

C 1024 K D



HES

Hyosung End Suction Standard Pump

| 편흡입 벌루트 펌프



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A/S CENTER 1544-5580

Global Excellence, Hyosung Pump & Water

 효성굿스프링스(주)

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여수영업소 전남 여수시 화장동 845-6 TEL : 061-691-2601



용도 | Application



특징 | Features

01. 한국산업규격(KS B 7501) 제품으로 용량 및 치수를 표준화함
02. 고객의 다양한 요구사항에 대응하는 경제적인 펌프 선택 가능
03. 3차원 수력학적 회전차 설계 및 전산유체역학(CFD)해석으로 넓은 사용범위에서도 효율을 극대화
04. 회전체의 동적해석(Rotor Dynamics) 및 구조물의 유한요소법(FEM) 해석을 통한 저진동, 저소음 구현
05. 흡입, 토출 배관을 분리하지 않고 분해, 점검이 가능한 Back-Pull-Out구조 채용
06. GT(Group Technology)기법을 도입, 부품의 호환성을 극대화시킨 구조
07. 오랜 경험과 충분한 연구 및 최첨단 기술을 적용하여 설계되어 사용범위가 넓고, 우수한 운전특성을 지님
08. 국내 최대 납품실적으로 다양한 산업용으로 사용중인 고신뢰성, 경제적인 제품

호칭 | Model Designation

HES	50	—	200
펌프 모델명 [Model Name]	토출구경 [mm]		회전차 공칭외경 [mm]

표준 사양 | Standard Specification

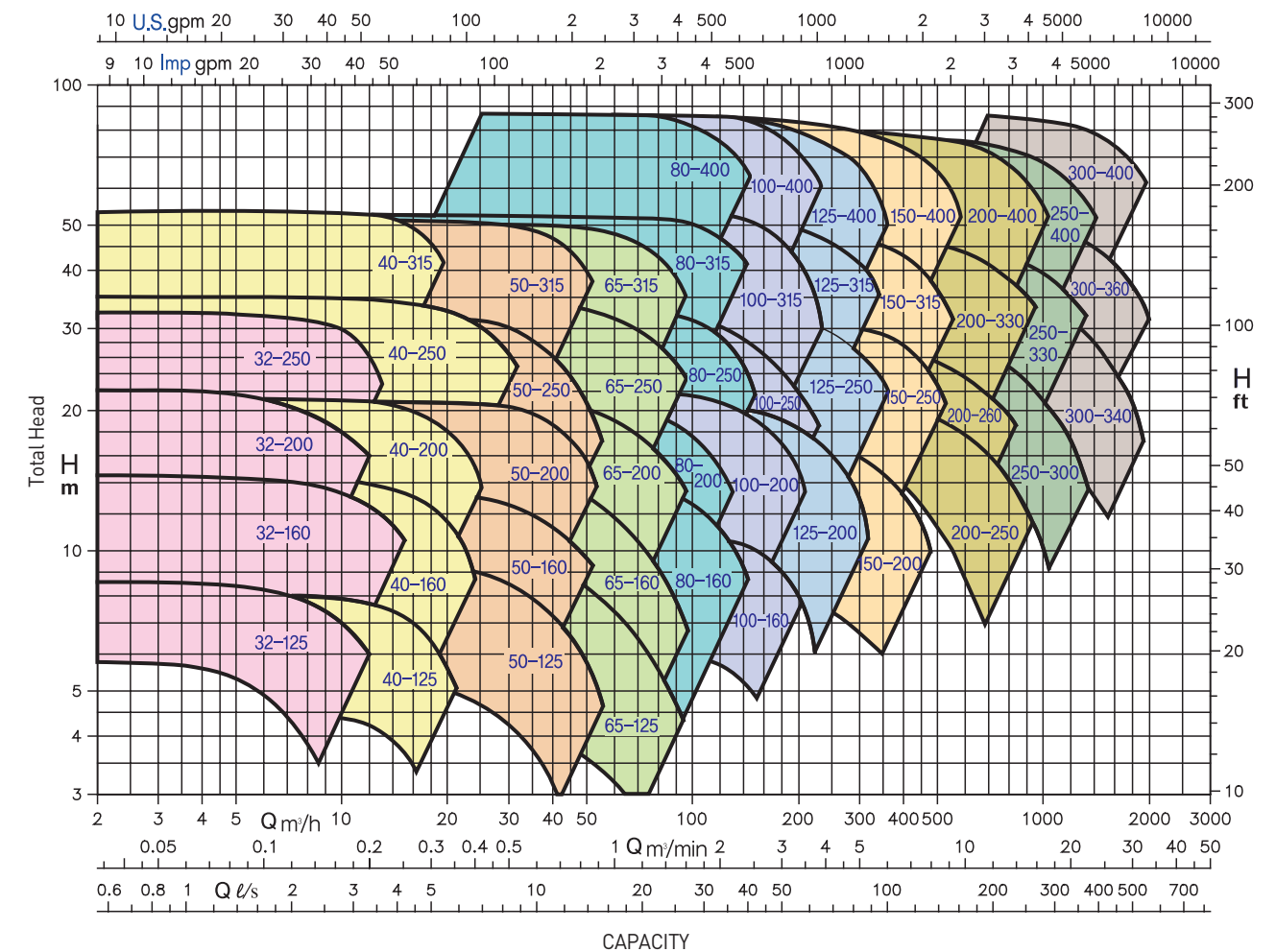
취급액	청수(PH : 5.8~8.6)
유량	2~1800m ³ /hr
양정	3~85m
온도	0~90℃
구경	32~500mm
회전방향	CW(구동기 측에서 펌프를 바라보았을때)
표준허용압입압력	4Kgf/cm ²
구조	회전차 축봉 베어링
플랜지	클로즈형 패킹(테프론 함침 탄화섬유) 볼 베어링
카플링	KS B 1511 10K, RF 물림형(JAW) 카플링 플랜지(FLANGE) 카플링
재질	60HP 이하 75HP 이상 케이싱 회전차 축
	GC200 GC200 SM45C

