

ซูเปอร์
เฮอริเคน
4" เครื่องสูบน้ำบาดาล สเตนเลส



U.S.A.
North Carolina
South Carolina
Georgia
Florida
CUBA

**สลดทนาย
ได้ดีที่สุด**

ใช้งานกับบ่อบาดาล
ทุกประเภท



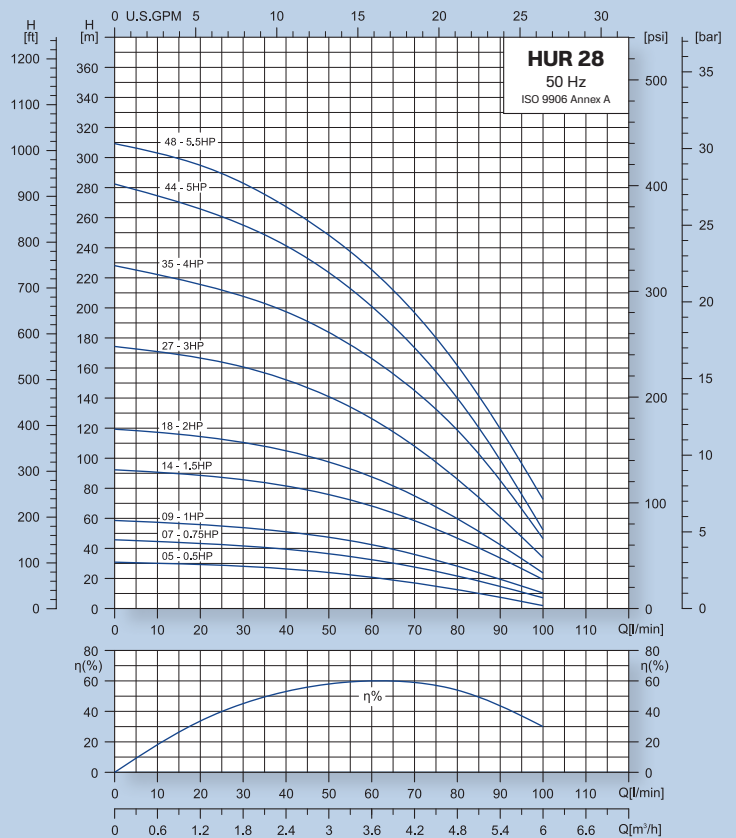
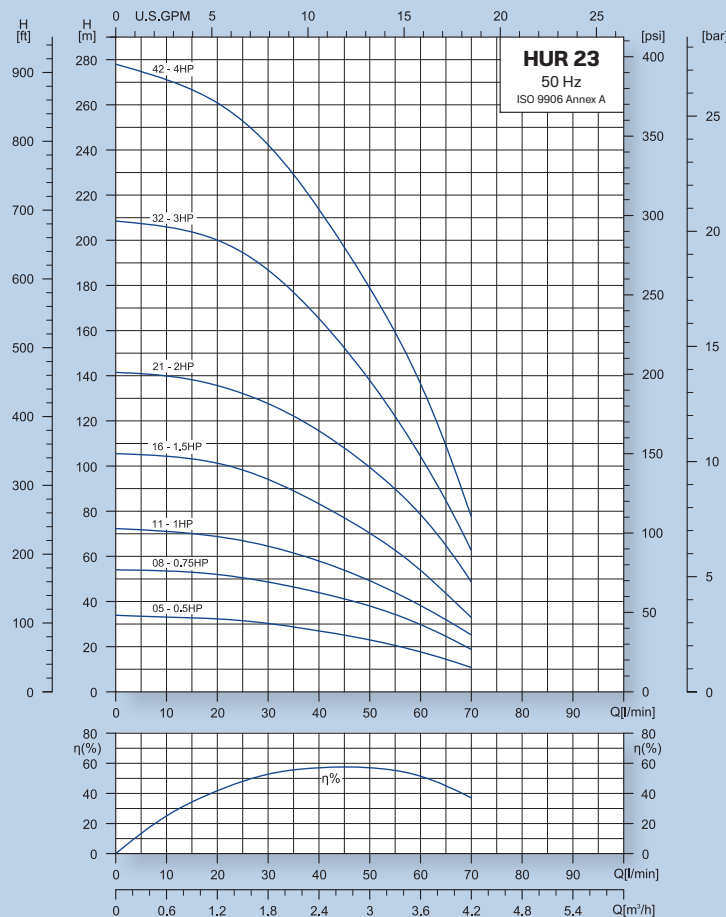
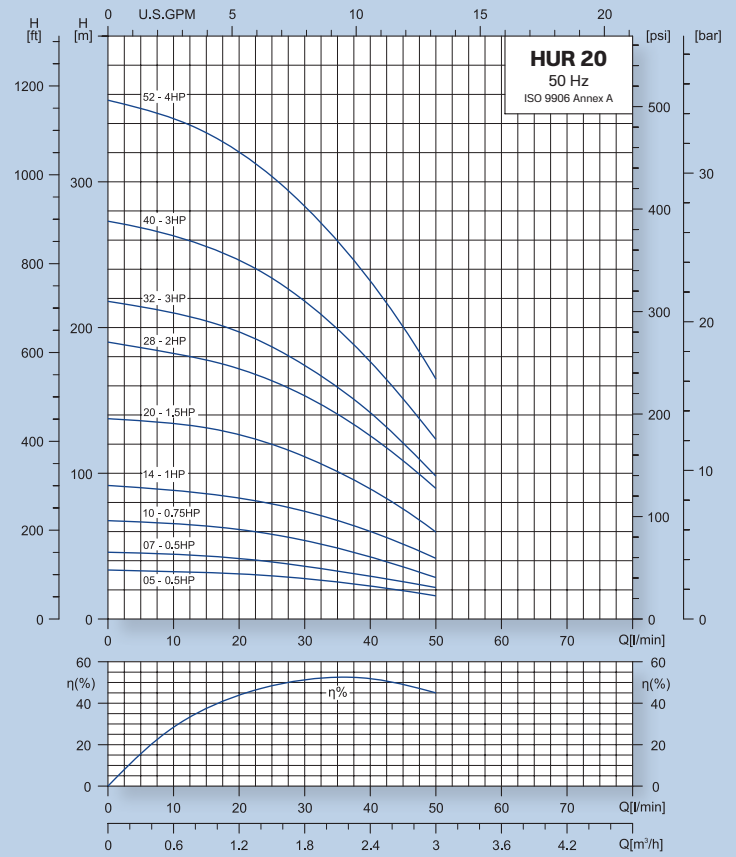
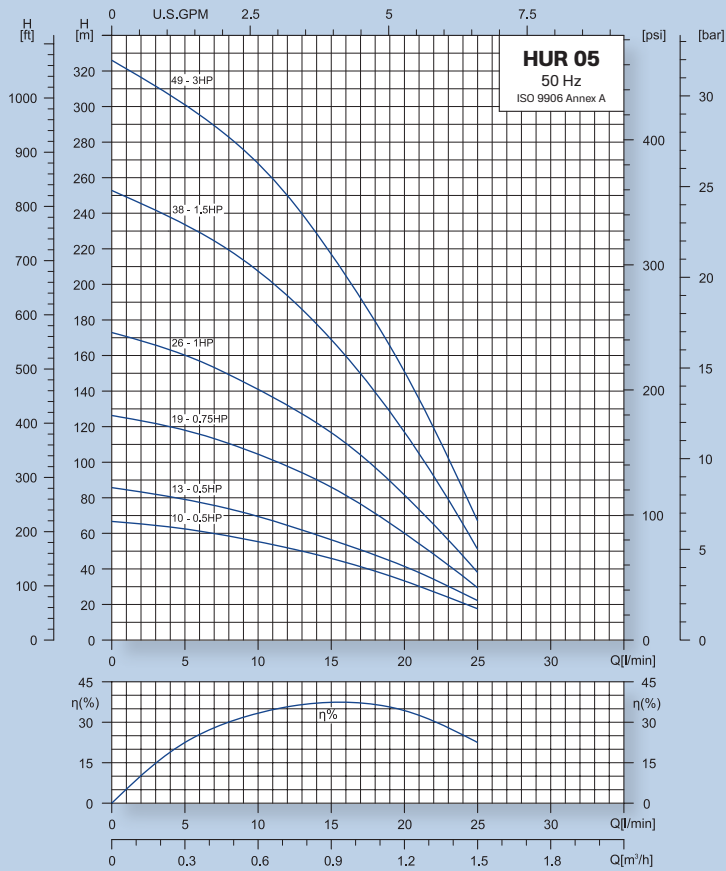
Powered by
Franklin Electric, U.S.A.



