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50Hz

APEC PUMP

APEC Pump Enterprise Corp.

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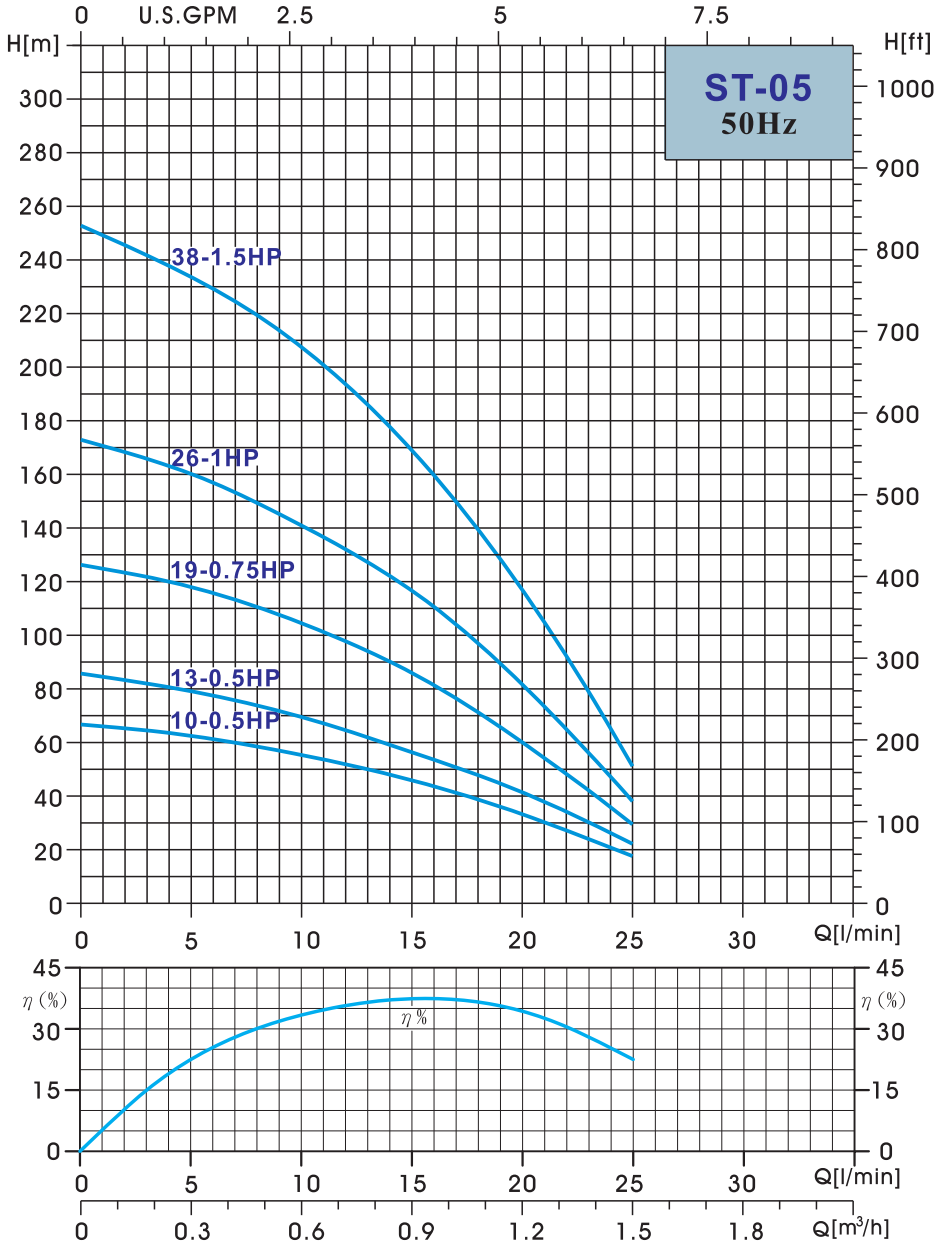
ISO 9001

4" SUPER

STAINLESS + PLASTIC FLOATING IMPELLER SUBMERSIBLE DEEP WELL PUMPS

ST-05

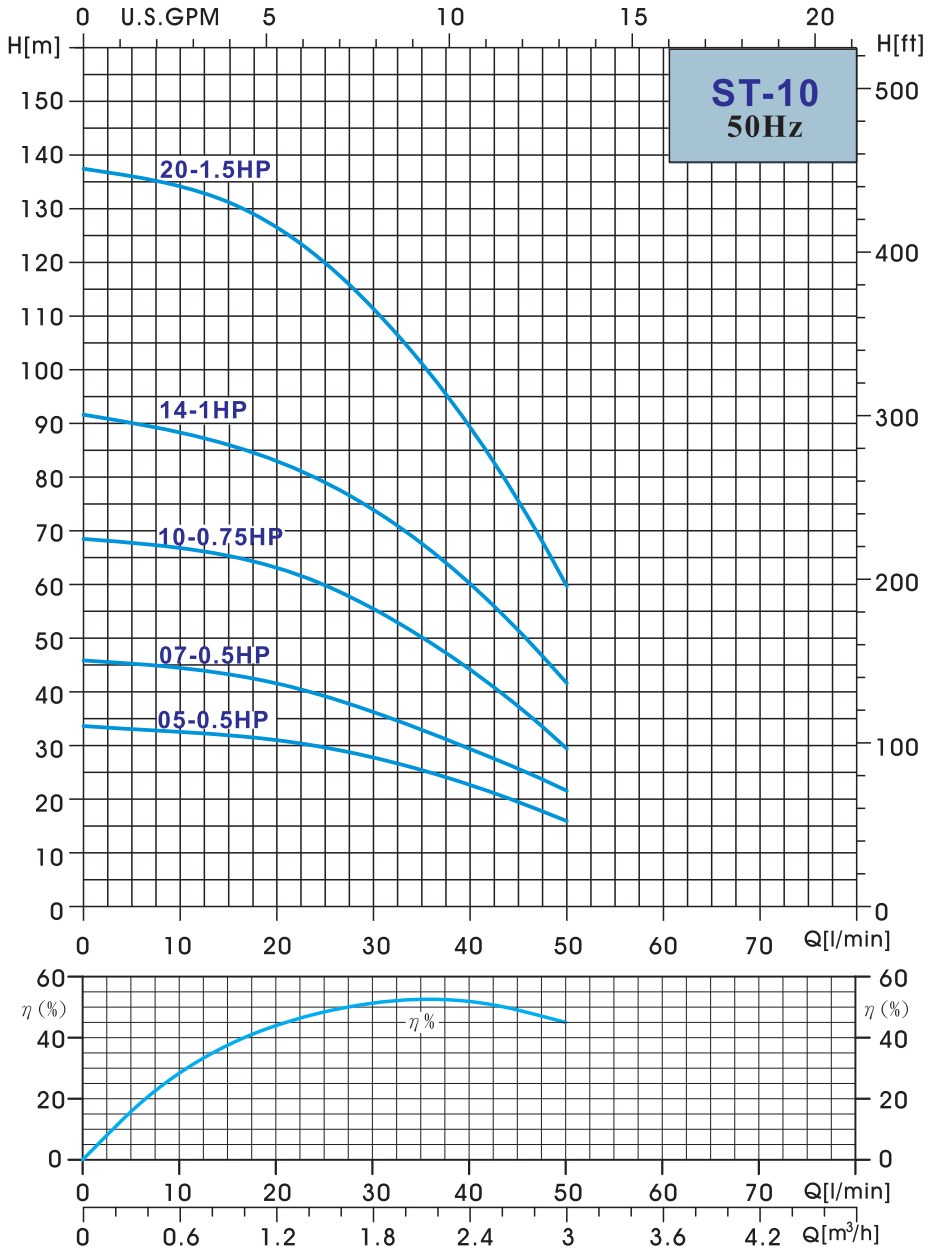
Performance Curves



Selection Chart																		
PUMP TYPE	Stages	Motor		Q=DELIVERY													PUMP	
		KW	HP	l/min 0	5	10	15	20	25	30	35	40	45	50	60	70	80	Length (mm)	Weight (kg)
				m³/h 0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8		
				H=TOTAL HEAD IN METERS															
ST-0510	10	0.37	0.5	67	63	55	46	33	18									324	3.3
ST-0513	13	0.37	0.5	86	78	70	56	42	23									377	3.7
ST-0519	19	0.55	0.75	126	118	105	86	60	30									481	4.7
ST-0526	26	0.75	1.0	173	160	141	117	81	39									642	5.8
ST-0538	38	1.1	1.5	253	234	208	169	117	52									864	8.2

