



수 중 펌 프

수중배수펌프 HSP Series

수중배수펌프 (HSP Series)

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수중배수펌프 소개 174

02

외형 치수 177

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성능곡선도

HSP50-0.75	0.2 m ³ /min	10m	178
HSP50-1.5	0.35 m ³ /min	15m	178
HSP80-2.2	0.36 m ³ /min	20m	179
HSP80-3.7	0.50 m ³ /min	25m	179
HSP80-5.5	0.50 m ³ /min	30m	180
HSP100-7.5	0.92 m ³ /min	30m	180

수중배수펌프 소개

외형 구조



① 전원케이블



② 펌프 몸체



③ 흡입케이싱



④ 플랜지



⑤ 플랜지엘보

적용 분야

- 배수펌프 - 자연배수가 되지 않는 다가구주택, 빌딩, 아파트, 일반 잡배수, 정화조, 사육장, 지하 침출수 배수용, 기계실/위생설비 배수용, 장식용 소형분수, 폭포수
- 오수펌프 - 오수 및 폐수의 배수용, 슬러지 배수용, 오·폐수처리장, 공장, 산업처리용 축사

모델 형식

HSP 50 - 0.75 - 3 (C)

오토커플링 (옵션)

입력 전원
3 : 3상 380V

펌프동력 (kW)

토출구경 (mm)

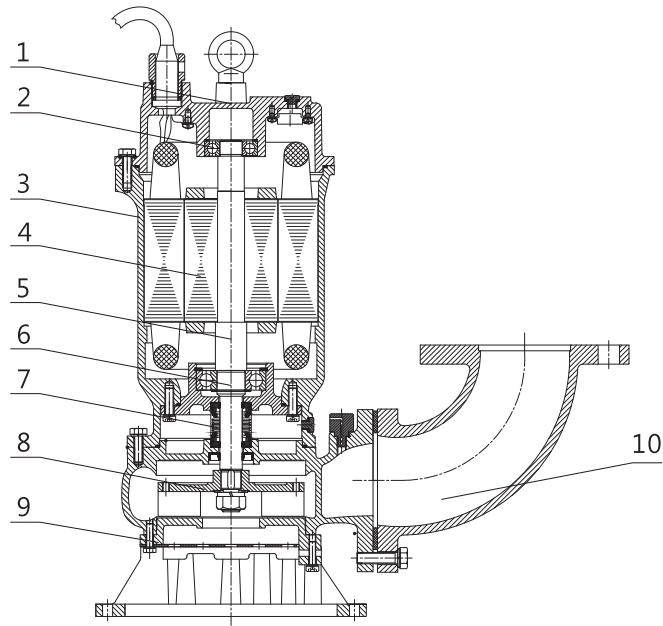
형식

기술 사양

* 사용 유체온도 : 0~40°C

모델	입력전원 (V)	동력(P)		유량(Q)		양정(H)		토출구경 (A)	중량 (Kg)
		kW	HP	m³/h	m³/min	m	최대(m)		
HSP50-0.75-3	3Ø X 380	0.75	1	12	0.20	10	14	50	22
HSP50-1.5-3	3Ø X 380	1.5	2	21	0.35	15	18	50	29
HSP80-2.2-3	3Ø X 380	2.2	3	22	0.36	20	24	80	33
HSP80-3.7-3	3Ø X 380	3.7	5	30	0.50	25	34	80	42
HSP80-5.5-3	3Ø X 380	5.5	7.5	30	0.50	30	32	80	65
HSP100-7.5-3	3Ø X 380	7.5	10	55	0.92	30	36	100	74

내부 단면도



구성품 재질

구분	구성품	재질
1	상단케이싱 (Upper casing)	GC200
2	상부베어링 (Upper Bearing)	SAE 52100
3	펌프 몸체 (Pump Body)	GC200
4	모터 (Motor)	Dry submersible motor
5	샤프트 (Motor Shaft)	STS304
6	하부베어링 (Lower Bearing)	SAE 52100
7	메카니컬 씸 (Mechanical Seal)	Hot graphite, carbide silcon, carbide tungsten
8	임펠러 (Impeller)	GC200
9	흡입케이싱 (Suction casing)	GC200
10	플랜지 엘보 (Flange Elbow)	GC200

