

ECT-ST series 60HZ



ECT PUMP

Submersible Electric Pumps

4"



6"



FEATURES

Discharge Head and Motor Adaptor are precision machined cast 304 stainless steel for superior strength and durability. The motor adaptor is NEMA standard.

4" Impellers are floating type made with Noryl®
6" Impellers are made with Noryl®

for a superior sand handling. Together with glass filled polycarbonate diffusers make the super strong pumps for maximum wear and abrasive resistance. The materials are FDA compliant materials.

Impeller Bowls are made from 304 stainless steel, maximizing wear from abrasion.

Shaft Coupling is made from 304 stainless steel for easy alignment to the motor shaft.

Strainer is made from stamped 304 stainless steel for rigidity.

Non-Return valve made from 304 stainless steel, fitted in the discharge to prevent any back flow of water and alleviate any water hammer to the pumps.

Pump Shaft is made from hex 304 stainless steel bar material for high corrosion resistance.

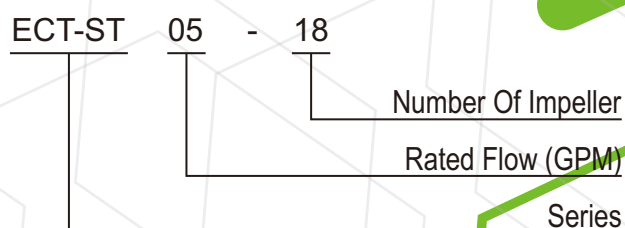
4" Bearing is made with Polyacetal for strong wear and abrasive resistance.

Pump body is covered by a 1.5mm(only 4") thick 304 polished stainless steel casing, ensures optimum resistance to abrasion.

APPLICATIONS

1. Water Supply
2. Irrigation
3. Pressure Boosting

MODEL CODE



Energy & Care Technology GmbH



ECT PUMP

ECT-4ST / ECT-6ST General Data

4" General Specifications Pump

1. Delivery: up to 27.8 m³/h at 3450 rpm
2. Head: up to 410m at 3450 rpm
3. Maximum permissible quantity of sand: 150g/m³
4. ECT-ST05 & ECT-ST07 & ECT-ST10 & ECT-ST13 & ECT-ST18 models 1¼" discharge.
5. ECT-ST25 model 1½" discharge.
6. ECT-ST35 & ECT-ST40 & ECT-ST55 & ECT-ST60 & ECT-ST80 models 2" discharge.
7. Motor Power : from 0.37 to 7.5 kw.

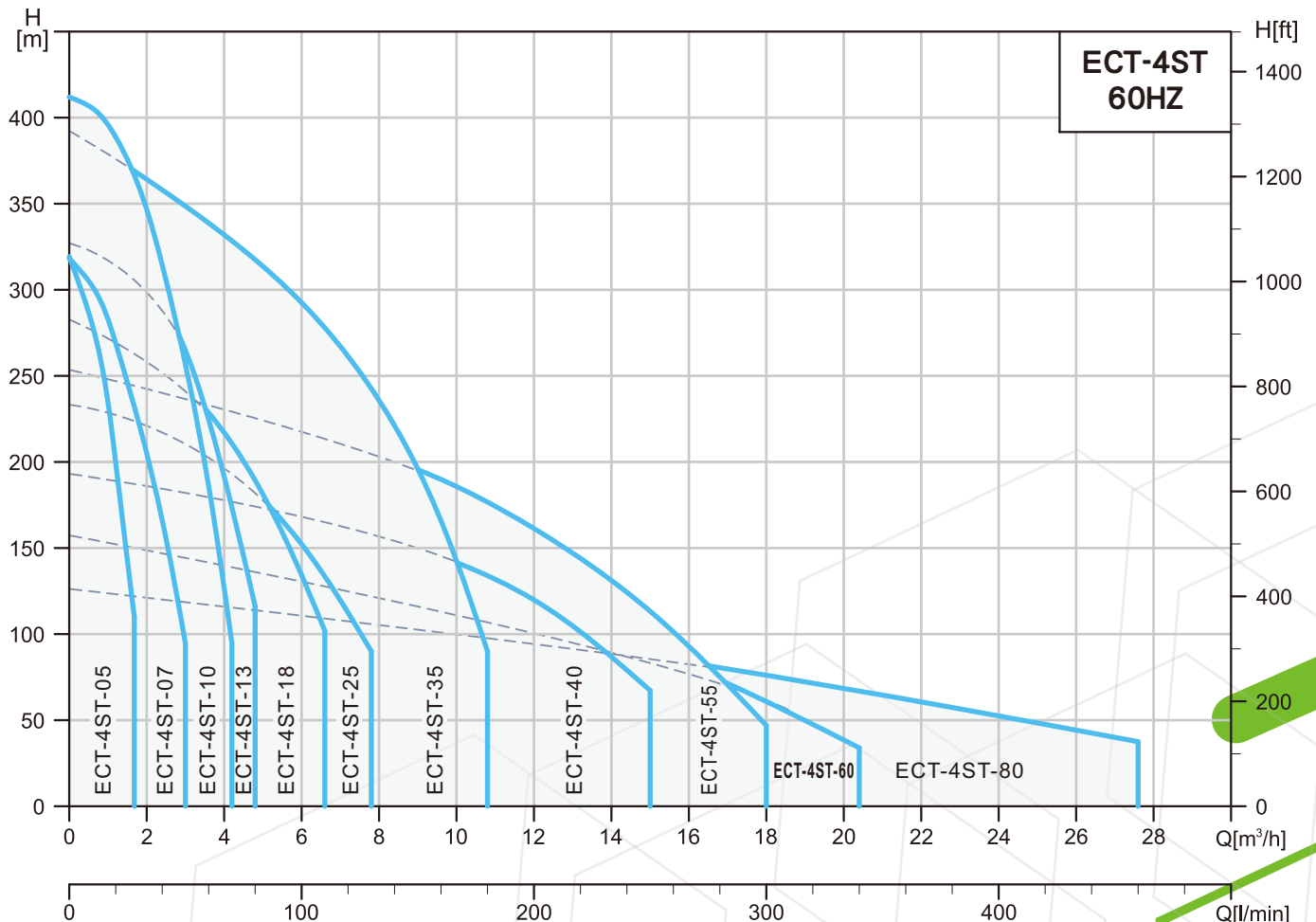
6" Description

The 6" submersible pumps for high pressures and flow rates, particularly equipped with a high rigidity **Silicon-Carbide (SiC) Bearing**, provide reliability and quality guaranteed.

6" General Specifications Pump

1. Delivery: up to 72 m³/h at 3450 rpm
2. Head: up to 430m at 3450 rpm
3. Maximum permissible quantity of sand: 60g/m³
4. ECT-ST50 & ECT-ST75 & ECT-ST135 & ECT-ST180 & ECT-ST220 models 3" discharge.

ECT-4ST



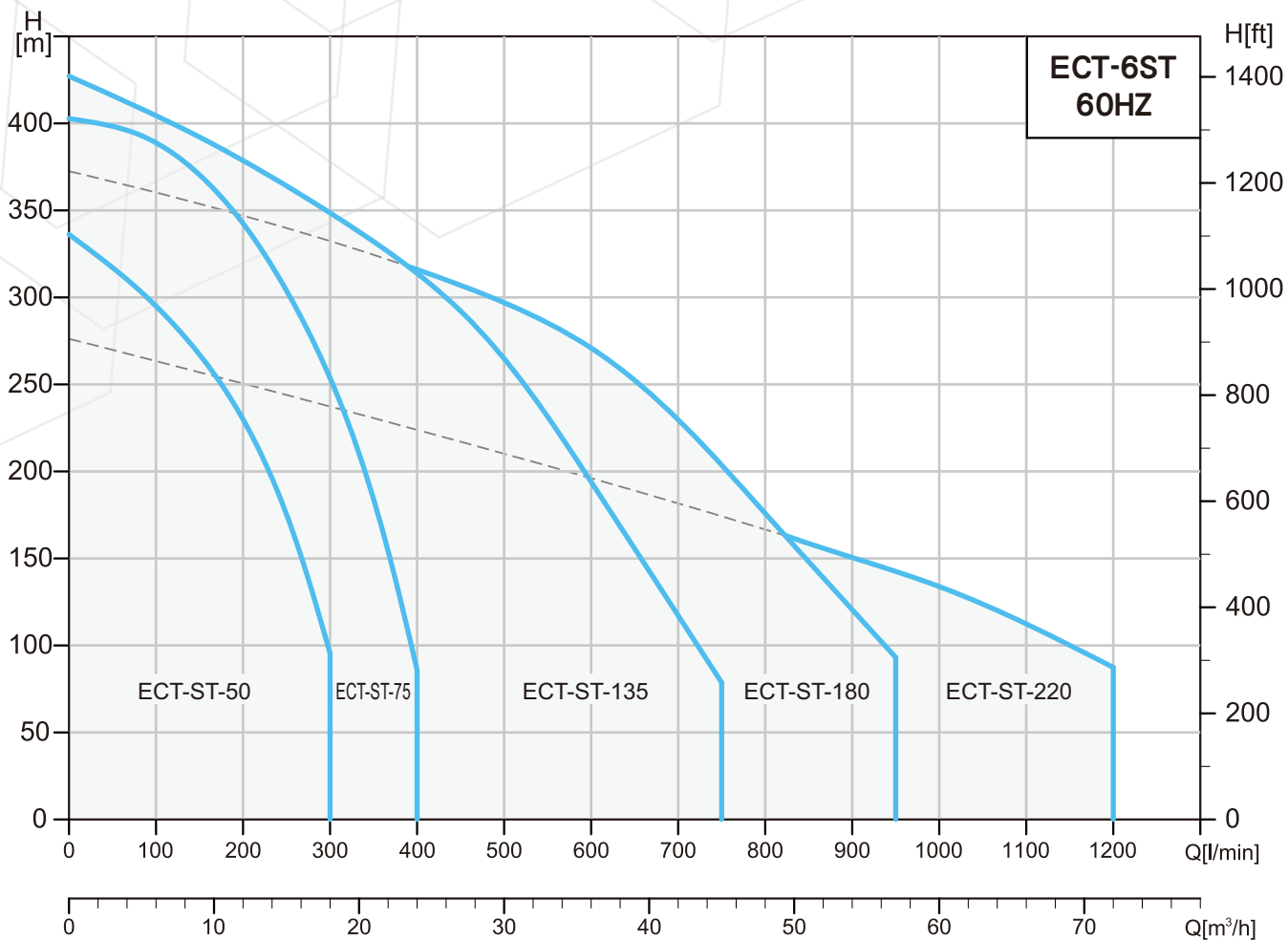


ECT PUMP

ECT-4ST / ECT-6ST

General Data

ECT-6ST

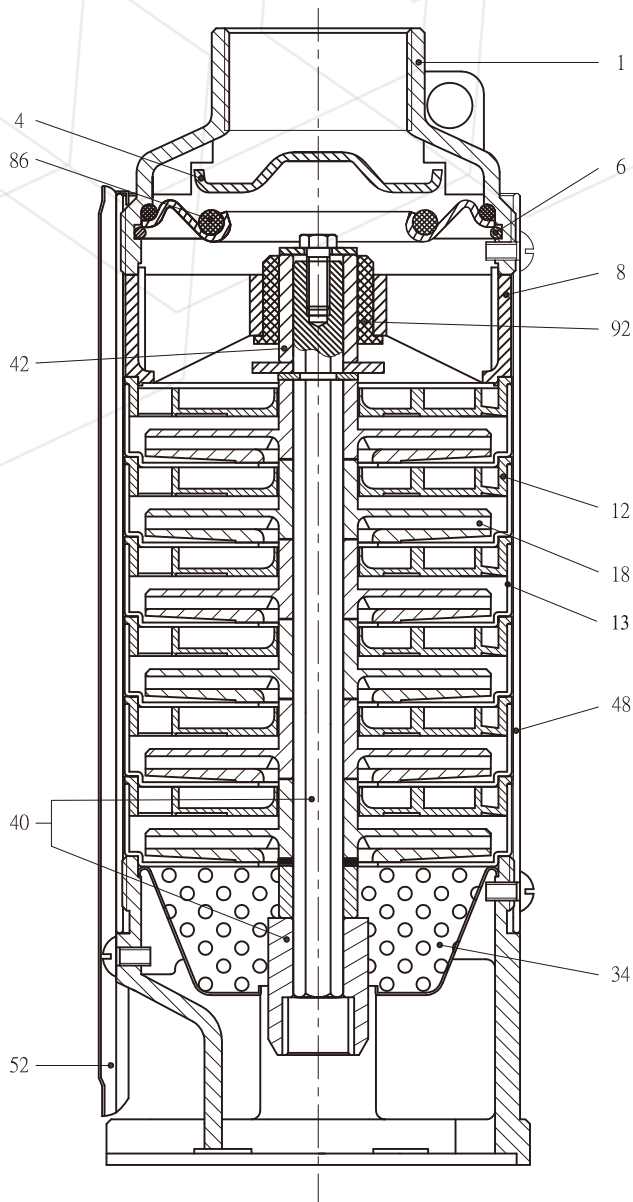




ECT PUMP

ECT-4ST General Data

ECT-4ST



Pos.	Part Name	Material
1	Discharge Head	AISI 304 SS
4	Check Valve Cone	AISI 304 SS
6	Check Valve retaining Ring	AISI 304 SS
8	Bearing Spider	Glass Filled Polycarbonate
12	Diffuser	Glass Filled Polycarbonate
13	Bowl	AISI 304 SS
18	Impeller	Noryl
34	Strainer	AISI 304 SS
40	Pump Shaft / Coupling	AISI 304 SS
42	Shaft Sleeve	AISI 304 SS or Noryl
48	Pump Casing	AISI 304 SS
52	Cable Guard	AISI 304 SS
86	O-Ring	NBR
92	Bearing	Polyacetal