ST-10

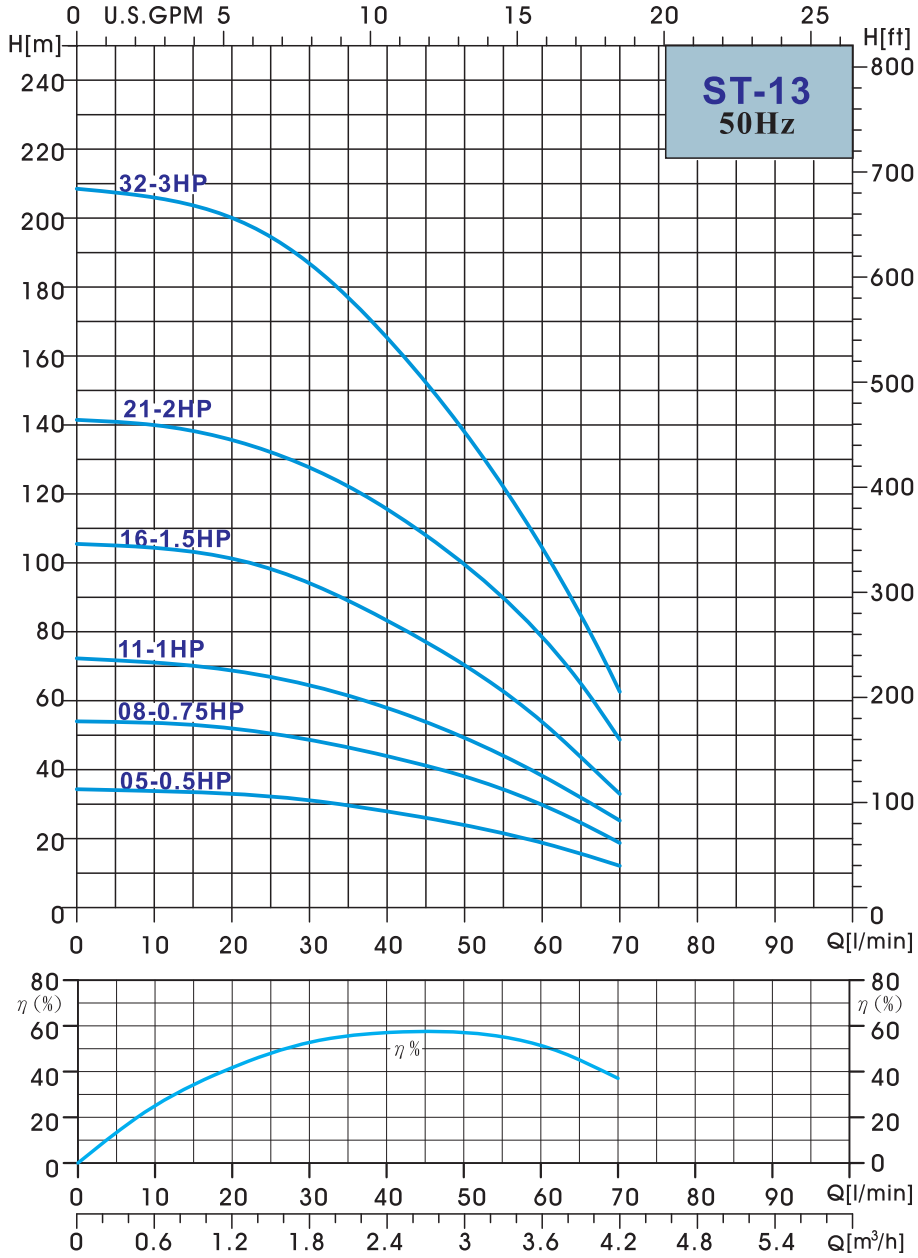
Performance Curves



Selection Chart																			
PUMP TYPE	Stages	Motor		Q=DELIVERY														PUMP	
		KW	HP	l/min 0	5	10	15	20	25	30	35	40	45	50	60	70	80	Length	Weight
				m^3/h 0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	(mm)	(kg)
				H=TOTAL HEAD IN METERS															
ST-1005	5	0.37	0.5	34			32	31	29	27	25	23	19	16				236	2.5
ST-1007	7	0.37	0.5	46			43	42	39	36	33	29	26	22				271	2.8
ST-1010	10	0.55	0.75	69			65	63	60	55	50	44	37	29				324	3.3
ST-1014	14	0.75	1.0	92			86	83	79	74	67	60	52	42				394	3.9
ST-1020	20	1.1	1.5	139			131	127	120	111	101	90	75	60				499	4.9

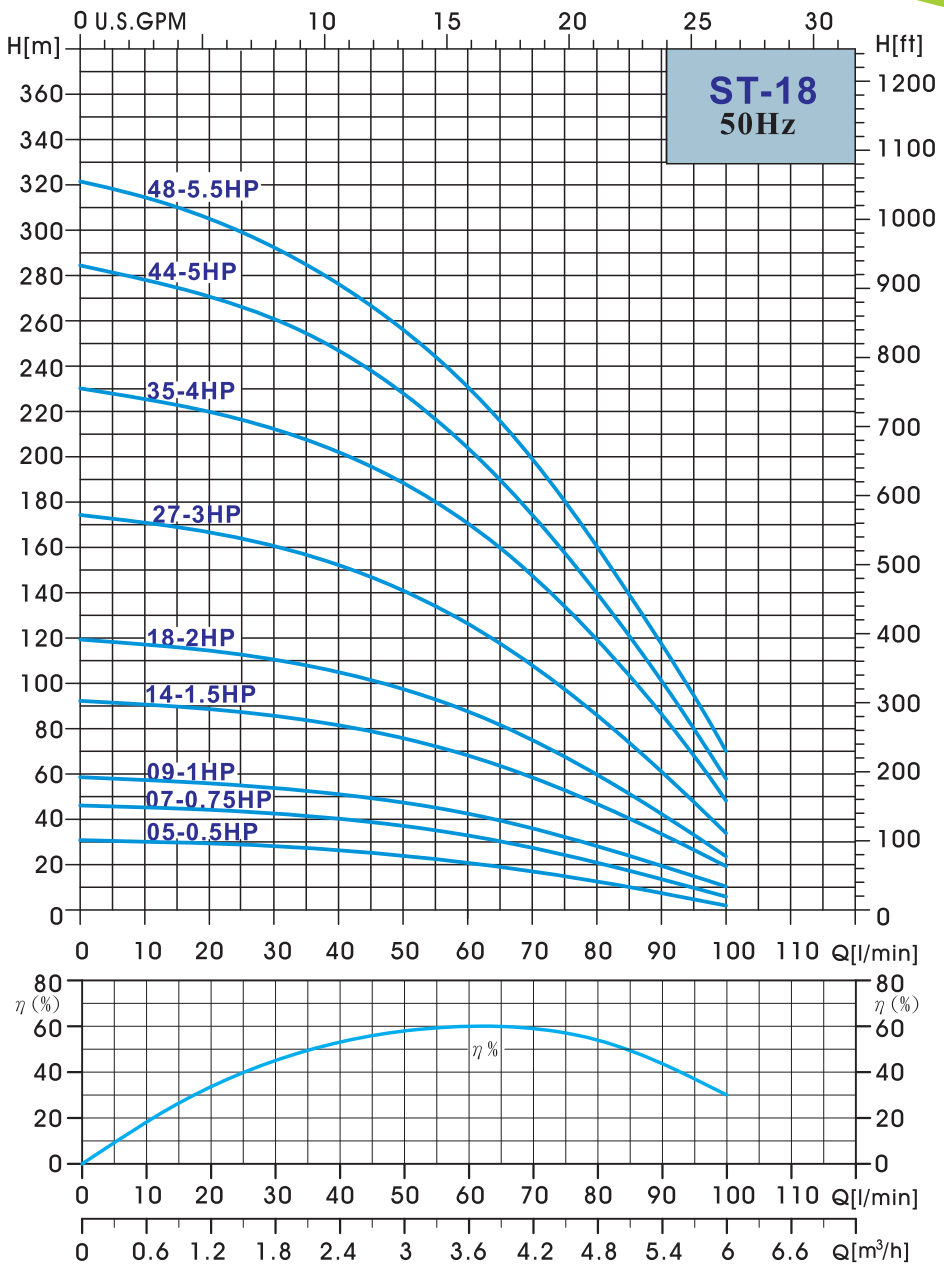
ST-13

Performance Curves



Selection Chart																			
PUMP TYPE	Stages	Motor		Q=DELIVERY														PUMP	
		KW	HP	l/min 0	5	10	15	20	25	30	35	40	45	50	60	70	80	Length	Weight
				m^3/h 0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	(mm)	(kg)
				H=TOTAL HEAD IN METERS															
ST-1305	5	0.37	0.5	34				32	31	30	29	28	26	24	19	13		236	2.5
ST-1308	8	0.55	0.75	54				51	50	49	46	43	41	38	30	19		289	2.9
ST-1311	11	0.75	1.0	72				68	66	64	61	58	54	49	38	26		342	3.4
ST-1316	16	1.1	1.5	106				101	98	95	89	83	77	70	54	33		430	4.2
ST-1321	21	1.5	2.0	142				135	132	127	122	115	108	100	79	49		519	5.0
ST-1332	32	2.2	3.0	208				200	194	187	177	165	152	138	104	62		749	7.1