구성품 규격

모델	매카니컬씸		베어링		케이블		
	타입	모델	상부	하부	단면적(mm ²)	심수(C)	길이(m)
HSP50-0.75-3	Double - End	208-17/38	6203-2RS	6204-2RS	1	4	6
HSP50-1.5-3		208-20/38	6204-2RS	6205-2RS	1	4	6
HSP80-2.2-3		208-20/40	6204-2RS	6205-2RS	1.5	4	6
HSP80-3.7-3		208-20/40	6204-2RS	6205-2RS	1.5	4	6
HSP80-5.5-3		208-30/51	6205-2RS	6208-2RS	4	4	6
HSP100-7.5-3		208-30-51	6205-2RS	6208-2RS	4	4	6

수중배수펌프 소개

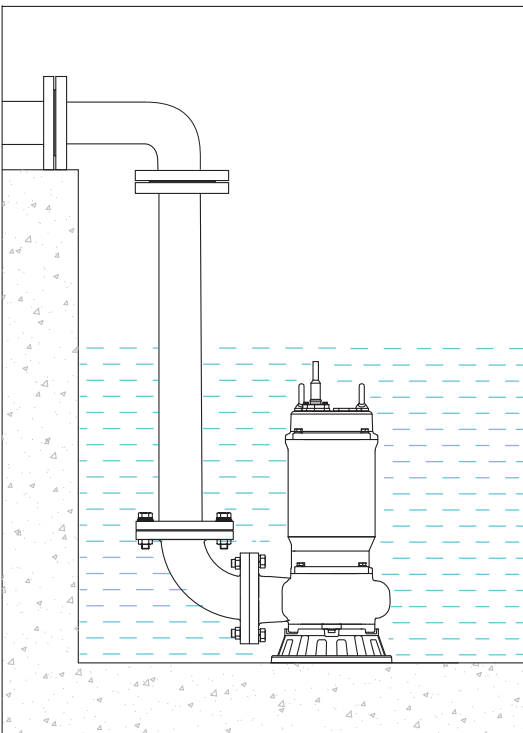
기본 - 플랜지 엘보(Flange Elbow)



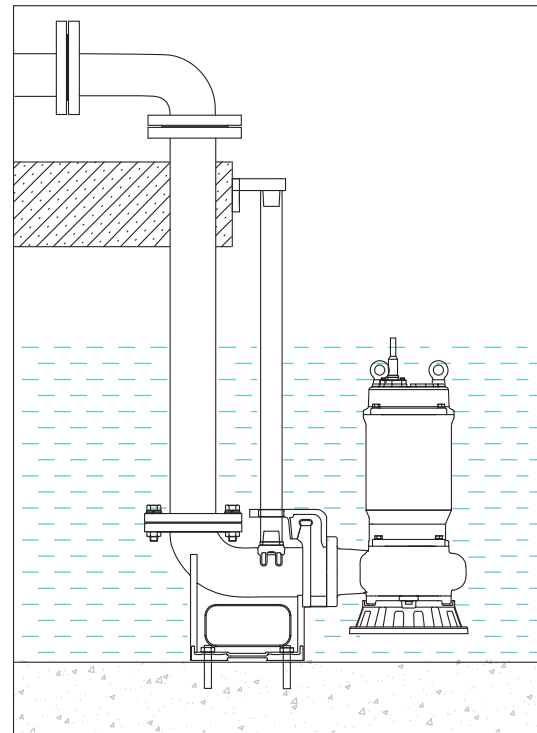
옵션 - 오토커플링(Auto Coupling)