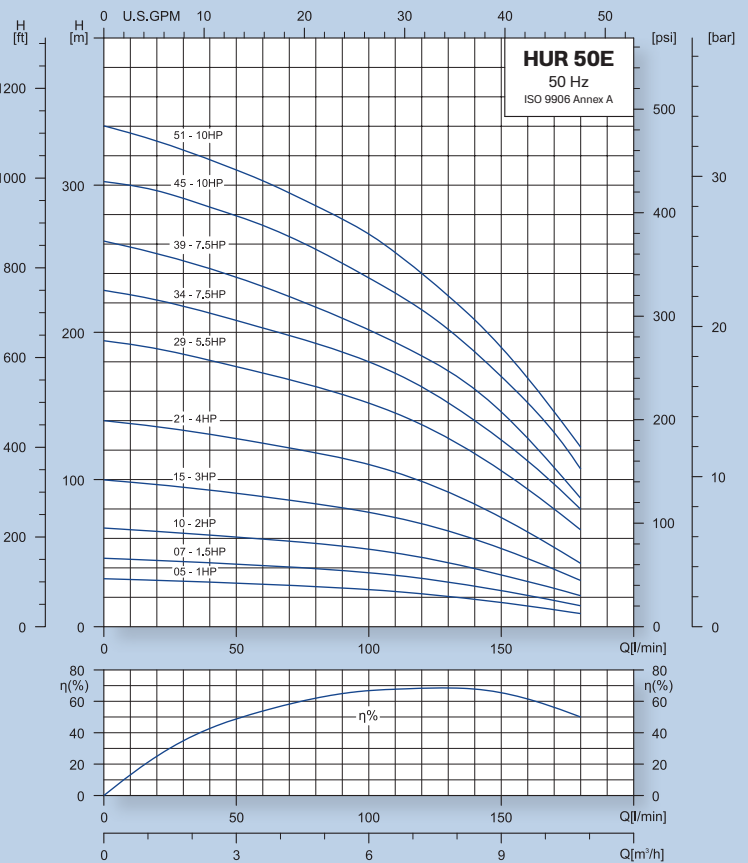
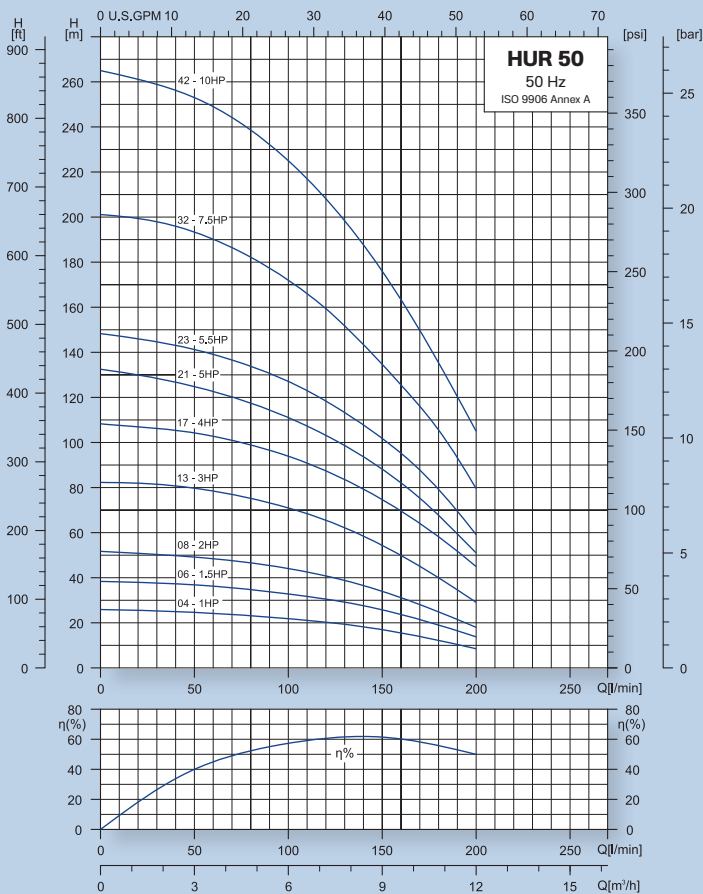
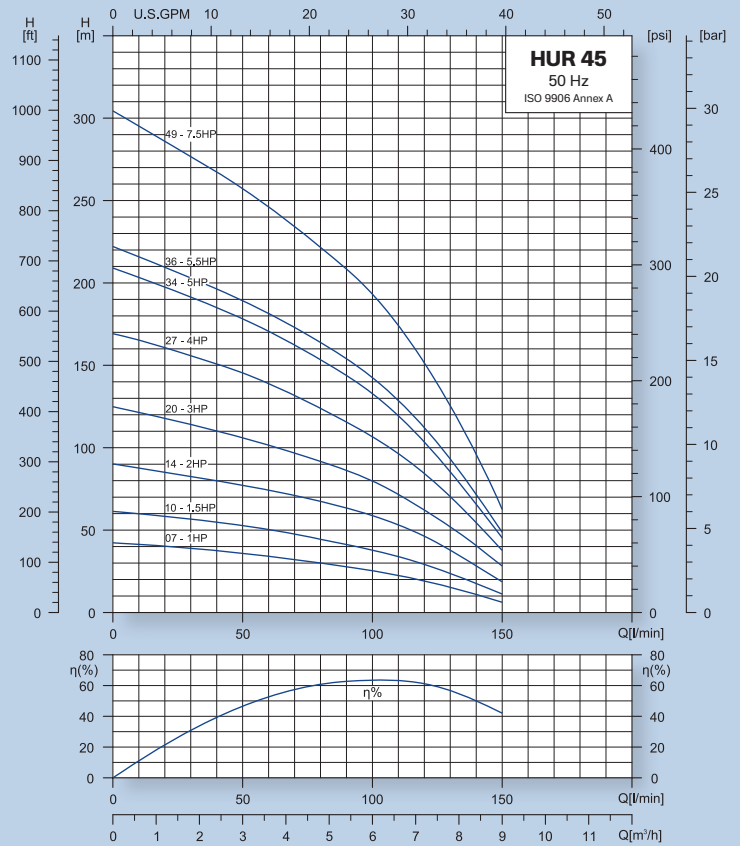
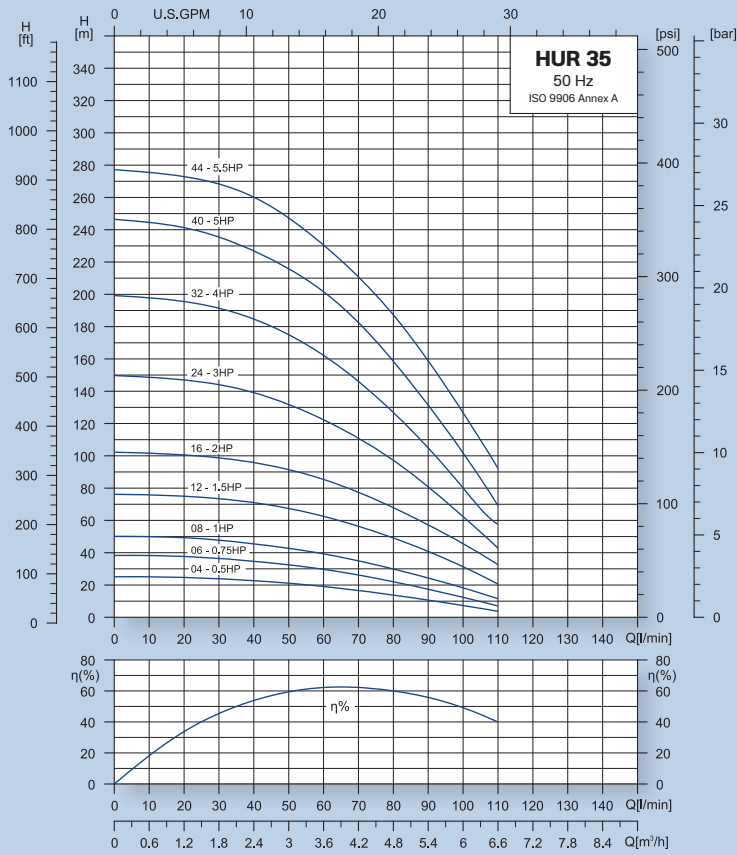
ปั๊มน้ำบาดาล (BOREHOLE SUBMERSIBLE PUMPS TYPE) 50Hz