Performance Curves

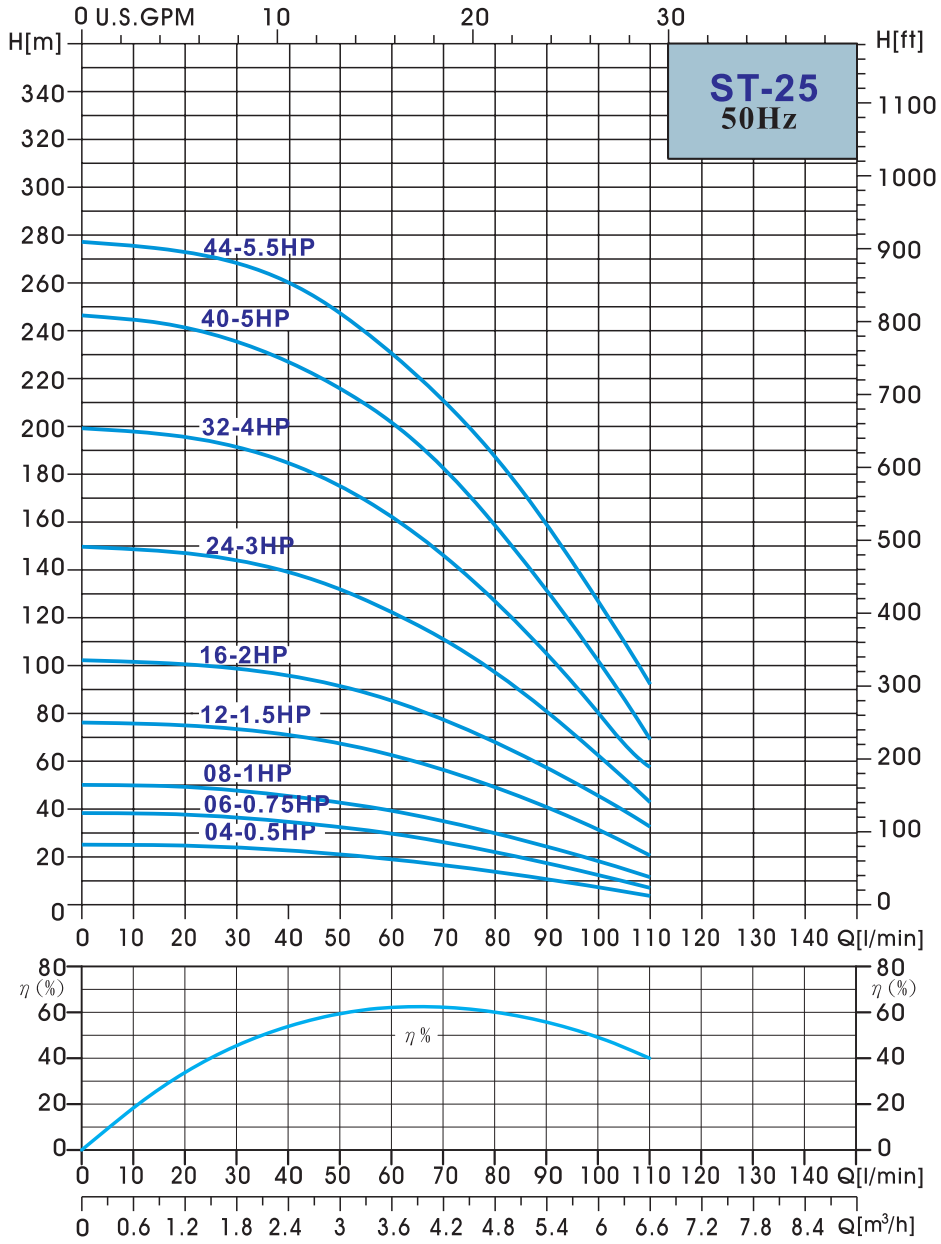


Selection Chart

PUMP TYPE	Stages	Motor		Q=DELIVERY															PUMP	
		KW	HP	l/min 0	15	20	25	30	35	40	45	50	60	70	80	90	100	120	Length	Weight
				m³/h 0	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0	7.2	(mm)	(kg)
				H=TOTAL HEAD IN METERS																
ST-1805	5	0.37	0.5	33			29	28	27	26	25	24	21	18	13	8	3		257	2.7
ST-1807	7	0.55	0.75	46			43	42	41	40	39	37	33	28	21	13	7		301	3.0
ST-1809	9	0.75	1.0	59			55	54	52	51	49	47	43	37	28	20	10		344	3.3
ST-1814	14	1.1	1.5	93			87	86	83	81	79	76	68	58	47	33	20		452	4.1
ST-1818	18	1.5	2.0	120			113	111	108	105	102	98	88	75	60	42	25		538	4.7
ST-1827	27	2.2	3.0	175			164	161	157	152	147	141	127	109	87	61	35		767	6.2
ST-1835	35	3.0	4.0	231			217	212	208	202	196	189	170	149	120	87	50		934	7.9
ST-1844	44	3.7	5.0	285			266	260	254	248	238	229	203	172	139	100	59		1128	9.3
ST-1848	48	4.0	5.5	322			299	292	285	276	267	256	231	199	160	118	70		1253	9.9

ST-25

Performance Curves

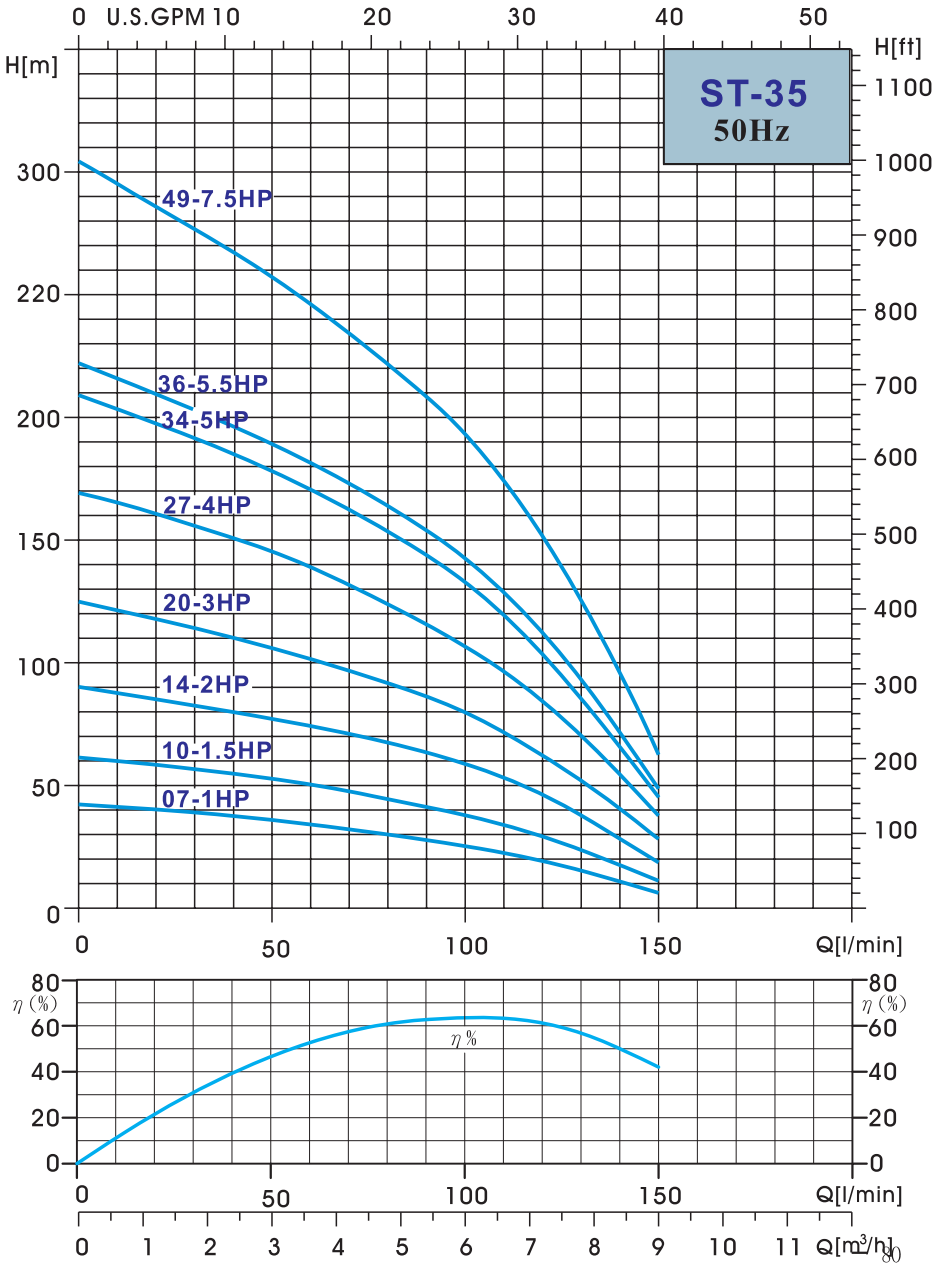


Selection Chart

PUMP TYPE	Stages	Motor		Q=DELIVERY																	PUMP	
		KW	HP	l/min 0	30	35	40	45	50	60	70	80	90	100	120	140	160	180	200	220	Length	Weight
				m³/h 0	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0	7.2	8.4	9.6	10.8	12	13	(mm)	(kg)
				H=TOTAL HEAD IN METERS																		
ST-2504	4	0.37	0.5	26		23	22	22	21	19	17	14	11	7							247	2.4
ST-2506	6	0.55	0.75	38		36	35	33	32	30	26	22	18	12							296	2.9
ST-2508	8	0.75	1.0	51		47	46	44	43	39	35	30	24	18							345	3.3
ST-2512	12	1.1	1.5	77		72	71	69	68	63	57	49	41	31							433	4.1
ST-2516	16	1.5	2.0	102		98	96	94	92	86	77	68	57	46							542	5.0
ST-2524	24	2.2	3.0	151		142	139	136	132	122	111	97	80	62							777	6.6
ST-2532	32	3.0	4.0	203		188	185	180	175	162	146	127	105	80							965	8.7
ST-2540	40	3.7	5.0	253		232	227	222	216	202	182	159	131	102							1160	10.4
ST-2544	44	4.0	5.5	278		265	260	254	247	230	210	187	159	127							1296	11.2