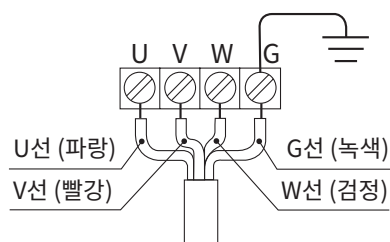
설치 구조 - 기본

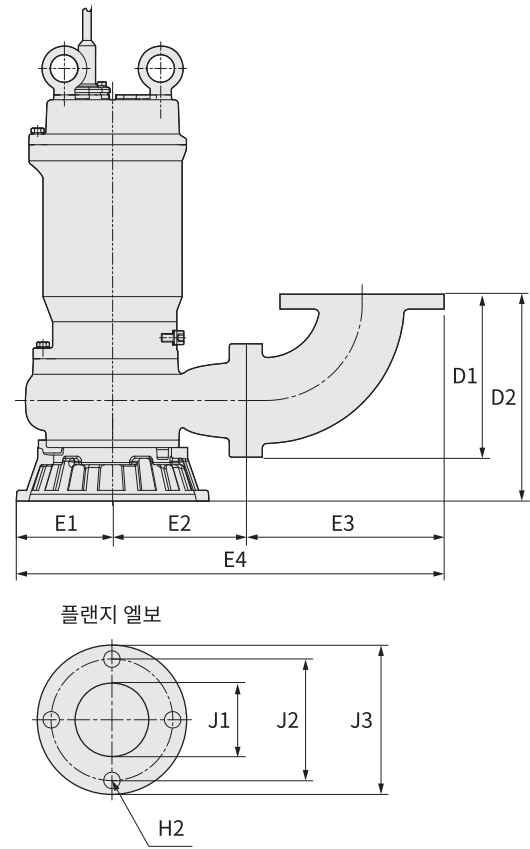
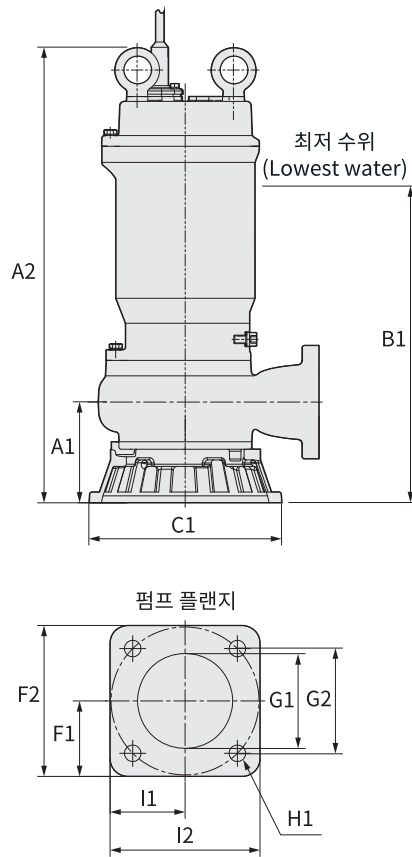


