kg/dm³ AND KINEMATIC VISCOSITY ν =1 mm²/s



PUMP MODEL		STAGES	MOTOR		DELIVERY (n≈2850r/min)										PUMP SIZE				Weight (kg)	
MARQUIS			KW	HP	m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	L1 (mm)	L2(s) (mm)	L2(T) (mm)		DN (inch)
Single-phase	Three-phase				l/min	0	20	40	60	80	100	120	140	160	180					
4SWSm8-5	-	5	0.75	1	H (m)	30	28	26	25	24	23	22	20	17	14	415	359	774	1½"/2"	13.1
4SWSm8-7	-	7	1.1	1.5		42	39	37	35	34	32	31	28	24	20	499	399	898	1½"/2"	15.6
4SWSm8-8	-	8	1.5	2		48	45	42	40	38	37	35	32	28	23	541	424	965	1½"/2"	17.1
4SWSm8-10	-	10	1.5	2		60	56	53	50	48	46	44	40	35	29	625	449	1074	1½"/2"	18.9
4SWSm8-12	-	12	2.2	3		72	67	63	60	58	55	53	48	42	34	709	502	1211	1½"/2"	22.6
4SWSm8-15	-	15	2.2	3		90	84	79	75	72	69	66	60	52	43	835	542	1377	1½"/2"	25.5
-	4SWS8-18	18	3	4		108	100	95	90	86	83	79	72	63	51	982	552	1534	1½"/2"	26.8
-	4SWS8-21	21	4	5.5		126	117	110	105	101	97	92	84	73	60	1108	587	1695	1½"/2"	29.5
	4SWS8-25	25	4	5.5		150	140	132	126	120	115	109	100	87	71	1255	622	1877	1½"/2"	32.5
-	4SWS8-30	30	5.5	7.5		180	167	158	151	144	138	131	120	104	86	1465	678	2143	1½"/2"	36.3
	4SWS8-37	37	5.5	7.5		222	206	195	186	178	170	162	148	129	106	1717	718	2435	1½"/2"	40.7
	4SWS8-44	44	7.5	10		264	246	231	221	211	202	193	176	153	126	1864	768	2632	1½"/2"	46.1
	4SWS8-50	50	7.5	10		300	279	263	251	240	230	219	200	174	143	1990	768	2758	1½"/2"	49

6SWS

Applications

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

Operating conditions

Maximum fluid temperature up to +50°C
Maximum sand content:0.25%
Maximum immersion:100m.
Minimum well diameter:6"

Warranty: 2 years

(according to our general sales conditions)

COMPONENT MATERIAL

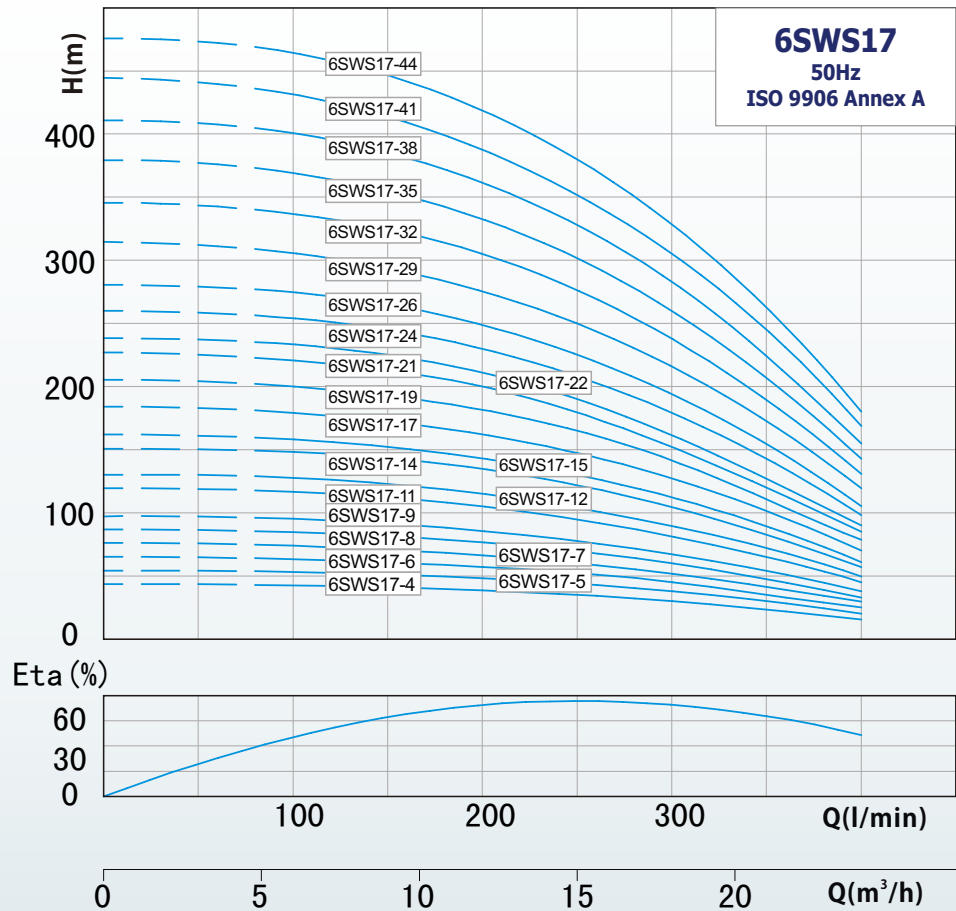
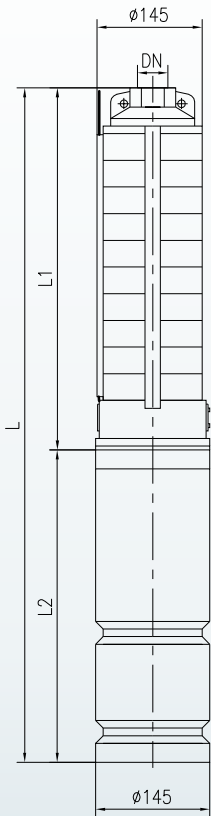
Components	Material
Pump external casing	①AISI 304 SS ②AISI 316 SS
Delivery casing	①AISI 304 SS ②AISI 316 SS
Suction lantern	①AISI 304 SS ②AISI 316 SS
Diffuser	①AISI 304 SS ②AISI 316 SS
Impeller	①AISI 304 SS ②AISI 316 SS
Shaft	①AISI 316 SS ②AISI 304 SS
Shaft coupling	①AISI 316 SS ②AISI 304 SS
Wear ring	Rubber
Motor external casing	AISI 304 SS
Top chock	①Cast-iron ASTM No. 30 ②AISI 304 SS
Bottom support	①Cast-iron ASTM No. 30 ②AISI 304 SS
Seal	NSK Graphite-SIC/TC
Shaft	AISI 304 SS-ASTM 5140
Thrust bearing	①Graphite-Ceramic ②NSK
Radial bearing	①Graphite-Ceramic ②NSK