ST-35

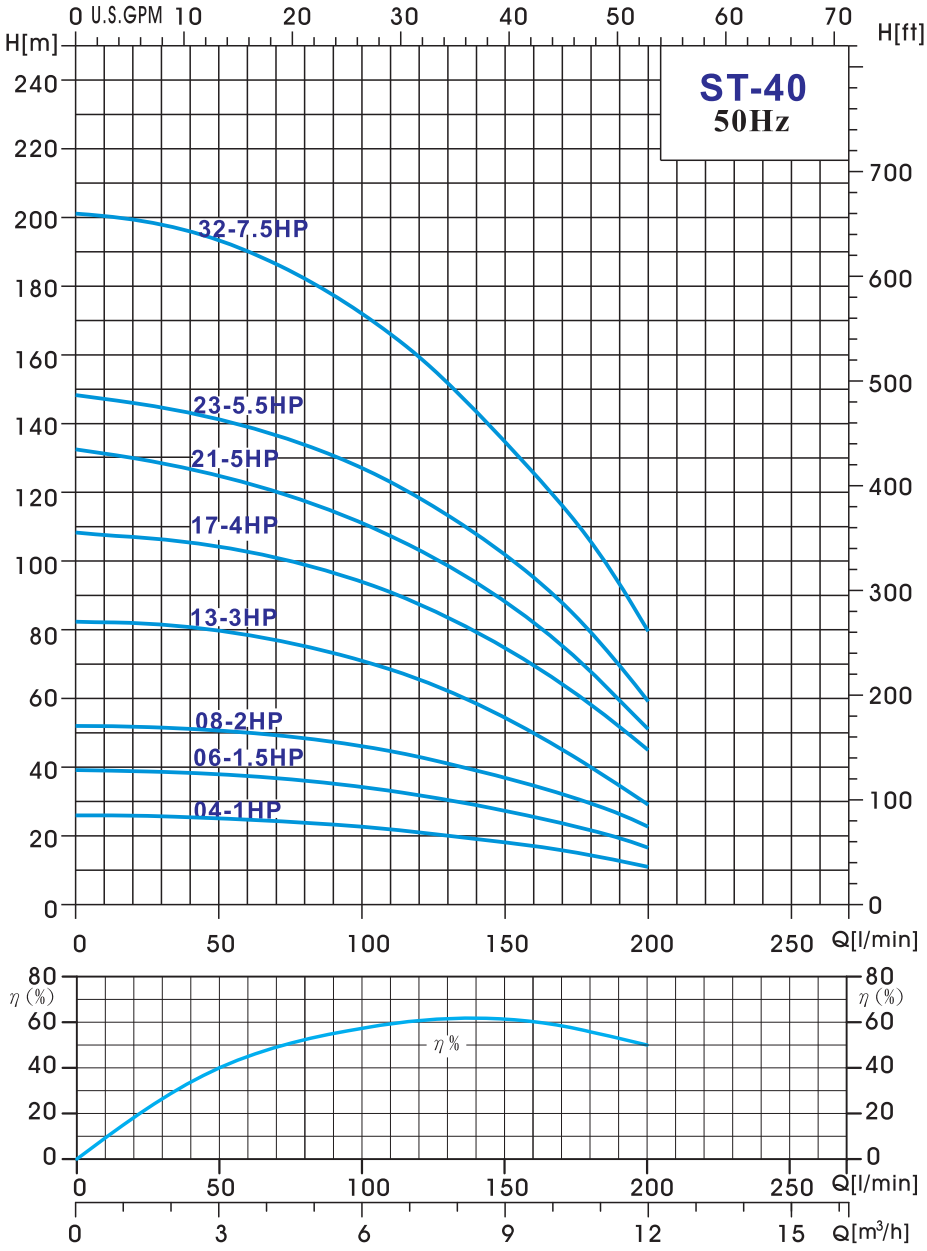
Performance Curves



Selection Chart																							
PUMP TYPE	Stages	Motor		Q=DELIVERY																		PUMP	
		KW	HP	l/min 0	30	35	40	45	50	60	70	80	90	100	120	140	160	180	200	220		Length (mm)	Weight (kg)
				m³/h 0	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0	7.2	8.4	9.6	10.8	12	13			
				H=TOTAL HEAD IN METERS																			
ST-3507	7	0.75	1.0	42					36	34	32	30	28	25	19	11						390	3.7
ST-3510	10	1.1	1.5	62					53	51	48	45	41	38	29	18						483	4.6
ST-3514	14	1.5	2.0	90					77	74	71	68	63	59	46	28						607	5.7
ST-3520	20	2.2	3.0	125					107	102	97	92	86	80	62	40						831	7.5
ST-3527	27	3.0	4.0	169					145	139	131	123	115	107	84	55						1048	9.6
ST-3534	34	3.7	5.0	208					178	170	162	153	143	132	103	66						1257	11.6
ST-3536	36	4.0	5.5	221					190	181	173	164	154	143	112	72						1318	12.2
ST-3549	49	5.5	7.5	302					257	246	234	222	209	193	151	96						1802	15.9

ST-40

Performance Curves

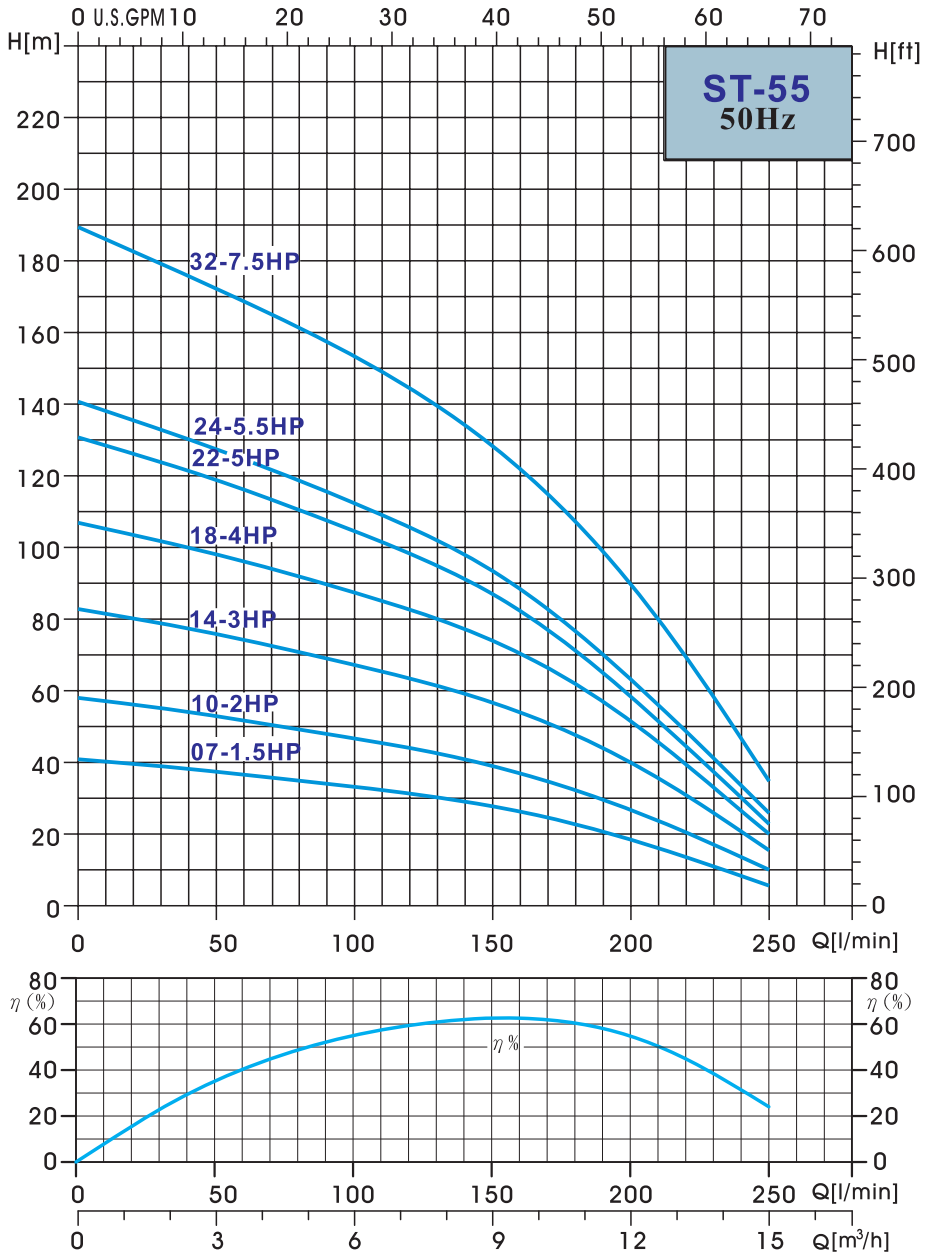


Selection Chart

PUMP TYPE	Stages	Motor		Q=DELIVERY																	PUMP	
		KW	HP	l/min 0	30	35	40	45	50	60	70	80	90	100	120	140	160	180	200	220	Length	Weight
				m^3/h 0	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0	7.2	8.4	9.6	10.8	12	13	(mm)	(kg)
				H=TOTAL HEAD IN METERS																		
ST-4004	4	0.75	1.0	26								24	23	22	21	19	17	15	12		294	2.8
ST-4006	6	1.1	1.5	39								36	35	34	32	29	26	22	17		356	3.4
ST-4008	8	1.5	2.0	52								48	47	46	43	39	35	29	24		418	4.0
ST-4013	13	2.2	3.0	82								75	73	71	66	59	50	40	30		573	5.5
ST-4017	17	3.0	4.0	108								98	96	94	87	79	70	58	46		697	6.6
ST-4021	21	3.7	5.0	132								117	114	111	103	93	82	68	52		859	7.8
ST-4023	23	4.0	5.5	148								134	131	127	118	108	95	79	60		921	8.4
ST-4032	32	5.5	7.5	202								182	178	172	160	143	125	105	80		1238	11.0