설치 구조 - 옵션



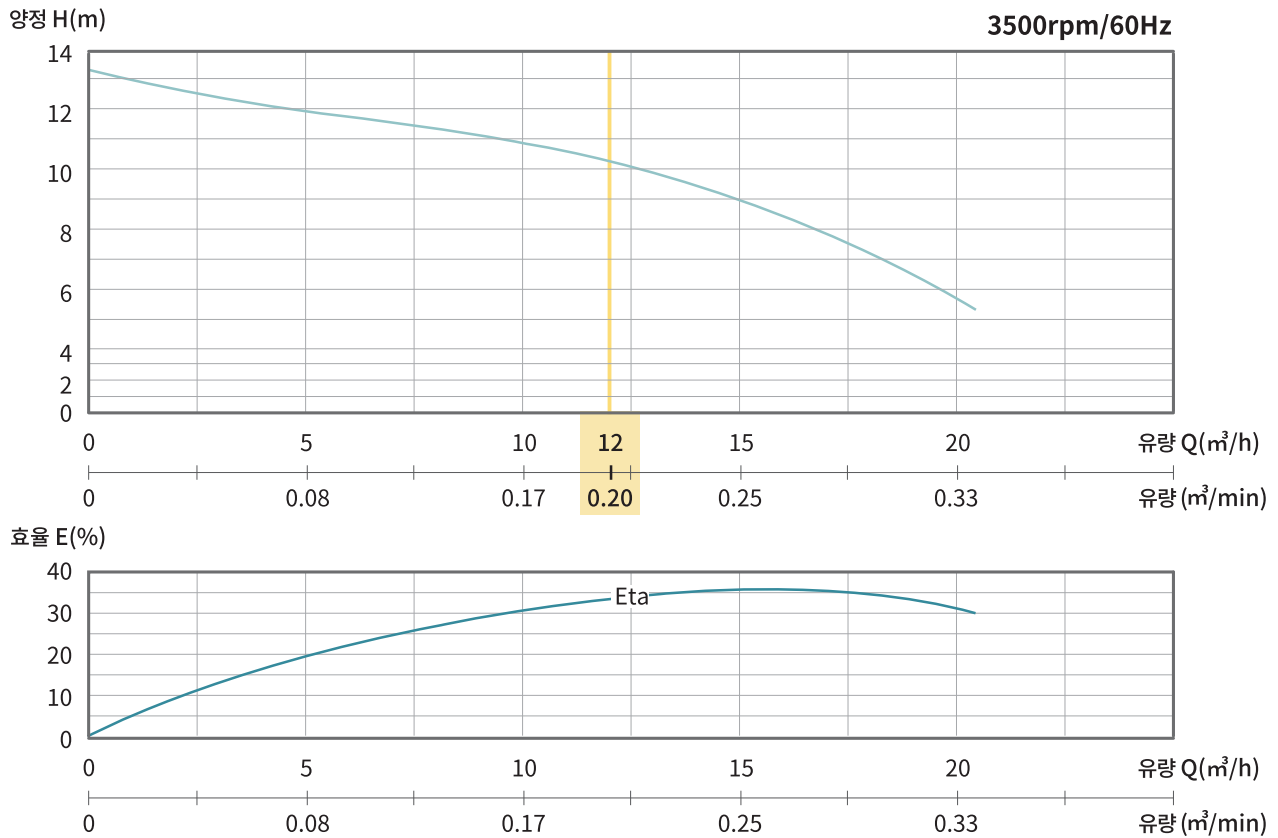