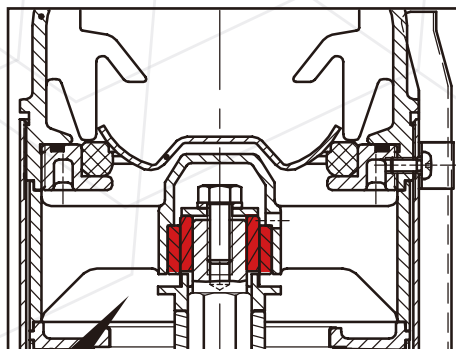
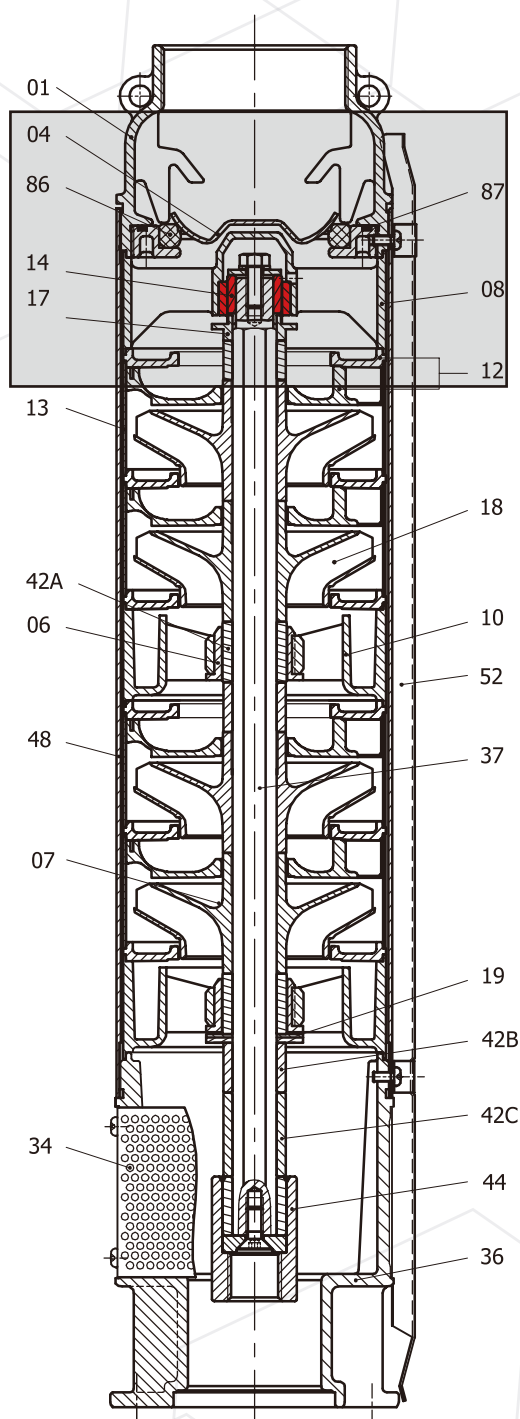
ECT-6ST

General Data



ECT PUMP

ECT-6ST



High rigidity **Silicon-Carbide(SiC) Bearing** ensure high corrosion resistance and provide long and dependable service life.

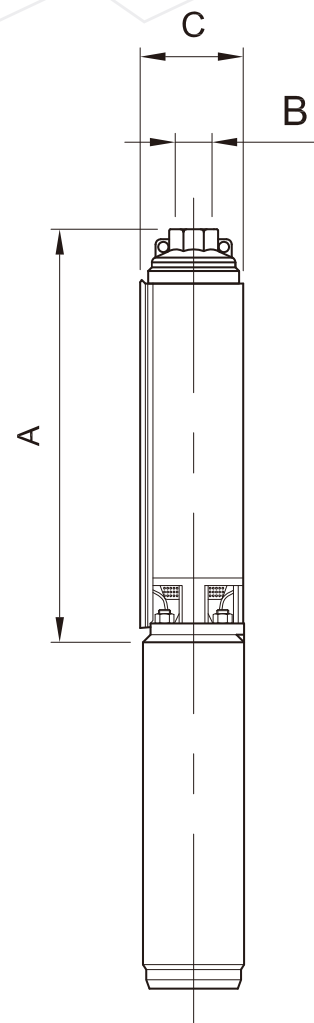
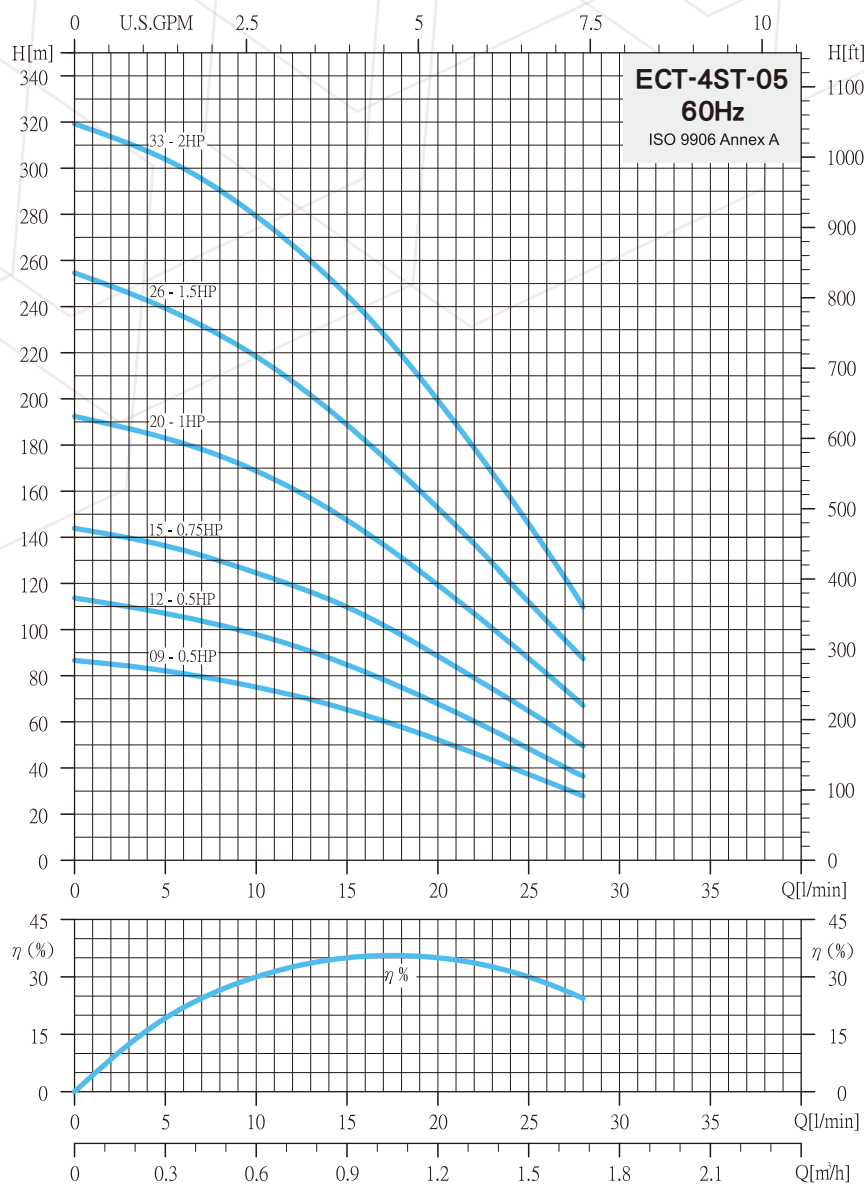
Pos.	Part Name	Material
1	Discharge	AISI304
4	Valve cone	AISI304
6	Bearing	POM+PTFE
7	Bearing	Bronze
8	Upper bearing spider	AISI304 + Silicon carbide
10	Bearing Spider	Noryl
12	Diffuser	Glass Filled Polycarbonate
13	Diffuser casing	AISI304
14	Bearing ring	Silicon carbide
17	Sleeve for baffle	AISI304
18	Impeller	Noryl
19	Counter thrust bearing plate	Carbon fiber + PTFE
34	Strainer	AISI304
36	Suction interconnector	AISI304
37	Pump shaft	AISI304
42A	Shaft sleeve	AISI304
42B	Shaft sleeve	Noryl
42C	Shaft sleeve	Noryl
44	Coupling	AISI304
48	Pump casing	AISI304
52	Cable guard	AISI304
86	Valve Seat	AISI304 + NBR
87	O-ring	NBR

ECT-4ST



ECT PUMP

Technical Data



Dimensions and Weights				
Pump Type	Dimensions(mm)			N.W (kg)
	A	B	C	PUMP
ECT-4ST-0509	306	RP : 1/4" NPT	98	3.1
ECT-4ST-0512	359		98	3.6
ECT-4ST-0515	411		98	4.1
ECT-4ST-0520	499		98	4.9
ECT-4ST-0526	642		98	5.8
ECT-4ST-0533	820		98	8.3

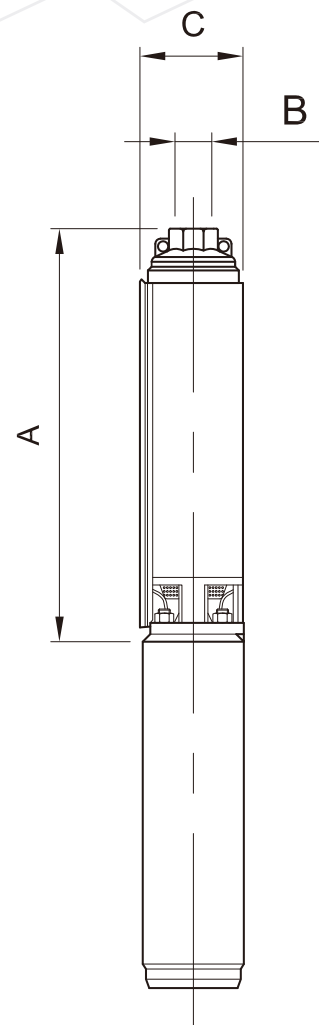
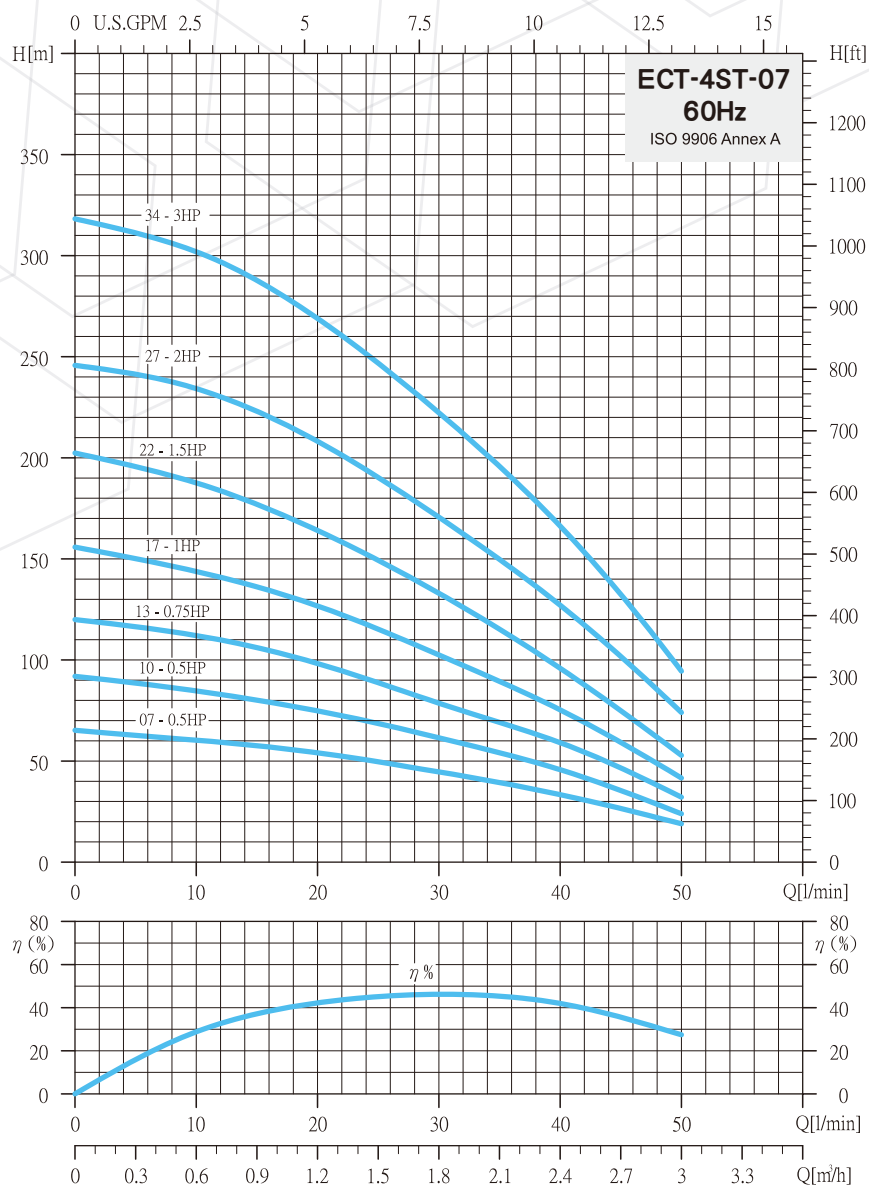
The ● means outer sleeve made by 2 pieces

ECT-4ST



ECT PUMP

Technical Data



Selection Chart												
PUMP TYPE	STAGES	MOTOR		Q=DELIVERY								
				H=TOTAL HEAD IN METERS								
		KW	HP	I/min 0	10	15	20	25	30	35	40	50
				m³/h 0	0.6	0.9	1.2	1.5	1.8	2.1	2.4	3.0
ECT-4ST-0707	7	0.37	0.5	66			57	54	49	44	39	33
ECT-4ST-0710	10	0.37	0.5	92			80	75	68	62	54	47
ECT-4ST-0713	13	0.55	0.75	120			106	98	89	79	69	59
ECT-4ST-0717	17	0.75	1.0	156			136	127	115	102	89	75
ECT-4ST-0722	22	1.1	1.5	203			177	165	150	133	115	97
ECT-4ST-0734	27	1.5	2.0	246			223	208	190	171	150	127
ECT-4ST-0734	34	2.2	3.0	318			288	269	247	223	196	167