รุ่น	จำนวนใบพัด	มอเตอร์		Q - ปริมาณน้ำ																						ปั๊ม	
		วัตต์	แรงม้า	ลิตร/นาที	5	10	15	20	25	30	35	40	45	50	60	70	80	90	100	120	140	160	180	200	ความยาว (mm)	น้ำหนัก (kg)	
				คิว/ชม.	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.6	4.2	4.8	5.4	6	7.2	8.4	9.6	10.8	12			
					H = ความสูงเป็นเมตร																						
HUR-0510	10	0.37	0.5	67	63	55	46	33	18																324	3.3	
HUR-0513	13	0.37	0.5	86	78	70	56	42	23																377	3.7	
HUR-0519	19	0.55	0.75	126	118	105	86	60	30																481	4.7	
HUR-0526	26	0.75	1	173	160	141	117	81	39																642	5.8	
HUR-0538	38	1.1	1.5	253	234	208	169	117	52																910	9.2	
HUR-0549	49	2.2	3	326	301	268	219	151	67																1105	12.5	
HUR-2005	5	0.37	0.5	34			32	31	29	27	25	23	19	16											236	2.5	
HUR-2007	7	0.37	0.5	46			43	42	40	36	33	29	26	22											271	2.8	
HUR-2010	10	0.55	0.75	69			65	63	60	55	50	44	37	29											324	3.3	
HUR-2014	14	0.75	1	92			86	83	79	74	67	60	52	42											394	3.9	
HUR-2020	20	1.1	1.5	139			131	127	120	111	101	90	75	60											499	4.9	
HUR-2028	28	1.5	2	190			178	172	163	153	141	126	108	89											679	7.1	
HUR-2032	32	2.2	3	218			205	197	187	174	159	142	121	98											787	7.8	
HUR-2040	40	2.2	3	273			256	246	234	218	199	177	151	123											950	10.5	
HUR-2052	52	3	4	356			334	320	304	283	259	232	201	165											1235	13.5	
HUR-2305	5	0.37	0.5	34				32	31	30	29	28	26	24	19	13									236	2.5	
HUR-2308	8	0.55	0.75	54				51	50	49	46	43	41	38	30	19									289	2.9	
HUR-2311	11	0.75	1	72				68	66	64	61	58	54	49	38	26									342	3.4	
HUR-2316	16	1.1	1.5	106				101	98	95	89	83	77	70	54	33									430	4.2	
HUR-2321	21	1.5	2	142				135	132	127	122	115	108	100	79	49									519	5	
HUR-2332	32	2.2	3	208				200	194	187	177	165	152	138	104	62									805	8.1	
HUR-2342	42	3	4	278				261	253	242	229	214	197	179	137	78									985	10.7	
HUR-2805	5	0.37	0.5	33					29	28	27	26	25	24	21	18	13	8	3						257	2.7	
HUR-2807	7	0.55	0.75	46					43	42	41	40	39	37	33	28	21	13	7						301	3	
HUR-2809	9	0.75	1	59					55	54	52	51	49	47	43	37	28	20	10						344	3.3	
HUR-2814	14	1.1	1.5	93					87	86	83	81	79	76	68	58	47	33	20						452	4.1	
HUR-2818	18	1.5	2	120					113	111	108	105	102	98	88	75	60	42	25						538	4.7	
HUR-2827	27	2.2	3	175					164	161	157	152	147	141	127	109	87	61	35						805	7.2	
HUR-2835	35	3	4	231					217	212	208	202	196	189	170	149	120	87	50						995	8.9	
HUR-2844	44	3.7	5	285					266	260	254	248	238	229	203	172	139	100	59						1187	10.3	
HUR-2848	48	4	5.5	322					299	292	285	276	267	256	231	199	162	120	73						1312	10.9	
HUR-3504	4	0.37	0.5	26								23	22	21	21	20	18	15	12	9					247	2.4	
HUR-3506	6	0.55	0.75	38								36	35	34	33	31	28	25	21	16	5				296	2.9	
HUR-3508	8	0.75	1	51								48	47	46	45	42	39	34	29	23	10				345	3.3	
HUR-3512	12	1.1	1.5	77								72	71	69	68	63	58	50	41	32	12				433	4.1	
HUR-3516	16	1.5	2	102								98	97	95	92	87	80	70	60	48	20				542	5	
HUR-3524	24	2.2	3	151								144	141	138	135	126	115	102	88	69	30				815	7.6	
HUR-3532	32	3	4	203								195	192	188	185	173	160	143	123	100	50				1028	9.7	
HUR-3540	40	3.7	5	253								242	238	233	228	215	198	179	155	129	66				1220	11.4	
HUR-3544	44	4	5.5	278								264	260	254	248	232	213	192	167	139	71				1359	12.2	
HUR-4507	7	0.75	1	42											36	34	32	30	28	25	19	11			390	3.7	
HUR-4510	10	1.1	1.5	62											53	51	48	45	41	38	29	18			483	4.6	
HUR-4514	14	1.5	2	90											77	74	71	68	63	59	46	28			607	5.7	
HUR-4520	20	2.2	3	125											107	102	97	92	86	80	62	40			831	7.5	
HUR-4527	27	3	4	169											145	139	131	123	115	107	84	55			1086	10.6	
HUR-4534	34	3.7	5	208											178	170	162	153	143	132	103	66			1325	12.6	
HUR-4536	36	4	5.5	221											190	181	173	164	154	143	112	72			1384	13.2	
HUR-4549	49	5.5	7.5	302											257	246	234	222	209	193	151	96			1863	16.9	
HUR-50E05	5	0.75	1	33														27	26	25	22	19	14	9	330	3.2	
HUR-50E07	7	1.1	1.5	47														39	38	37	33	28	21	14	395	3.8	
HUR-50E10	10	1.5	2	67														57	55	53	47	39	31	21	485	4.6	
HUR-50E15	15	2.2	3	100														83	81	78	70	59	46	31	640	6.1	
HUR-50E21	21	3	4	140														118	115	110	99	83	64	43	865	8.2	
HUR-50E29	29	4	5.5	194														163	158	152	137	118	93	66	1150	10.7	
HUR-50E34	34	5.5	7.5	229														193	187	180	163	140	113	80	1325	13.2	
HUR-50E39	39	5.5	7.5	262														217	210	202	184	161	128	87	1480	14.5	
HUR-50E45	45	7.5	10	302														256	247	237	215	187	152	107	1745	17.1	
HUR-50E51	51	7.5	10	340														286	277	267	240	208	169	122	1930	18.6	
HUR-5004	4	0.75	1	26														24	23	22	21	19	17	15	12	294	2.8
HUR-5006	6	1.1	1.5	39														36	35	34	32	29	26	22	17	356	3.4
HUR-5008	8	1.5	2	52														48	47	46	43	39	35	29	24	418	4
HUR-5013	13	2.2	3	82														75	73	71	66	59	50	40	30	573	5.5
HUR-5017	17	3	4	108														98	96	94	87	79	70	58	46	697	6.6
HUR-5021	21	3.7	5	132														117	114	111	103	93	82	68	52	859	7.8
HUR-5023	23	4	5.5	148														134	131	127	118	108	95	79	60	921	9.4
HUR-5032	32	5.5	7.5	202														182	178	172	160	143	125	105	80	1238	12
HUR-5042	42	7.5	10	265														239	232	225	208	188					