6SWS17

Performance Curve

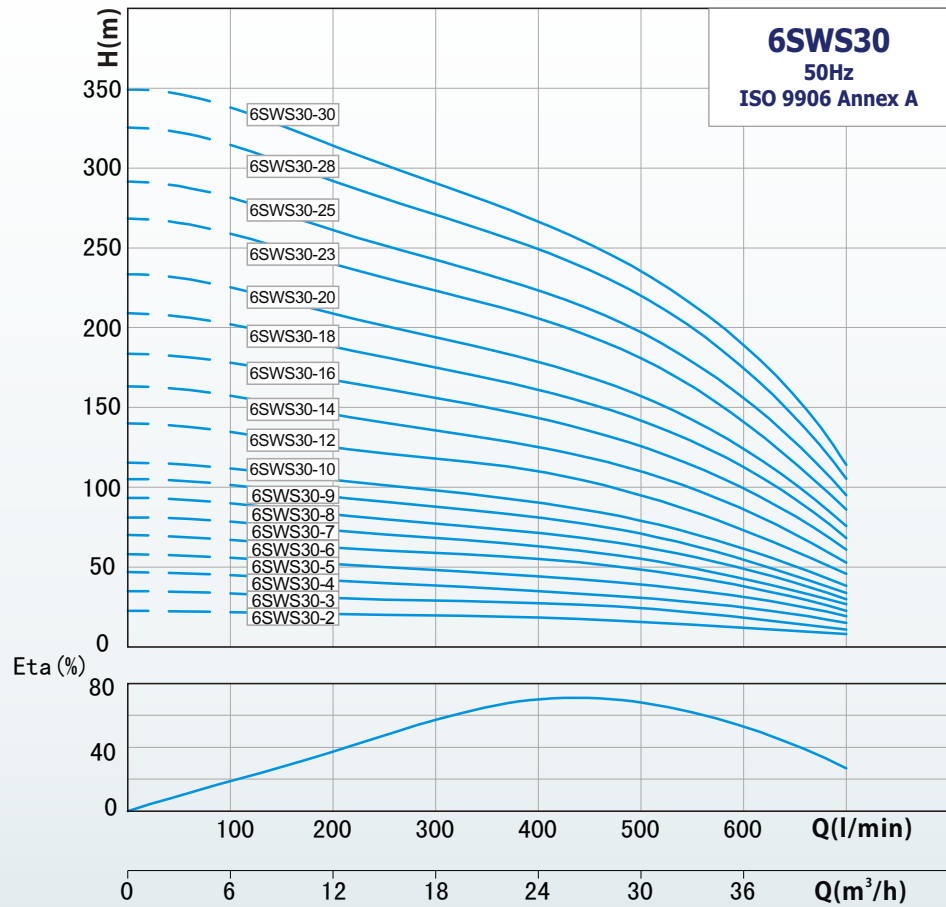
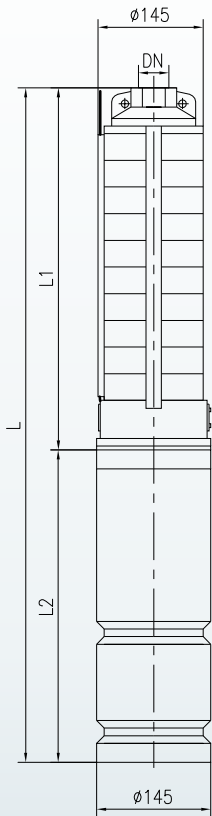
n=2850 r/min, VALID FOR LIQUIDS WITH DENSITY $\rho = 1.0 \text{ kg/dm}^3$ AND KINEMATIC VISCOSITY $\nu = 1 \text{ mm}^2/\text{s}$



PUMP MODEL	STAGES	MOTOR		DELIVERY (n≈2850r/min)										PUMP SIZE				Weight (kg)
		KW	HP	m³/h	0	3	6	9	12	15	18	21	24	L1	L2	L	DN	
				l/min	0	50	100	150	200	250	300	350	400	(mm)	(mm)	(mm)	(inch)	
6SWS17-4	4	2.2	3	H (m)	43	43	42	41	38	35	30	24	16	514	529	1043	3"/4"	42
6SWS17-5	5	3	4		54	54	53	51	48	43	37	30	20	575	554	1129	3"/4"	45.8
6SWS17-6	6	4	5.5		65	64	63	61	57	52	45	35	25	635	584	1219	3"/4"	50.5
6SWS17-7	7	4	5.5		76	75	74	71	67	60	52	41	29	696	584	1280	3"/4"	51.8
6SWS17-8	8	5.5	7.5		87	86	84	82	76	69	60	47	33	756	614	1370	3"/4"	56.5
6SWS17-9	9	5.5	7.5		97	96	95	92	86	78	67	53	37	817	666	1483	3"/4"	61.7
6SWS17-11	11	7.5	10		119	118	116	112	105	95	82	65	45	938	654	1592	3"/4"	64.8
6SWS17-12	12	7.5	10		130	128	127	122	115	104	89	71	49	998	654	1652	3"/4"	66.1
6SWS17-14	14	9.2	12.5		151	150	148	143	134	121	104	83	57	1119	704	1823	3"/4"	74.4
6SWS17-15	15	9.2	12.5		162	161	158	153	143	130	112	89	61	1180	704	1884	3"/4"	75.7
6SWS17-17	17	11	15		184	182	179	173	162	147	127	100	70	1301	754	2055	3"/4"	83.9
6SWS17-19	19	11	15		206	203	200	194	181	164	142	112	78	1422	754	2176	3"/4"	86.5
6SWS17-21	21	13	17.5		227	225	221	214	200	181	157	124	86	1543	804	2347	3"/4"	94.7
6SWS17-22	22	13	17.5		238	236	232	225	210	190	164	130	90	1603	804	2407	3"/4"	96
6SWS17-24	24	15	20		260	257	253	245	229	207	179	142	98	1724	854	2578	3"/4"	104.2
6SWS17-26	26	15	20		281	278	274	265	248	225	194	154	106	1845	854	2699	3"/4"	106.8
6SWS17-29	29	18.5	25		314	310	306	296	277	250	216	171	119	2027	934	2961	3"/4"	122.1
6SWS17-32	32	18.5	25		346	343	337	327	305	276	239	189	131	2208	934	3142	3"/4"	126
6SWS17-35	35	22	30		379	375	369	357	334	302	261	207	143	2390	1014	3404	3"/4"	140
6SWS17-38	38	22	30		411	407	401	388	363	328	283	225	155	2571	1014	3585	3"/4"	144.5
6SWS17-41	41	26	35		444	439	432	418	391	354	306	242	168	2753	1094	3847	3"/4"	159.1
6SWS17-44	44	26	35		476	471	464	449	420	380	328	260	180	2934	1094	4028	3"/4"	163

Performance Curve

n=2850 r/min, VALID FOR LIQUIDS WITH DENSITY $\rho = 1.0 \text{ kg/dm}^3$ AND KINEMATIC VISCOSITY $\nu = 1 \text{ mm}^2/\text{s}$