ST-55

Performance Curves

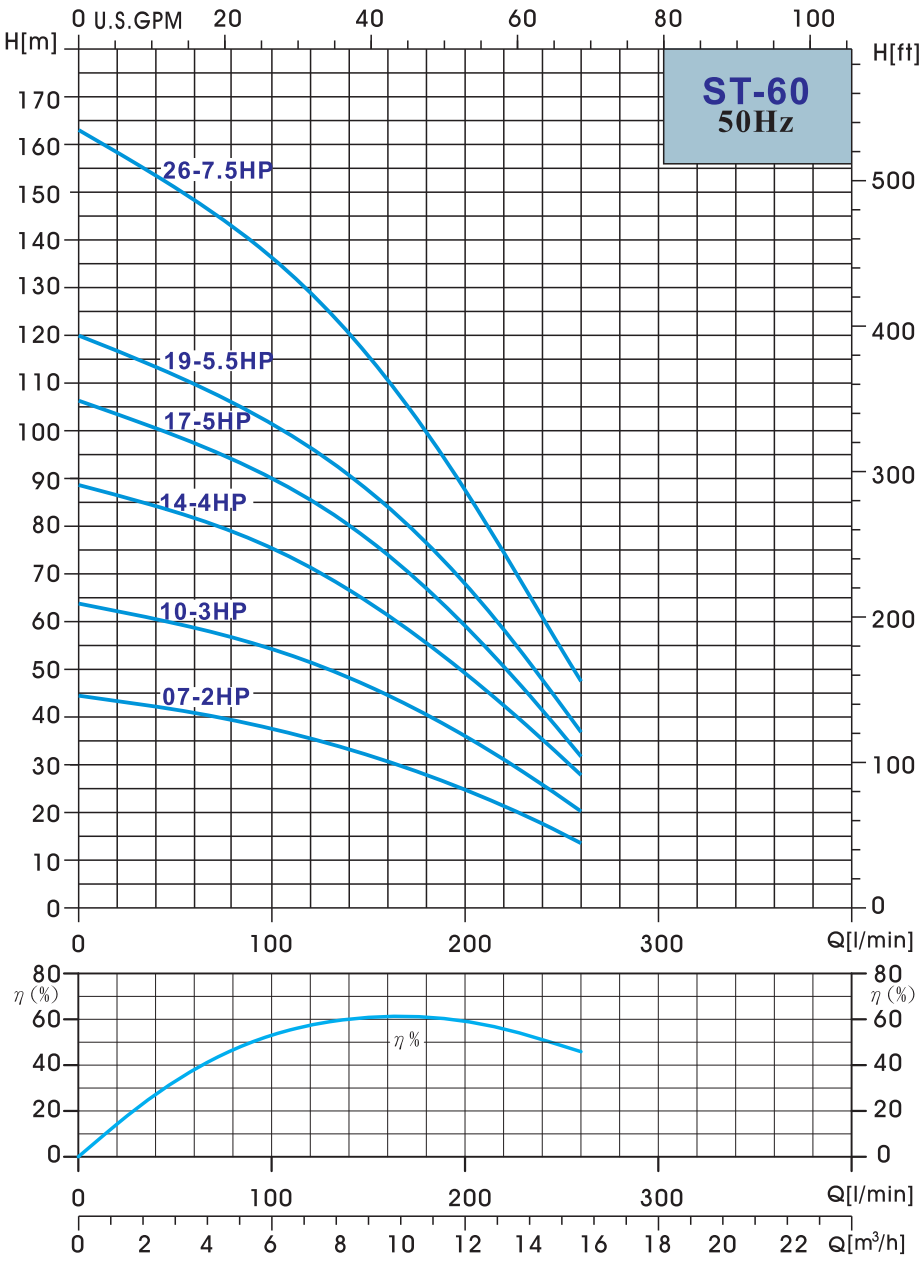


Selection Chart

PUMP TYPE	Stages	Motor		Q=DELIVERY																	PUMP	
		KW	HP	l/min 0	70	80	90	100	120	140	160	180	200	220	240	260	280	300	320	340	Length	Weight
				m³/h 0	4.2	4.8	5.4	6.0	7.2	8.4	9.6	10.8	12	13	14.4	16	17	18	19	20	(mm)	(kg)
				H=TOTAL HEAD IN METERS																		
ST-5507	7	1.1	1.5	41		35	34	33	32	29	26	23	18	14	8						537	5.3
ST-5510	10	1.5	2.0	58		49	48	47	44	41	37	32	27	20	13						693	6.7
ST-5514	14	2.2	3.0	83		71	69	67	63	58	54	48	40	31	20						901	8.5
ST-5518	18	3.0	4.0	107		92	90	87	83	77	70	62	52	39	26						1147	10.4
ST-5522	22	3.7	5.0	131		110	107	104	98	91	82	71	58	45	30						1345	12.3
ST-5524	24	4.0	5.5	141		118	116	113	106	97	88	77	63	49	33						1449	13.2
ST-5532	32	5.5	7.5	189		162	157	153	144	134	122	107	90	70	47						1866	17