Dimensions and Weights				
Pump Type	Dimensions(mm)			N.W (kg)
	A	B	C	
ECT-4ST-0707	275		98	2.7
ECT-4ST-0710	330		98	3.3
ECT-4ST-0713	385		98	3.8
ECT-4ST-0717	455	RP : 1/4" NPT	98	4.5
ECT-4ST-0722	545		98	5.4
ECT-4ST-0734	675		98	6.6
ECT-4ST-0734	858		98	9.3

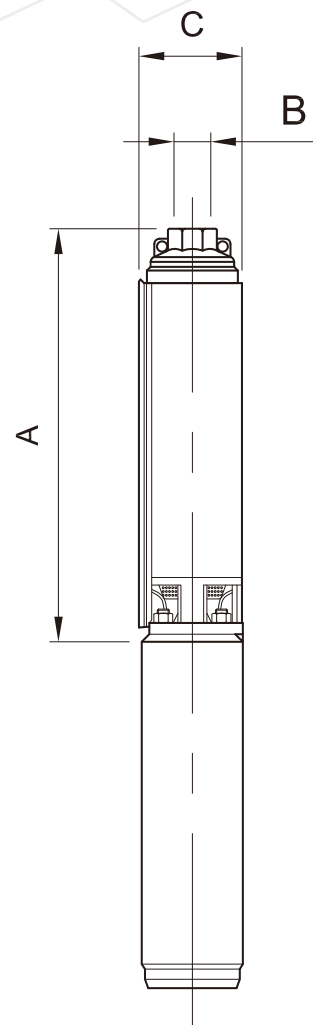
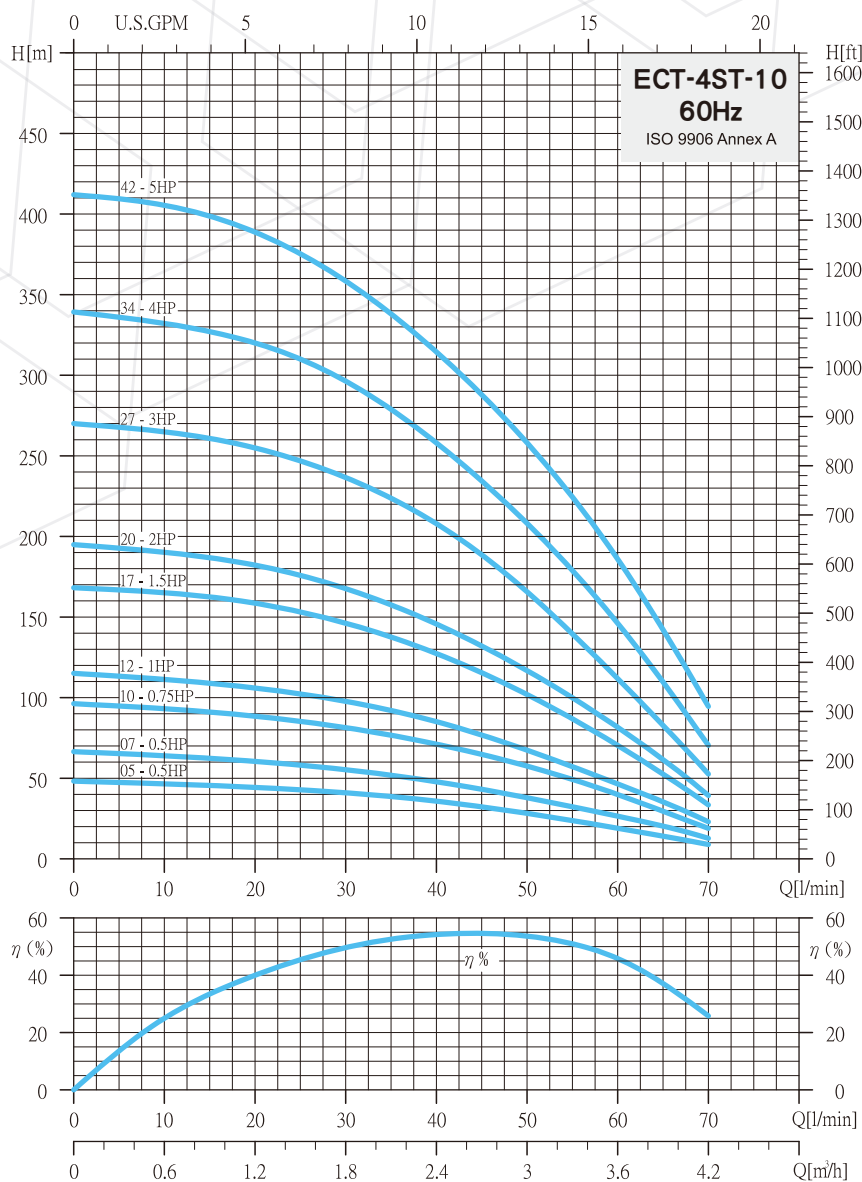
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Technical Data



Selection Chart													
PUMP TYPE	STAGES	MOTOR		Q=DELIVERY									
				l/min 0	15	20	25	30	35	40	50	60	70
		KW	HP	m ³ /h 0	0.9	1.2	1.5	1.8	2.1	2.4	3.0	3.6	4.2
				H=TOTAL HEAD IN METERS									
ECT-4ST-1005	5	0.37	0.5	48		44	42	40	38	36	29	19	9
ECT-4ST-1007	7	0.37	0.5	67		60	58	55	52	49	39	27	13
ECT-4ST-1010	10	0.55	0.75	96		89	85	81	77	71	58	40	19
ECT-4ST-1012	12	0.75	1.0	115		106	102	98	92	85	68	47	23
ECT-4ST-1017	17	1.1	1.5	168		159	152	147	138	128	102	70	35
ECT-4ST-1020	20	1.5	2.0	195		181	177	168	158	146	118	82	40
ECT-4ST-1027	27	2.2	3.0	270		255	247	237	223	209	167	111	53
ECT-4ST-1034	34	3.0	4.0	339		320	310	296	280	259	209	146	70
ECT-4ST-1042	42	3.7	5.0	412		389	375	358	338	315	258	186	95

Dimensions and Weights				
Pump Type	Dimensions(mm)			N.W (kg)
	A	B	C	
ECT-4ST-1005	236	RP : 1 1/4" NPT	98	2.5
ECT-4ST-1007	271		98	2.8
ECT-4ST-1010	324		98	3.3
ECT-4ST-1012	359		98	3.6
ECT-4ST-1017	447		98	4.4
ECT-4ST-1020	499		98	4.9
ECT-4ST-1027	660		98	6.0
ECT-4ST-1034	840		98	8.5
ECT-4ST-1042	980		98	9.8

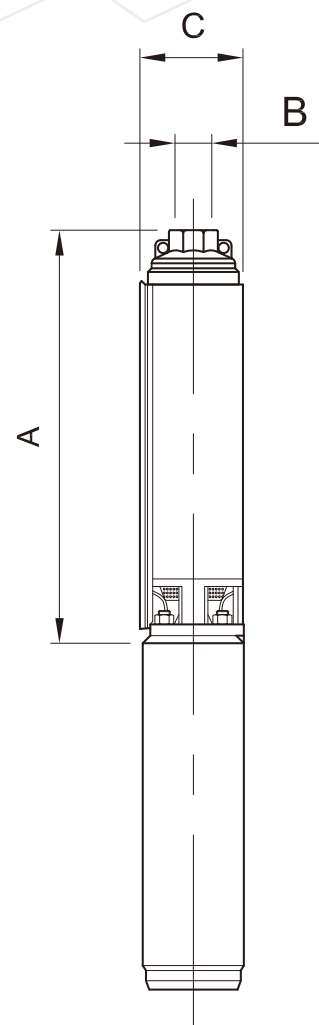
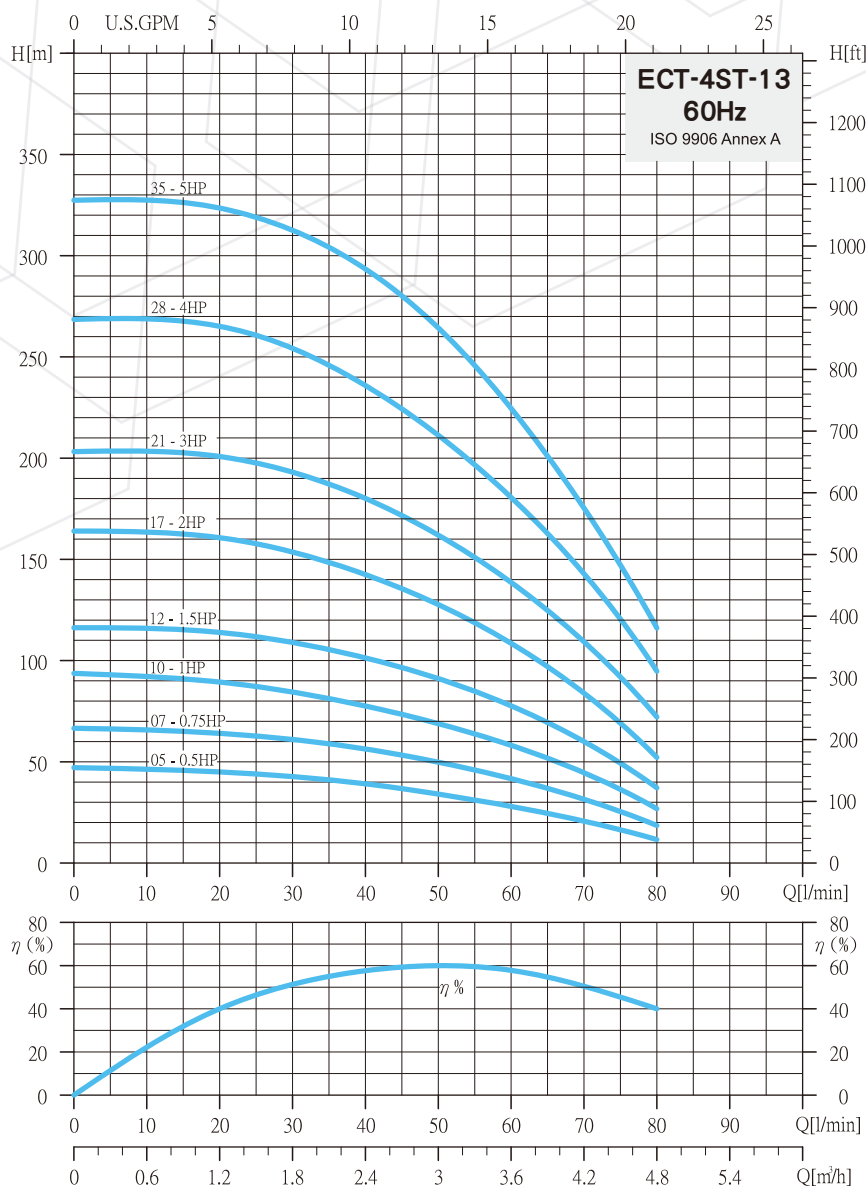
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ECT-4ST



ECT PUMP

Technical Data



Selection Chart												
PUMP TYPE	STAGES	MOTOR		Q=DELIVERY								
				H=TOTAL HEAD IN METERS								
		KW	HP	I/min 0	25	30	35	40	50	60	70	80
				m³/h 0	1.5	1.8	2.1	2.4	3.0	3.6	4.2	4.8
ECT-4ST-1305	5	0.37	0.5	47		42	40	39	34	28	21	12
ECT-4ST-1307	7	0.55	0.75	67		61	59	57	50	41	31	19
ECT-4ST-1310	10	0.75	1.0	94		85	81	78	69	58	45	28
ECT-4ST-1312	12	1.1	1.5	116		109	106	102	91	78	60	38
ECT-4ST-1317	17	1.5	2.0	165		154	148	143	128	109	83	53
ECT-4ST-1321	21	2.2	3.0	204		193	187	180	162	139	110	72
ECT-4ST-1328	28	3.0	4.0	269		254	246	236	211	180	142	96
ECT-4ST-1335	35	3.7	5.0	327		312	304	292	264	223	175	117

Dimensions and Weights				
Pump Type	Dimensions(mm)			N.W (kg)
	A	B	C	
ECT-4ST-1305	236	RP : 1/4" NPT	98	2.5
ECT-4ST-1307	271		98	2.8
ECT-4ST-1310	324		98	3.2
ECT-4ST-1312	359		98	3.5
ECT-4ST-1317	447		98	4.3
ECT-4ST-1321	519		98	5
ECT-4ST-1328	679		98	6
ECT-4ST-1335	857		98	8.6