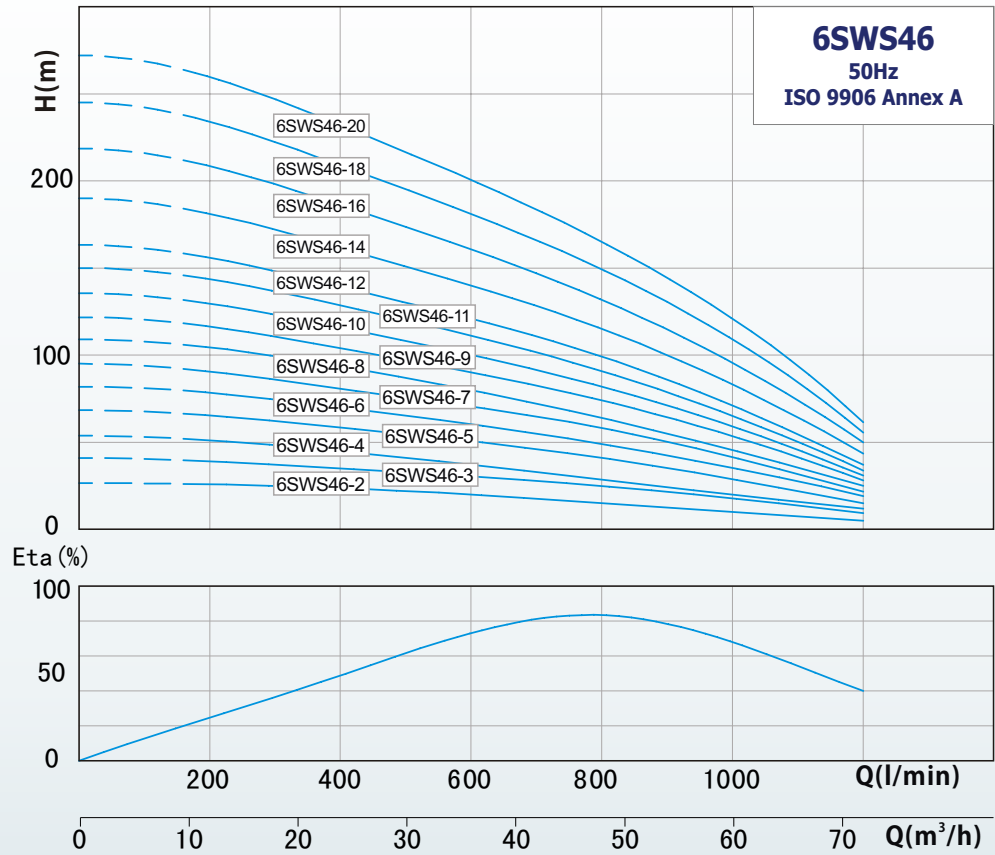
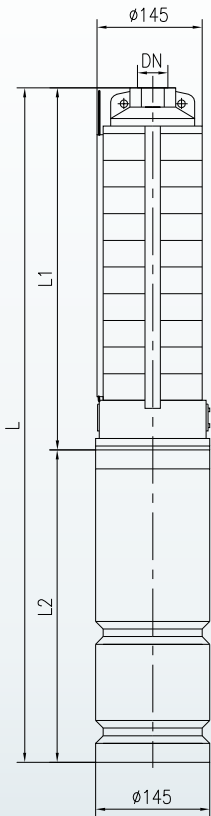


PUMP MODEL	STAGES	MOTOR		DELIVERY (n≈2850r/min)									PUMP SIZE				Weight (kg)
MARQUIS		KW	HP	m³/h	0	6	12	18	24	30	36	42	L1 (mm)	L2 (mm)	L (mm)	DN (inch)	
				l/min	0	100	200	300	400	500	600	700					
6SWS30-2	2	2.2	3	H (m)	23	22	21	20	18	16	12	8	464	529	993	3"/4"	40.4
6SWS30-3	3	3	4		35	34	31	29	28	24	18	11	560	554	1114	3"/4"	44.7
6SWS30-4	4	4	5.5		47	45	42	39	37	31	23	15	656	584	1240	3"/4"	49.9
6SWS30-5	5	5.5	7.5		58	56	52	49	46	39	29	19	752	614	1366	3"/4"	55.1
6SWS30-6	6	5.5	7.5		70	67	63	59	55	47	35	23	848	614	1462	3"/4"	56.9
6SWS30-7	7	7.5	10		81	78	73	69	64	55	41	27	944	654	1598	3"/4"	63.1
6SWS30-8	8	7.5	10		93	90	83	79	74	63	47	30	1040	654	1694	3"/4"	64.9
6SWS30-9	9	9.2	12.5		105	101	94	88	83	71	53	34	1136	704	1840	3"/4"	72.4
6SWS30-10	10	9.2	12.5		116	112	104	98	92	79	59	38	1232	704	1936	3"/4"	74.2
6SWS30-12	12	11	15		140	134	125	118	110	94	70	46	1424	754	2178	3"/4"	83.4
6SWS30-14	14	13	17.5		163	157	146	138	129	110	82	53	1616	804	2420	3"/4"	92.6
6SWS30-16	16	15	20		186	179	167	157	147	126	94	61	1808	854	2662	3"/4"	101.8
6SWS30-18	18	18.5	25		209	202	188	177	166	142	106	68	2000	934	2934	3"/4"	116.8
6SWS30-20	20	18.5	25		233	224	209	197	184	157	117	76	2192	934	3126	3"/4"	120.4
6SWS30-23	23	22	30		268	258	240	226	212	181	135	87	2480	1014	3494	3"/4"	136.5
6SWS30-25	25	22	30		291	280	261	246	230	197	147	95	2578	924	3502	3"/4"	124.4
6SWS30-28	28	26	35		326	314	292	275	258	220	164	106	2960	1094	4054	3"/4"	156.2
6SWS30-30	30	26	35		349	336	313	295	276	236	176	114	3152	1094	4246	3"/4"	159.8

6SWS46

Performance Curve

n=2850 r/min, VALID FOR LIQUIDS WITH DENSITY $\rho = 1.0 \text{ kg/dm}^3$ AND KINEMATIC VISCOSITY $\nu = 1 \text{ mm}^2/\text{s}$

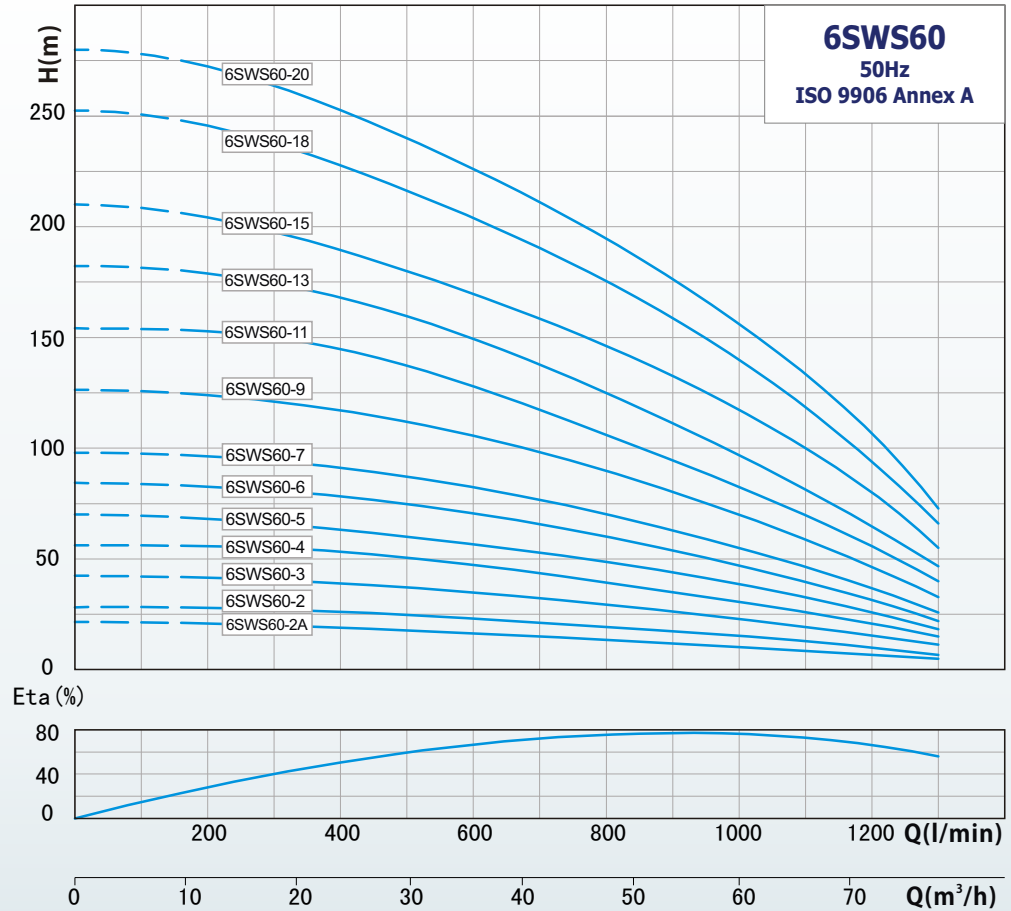
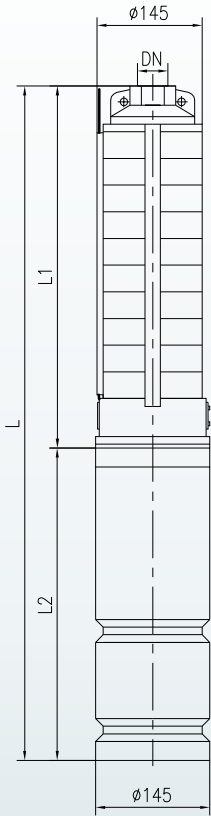