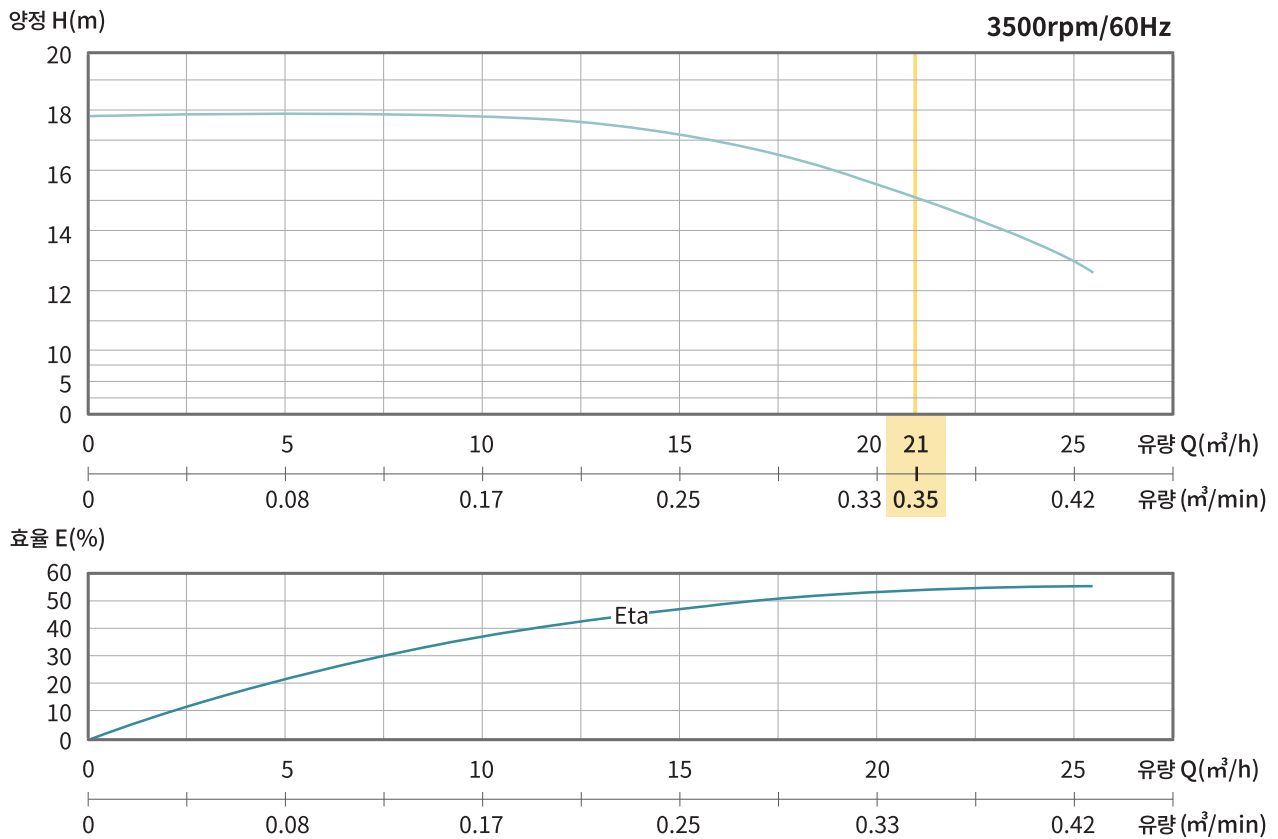
배선 방법