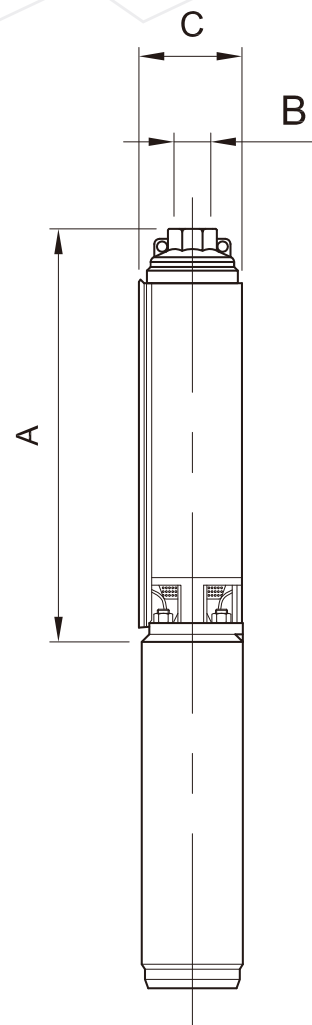
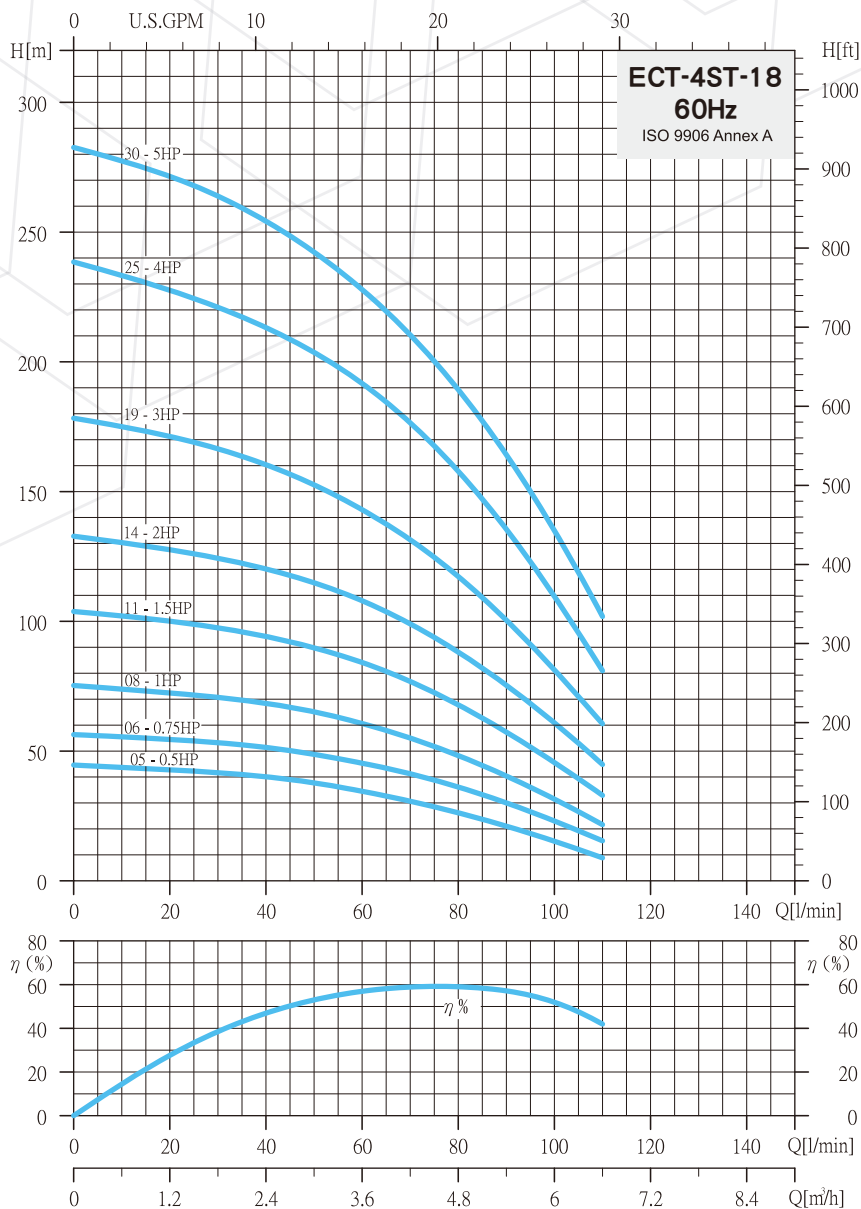
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Technical Data



Selection Chart														
PUMP TYPE	STAGES	MOTOR		Q=DELIVERY										
				l/min 0	30	35	40	50	60	70	80	90	100	110
		KW	HP	m³/h 0	1.8	2.1	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6
				H=TOTAL HEAD IN METERS										
ECT-4ST-1805	5	0.37	0.5	45		41	40	38	35	31	27	21	15	9
ECT-4ST-1806	6	0.55	0.75	56		53	52	49	45	41	37	30	23	16
ECT-4ST-1808	8	0.75	1.0	75		70	68	65	61	55	49	41	32	22
ECT-4ST-1811	11	1.1	1.5	104		96	94	90	84	77	68	58	46	33
ECT-4ST-1814	14	1.5	2.0	133		123	120	115	108	99	88	75	61	45
ECT-4ST-1819	19	2.2	3.0	178		164	160	153	143	131	117	100	81	61
ECT-4ST-1825	25	3.0	4.0	238		217	213	204	192	176	158	136	110	81
ECT-4ST-1830	30	3.7	5.0	283		260	254	242	228	210	189	164	135	102

Dimensions and Weights				
Pump Type	Dimensions(mm)			N.W (kg)
	A	B	C	
ECT-4ST-1805	257	RP : 1/4" NPT:	98	2.7
ECT-4ST-1806	279		98	2.8
ECT-4ST-1808	322		98	3.1
ECT-4ST-1811	387		98	3.5
ECT-4ST-1814	452		98	4.1
ECT-4ST-1819	560		98	4.9
ECT-4ST-1825	763		98	6.9
ECT-4ST-1830	885		98	8.1

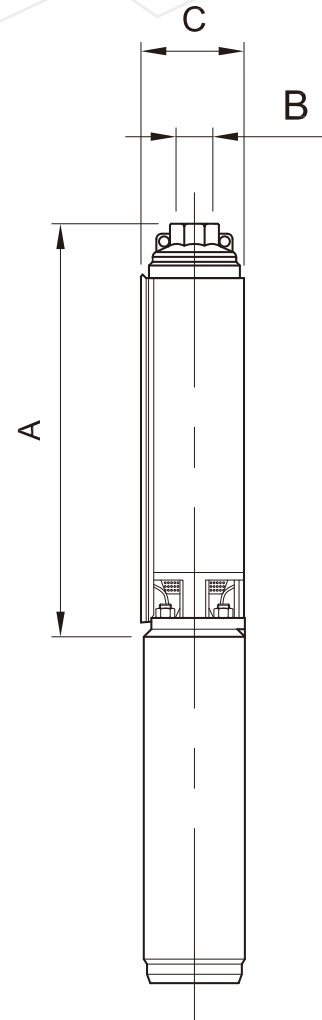
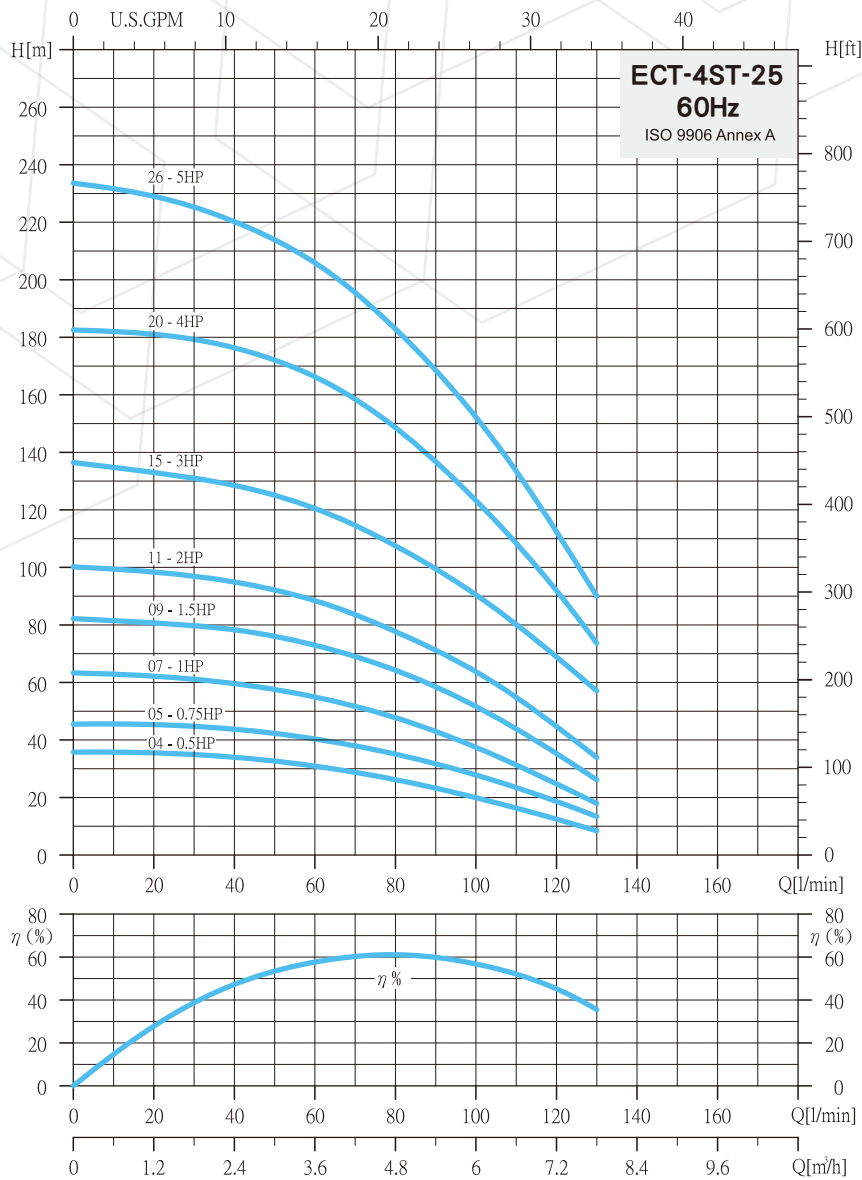
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Technical Data

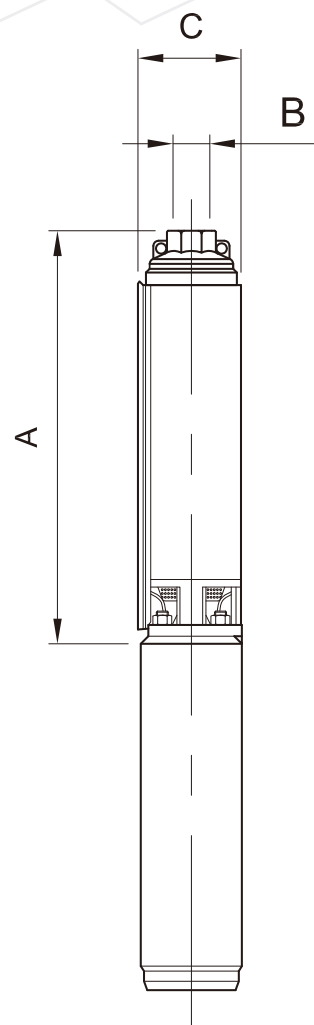
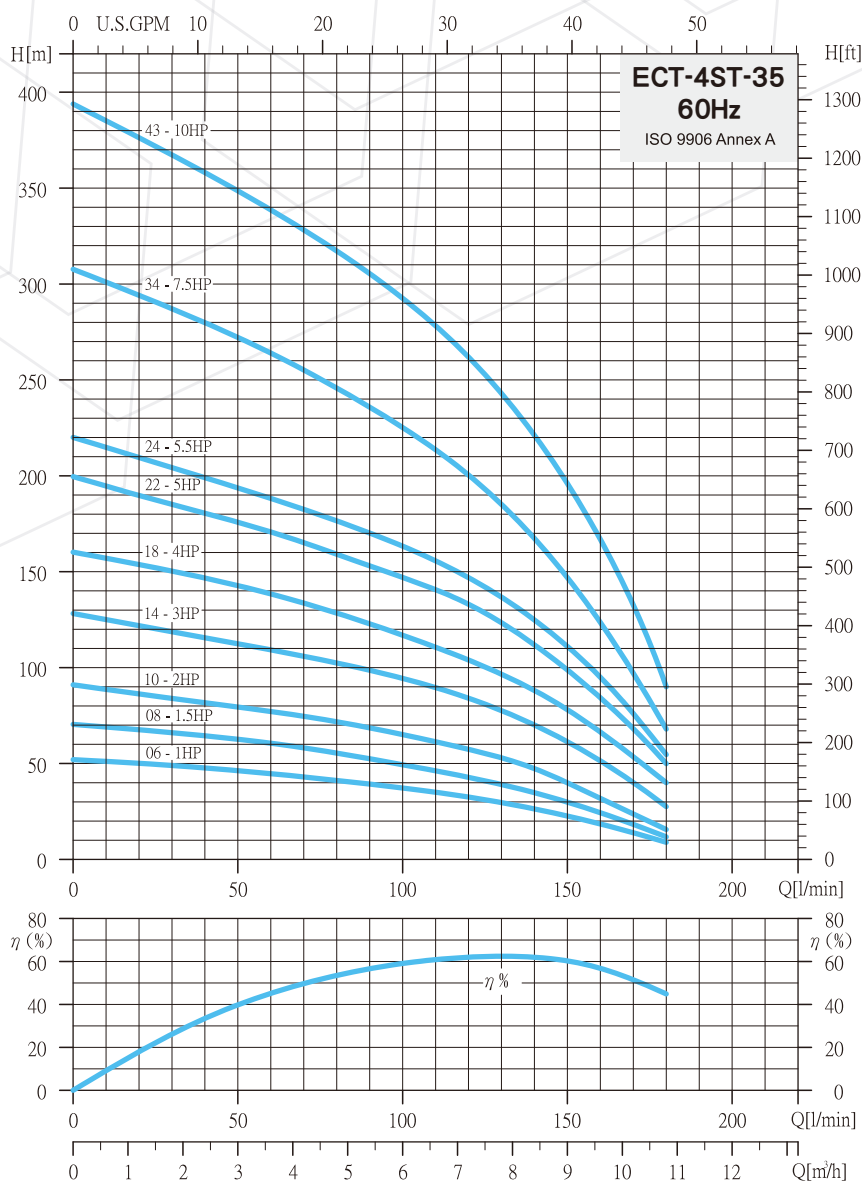


Selection Chart												
PUMP TYPE	STAGES	MOTOR		Q=DELIVERY								
				l/min 0	40	50	60	70	80	90	100	120
		KW	HP	m³/h 0	2.4	3.0	3.6	4.2	4.8	5.4	6.0	7.2
				H=TOTAL HEAD IN METERS								
ECT-4ST-2504	4	0.37	0.5	36		33	31	29	27	23	20	12
ECT-4ST-2505	5	0.55	0.75	46		42	40	38	35	32	28	19
ECT-4ST-2507	7	0.75	1.0	63		58	55	52	48	43	37	25
ECT-4ST-2509	9	1.1	1.5	82		76	73	69	64	58	52	35
ECT-4ST-2511	11	1.5	2.0	100		92	88	84	78	71	64	45
ECT-4ST-2515	15	2.2	3.0	136		125	121	115	107	100	90	69
ECT-4ST-2520	20	3	4.0	183		172	166	158	148	137	122	92
ECT-4ST-2526	26	3.7	5.0	234		214	206	196	183	169	152	112