PUMP MODEL	STAGES	MOTOR		DELIVERY (n?2850r/min)												PUMP SIZE				Weight (kg)	
MARQUIS		KW	HP	m³/h	0	6	12	18	24	30	36	42	48	54	60	66	L1 (mm)	L2 (mm)	L (mm)		DN (inch)
				l/min	0	100	200	300	400	500	600	700	800	900	1000	1100					
6SWS46-2	2	3	4	H (m)	27	26	26	25	23	22	20	18	16	14	10	6	498	554	1052	3"/4"	44.3
6SWS46-3	3	4	5.5		41	40	39	37	35	33	30	28	25	21	15	9	611	584	1195	3"/4"	50.2
6SWS46-4	4	5.5	7.5		54	53	52	49	46	43	40	37	33	27	20	12	724	614	1338	3"/4"	56.1
6SWS46-5	5	7.5	10		68	66	64	62	58	54	50	46	41	34	25	15	837	654	1491	3"/4"	63
6SWS46-6	6	9.2	12.5		82	79	77	74	70	65	60	55	49	41	31	19	950	704	1654	3"/4"	71.2
6SWS46-7	7	11	15		95	93	90	86	81	76	70	64	58	48	36	22	1063	754	1817	3"/4"	79.3
6SWS46-8	8	13	17.5		109	106	103	99	93	87	80	74	66	55	41	25	1176	804	1980	3"/4"	87.4
6SWS46-9	9	15	20		122	119	116	111	104	98	90	83	74	62	46	28	1289	854	2143	3"/4"	95.5
6SWS46-10	10	15	20		136	132	129	123	116	108	100	92	82	68	51	31	1402	854	2256	3"/4"	98
6SWS46-11	11	18.5	25		150	146	142	136	128	119	110	101	91	75	56	34	1515	934	2449	3"/4"	111.9
6SWS46-12	12	18.5	25		163	159	155	148	139	130	120	110	99	82	61	37	1628	934	2562	3"/4"	114.4
6SWS46-14	14	22	30		190	186	181	173	162	152	140	129	115	96	71	43	1854	1014	2868	3"/4"	130.1
6SWS46-16	16	26	35		218	212	206	198	186	174	160	147	132	110	82	50	2080	1094	3174	3"/4"	145.8
6SWS46-18	18	30	40		245	239	232	222	209	195	180	166	149	123	92	56	2306	1174	3480	3"/4"	161.5
6SWS46-20	20	30	40		272	265	259	247	232	217	200	184	165	137	102	62	2532	1174	3706	3"/4"	166.5

6SWS60

Performance Curve

n=2850 r/min, VALID FOR LIQUIDS WITH DENSITY $\rho = 1.0 \text{ kg/dm}^3$ AND KINEMATIC VISCOSITY $\nu = 1 \text{ mm}^2/\text{s}$



PUMP MODEL	STAGES	MOTOR		DELIVERY (n≈2850r/min)															PUMP SIZE				Weight (kg)
MARQUIS		KW	HP	m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72	78	L1 (mm)	L2 (mm)	L (mm)	DN (inch)	
				l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300					
6SWS60-2A	2	4	5.5	H (m)	21	21	21	20	19	18	17	15	14	13	12	10	8	5	498	584	1082	3"/4"	49.7
6SWS60-2	2	5.5	7.5		28	28	28	27	26	24	22	21	19	18	16	13	10	7	498	614	1112	3"/4"	53.1
6SWS60-3	3	7.5	10		42	42	42	41	39	36	33	31	29	26	23	20	16	11	611	654	1265	3"/4"	61
6SWS60-4	4	9.2	12.5		56	56	55	55	52	48	44	41	39	35	31	27	21	15	724	704	1428	3"/4"	70.2
6SWS60-5	5	11	15		70	70	69	68	65	60	55	51	48	44	39	33	26	18	837	754	1591	3"/4"	79.3
6SWS60-6	6	13	17.5		84	84	83	82	78	72	66	62	58	53	47	40	31	22	950	804	1754	3"/4"	88.4
6SWS60-7	7	15	20		98	98	97	96	91	84	77	72	68	62	55	47	36	26	1063	854	1917	3"/4"	97.5
6SWS60-9	9	18.5	25		126	126	125	123	117	108	99	93	87	79	70	60	47	33	1289	934	2223	3"/4"	115.9
6SWS60-11	11	22	30		154	153	152	150	142	132	122	113	106	97	86	73	57	40	1515	1014	2529	3"/4"	133.6
6SWS60-13	13	26	35		182	181	180	177	168	156	144	134	125	114	101	86	68	47	1741	1094	2835	3"/4"	151.3
6SWS60-15	15	30	40		210	209	208	205	194	180	166	155	145	132	117	100	78	55	1967	1174	3141	3"/4"	169
6SWS60-18	18	37	50		252	251	249	246	233	216	199	185	174	158	140	120	94	66	2306	1274	3580	3"/4"	192.9
6SWS60-20	20	37	50		280	279	277	273	259	240	221	206	193	176	156	133	104	73	2532	1274	3806	3"/4"	199.9

6SWR

Applications

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

Operating conditions

Maximum fluid temperature up to +35°C
Maximum sand content:0.25%
Maximum immersion:100m.
Minimum well diameter:6"

Warranty: 2 years

(according to our general sales conditions)