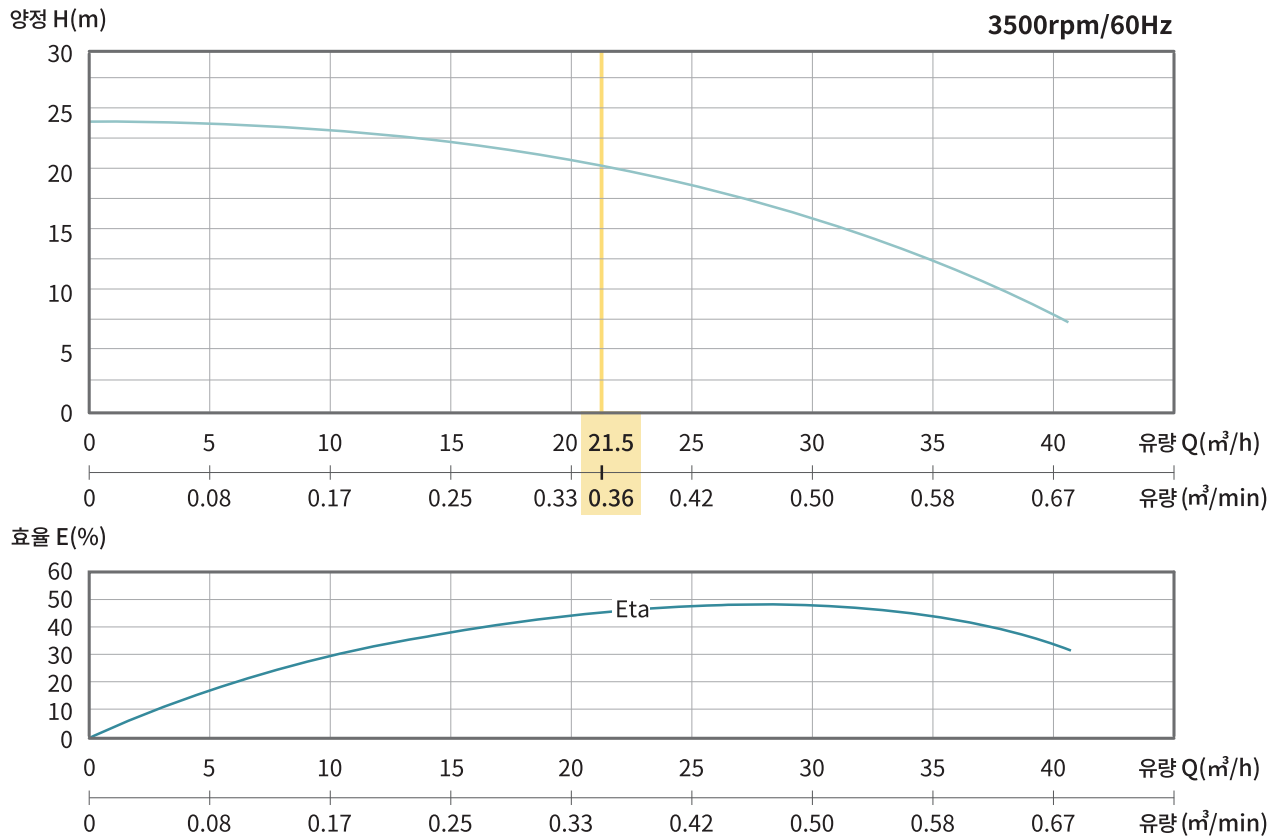
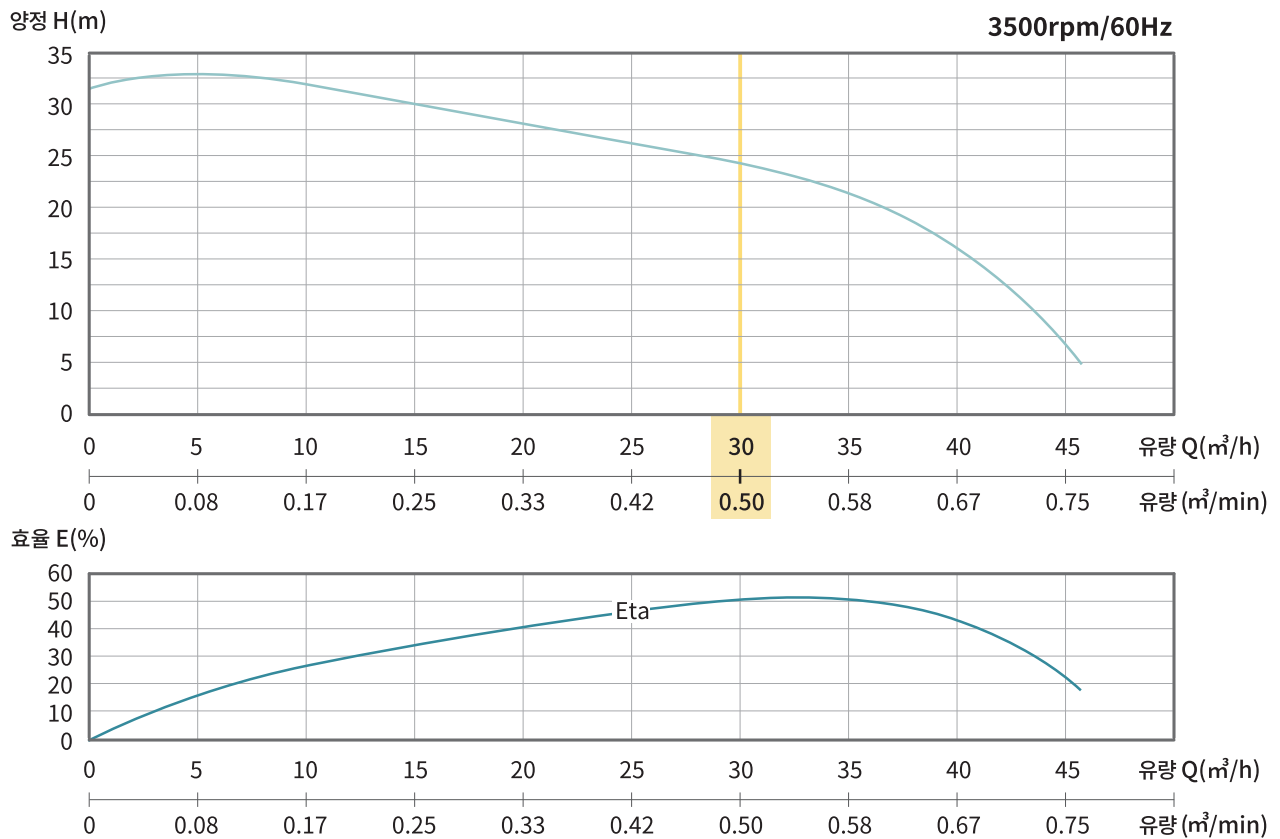