Dimensions and Weights				
Pump Type	Dimensions(mm)			N.W (kg)
	A	B	C	
ECT-4ST-2504	247	RP : 1 1/2" NPT	98	2.4
ECT-4ST-2505	272		98	2.6
ECT-4ST-2507	320		98	3.1
ECT-4ST-2509	370		98	3.5
ECT-4ST-2511	419		98	3.9
ECT-4ST-2515	518		98	4.7
ECT-4ST-2520	679		98	5.8
ECT-4ST-2526	864		98	8.1



Technical Data



Selection Chart														
PUMP TYPE	STAGES	MOTOR		Q=DELIVERY										
				l/min 0	50	60	70	80	90	100	120	140	160	180
		KW	HP	m³/h 0	3.0	3.6	4.2	4.8	5.4	6.0	7.2	8.4	9.6	10.8
				H=TOTAL HEAD IN METERS										
ECT-4ST-3506	6	0.75	1	52		44	43	42	40	38	33	27	18	9
ECT-4ST-3508	8	1.1	1.5	70		60	58	55	52	50	43	35	24	12
ECT-4ST-3510	10	1.5	2.00	91		77	75	72	69	65	58	48	32	17
ECT-4ST-3514	14	2.2	3.00	128		109	106	102	99	94	83	70	51	29
ECT-4ST-3518	18	3.0	4.0	160		139	133	129	123	117	104	89	67	40
ECT-4ST-3522	22	3.7	5.0	200		170	165	159	152	147	132	111	84	50
ECT-4ST-3524	24	4.0	5.5	220		189	182	177	170	162	148	125	95	55
ECT-4ST-3534	34	5.5	7.5	308		263	255	246	236	225	200	167	122	69
ECT-4ST-3543	43	7.5	10	394		339	328	317	305	292	261	220	167	90

Dimensions and Weights				
Pump Type	Dimensions(mm)			N.W (kg)
	A	B	C	
ECT-4ST-3506	359	RP : 2"	98	3.4
ECT-4ST-3508	421		98	4.0
ECT-4ST-3510	483		98	4.6
ECT-4ST-3514	607		98	5.7
ECT-4ST-3518	731		98	6.9
ECT-4ST-3522	893		98	8.1
ECT-4ST-3524	993		98	9.7
ECT-4ST-3534	1325		98	12.6
ECT-4ST-3543	1676		98	15.2

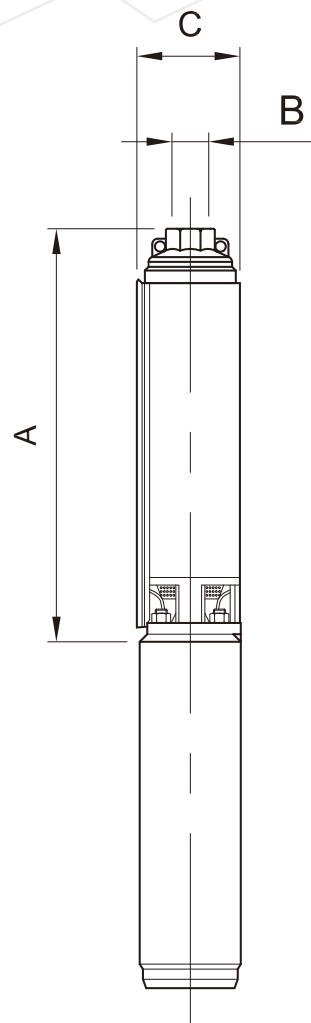
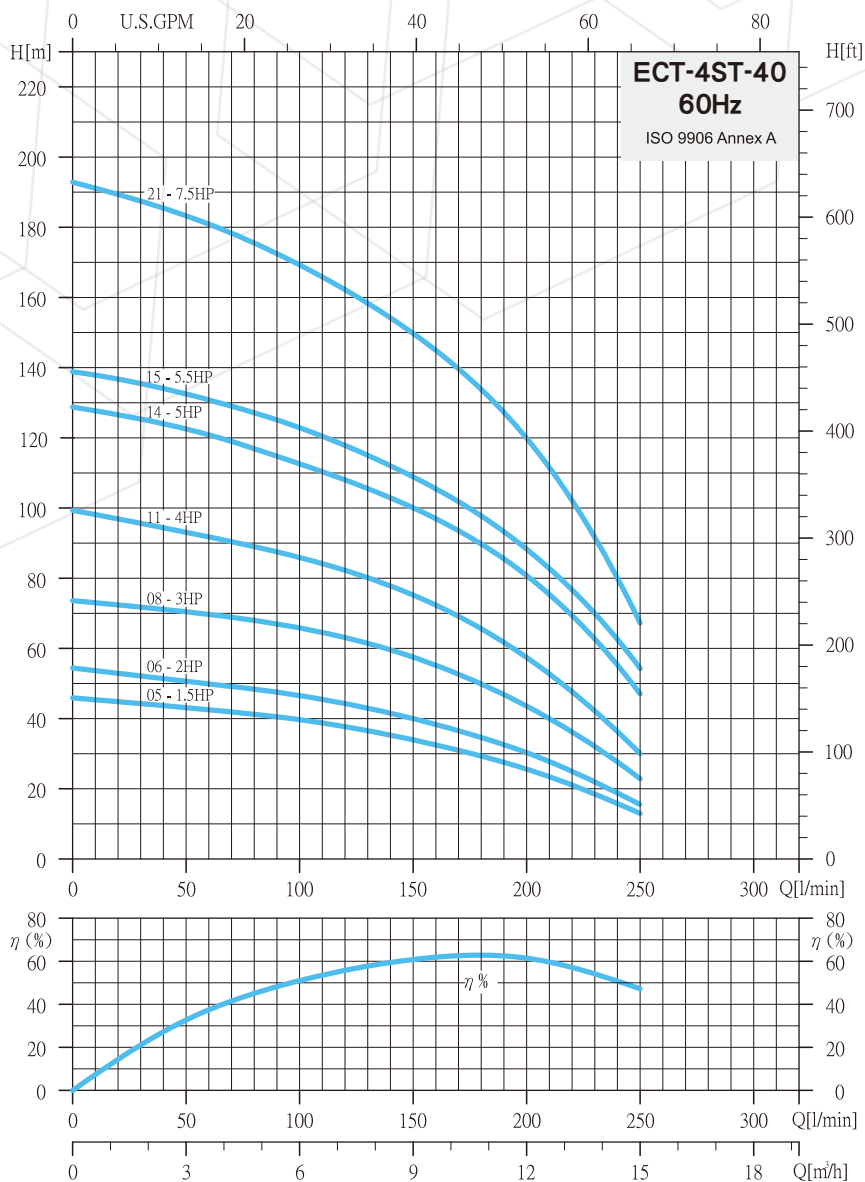
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PUMP TYPE	STAGES	MOTOR		Q=DELIVERY											
				H=TOTAL HEAD IN METERS											
		KW	HP	l/min 0	60	70	80	90	100	120	140	160	180	200	250
ECT-4ST-4005	5	1.1	1.5	46		42	41	40	39	37	35	33	29	25	14
ECT-4ST-4006	6	1.5	2.0	55		49	48	47	47	45	42	38	35	30	17
ECT-4ST-4008	8	2.2	3.0	74		69	68	67	66	63	60	56	50	43	24
ECT-4ST-4011	11	3.0	4.0	100		91	88	87	86	83	78	73	66	58	30
ECT-4ST-4014	14	3.7	5.0	129		118	116	115	113	108	103	97	90	81	48
ECT-4ST-4015	15	4.0	5.5	139		128	126	125	123	118	113	105	97	88	55
ECT-4ST-4021	21	5.5	7.5	194		178	175	173	169	162	154	145	134	120	68

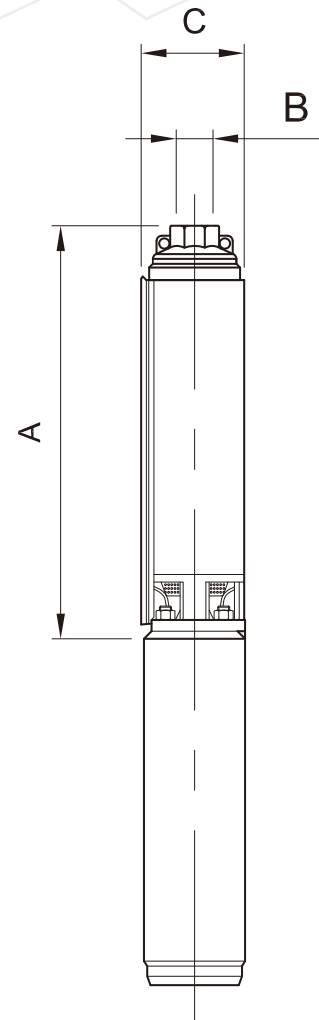
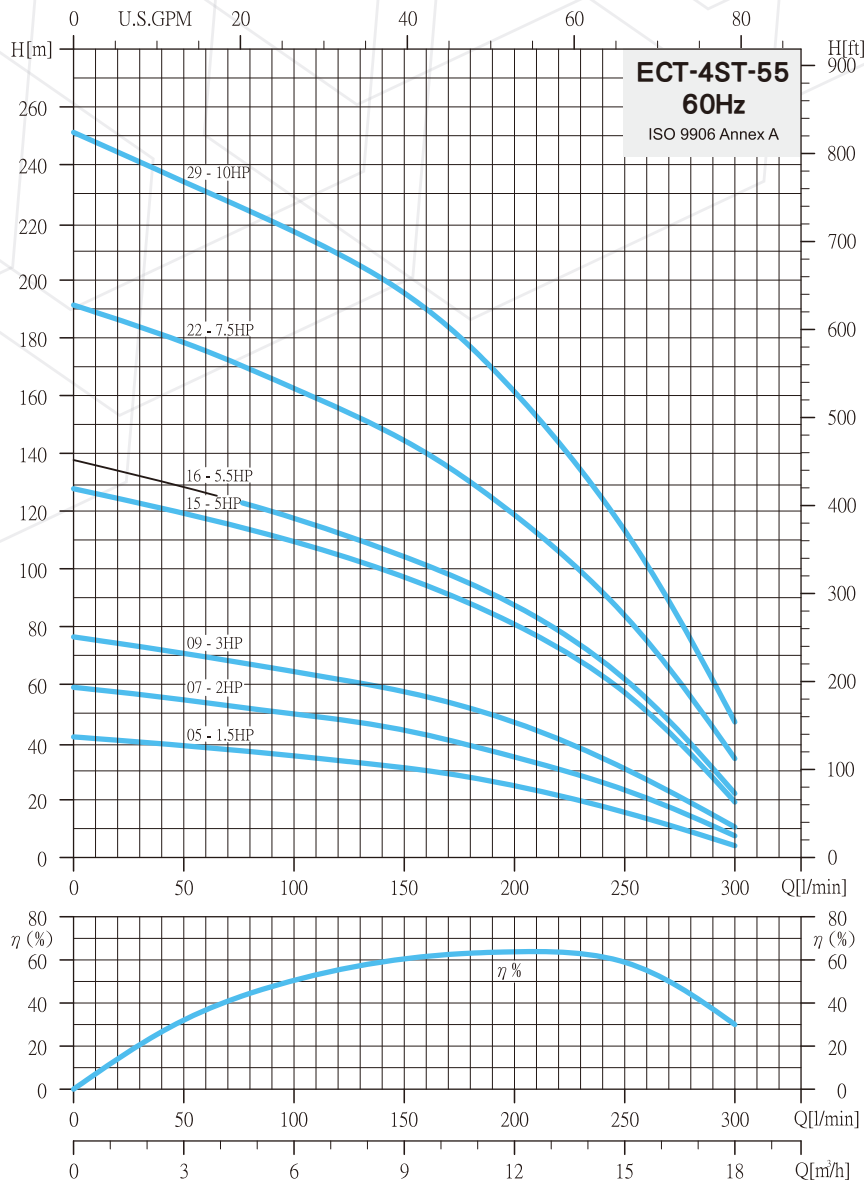
Dimensions and Weights				
Pump Type	Dimensions(mm)			N.W (kg)
	A	B	C	
ECT-4ST-4005	325	RP NPT : 2"	98	3.1
ECT-4ST-4006	356		98	3.4
ECT-4ST-4008	418		98	4.0
ECT-4ST-4011	511		98	4.9
ECT-4ST-4014	604		98	5.7
ECT-4ST-4015	638		98	6.0
ECT-4ST-4021	859		98	7.8

ECT-4ST



ECT PUMP

Technical Data



Selection Chart																
PUMP TYPE	STAGES	MOTOR		Q=DELIVERY												
				H-TOTAL HEAD IN METERS												
		KW	HP	l/min 0	70	80	90	100	120	140	160	180	200	220	240	300
ECT-4ST-5505	5	1.1	1.5	42		38	37	36	34	32	30	28	25	22	18	5
ECT-4ST-5507	7	1.5	2.0	59		52	51	50	48	46	43	40	36	31	26	8
ECT-4ST-5509	9	2	3.0	76		67	66	64	62	59	56	52	47	42	35	11
ECT-4ST-5515	15	3.7	5.0	128		113	112	109	105	100	94	88	80	72	63	20
ECT-4ST-5516	16	4.0	5.5	137		122	120	117	112	107	101	95	88	79	68	23
ECT-4ST-5522	22	5.5	7.5	191		169	166	162	156	149	140	131	118	106	91	35
ECT-4ST-5529	29	7.5	10	251		225	221	218	209	200	190	177	161	144	125	48