COMPONENT MATERIAL

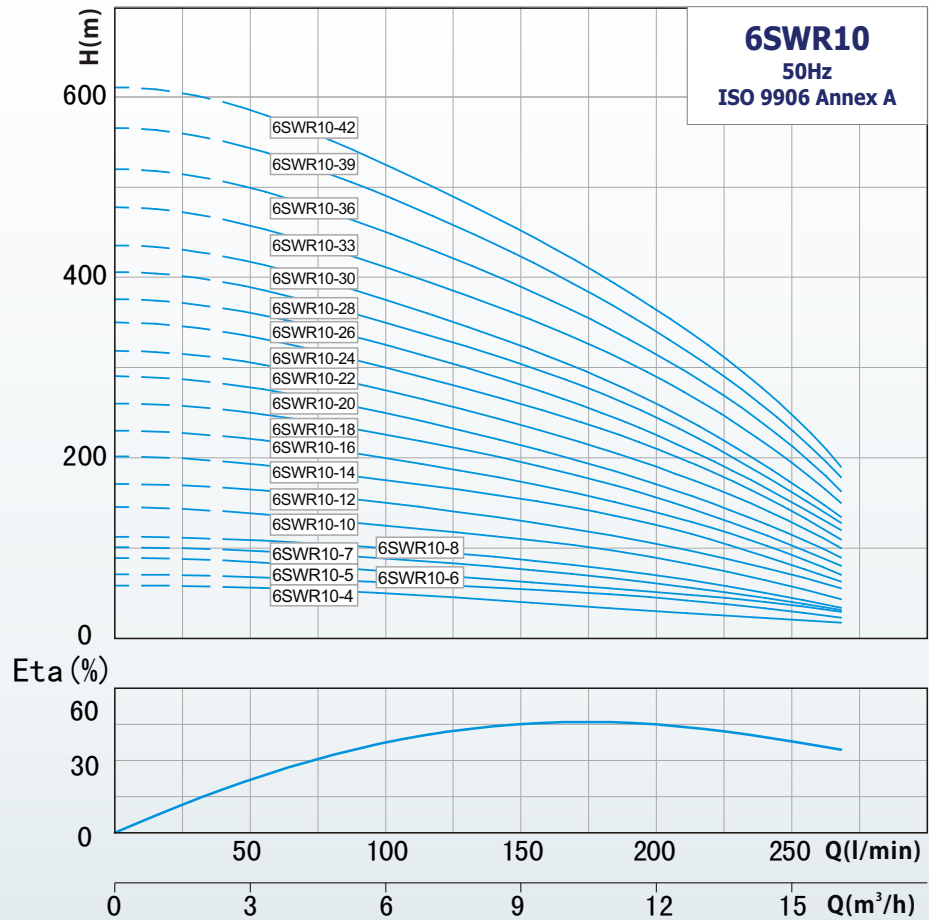
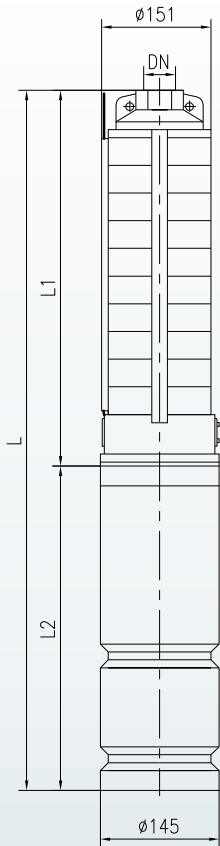
Components	Material
Pump external casing	AISI 304 SS
Delivery casing	Cast-iron ASTM NO. 30
Suction lantern	Cast-iron ASTM NO. 30
Diffuser	Plastic. PC & AISI 304 SS
Impeller	①Plastic. POM ②Plastic. PC
Shaft	①AISI 304 SS ②AISI 316 SS
Shaft coupling	①AISI 304 SS ②AISI 316 SS
Wear ring	AISI 304 SS
Motor external casing	AISI 304 SS
Top chock	①Cast-iron ASTM No. 30 ②AISI 304 SS
Bottom support	①Cast-iron ASTM No. 30 ②AISI 304 SS
Seal	NSK Graphite-SIC/TC
Shaft	AISI 304 SS-ASTM 5140
Thrust bearing	①Graphite-Ceramic ②NSK
Radial bearing	①Graphite-Ceramic ②NSK



6SWR10

Performance Curve

n=2850 r/min, VALID FOR LIQUIDS WITH DENSITY $\rho = 1.0 \text{ kg/dm}^3$ AND KINEMATIC VISCOSITY $\nu = 1 \text{ mm}^2/\text{s}$

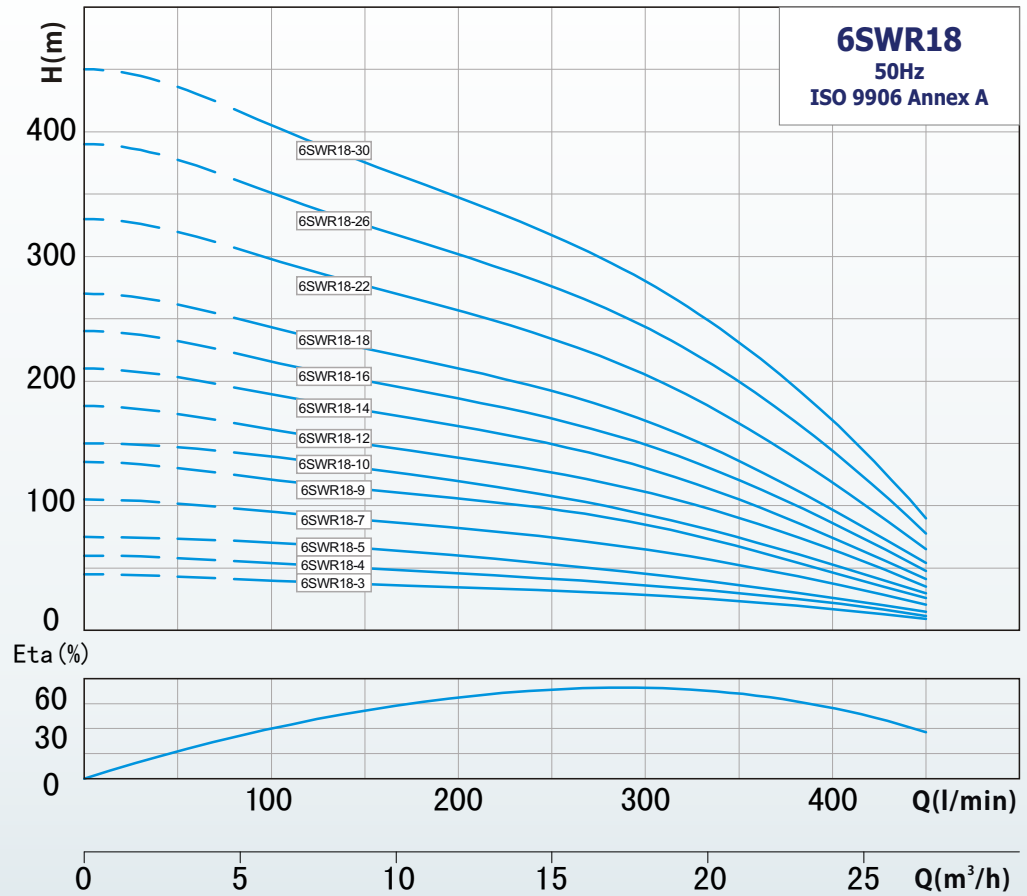
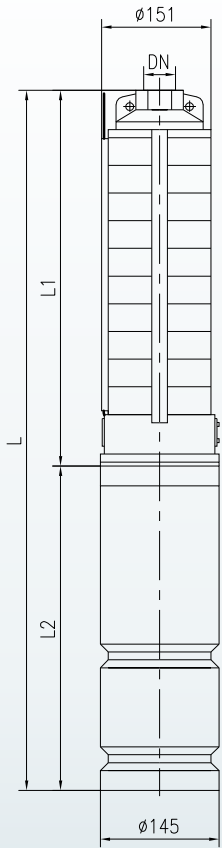