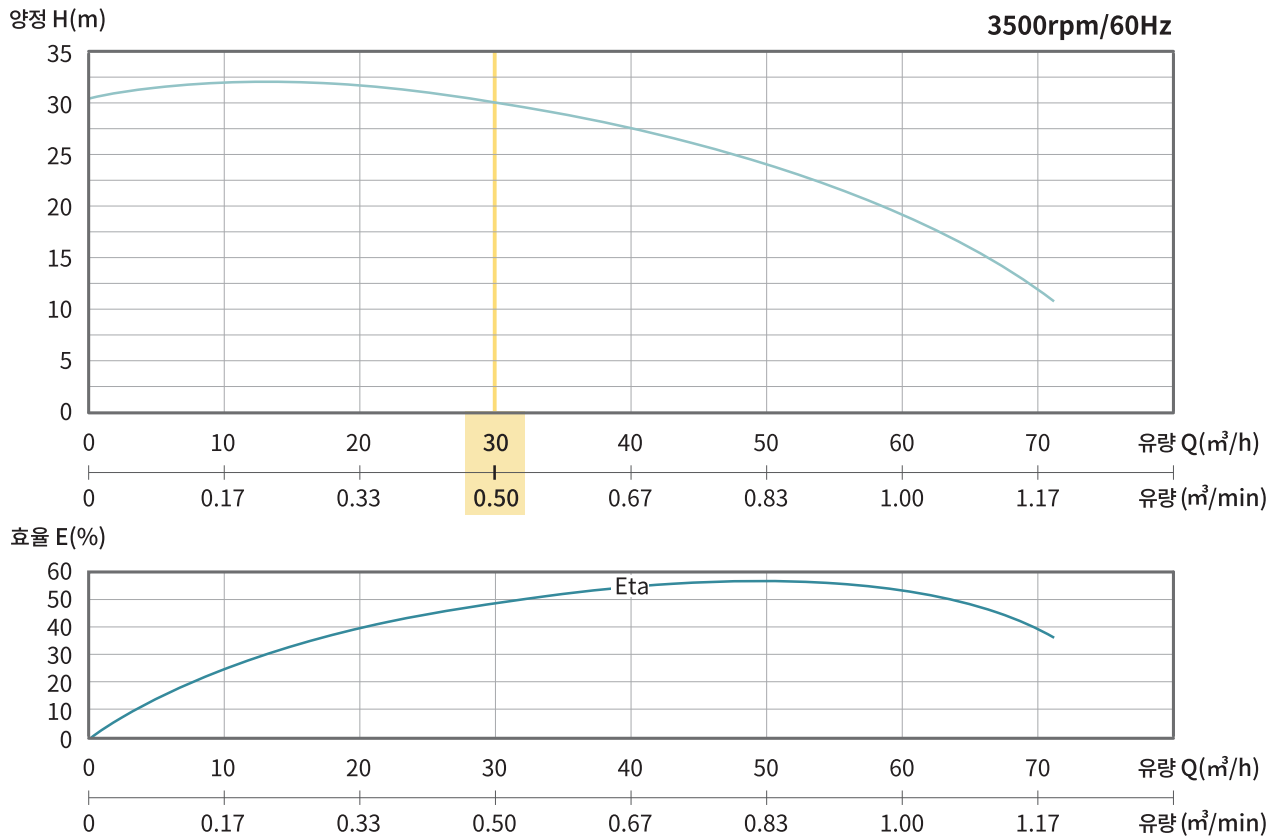
모델	동력		외형치수(mm)									
	KW	HP	A1	A2	B1	C1	D1	D2	E1	E2	E3	E4
HSP50-0.75-3	0.75	1	95	425	300	180	142.5	184	90	125	170	385
HSP 50-1.5-3	1.5	2	105	485	440	240	142.5	194	120	143	170	433
HSP 80-2.2-3	2.2	3	108	655	370	240	185	229.5	120	130	223.5	473.5
HSP 80-3.7-3	3.7	5	138	560	400	240	185	259.5	120	130	223.5	473.5
HSP 80-5.5-3	5.5	7.5	120	630	470	260	185	241.5	130	170	223.5	523.5
HSP 100-7.5-3	7.5	10	120	670	490	260	231.5	268.5	130	175	230	535

모델	펌프 플랜지(mm)							플랜지엘보(mm)				
	F1	F2	G1	G2	I1	I2	H1	J1	J2	J3	H2	KS 규격
HSP50-0.75-3	53.5	107	52	105.5	55	110	4-Ø12	52	120	154	4-Ø19	KS 50A/10K
HSP 50-1.5-3	53.5	107	52	105.5	55	110	4-Ø12	52	120	154	4-Ø19	KS 50A/10K
HSP 80-2.2-3	63.5	127	80	124.5	63	126	4-Ø12	80	150	187	4-Ø19	KS 80A/10K
HSP 80-3.7-3	63.5	127	80	124.5	63	126	4-Ø12	80	150	187	4-Ø19	KS 80A/10K
HSP 80-5.5-3	63.5	127	80	124.5	63	126	4-Ø12	80	150	187	4-Ø19	KS 80A/10K
HSP 100-7.5-3	83	166	102	163	83	166	4-Ø14	102	175	210	4-Ø19	KS 100A/10K

HSP 50-0.75-3

HSP 50-1.5-3


HSP 80-2.2-3

HSP 80-3.7-3


HSP 80-5.5-3



HSP 100-7.5-3