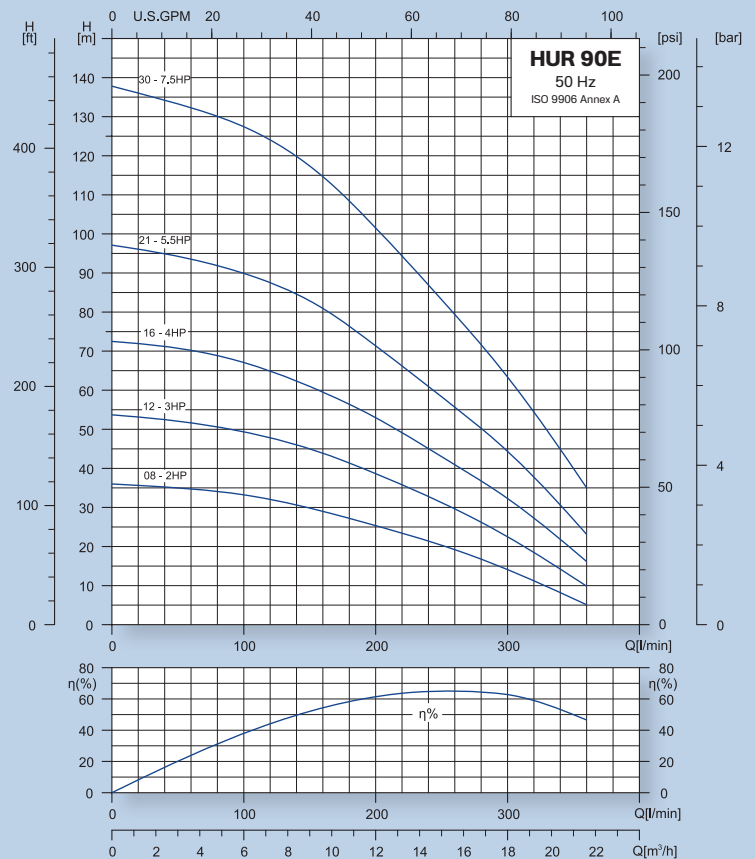
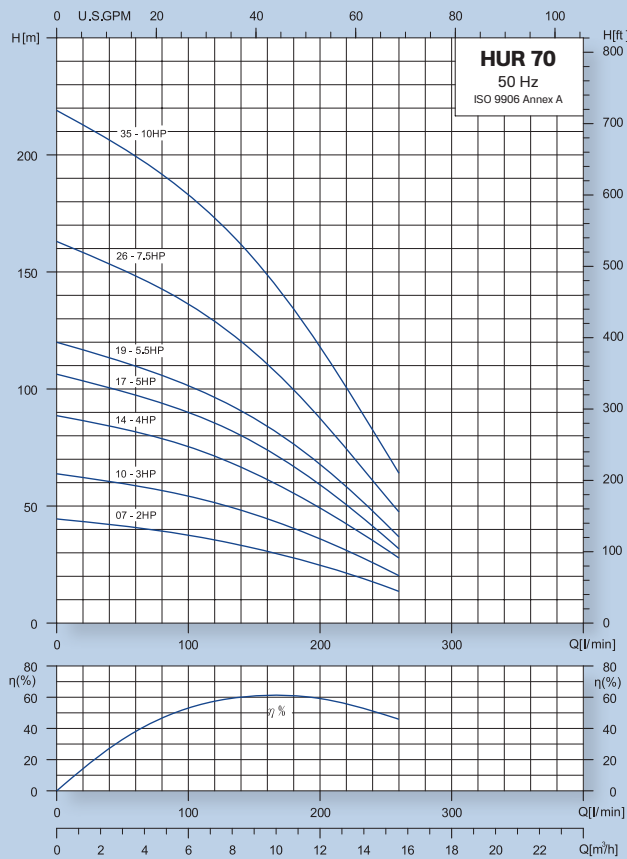
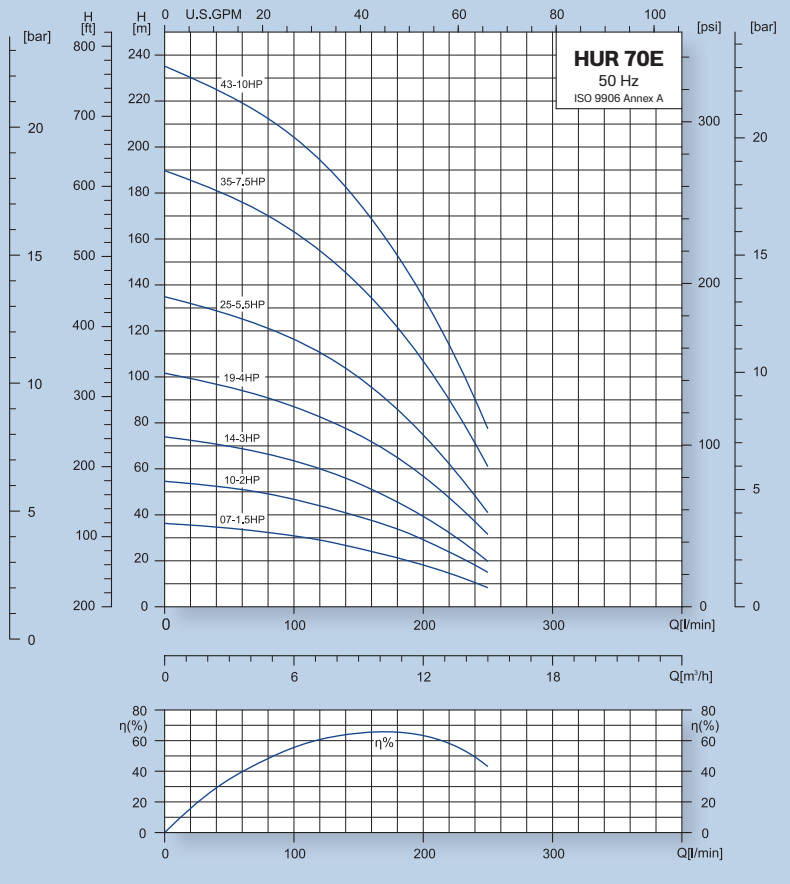
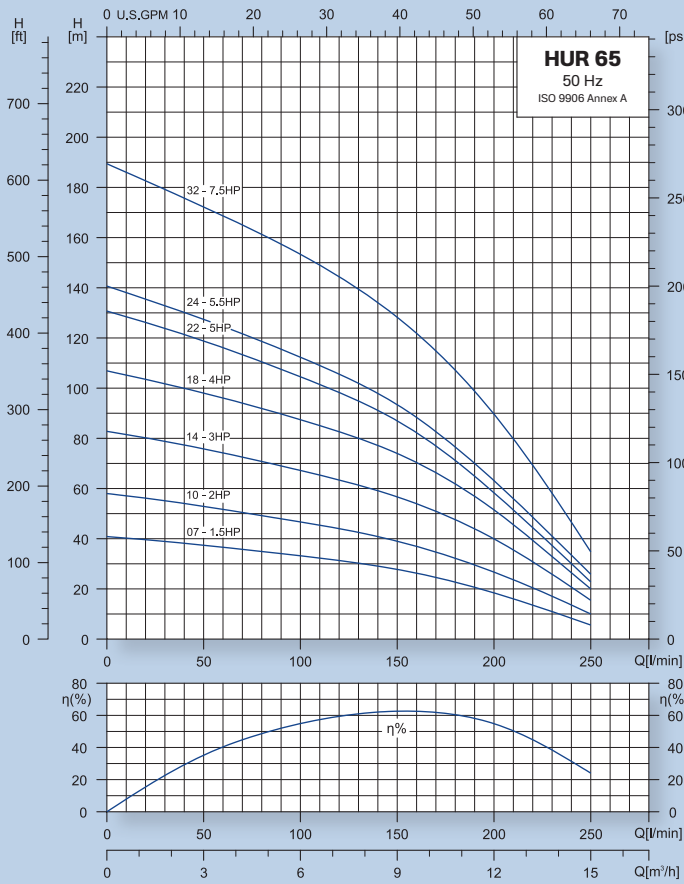
Performance Curves