PUMP MODEL	STAGES	MOTOR		DELIVERY (n≈2850r/min)												PUMP SIZE				Weight (kg)
MARQUIS		KW	HP	m³/h	0	2	4	6	8	10	12	14	16	L1	L2	L	DN			
				l/min	0	33	67	100	133	167	200	233	267	(mm)	(mm)	(mm)	(inch)			
6SWR10-4	4	2.2	3	H (m)	58	55	53	50	46	41	35	27	18	555	529	1084	2 1/2"/3"	47.3		
6SWR10-5	5	3	4		72	69	66	62	58	52	43	33	23	594	554	1148	2 1/2"/3"	50.6		
6SWR10-6	6	4	5.5		87	83	79	75	69	62	52	40	27	633	584	1217	2 1/2"/3"	54.8		
6SWR10-7	7	4	5.5		101	97	92	87	81	72	61	47	32	672	584	1256	2 1/2"/3"	55.6		
6SWR10-8	8	5.5	7.5		116	111	106	100	93	83	70	54	36	710	614	1324	2 1/2"/3"	59.8		
6SWR10-10	10	5.5	7.5		145	139	132	125	116	103	87	67	45	788	614	1402	2 1/2"/3"	61.4		
6SWR10-12	12	7.5	10		173	166	159	150	139	124	104	80	54	866	654	1520	2 1/2"/3"	67.4		
6SWR10-14	14	7.5	10		202	194	185	175	162	145	122	94	63	944	654	1598	2 1/2"/3"	69		
6SWR10-16	16	9.2	12.5		231	222	211	200	185	165	139	107	72	1022	704	1726	2 1/2"/3"	76.3		
6SWR10-18	18	9.2	12.5		260	249	238	225	208	186	156	120	81	1171	704	1875	2 1/2"/3"	77.9		
6SWR10-20	20	11	15		289	277	264	250	231	207	174	134	90	1249	754	2003	2 1/2"/3"	85.1		
6SWR10-22	22	11	15		318	305	291	275	255	227	191	147	100	1327	754	2081	2 1/2"/3"	86.7		
6SWR10-24	24	13	17.5		374	333	317	300	278	248	209	161	109	1405	804	2209	2 1/2"/3"	93.9		
6SWR10-26	26	13	17.5		376	360	344	325	301	269	226	174	118	1483	804	2287	2 1/2"/3"	95.5		
6SWR10-28	28	15	20		405	388	370	350	324	289	243	187	127	1561	854	2415	2 1/2"/3"	102.7		
6SWR10-30	30	15	20		434	416	396	375	347	310	261	201	136	1638	854	2492	2 1/2"/3"	104.3		
6SWR10-33	33	18.5	25		477	457	436	412	382	341	287	221	149	1755	934	2689	2 1/2"/3"	118.1		
6SWR10-36	36	18.5	25		520	499	476	450	417	372	313	241	163	1872	934	2806	2 1/2"/3"	120.5		
6SWR10-39	39	22	30		564	540	515	488	451	403	339	261	176	2060	1014	3074	2 1/2"/3"	133.6		
6SWR10-42	42	22	30		607	582	555	525	486	434	365	281	190	2177	1014	3191	2 1/2"/3"	136		

6SWR18

Performance Curve

n=2850 r/min, VALID FOR LIQUIDS WITH DENSITY $\rho = 1.0 \text{ kg/dm}^3$ AND KINEMATIC VISCOSITY $\nu = 1 \text{ mm}^2/\text{s}$

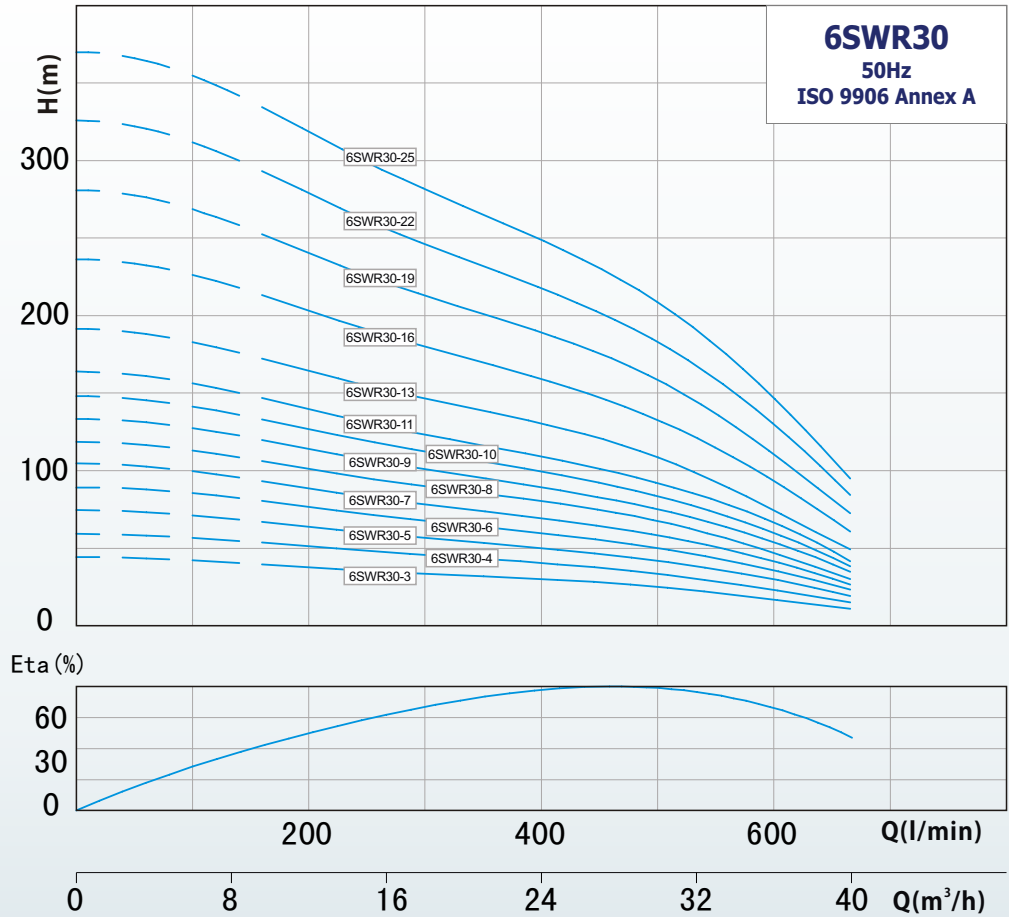
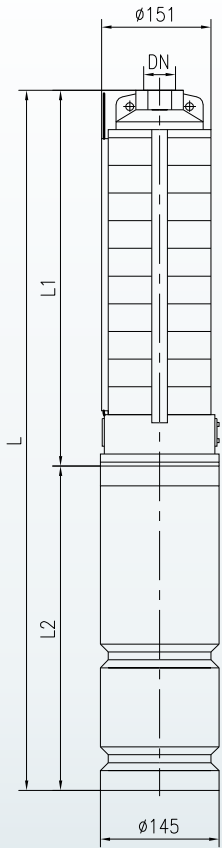