Dimensions and Weights			
Pump Type	Dimensions(mm)		
	A	B	C
ECT-4ST-5505	433		98
ECT-4ST-5507	537		98
ECT-4ST-5509	641		98
ECT-4ST-5515	953		98
ECT-4ST-5516	1005		98
ECT-4ST-5522	1410		98
ECT-4ST-5529	1775		98

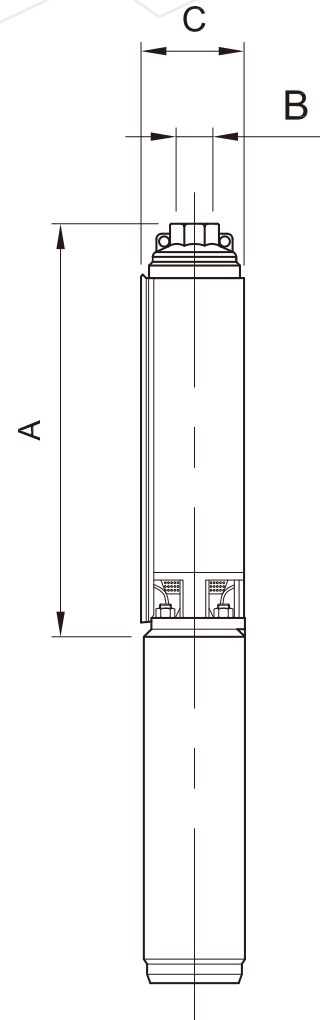
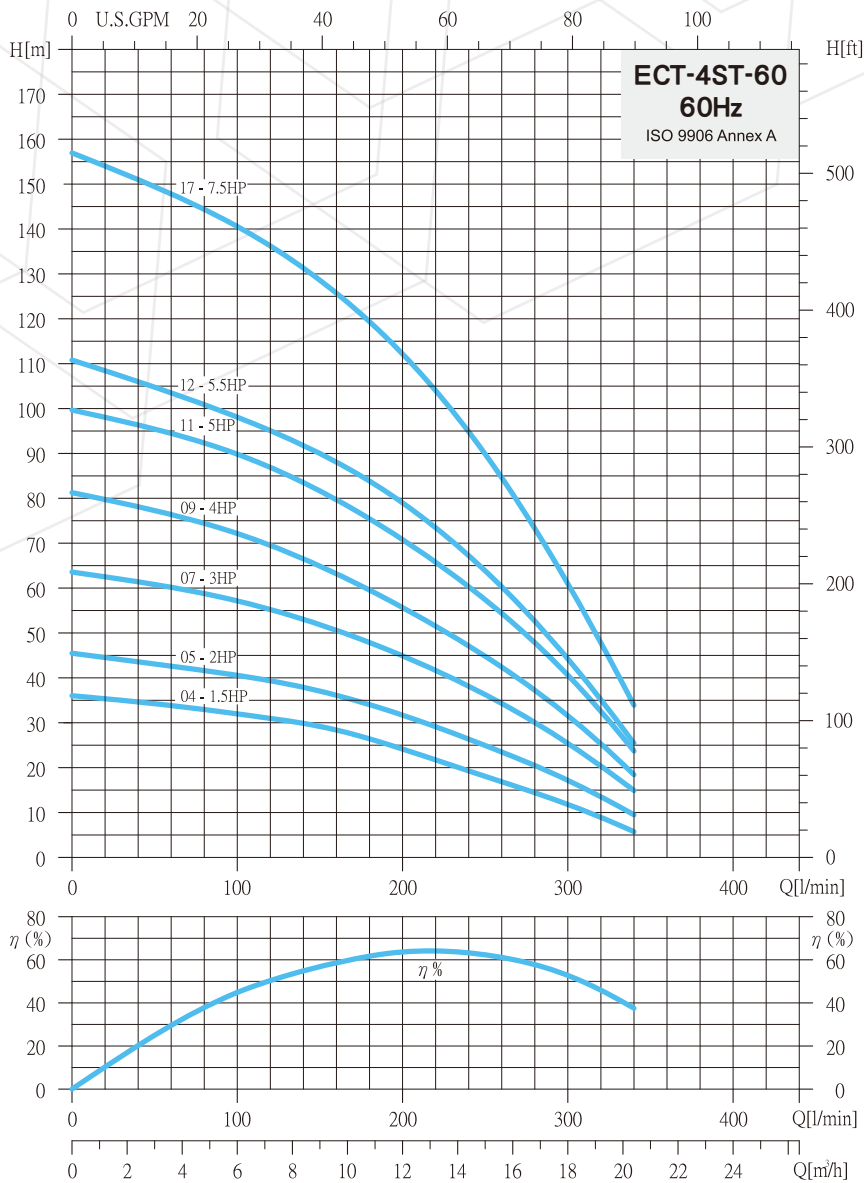
The ● means outer sleeve made by 2 pieces



ECT PUMP

ECT-4ST

Technical Data



Selection Chart																	
PUMP TYPE	STAGES	MOTOR		Q=DELIVERY													
				H=TOTAL HEAD IN METERS													
		KW	HP	l/min 0	90	100	120	140	160	180	200	220	240	260	280	300	340
				m³/h 0	5.4	6.0	7.2	8.4	9.6	10.8	12	13.2	14.4	15.6	16.8	18	20.4
ECT-4ST-6004	4	1.1	1.5	36		32	31	30	28	26	24	22	19	17	14	12	6
ECT-4ST-6005	5	1.5	2.0	46		41	39	37	36	34	32	29	26	23	20	17	9
ECT-4ST-6007	7	2.2	3.0	64		57	55	53	51	48	45	42	38	34	30	25	15
ECT-4ST-6009	9	3.0	4.0	82		72	69	67	64	60	56	52	47	42	37	32	18
ECT-4ST-6011	11	3.7	5.0	100		90	87	83	80	75	71	67	60	54	48	41	24
ECT-4ST-6012	12	4.0	5.5	110		98	95	92	88	84	78	73	67	60	55	44	26
ECT-4ST-6017	17	5.5	7.5	157		140	136	131	126	119	112	104	95	85	73	61	35

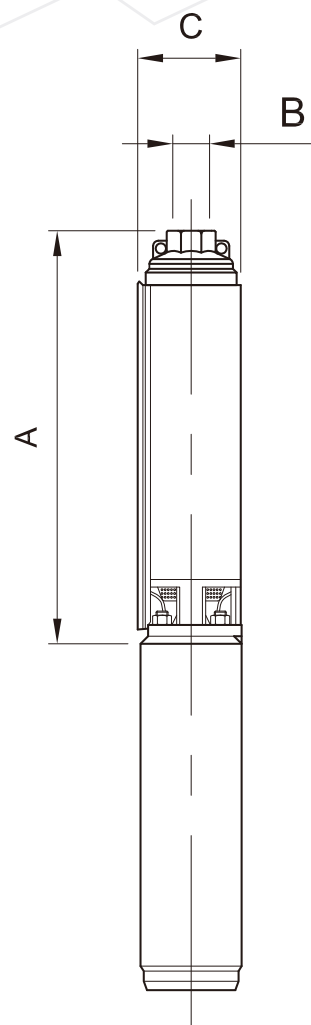
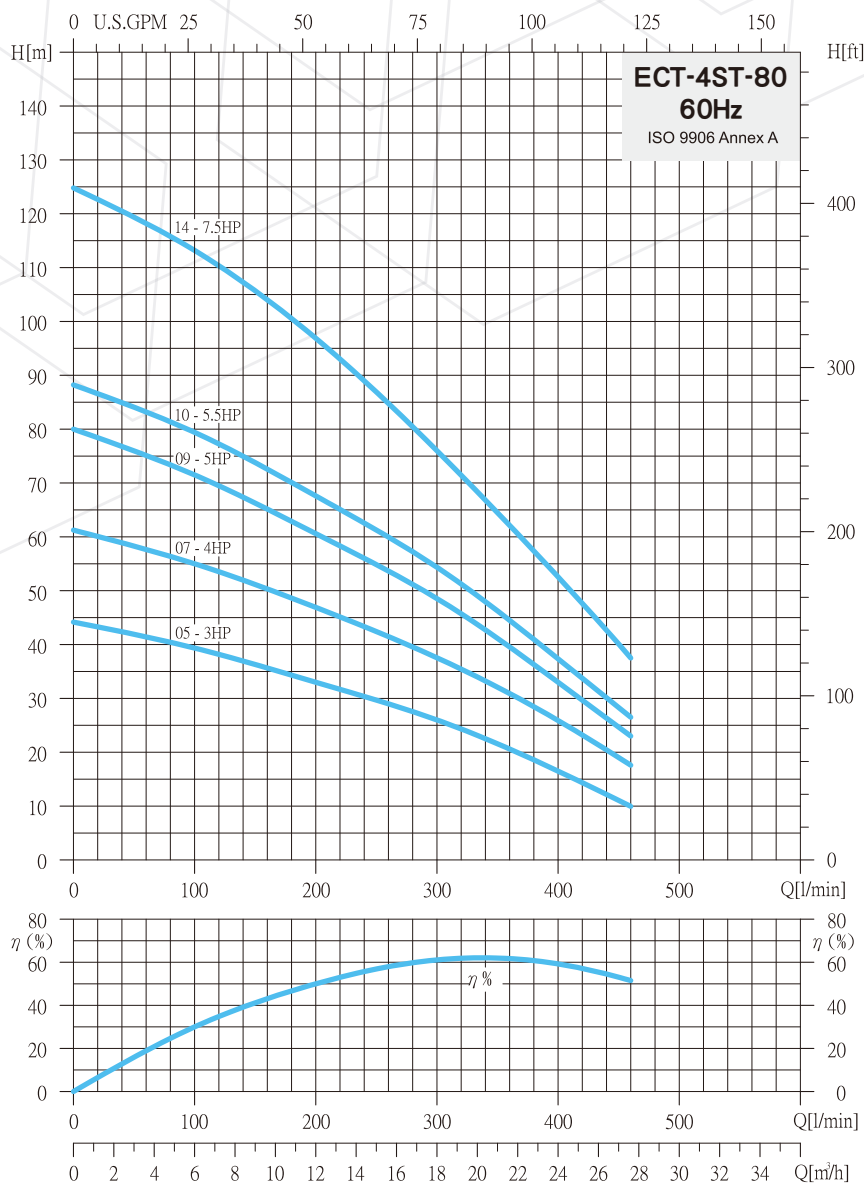
Dimensions and Weights				
Pump Type	Dimensions(mm)			N.W (kg)
	A	B	C	
ECT-4ST-6004	378	RP : 2" NPT	98	3.9
ECT-4ST-6005	430		98	4.4
ECT-4ST-6007	534		98	5.3
ECT-4ST-6009	638		98	6.3
ECT-4ST-6011	742		98	7.2
ECT-4ST-6012	797		98	7.7
ECT-4ST-6017	1092		98	10.1

ECT-4ST

Technical Data



ECT PUMP



Selection Chart																		
PUMP TYPE	STAGES	MOTOR		Q=DELIVERY														
				l/min	0	140	160	180	200	220	240	260	280	300	340	380	420	460
		KW	HP	m³/h	0	8.4	9.6	10.8	12	13.2	14.4	15.6	16.8	18	20.4	22.8	25.2	27.6
				H=TOTAL HEAD IN METERS														
ECT-4ST-8005	5	2.2	3.0	44		36	34	33	32	30	29	28	26	23	19	14	10	
ECT-4ST-8007	7	3.0	4.0	61		50	49	47	45	43	41	40	38	33	28	23	18	
ECT-4ST-8009	9	3.7	5.0	80		65	63	61	58	56	54	51	49	43	36	30	23	
ECT-4ST-8010	10	4.0	5.5	88		73	70	68	65	63	60	57	54	48	41	34	27	
ECT-4ST-8014	14	5.5	7.5	126		104	101	97	93	89	85	80	76	67	62	48	38	

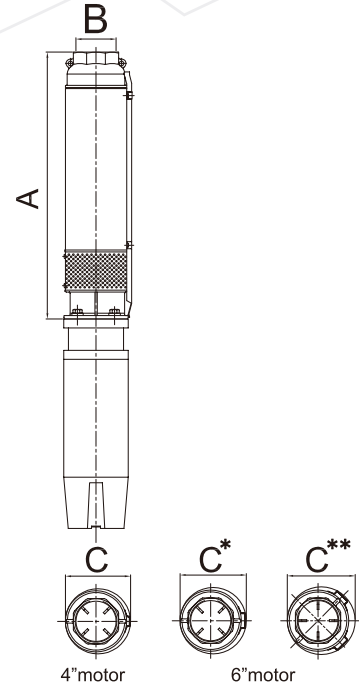
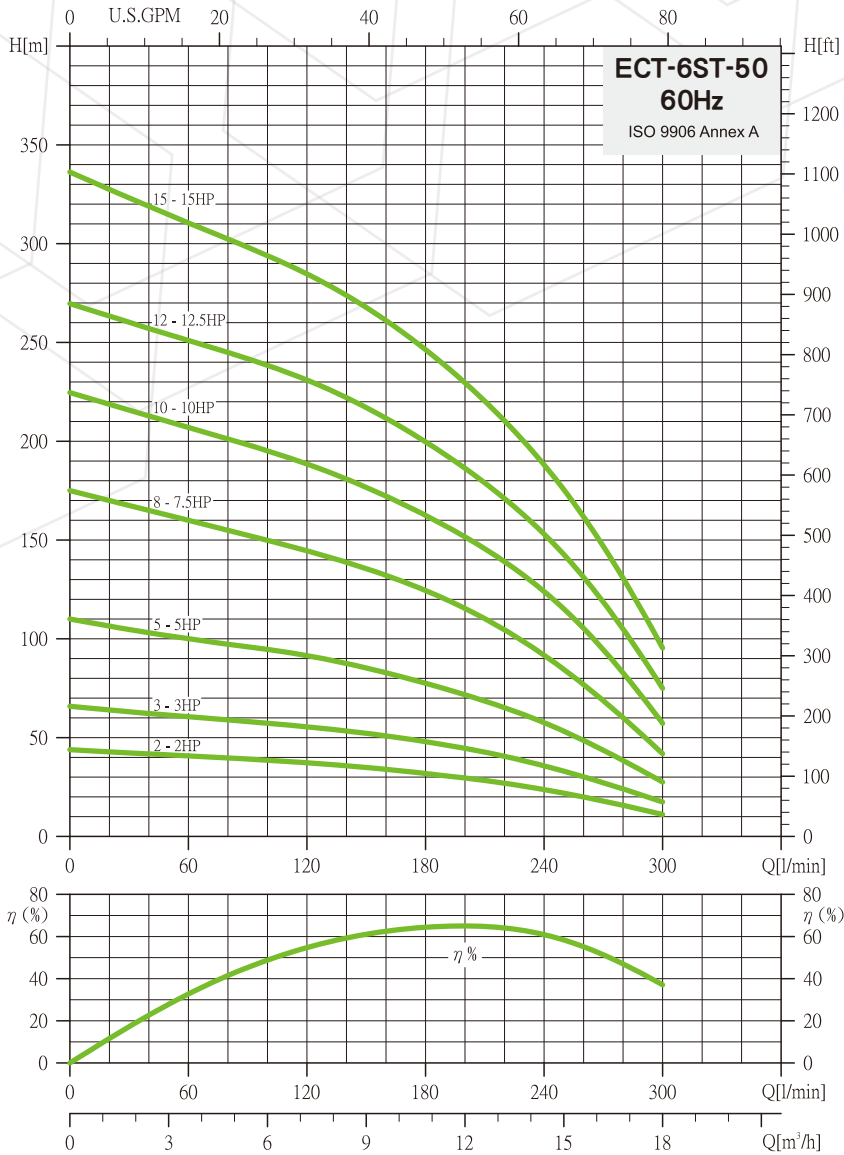
Dimensions and Weights				
Pump Type	Dimensions(mm)			N.W (kg)
	A	B	C	
ECT-4ST-8005	472	RP : 2"	98	4.4
ECT-4ST-8007	608		98	5.6
ECT-4ST-8009	743		98	6.9
ECT-4ST-8010	814		98	7.5
ECT-4ST-8014	1081		98	9.9