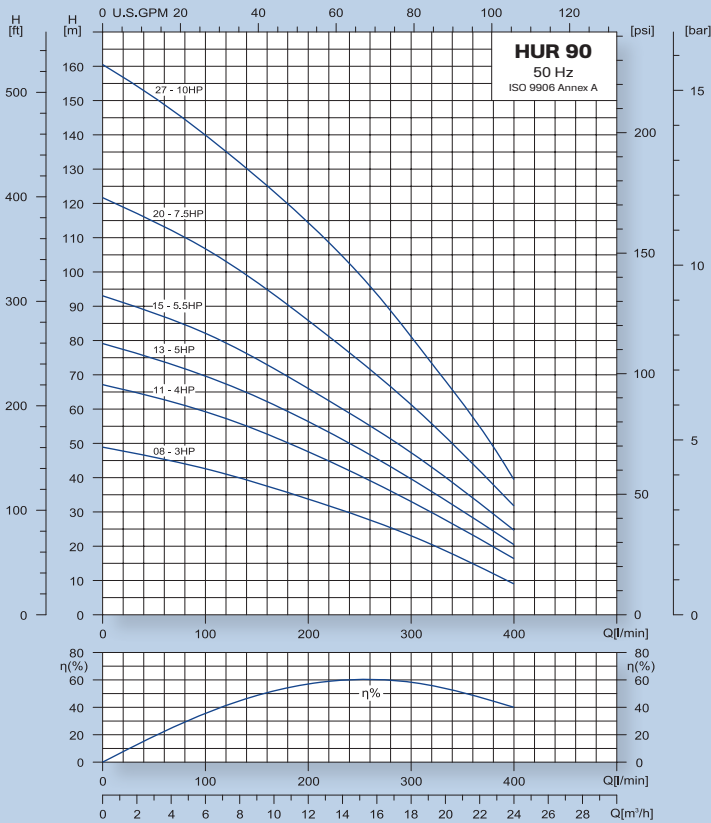
Performance Curves



Performance Curves

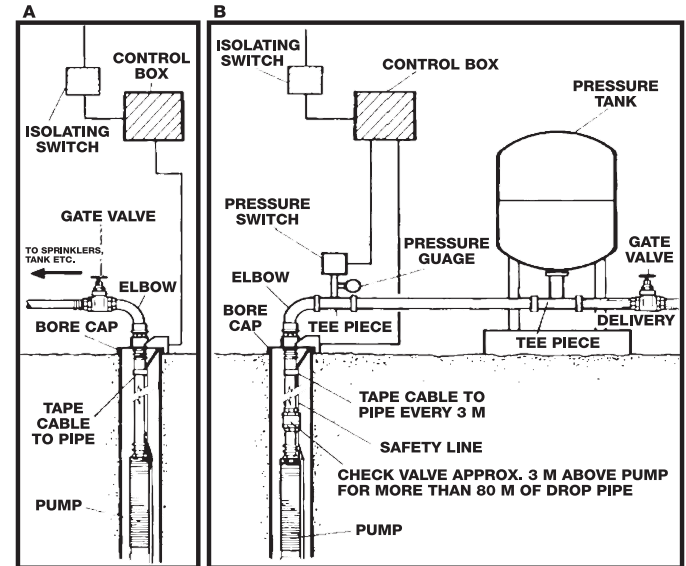


Performance Curves



การติดตั้งมาตรฐาน TYPICAL INSTALLATION

A. PUMP CONNECTED FOR MANUAL OPERATION.
B. PUMP INSTALLED AS AN AUTOMATIC PRESSURE SYSTEM INCORPORATING PRESSURE TANK AND PRESSURE SWITCH.



รุ่นปริมาณน้ำมาก (HIGH CAPACITY TYPE)

รุ่น	จำนวนใบพัด	มอเตอร์		Q = ปริมาณน้ำ																				ปั๊ม	
		วัตต์	แรงม้า	ลิตร/นํ้า	80	90	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400			
				คิว/ชม.	4.8	5.4	6	7.2	8.4	9.6	10.8	12	13.2	14.4	15.6	16.8	18	19.2	20.4	21.6	22.8	24			
				H = ความสูงเป็นเมตร																				ความยาว (mm)	น้ำหนัก (kg)
HUR-6507	7	1.1	1.5	41	35	34	33	32	29	26	23	18	14	8										537	5.3
HUR-6510	10	1.5	2	58	49	48	47	44	41	37	32	27	20	13										693	6.7
HUR-6514	14	2.2	3	83	71	69	67	63	58	54	48	40	31	20										901	8.5
HUR-6518	18	3	4	107	92	90	87	83	77	70	62	52	39	26										1147	10.4
HUR-6522	22	3.7	5	131	110	107	104	98	91	82	71	58	45	30										1345	12.3
HUR-6524	24	4	5.5	141	118	116	113	106	97	88	77	63	49	33										1449	13.2
HUR-6532	32	5.5	7.5	189	162	157	153	144	134	122	107	90	70	47										1866	17
HUR-70E07	7	1.5	2	45				31	29	27	24	21	18	15	11									540	4.9
HUR-70E10	10	2.2	3	64				47	44	41	38	34	29	24	18									695	6.3
HUR-70E14	14	3	4	89				64	60	56	51	46	39	32	24									905	8.1
HUR-70E19	19	3.7	5	107				87	83	78	72	65	57	48	37									1240	11
HUR-70E25	25	4	5.5	120				116	111	104	96	86	75	62	48									1570	14.3
HUR-70E35	35	5.5	7.5	190				163	155	145	134	122	107	90	71									2165	19.8
HUR-70E43	43	7.5	10	219				204	194	183	169	153	135	114	90									2585	24
HUR-7007	7	1.5	2	45				37	36	33	31	28	25	22	18	14								534	5.3
HUR-7010	10	2.2	3	64				54	52	48	44	41	36	32	26	20								690	6.7
HUR-7014	14	3	4	89				76	72	67	62	56	49	43	35	28								989	8.6
HUR-7017	17	3.7	5	107				90	86	80	74	67	59	51	42	32								1092	10.1
HUR-7019	19	4	5.5	120				102	97	91	89	76	68	58	48	37								1233	12
HUR-7026	26	5.5	7.5	163				136	129	120	111	100	87	75	61	48								1620	15.3
HUR-7035	35	7.5	10	219				183	173	162	149	134	118	111	82	64								2165	19.6
HUR-7038	38	7.5	10	239				201	191	178	165	150	134	114	93	70								2322	21.5
HUR-90E08	8	2.2	3	36					31	29	27	25	23	21	19	17	14	11	8	5				680	6.1
HUR-90E12	12	3	4	54					46	44	41	39	36	33	30	26	23	18	14	10				950	8.4
HUR-90E16	16	3.7	5	73					62	60	56	53	49	45	41	37	32	27	21	16				1220	10.8
HUR-90E21	21	4	5.5	97					85	81	76	71	66	59	56	50	44	38	30	23				1610	14.7
HUR-90E30	30	5.5	7.5	138					120	115	108	102	94	85	79	72	63	54	45	35				2225	20.1
HUR-9006	6	1.5	2	42					32	30	28	26	24	22	20	19	16	14	12	10	7	6		540	4.8
HUR-9008	8	2.2	3	51					41	39	37	35	33	31	29	27	24	22	20	17	14	12		676	6.3
HUR-9011	11	3	4	70					57	54	52	49	47	44	41	38	34	31	28	24	21	18		880	8.1
HUR-9013	13	3.7	5	81					67	64	61	58	55	52	48	45	41	38	34	30	26	22		1013	9.3
HUR-9015	15	4	5.5	97					79	76	73	69	66	63	58	54	50	46	41	36	32	27		1149	10.5
HUR-9020	20	5.5	7.5	125					102	98	94	89	84	79	74	70	65	60	54	48	43	37		1543	13.5
HUR-9027	27	7.5	10	161					130	125	120	114	109	102	96	89	81	73	65	57	49	39		2020	18.5