PUMP MODEL	STAGES	MOTOR		DELIVERY (n≈2850r/min)											PUMP SIZE				Weight (kg)
		KW	HP	m³/h	0	3	6	9	12	15	18	21	24	27	L1	L2	L	DN	
				l/min	0	50	100	150	200	250	300	350	400	450	(mm)	(mm)	(mm)	(inch)	
6SWR18-3	3	2.2	3	H (m)	45	43	40	39	36	32	28	22	16	9	534	529	1063	2 1/2"/3"	46.9
6SWR18-4	4	3	4		60	57	54	52	48	43	37	30	21	12	579	554	1133	2 1/2"/3"	50.3
6SWR18-5	5	4	5.5		75	71	67	65	60	54	47	37	26	15	624	584	1208	2 1/2"/3"	54.6
6SWR18-7	7	5.5	7.5		105	100	94	91	84	75	65	52	37	21	714	614	1328	2 1/2"/3"	59.8
6SWR18-9	9	7.5	10		135	128	121	117	108	97	84	67	47	27	803	654	1457	2 1/2"/3"	66
6SWR18-10	10	7.5	10		150	143	135	130	120	108	93	74	52	30	848	654	1502	2 1/2"/3"	66.9
6SWR18-12	12	9.2	12.5		180	171	162	156	144	129	112	89	63	36	938	704	1642	2 1/2"/3"	74.4
6SWR18-14	14	11	15		210	200	189	182	168	151	131	104	73	42	1028	754	1782	2 1/2"/3"	81.8
6SWR18-16	16	13	17.5		240	228	216	208	192	172	149	119	84	48	1190	804	1994	2 1/2"/3"	89.2
6SWR18-18	18	15	20		270	257	243	234	216	194	168	134	94	54	1279	854	2133	2 1/2"/3"	96.6
6SWR18-22	22	18.5	25		330	314	297	286	264	237	205	164	115	66	1459	934	2393	2 1/2"/3"	111.6
6SWR18-26	26	22	30		390	371	351	338	312	280	243	193	136	78	1639	1014	2653	2 1/2"/3"	125.9
6SWR18-30	30	26	35		450	428	405	390	360	323	280	223	157	90	1818	1094	2912	2 1/2"/3"	140.2

6SWR30

Performance Curve

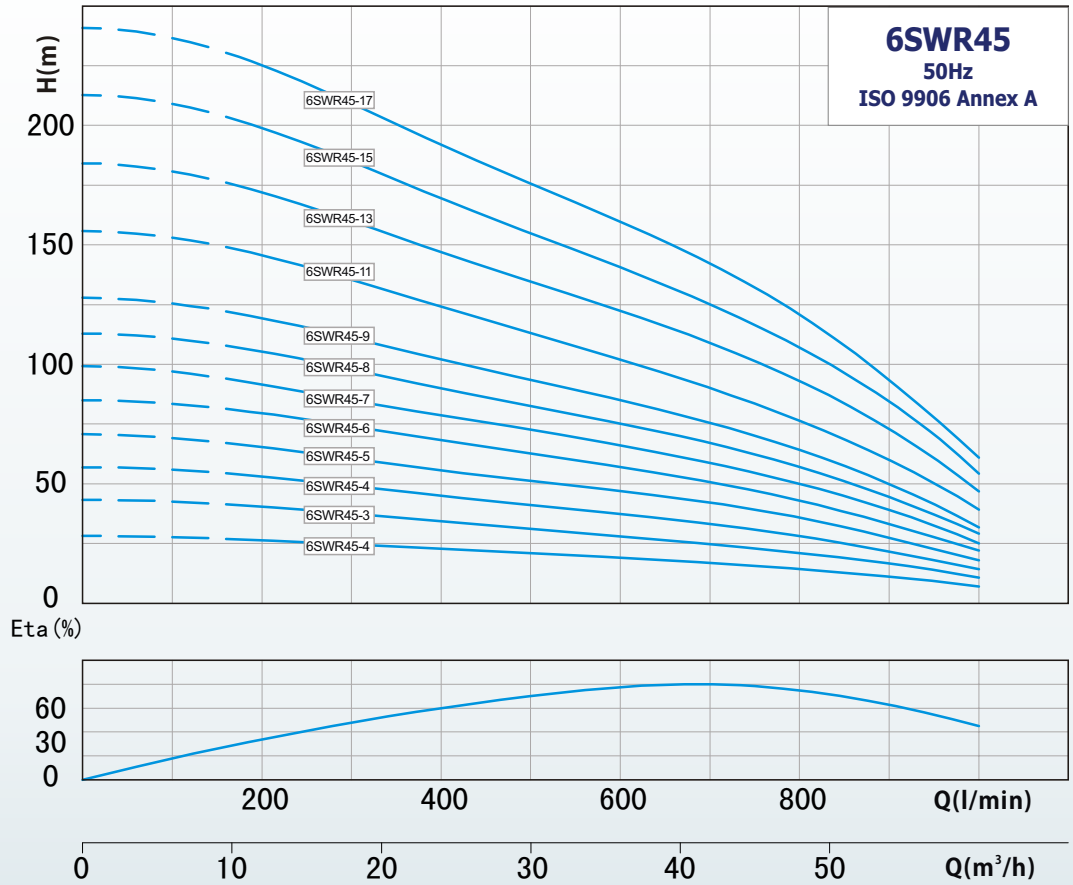
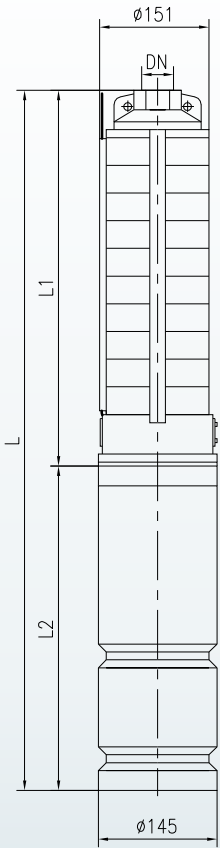
n=2850 r/min, VALID FOR LIQUIDS WITH DENSITY $\rho = 1.0 \text{ kg/dm}^3$ AND KINEMATIC VISCOSITY $\nu = 1 \text{ mm}^2/\text{s}$



PUMP MODEL	STAGES	MOTOR		DELIVERY （n≈2850r/min）										PUMP SIZE				Weight (kg)
MARQUIS		KW	HP	m³/h	0	5	10	15	20	25	30	35	40	L1	L2	L	DN	
				l/min	0	83	167	250	333	417	500	583	667	(mm)	(mm)	(mm)	(inch)	
6SWR30-3	3	3	4	H (m)	44	41	38	36	33	30	25	19	11	561	554	1115	3"/4"	49.8
6SWR30-4	4	4	5.5		59	55	51	48	44	40	33	25	15	615	584	1199	3"/4"	54.2
6SWR30-5	5	5.5	7.5		74	69	64	60	55	50	42	32	19	669	614	1283	3"/4"	58.6
6SWR30-6	6	7.5	10		89	82	76	72	66	60	50	38	23	723	654	1377	3"/4"	64
6SWR30-7	7	7.5	10		104	96	89	83	76	69	58	44	27	777	654	1431	3"/4"	65
6SWR30-8	8	9.2	12.5		118	110	102	95	87	79	67	51	30	831	704	1535	3"/4"	71.7
6SWR30-9	9	11	15		133	123	114	107	98	89	75	57	34	884	754	1638	3"/4"	78.3
6SWR30-10	10	11	15		148	137	127	119	109	99	83	63	38	938	754	1692	3"/4"	79.3
6SWR30-11	11	13	17.5		163	151	140	131	120	109	92	70	42	992	804	1796	3"/4"	85.9
6SWR30-13	13	15	20		192	178	163	155	142	129	108	82	49	1172	854	2026	3"/4"	93.5
6SWR30-16	16	18.5	25		237	220	204	191	175	159	133	101	61	1334	934	2268	3"/4"	107.9
6SWR30-19	19	22	30		281	261	242	226	207	188	158	120	72	1495	1014	2509	3"/4"	121.6
6SWR30-22	22	26	35		326	302	280	262	240	218	183	139	84	1657	1094	2751	3"/4"	135.3
6SWR30-25	25	30	40		370	343	318	298	273	248	208	158	95	1819	1174	2993	3"/4"	149