ECT-6ST

Technical Data



ECT PUMP



Dimensions and weights

60Hz											
Pump type	Motor			Dimensions(mm)							Weight(kg)
	Power		Type	A	B	C	CⅡ	CⅢ	Pump		
	kW	HP									
50-2	1.5	2	4"	425	NPT3"	138				8.2	
50-3	2.2	3	4"	463		138				8.9	
50-5	3.7	5	4"	539		138				10.3	
50-8	5.5	7.5	4"	653		138				12.5	
50-10	7.5	10	4"	729		138				13.8	
50-8	5.5	7.5	6"	667	RP3"		141	144		13.2	
50-10	7.5	10	6"	743			141	144		14.6	
50-12	9.3	12.5	6"	819			141	144		15.9	
50-15	11	15	6"	933			141	144		17.8	

Selection Chart

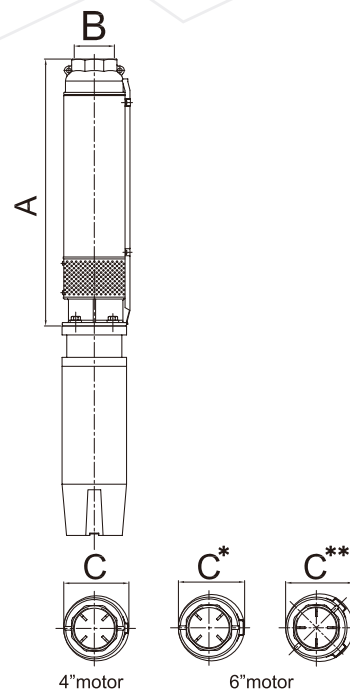
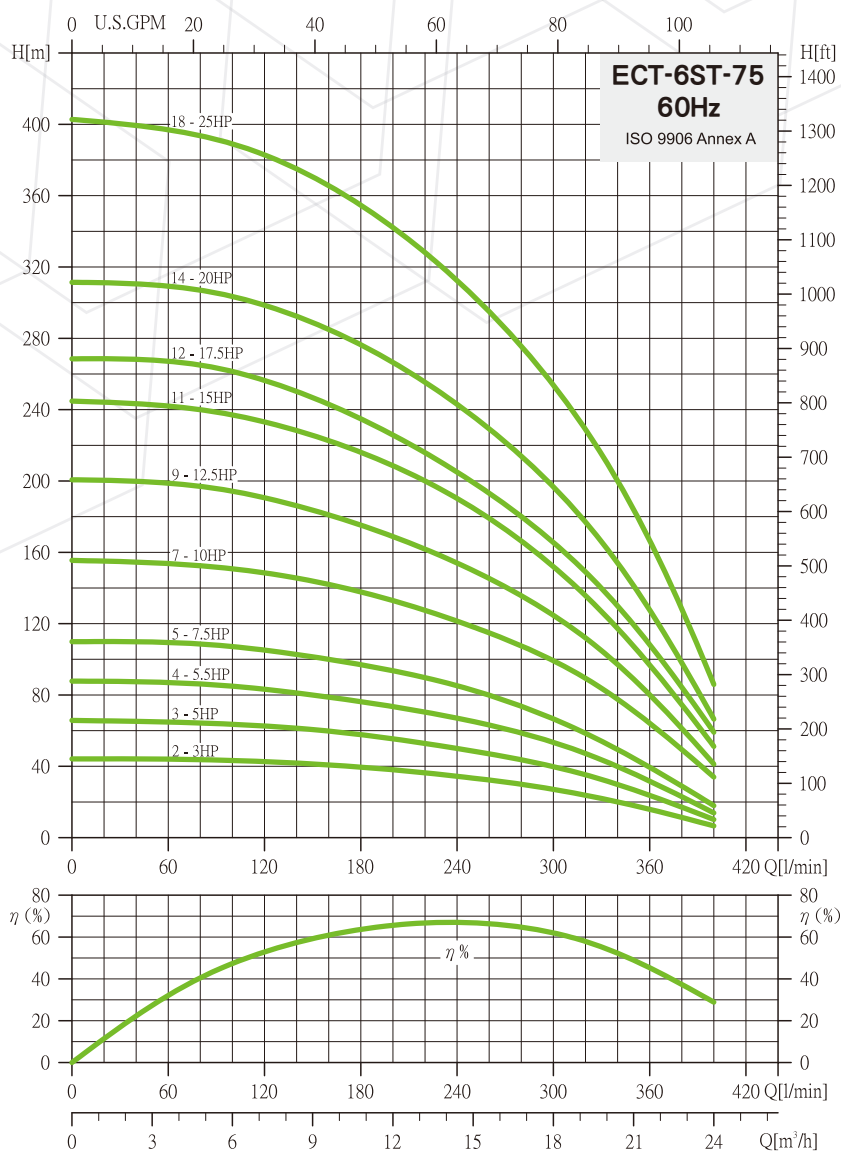
Pump Type	Q=DELIVERY										
	l/min 0	120	140	160	180	200	220	240	260	280	300
	m³/h 0	7.2	8.4	9.6	10.8	12	13.2	14.4	15.6	16.8	18
H=TOTAL HEAD IN METERS											
ECT-6ST-50-02	44	37	35	34	32	29	27	23	20	15	11
ECT-6ST-50-03	66	55	53	51	48	44	40	35	30	24	17
ECT-6ST-50-05	110	91	87	83	77	71	65	57	48	38	27
ECT-6ST-50-08	175	144	138	132	124	115	104	91	77	60	42
ECT-6ST-50-10	224	188	181	172	162	151	139	124	105	83	57
ECT-6ST-50-12	269	231	222	211	200	186	171	153	131	105	75
ECT-6ST-50-15	336	284	274	261	246	229	210	188	161	130	95

ECT-6ST

Technical Data



ECT PUMP



Dimensions and weights

60Hz										Dimensions(mm)				Weight(kg)
Pump type	Motor			Dimensions							Pump			
	kW	HP	Type	A	B	C	C*	C**						
75-2	2.2	3	4"	425		138								8.2
75-3	3.7	5	4"	463		138								8.9
75-4	4	5.5	4"	501		138								9.6
75-5	5.5	7.5	4"	539		138								10.3
75-7	7.5	10	4"	615		138								11.7
75-5	5.5	7.5	6"	553			141	144						11.1
75-7	7.5	10	6"	629			141	144						12.5
75-9	9.3	12.5	6"	705			141	144						13.9
75-11	11	15	6"	781			141	144						15.2
75-12	13	17.5	6"	819			141	144						15.8
75-14	15	20	6"	895			141	144						17.2
75-18	18.5	25	6"	1047			141	144						19.9

Selection Chart

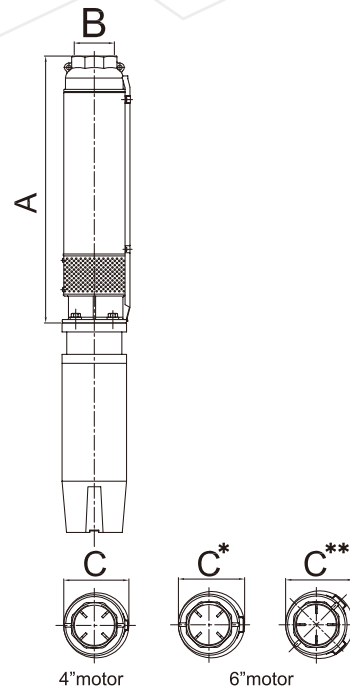
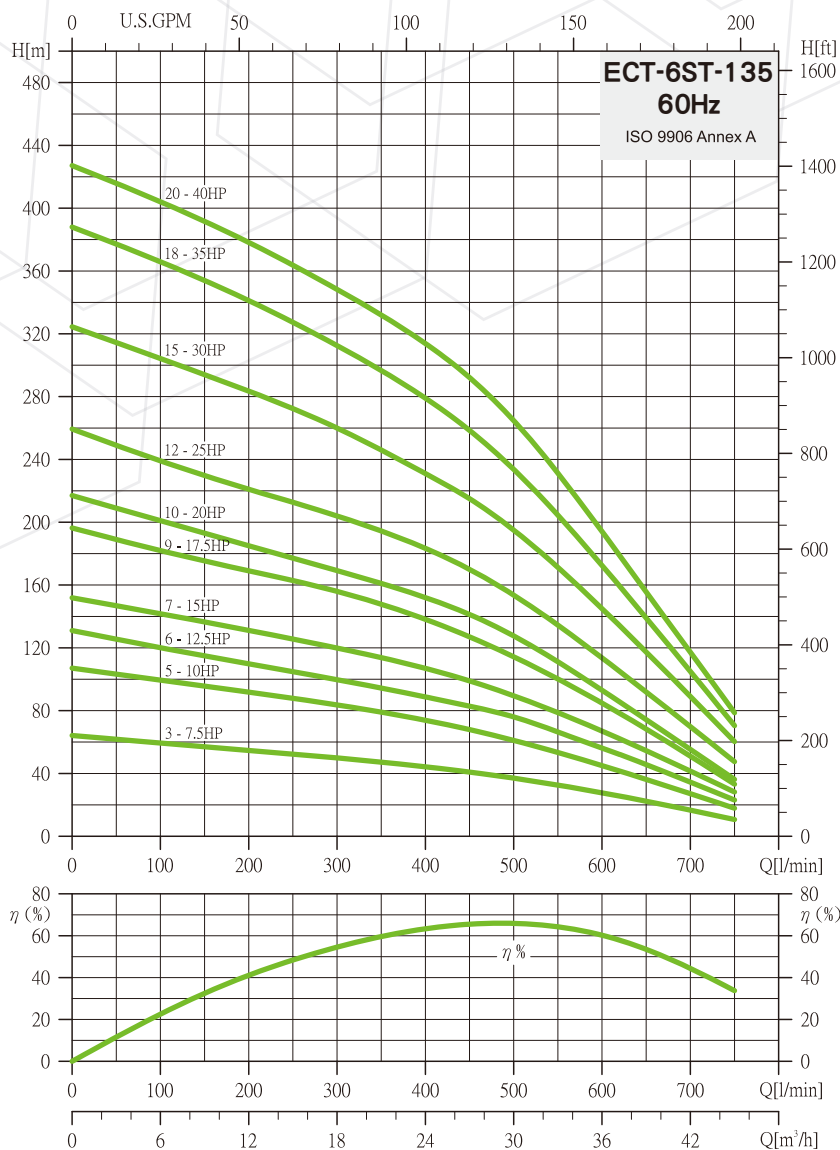
Pump Type	Q=DELIVERY												
	l/min 0	160	180	200	220	240	260	280	300	320	340	360	380
	m³/h 0	9.6	10.8	12	13.2	14.4	15.6	16.8	18	19.2	20.4	21.6	22.8
H=TOTAL HEAD IN METERS													
ECT-6ST-75-02	44	41	39	38	36	34	32	30	27	24	20	16	11
ECT-6ST-75-03	65	59	57	55	53	50	47	43	40	35	30	23	17
ECT-6ST-75-04	87	78	76	73	70	67	63	58	53	47	40	31	23
ECT-6ST-75-05	110	100	97	93	89	85	80	73	66	58	49	39	29
ECT-6ST-75-07	155	142	137	133	127	121	115	107	99	89	77	64	49
ECT-6ST-75-09	200	181	175	169	162	154	145	135	124	112	97	80	61
ECT-6ST-75-11	244	222	216	208	200	190	179	166	152	135	117	97	74
ECT-6ST-75-12	268	243	235	226	216	205	193	180	165	149	130	108	84
ECT-6ST-75-14	311	285	276	266	255	243	229	214	196	177	154	127	98
ECT-6ST-75-18	402	365	354	342	328	312	295	275	253	229	200	166	128