ซูเปอร์ เฮอริเคน

4" เครื่องสูบน้ำบาดาล สแตนเลส

SUPER
HURRICANE
4" SUBMERSIBLE PUMPS

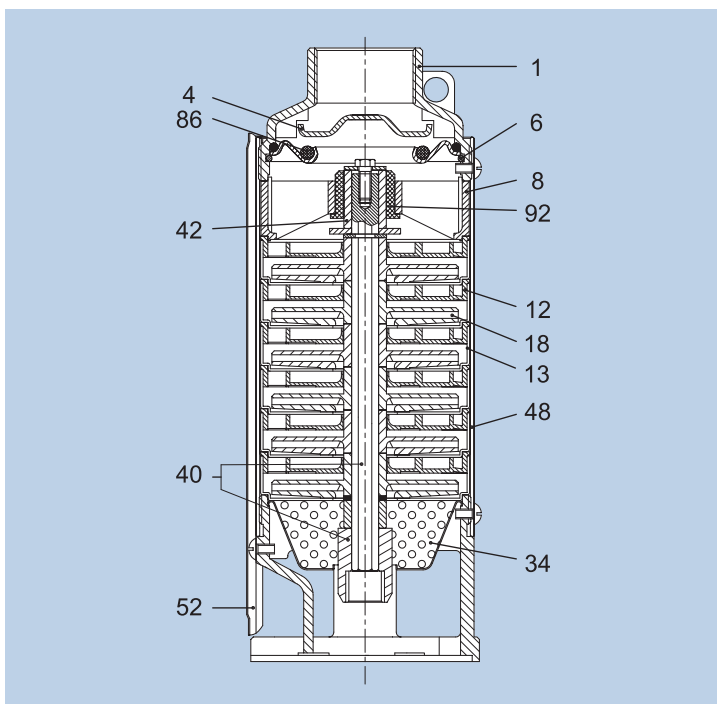
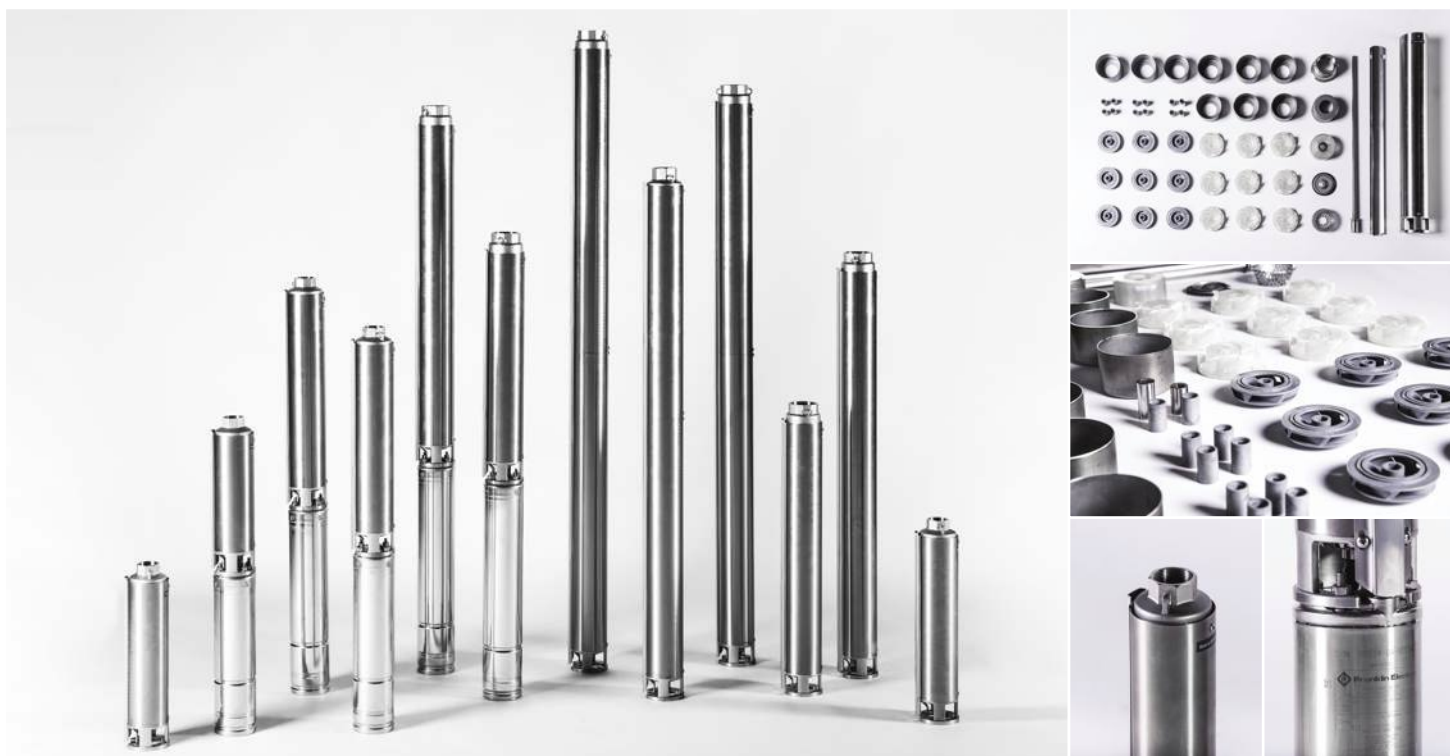
คุณลักษณะพิเศษ

ใบพัดแบบลอยตัว (Impellers are floating type)