ST-60

Performance Curves

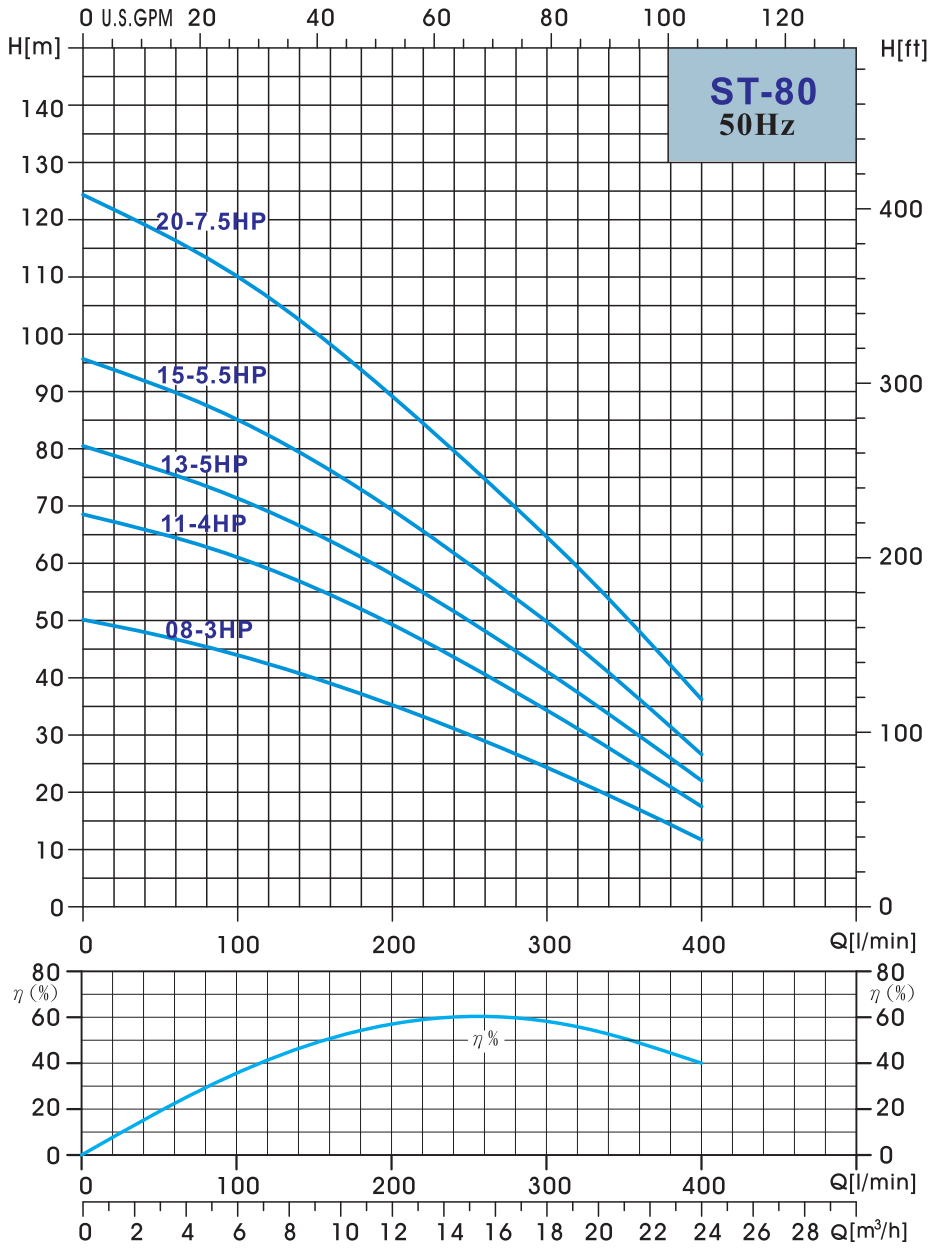


Selection Chart

PUMP TYPE	Stages	Motor		Q=DELIVERY																		PUMP	
		KW	HP	l/min 0	80	90	100	120	140	160	180	200	220	240	260	280	300	320	340	360		Length	Weight
				m³/h 0	4.8	5.4	6.0	7.2	8.4	9.6	10.8	12	13	14.4	16	17	18	19	20	22		(mm)	(kg)
				H=TOTAL HEAD IN METERS																			
ST-6007	7	1.5	2.0	45			37	36	33	31	28	25	22	18	14							534	5.3
ST-6010	10	2.2	3.0	64			54	52	48	44	41	36	32	26	20							690	6.7
ST-6014	14	3.0	4.0	89			76	72	67	62	56	49	43	35	28							989	8.6
ST-6017	17	3.7	5.0	107			90	86	80	74	67	59	51	42	32							1092	10.1
ST-6019	19	4.0	5.5	120			102	97	91	89	76	68	58	48	37							1195	11.0
ST-6026	26	5.5	7.5	163			136	129	120	111	100	87	75	61	48							1559	14.3

ST-80

Performance Curves



Selection Chart																									
PUMP TYPE	Stages	Motor		Q=DELIVERY																				PUMP	
		KW	HP	l/min 0	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	450	Length	Weight
				m³/h 0	6.0	7.2	8.4	9.6	10.8	12	13	14.4	16	17	18	19	20	22	23	24	27	(mm)	(kg)
				H=TOTAL HEAD IN METERS																			
ST-8008	8	2.2	3.0	51			41	39	37	35	33	31	29	27	24	22	20	17	14	12		676	6.3
ST-8011	11	3.0	4.0	70			57	54	52	49	47	44	41	38	34	31	28	24	21	18		880	8.1
ST-8013	13	3.7	5.0	81			67	64	61	58	55	52	48	45	41	38	34	30	26	22		1013	9.3
ST-8015	15	4.0	5.5	97			79	76	73	69	66	63	58	54	50	46	41	36	32	27		1149	10.5
ST-8020	20	5.5	7.5	125			102	98	94	89	84	79	74	70	65	60	54	48	43	37		1489	13.5

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50Hz

APEC PUMP

APEC Pump Enterprise Corp.