ECT-6ST



ECT PUMP

Technical Data



Dimensions and weights

60Hz									
Pump type	Motor Power			Dimensions (mm)					Weight (kg)
	kW	HP	Type	A	B	C	C*	C**	
135-3	5.5	7.5	4"	520		138			9.9
135-5	7.5	10	4"	634		138			11.8
135-3	5.5	7.5	6"	534			141	144	10.7
135-5	7.5	10	6"	648			141	144	12.5
135-6	9.3	12.5	6"	705			141	144	13.5
135-7	11	15	6"	762			141	144	14.4
135-9	13	17.5	6"	876			141	144	16.1
135-10	15	20	6"	933			141	144	17
135-12	18.5	25	6"	1047			141	144	18.9
135-15	22	30	6"	1218			141	144	21.6
135-18	26	35	6"	1389			141	144	24.3
135-20	30	40	6"	1555			141	144	27

Selection Chart

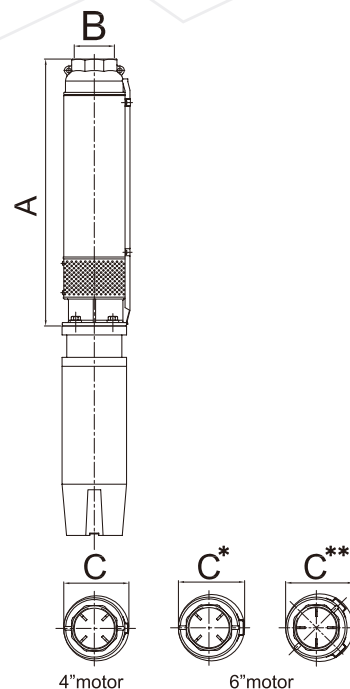
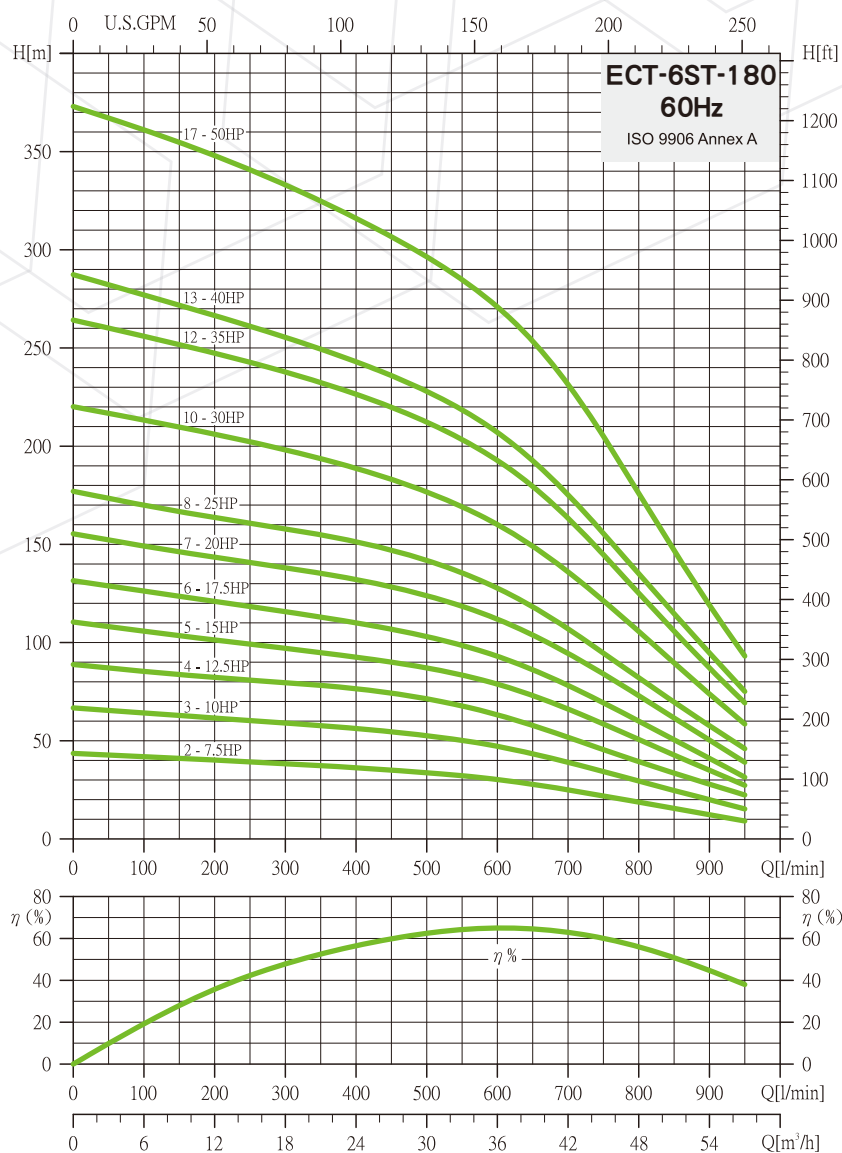
Pump Type	Q=DELIVERY												
	l/min 0	200	250	300	350	400	450	500	550	600	650	700	750
	m³/h 0	12	15	18	21	24	27	30	33	36	39	42	45
	H=TOTAL HEAD IN METERS												
ECT-6ST-135-03	64	54	52	50	47	44	41	37	32	27	22	16	10
ECT-6ST-135-05	107	91	88	83	79	74	68	61	53	45	36	27	18
ECT-6ST-135-06	131	109	105	99	94	88	83	76	66	56	45	34	23
ECT-6ST-135-07	152	131	125	120	113	107	99	89	78	67	54	41	28
ECT-6ST-135-09	196	169	162	156	147	138	127	114	100	85	68	51	33
ECT-6ST-135-10	217	185	177	169	161	152	141	127	111	93	74	55	36
ECT-6ST-135-12	259	221	212	204	194	183	170	153	134	113	92	70	47
ECT-6ST-135-15	324	283	272	260	246	231	215	195	171	145	117	89	60
ECT-6ST-135-18	388	341	327	312	296	279	258	233	204	172	139	105	70
ECT-6ST-135-20	427	378	363	348	332	314	292	264	231	194	155	117	78

ECT-6ST

Technical Data



ECT PUMP



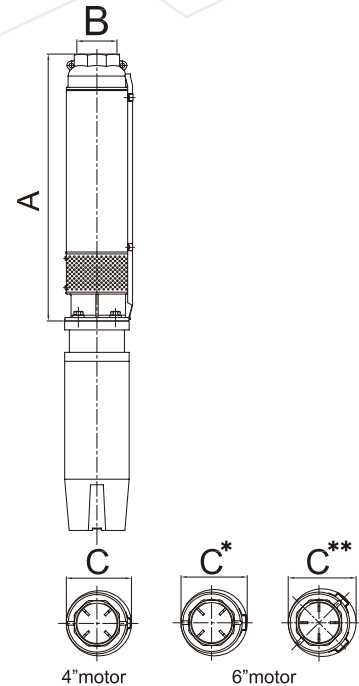
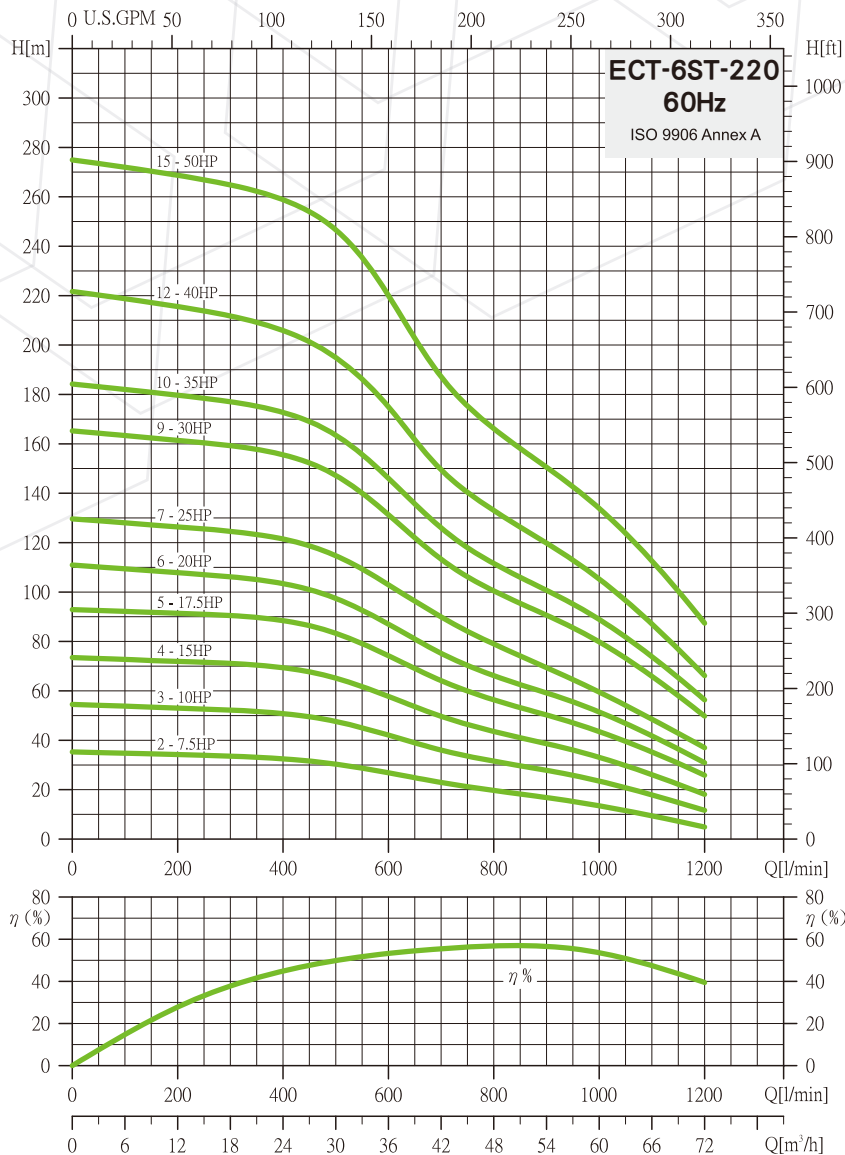
Dimensions and weights

60Hz														
Pump type	Motor			Dimensions (mm)							Weight (kg)			
	Power	Type		A	B	C	C*	C**	Pump					
180-2	5.5	7.5	4"	469		138								8.9
180-3	7.5	10	4"	529		138								9.9
180-2	5.5	7.5	6"	483				141	144					9.8
180-3	7.5	10	6"	543				141	144					10.7
180-4	9.3	12.5	6"	603				141	144					11.6
180-5	11	15	6"	663				141	144					12.6
180-6	13	17.5	6"	723				141	144					13.6
180-8	18.5	25	6"	843				141	144					15.5
180-10	22	30	6"	963				141	144					17.4
180-12	26	35	6"	1083				141	144					19.2
180-13	30	40	6"	1143				141	144					20.3
180-17	37	50	6"	1435				141	144					24.9

Selection Chart

Pump Type	Q=DELIVERY													
	l/min 0	350	400	450	500	550	600	650	700	750	800	850	900	
	m³/h 0	21	24	27	30	33	36	39	42	45	48	51	54	
H=TOTAL HEAD IN METERS														
ECT-6ST-180-02	43	37	36	35	33	32	30	28	25	22	18	15	12	
ECT-6ST-180-03	66	57	56	54	52	50	47	43	39	34	29	24	20	
ECT-6ST-180-04	89	78	76	74	71	67	63	57	51	45	39	33	28	
ECT-6ST-180-05	110	95	93	90	87	83	79	73	66	58	50	42	35	
ECT-6ST-180-06	131	113	110	106	103	98	93	86	78	69	60	50	41	
ECT-6ST-180-07	155	135	132	128	124	118	112	104	94	84	73	61	50	
ECT-6ST-180-08	177	155	151	147	142	135	127	118	107	94	82	69	57	
ECT-6ST-180-10	220	193	189	183	176	169	160	149	136	121	105	89	74	
ECT-6ST-180-12	264	232	226	220	212	203	192	179	163	144	125	105	87	
ECT-6ST-180-13	287	249	243	236	228	218	207	192	175	155	135	114	94	
ECT-6ST-180-17	373	324	316	306	296	284	271	253	231	205	176	147	119	

Technical Data



Dimensions and weights

Pump type		Motor		Dimensions (mm)					Weight (kg)	
		Power	Type	A	B	C	C*	C**		
220-2	5.5	7.5	4"	469		138			8.9	
220-3	7.5	10	4"	529		138			9.9	
220-2	5.5	7.5	6"	483			141	144	9.8	
220-3	7.5	10	6"	543			141	144	10.7	
220-4	11	15	6"	603			141	144	11.7	
220-5	13	17.5	6"	663			141	144	12.6	
220-7	18.5	25	6"	783			141	144	14.5	
220-9	22	30	6"	903			141	144	16.5	
220-10	26	35	6"	963			141	144	17.5	
220-12	30	40	6"	1083			141	144	19.5	
220-15	37	50	6"	1263			141	144	22.6	

Selection Chart

Pump Type	Q=DELIVERY												
	l/min 0	450	500	550	600	650	700	750	800	850	900	1000	1100
	m³/h 0	27	30	33	36	39	42	45	48	51	54	60	66
H=TOTAL HEAD IN METERS													
ECT-6ST-220-02	35	31	30	28	27	25	23	21	19	18	16	13	9
ECT-6ST-220-03	54	49	47	45	42	39	36	33	31	29	28	23	17
ECT-6ST-220-04	73	67	65	61	57	53	49	46	43	41	38	33	26
ECT-6ST-220-05	93	86	83	79	74	69	64	60	56	53	50	43	35
ECT-6ST-220-06	111	101	97	92	87	81	75	70	66	62	59	51	41
ECT-6ST-220-07	129	118	114	109	103	96	90	84	79	74	69	59	48
ECT-6ST-220-09	165	152	147	140	131	122	113	106	100	95	90	80	66
ECT-6ST-220-10	184	169	163	155	146	135	126	118	111	106	100	89	74
ECT-6ST-220-12	221	201	195	186	175	161	149	140	133	126	120	105	87
ECT-6ST-220-15	275	254	246	235	220	202	187	175	166	158	150	134	112