Performance Curve

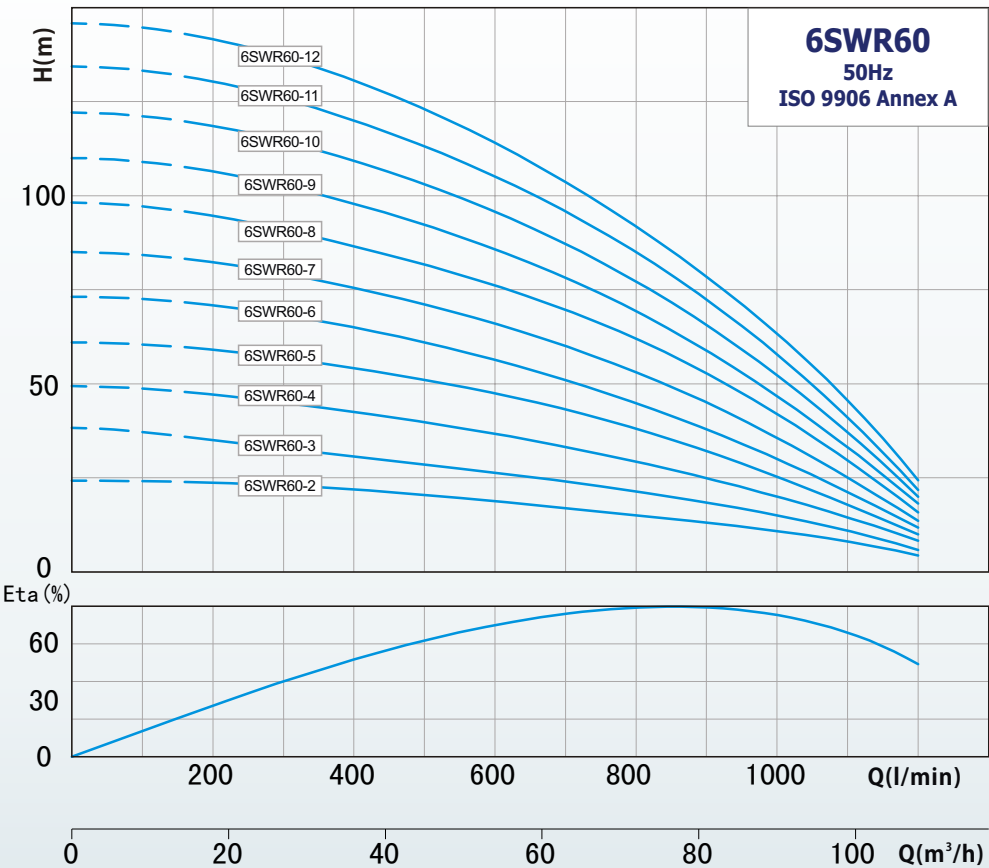
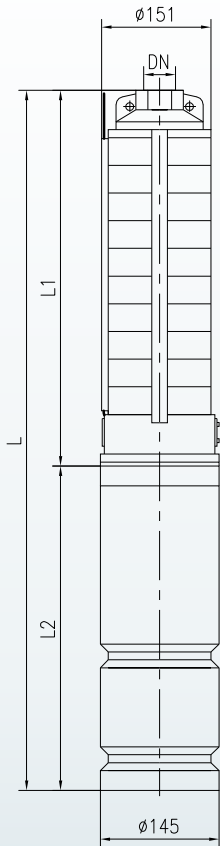
n=2850 r/min, VALID FOR LIQUIDS WITH DENSITY $\rho = 1.0 \text{ kg/dm}^3$ AND KINEMATIC VISCOSITY $\nu = 1 \text{ mm}^2/\text{s}$



PUMP MODEL	STAGES	MOTOR		DELIVERY（n≈2850r/min）												PUMP SIZE				Weight (kg)
MARQUIS		KW	HP	m³/h	0	6	12	18	24	30	36	42	48	54	60	L1 (mm)	L2 (mm)	L (mm)	DN (inch)	
				l/min	0	100	200	300	400	500	600	700	800	900	1000					
6SWR45-2	2	3	4	H (m)	28	27	26	24	23	21	19	17	14	11	7	583	554	1137	3"/4"	49.3
6SWR45-3	3	4	5.5		43	41	39	36	34	31	29	26	21	16	11	675	584	1259	3"/4"	54
6SWR45-4	4	5.5	7.5		57	55	52	48	45	42	38	34	28	22	14	767	614	1381	3"/4"	58.7
6SWR45-5	5	7.5	10		71	69	66	61	56	52	48	43	36	27	18	859	654	1513	3"/4"	64.4
6SWR45-6	6	9.2	12.5		85	82	79	73	68	63	58	52	43	33	22	951	704	1655	3"/4"	71.4
6SWR45-7	7	11	15		99	96	92	85	79	73	67	60	50	38	25	1042	754	1796	3"/4"	78.3
6SWR45-8	8	13	17.5		113	110	105	97	90	84	77	69	57	44	29	1134	804	1938	3"/4"	85.2
6SWR45-9	9	15	20		128	123	118	109	102	94	86	77	64	49	32	1226	854	2080	3"/4"	92.1
6SWR45-11	11	18.5	25		156	151	144	133	124	115	105	94	78	60	39	1482	934	2416	3"/4"	106.1
6SWR45-13	13	22	30		184	178	171	158	147	136	125	112	93	71	47	1666	1014	2680	3"/4"	119.4
6SWR45-15	15	26	35		213	206	197	182	169	157	144	129	104	82	54	1922	1094	3016	3"/4"	132.7
6SWR45-17	17	30	40		241	233	223	206	192	178	163	146	121	93	61	2106	1174	3280	3"/4"	146

Performance Curve

n=2850 r/min, VALID FOR LIQUIDS WITH DENSITY ρ =1.0 kg/dm³ AND KINEMATIC VISCOSITY ν =1 mm²/s



PUMP MODEL	STAGES	MOTOR		DELIVERY (n≈2850r/min)														PUMP SIZE				Weight (kg)
MARQUIS		KW	HP	m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72	L1 (mm)	L2 (mm)	L (mm)	DN (inch)	
				l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200					
6SWR60-2	2	4	5.5	H (m)	24	24	23	23	22	21	19	18	15	13	10	7	4	603	584	1187	3"/4"	53.1
6SWR60-3	3	5.5	7.5		37	36	35	34	33	31	29	26	23	19	15	11	6	705	614	1319	3"/4"	58
6SWR60-4	4	7.5	10		49	48	47	45	44	41	39	35	31	26	20	14	8	807	654	1461	3"/4"	63.9
6SWR60-5	5	11	15		61	60	58	57	54	52	48	44	38	32	25	18	10	909	754	1663	3"/4"	76.7
6SWR60-6	6	15	20		73	72	70	68	65	62	58	53	46	38	30	21	12	1011	854	1865	3"/4"	89.4
6SWR60-7	7	18.5	25		85	84	81	79	76	72	67	61	54	45	35	25	14	1112	934	2046	3"/4"	102.3
6SWR60-8	8	18.5	25		98	96	93	91	87	83	77	70	62	51	40	28	16	1214	934	2148	3"/4"	103.8
6SWR60-9	9	22	30		110	107	105	102	98	93	87	79	69	57	45	32	18	1316	1014	2330	3"/4"	116
6SWR60-10	10	26	35		122	119	116	113	109	103	96	88	77	64	50	35	20	1462	1094	2556	3"/4"	128
6SWR60-11	11	30	40		134	131	128	124	120	113	106	96	85	70	55	38	22	1608	1174	2782	3"/4"	140.4
6SWR60-12	12	30	40		146	143	140	136	131	124	116	105	92	76	60	42	24	1755	1174	2992	3"/4"	141.9



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