Powered by Franklin

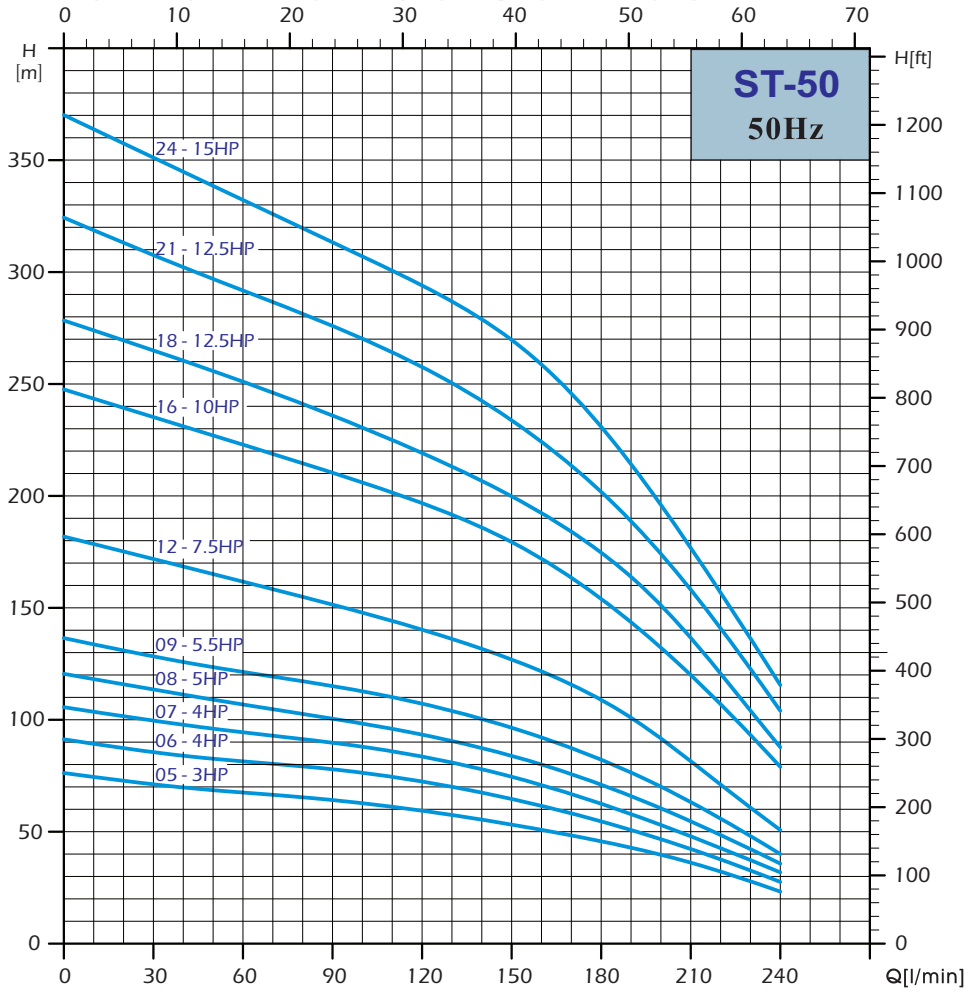
ISO 9001

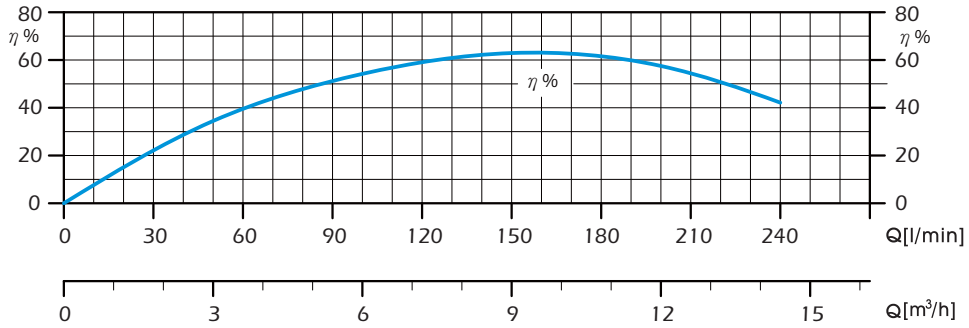
6" SUPER

STAINLESS + PLASTIC FLOATING IMPELLER SUBMERSIBLE DEEP WELL PUMPS

ST-50

Performance Curves

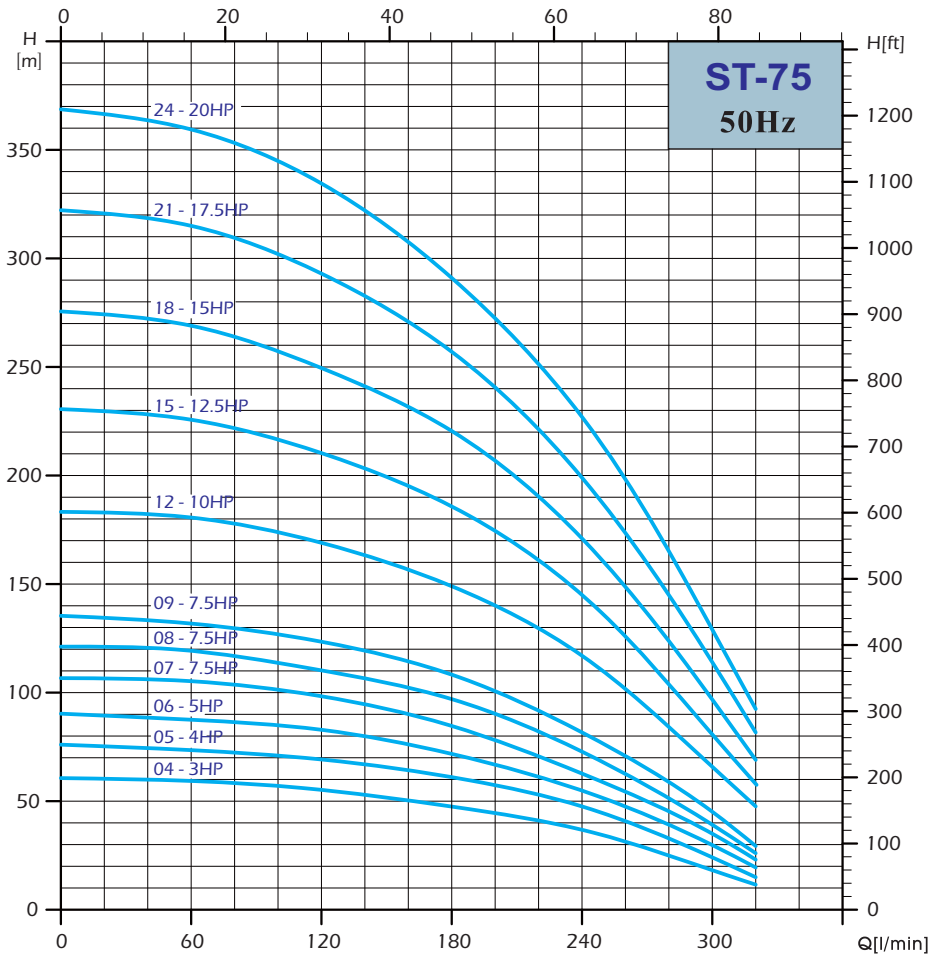


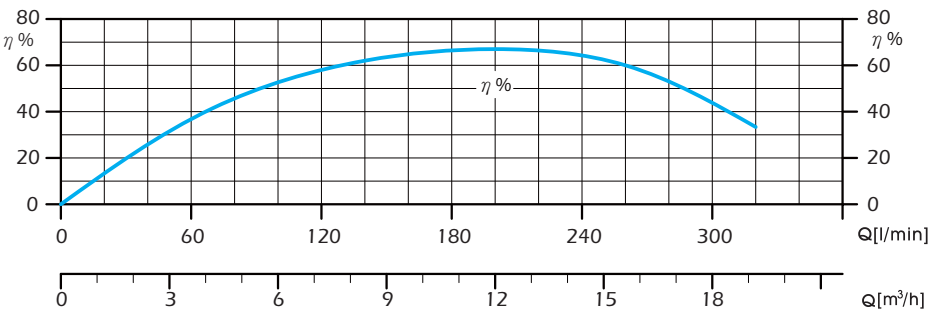


Selection Chat										
PUMP TYPE	Stages	Motor		Q	H	Hmax	PUMP			
							4" motor dia.		6" motor dia.	
		KW	HP	M³/H	M	M	Length (mm)	Weight (kg)	Length (mm)	Weight (kg)
ST-5005	5	2.2	3	9.5	52	77	539	10.3	-	-
ST-5006	6	3	4	9.5	62	92	577	11.1	-	-
ST-5007	7	3	4	9.5	72	106	615	11.8	-	-
ST-5008	8	3.7	5	9.5	81	121	653	12.5	-	-
ST-5009	9	4	5.5	9.5	93	137	691	13.1	-	-
ST-5012	12	5.5	7.5	9.5	123	182	805	15	819	15.9
ST-5016	16	7.5	10	9.5	174	248	957	17.7	971	18.7
ST-5018	18	9.3	12.5	9.5	194	279	-	-	1047	20
ST-5021	21	9.3	12.5	9.5	226	325	-	-	1161	21.9
ST-5024	24	11	15	9.5	261	371	-	-	1275	24

ST-75

Performance Curves



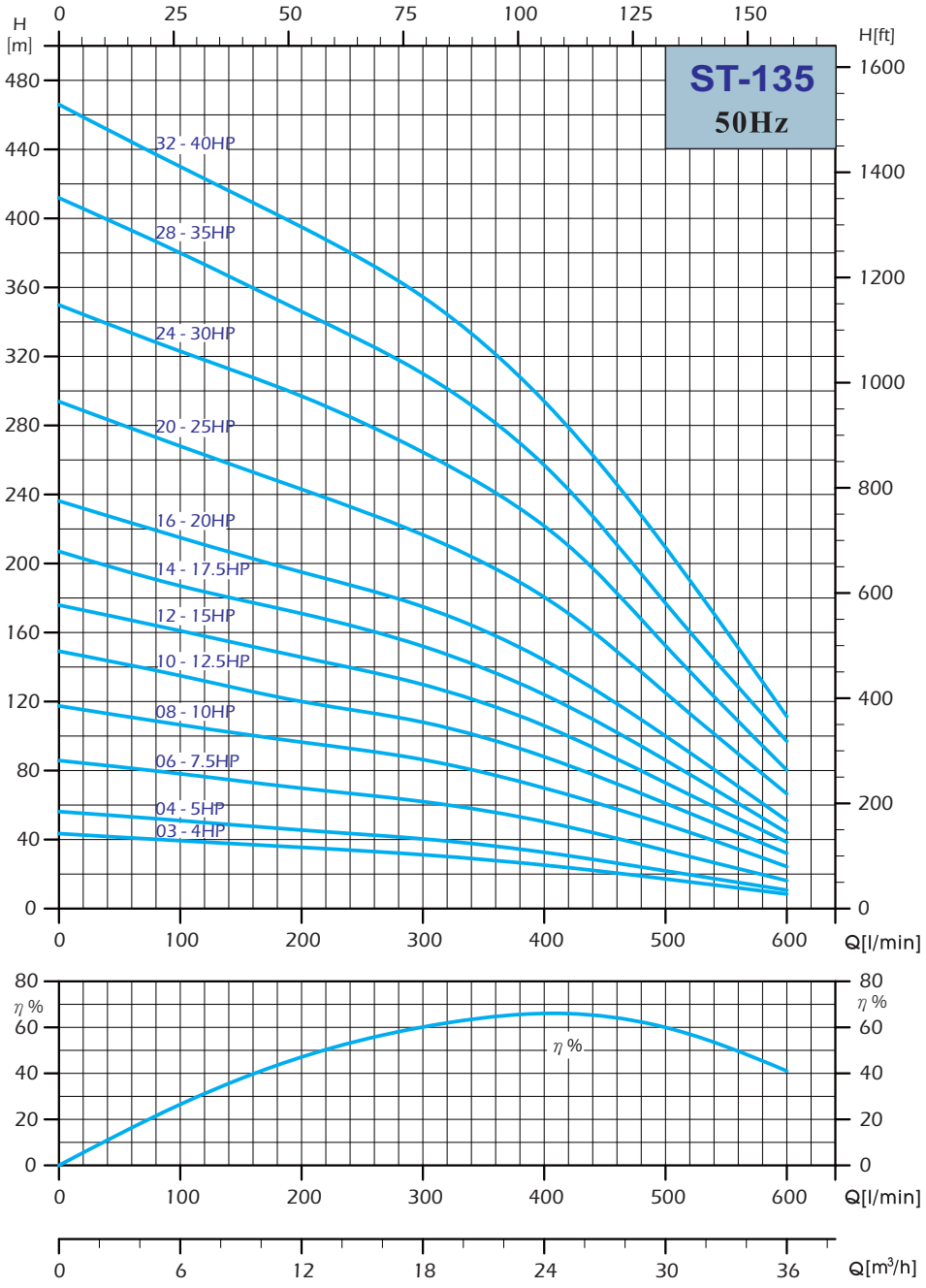


Selection Chat

PUMP TYPE	Stages	Motor		Q	H	Hmax	PUMP			
							4" motor dia.		6" motor dia.	
		KW	HP	M³/H	M	M	Length (mm)	Weight (kg)	Length (mm)	Weight (kg)
ST-7504	4	2.2	3	14	39	61	501	9.6	-	-
ST-7505	5	3	4	14	50	77	539	10.3	-	-
ST-7506	6	3.7	5	14	57	91	577	11	-	-
ST-7507	7	5.5	7.5	14	66	107	615	11.7	629	12.5
ST-7508	8	5.5	7.5	14	76	122	653	12.5	667	13.2
ST-7509	9	5.5	7.5	14	86	136	691	13.1	705	13.9
ST-7512	12	7.5	10	14	122	184	805	15	819	15.8
ST-7515	15	9.3	12.5	14	151	231	-	-	933	17.8
ST-7518	18	11	15	14	178	276	-	-	1047	19.9
ST-7521	21	13	17.5	14	207	323	-	-	1161	21.8
ST-7524	24	15	20	14	236	369	-	-	1275	23.8