ระบบสลัดทรายได้ดีที่สุด เพิ่มประสิทธิภาพให้ปริมาณน้ำและกำลังส่งสูงมากกว่ารุ่นอื่นๆ เมื่อใช้งาน

อุปกรณ์ชิ้นส่วนที่ผลิตจากสแตนเลส (STAINLESS STEEL)

- | | | | |
|--------------------------|--------------------|------------------|-------------|
| • OUTLET DISCHARGE | หัวจ่ายเครื่องสูบ | • CABLE GUARD | ฝาครอบสายไฟ |
| • CHECK VALVE BUILD - IN | ใช้วาล์วในตัว | • SHAFT COUPLING | ข้อต่อเพลา |
| • PUMP CASING | ตัวเสื้อเครื่องสูบ | • STRAINER | แผ่นกรอง |
| • MOTOR BRACKET | ฐานเครื่องสูบ | • SHAFT | เพลาปั๊ม |

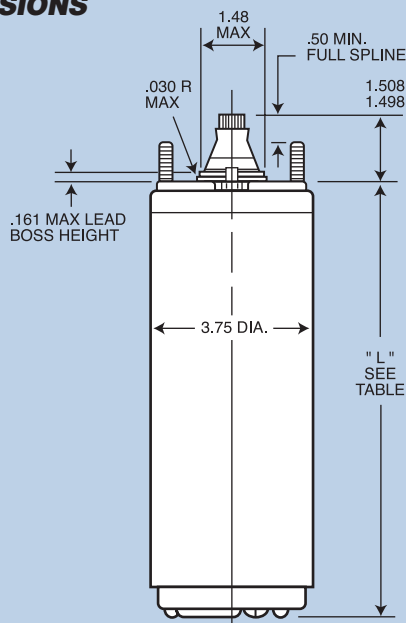


MATERIALS

Pos.	Part Name	Materials
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

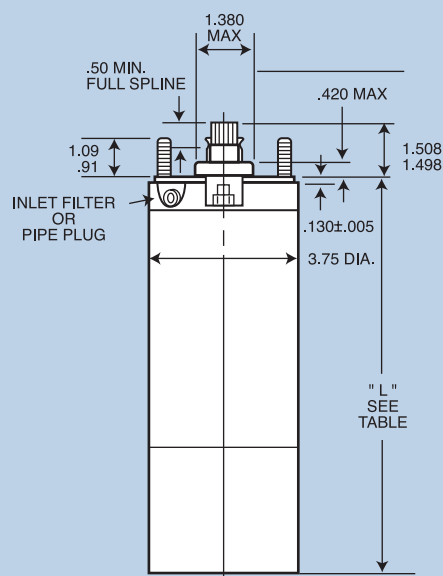
4" SUPER STAINLESS SUBMERSIBLE MOTORS

DIMENSIONS



4" HIGH THRUST SUBMERSIBLE MOTORS

DIMENSIONS



- ① 60 Hz-Nominal 3,450 RPM
50 Hz-Nominal 2,875 RPM

- ② Removable Type Installed in North American 60 Hz Rated Water Well Motors.
Consult Factory For Additional Leads.

Specifications subject to change without notice.
Contact F.E. if current material types are required for bid specifications.



Franklin Electric, U.S.A.



SUPER STAINLESS MOTORS

Component	Standard Water Well
Castings	304 SS over Iron
Stator Shell	301 SS
Shaft Extension	17-4 SS or 303 SS
Fasteners	305 SS or 302 SS
Seal Cover	Acetal
Seal	Nitrile Lip
Diaphragm	Nitrile
Slinger	Nitrile
Lead Wire (or Cable)	XLPE
Lead Potting	Epoxy
Lead Jam Nut	303 SS

HIGH TRUST MOTORS

Component	Standard Water Well
Top Casting	303 SS
Bottom Castings	304 SS over painted iron
Stator Shell	301 SS
Stator Ends	Low-carbon steel
Shaft Extension	17-4 SS
Fasteners	300 series SS
Seal Cover	Acetal
Seal	Nitrile Lip
Diaphragm	Nitrile
Diaphragm Cup	316 SS
Diaphragm Spring	316 SS
Diaphragm Cover	Grey Iron
Slinger	Nitrile
Lead Wire (or Cable)	XLPE*
Lead Potting	Epoxy
Lead Screws / Clamp	316 SS
Filter	Delrin/polyester

SINGLE-PHASE MOTOR SPECIFICATIONS (50 HZ), 2875 RPM, 1.0 SERVICE FACTOR

Motor Model Prefix	Nameplate Rating				Full Load Watts	Line to Line (1) Resistance (Ohms)	
	KW	HP	Volts	Amps		Main	Start
214555	0.37	1/2	220	4.2	650	6.4-7.8	19.4-23.7
214558	0.75	1	220	7.6	1200	3.2-3.9	14.7-18.0
224350	1.1	1 1/2	220	10	1690	2.4-2.9	6.4-7.8
224351	1.5	2	220	12.1	2160	2.0-2.5	8.0-9.7
224352	2.2	3	220	17.8	3270	1.1-1.4	3.7-4.5
224353	3.7	5	220	26	5150	.79-.97	2.4-2.9

THREE-PHASE MOTOR SPECIFICATIONS (50 HZ), 2875 RPM, 1.0 SERVICE FACTOR

Motor Model Prefix	Nameplate Rating				Full Load Watts	Line to Line (1) Resistance (Ohms)
	KW	HP	Volts	Amps		
234551	0.37	1/2	220	1.8	560	18.3-22.4
234561			380	1.1	560	56.8-69.4
234553	0.75	1	220	3.5	1055	8.4-10.3
234563			380	2.1	1055	26.1-31.9
234554	1.1	1 1/2	220	5.2	1465	4.3-5.2
234524			380	3.0	1465	13.2-16.2
234355	1.5	2	220	6.9	1970	3.0-3.7
234325			380	4.0	1970	9.4-11.5
234356	2.2	3	220	10.4	2930	2.1-2.7
234326			380	6.0	2930	6.7-8.2
234494	3	4	220	12.6	3940	1.5-1.8
234395			380	7.3	3940	4.9-6.0
234357	3.7	5	220	15.5	4860	1.1-1.4
234327			380	9.0	4860	3.6-4.4
234396	4.0	5 1/2	220	18	5275	1.0-1.3
234397			380	10.1	5275	3.2-3.9
234358	5.5	7 1/2	220	22.8	7175	.75-.92
234328			380	13.0	7175	2.3-2.8
234595	7.5	10	380	18.7	9580	1.7-2.1

Performance is typical, not guaranteed, at specified voltages.
Performance of 1984 and older models, not listed is similar, but not identical.