ST-135

Performance Curves

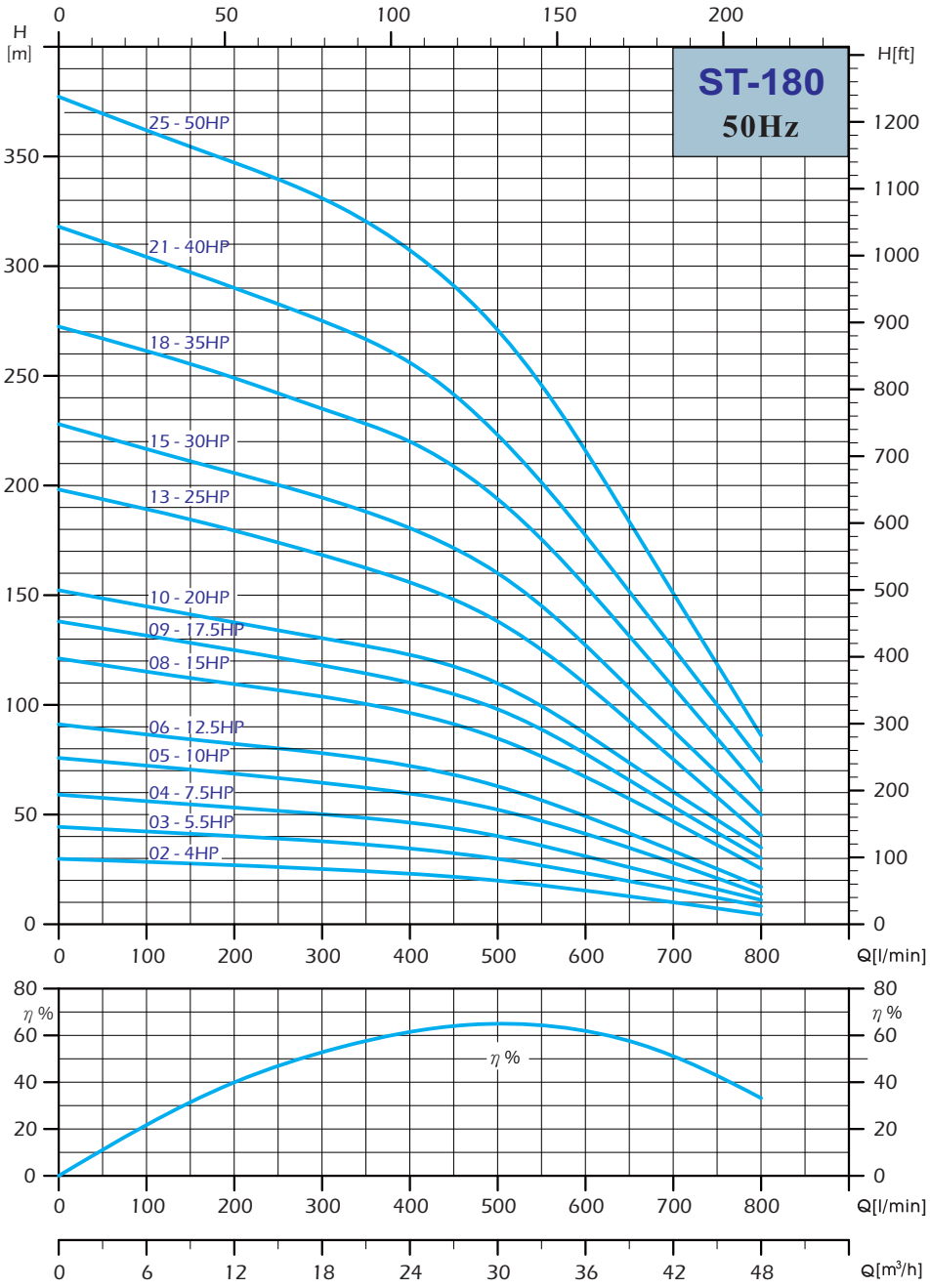


Selection Chat

PUMP TYPE	Stages	Motor		Q	H	Hmax	PUMP			
							4" motor dia.		6" motor dia.	
		KW	HP	M³/H	M	M	Length (mm)	Weight (kg)	Length (mm)	Weight (kg)
ST-13503	3	3	4	25	24	44	520	9.9	-	-
ST-13504	4	3.7	5	25	31	57	577	10.8	-	-
ST-13506	6	5.5	7.5	25	48	86	691	12.6	705	13.5
ST-13508	8	7.5	10	25	67	118	805	14.3	819	15.2
ST-13510	10	9.3	12.5	25	84	150	-	-	933	17
ST-13512	12	11	15	25	101	176	-	-	1047	18.9
ST-13514	14	13	17.5	25	119	207	-	-	1161	20.7
ST-13516	16	15	20	25	138	237	-	-	1275	22.6
ST-13520	20	18.5	25	25	173	294	-	-	1555	27
ST-13524	24	22	30	25	213	350	-	-	1783	30.7
ST-13528	28	26	35	25	246	412	-	-	2063	35.1
ST-13532	32	30	40	25	282	466	-	-	2291	38.9

ST-180

Performance Curves

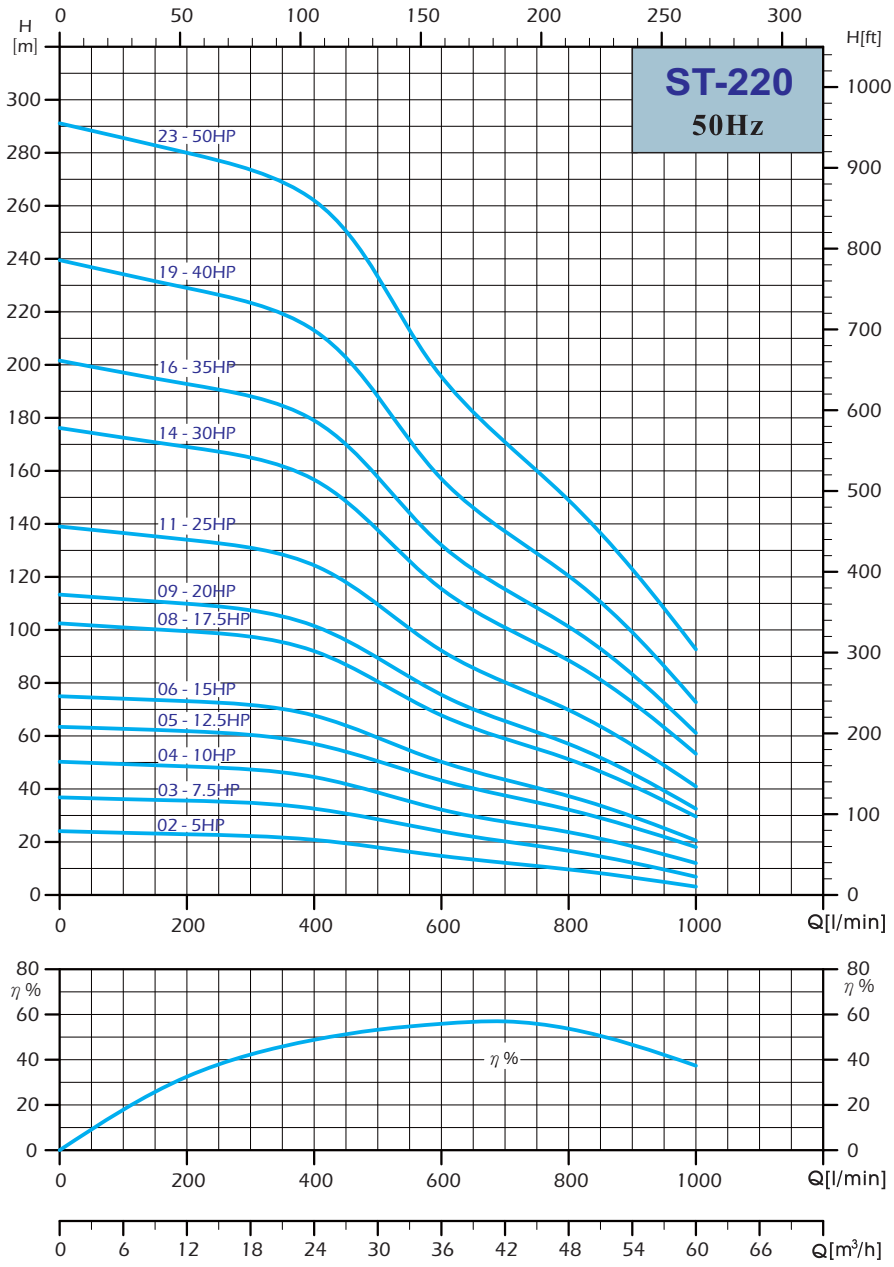


Selection Chat

PUMP TYPE	Stages	Motor		Q	H	Hmax	PUMP			
							4" motor dia.		6" motor dia.	
		KW	HP	M³/H	M	M	Length (mm)	Weight (kg)	Length (mm)	Weight (kg)
ST-18002	2	3	4	34	17	30	469	8.9	-	-
ST-18003	3	4	5.5	34	26	45	529	9.9	-	-
ST-18004	4	5.5	7.5	34	35	59	589	10.7	603	11.6
ST-18005	5	7.5	10	34	46	76	649	11.8	663	12.6
ST-18006	6	9.3	12.5	34	55	92	-	-	723	13.6
ST-18008	8	11	15	34	74	122	-	-	843	15.5
ST-18009	9	13	17.5	34	86	138	-	-	903	16.5
ST-18010	10	15	20	34	96	153	-	-	963	17.4
ST-18013	13	18.5	25	34	121	199	-	-	1143	20.3
ST-18015	15	22	30	34	140	228	-	-	1263	22.2
ST-18018	18	26	35	34	169	273	-	-	1495	25.9
ST-18021	21	30	40	34	194	318	-	-	1675	28.6
ST-18025	25	37	50	34	237	378	-	-	1915	32.5

ST-220

Performance Curves



Selection Chat

PUMP TYPE	Stages	Motor		Q	H	Hmax	PUMP			
							4" motor dia.		6" motor dia.	
		KW	HP	M³/H	M	M	Length (mm)	Weight (kg)	Length (mm)	Weight (kg)
ST-22002	2	3.7	5	42	13	25	469	8.9	-	-
ST-22003	3	5.5	7.5	42	21	37	529	9.9	543	10.7
ST-22004	4	7.5	10	42	28	51	589	10.8	603	11.7
ST-22005	5	9.3	12.5	42	38	64	-	-	663	12.6
ST-22006	6	11	15	42	44	75	-	-	723	13.6
ST-22008	8	13	17.5	42	59	103	-	-	843	15.5
ST-22009	9	15	20	42	66	114	-	-	903	16.5
ST-22011	11	18.5	25	42	81	139	-	-	1023	18.5
ST-22014	14	22	30	42	101	177	-	-	1203	21.5
ST-22016	16	26	35	42	116	202	-	-	1323	23.6
ST-22019	19	30	40	42	138	240	-	-	1555	27.6
ST-22023	23	37	50	42	171	292	-	-	1795	31.3