선택 사양 | Option

- 접액부 재질(조립단면도의 사양란 참고)
- 축봉장치(요구사항)
- Coupling(요구사항)
- 전동기형식(요구사항)
- 각종 계기류, Drain/Vent 배관 구성
- 흡토출 플랜지 규격(별도 문의요망)
- 도장사양(요구사항)

선정도

60Hz (1750RPM)



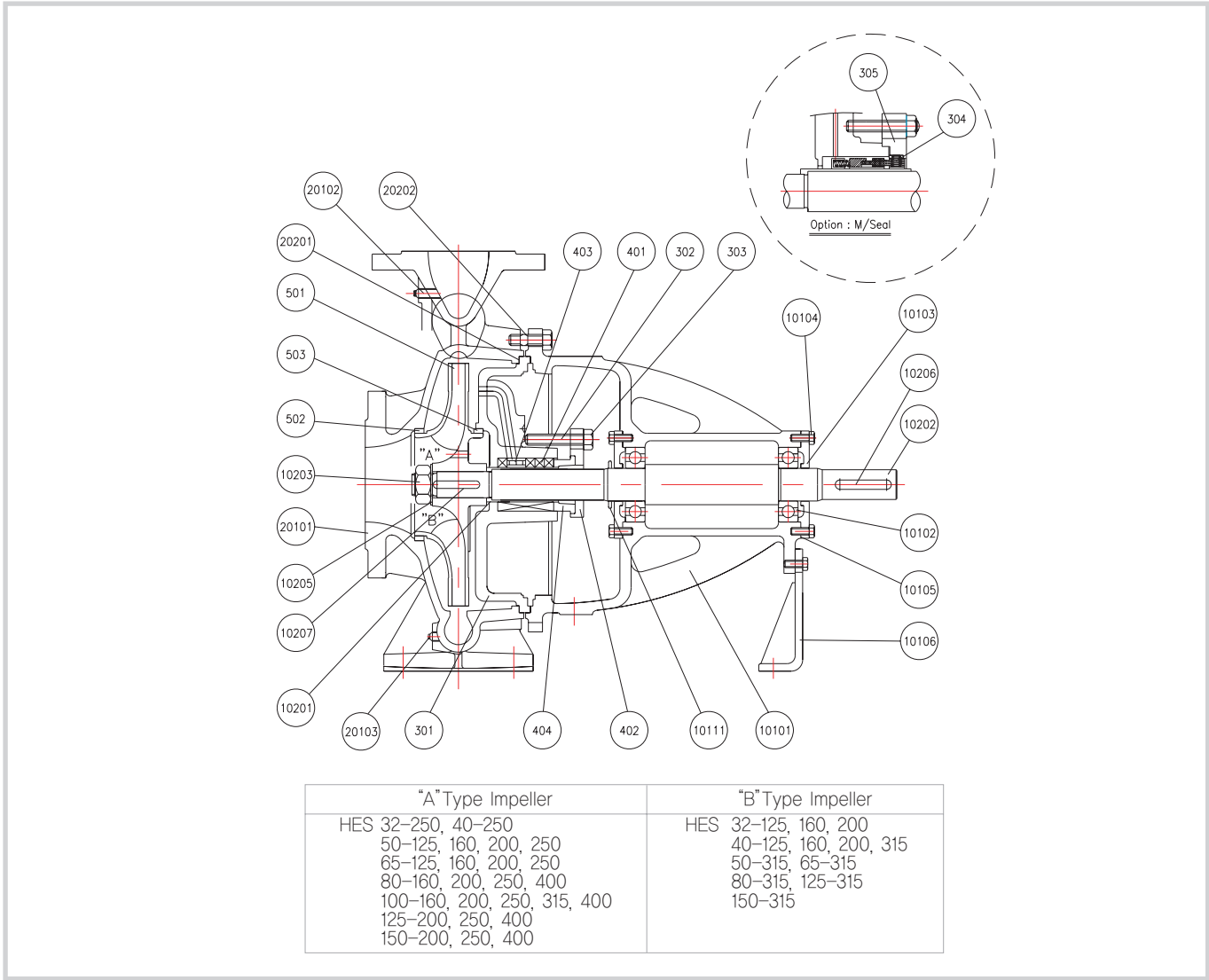
Selection Table

선정표 60Hz (1750RPM)

Q	LPM	67	100	133	167	200	233	267	300	333	367	400	433	467	500	583	667	750	833	917
	m³/Hr	4	6	8	10	12	14	16	18	20	22	24	26	28	30	35	40	45	50	55
H (m)	*SELECTION TABLE 보는 법																			
85	펌프 MODEL 동력(kW) NPSHre(m) 1. Q (m³/Hr, LPM)는 유량, H(m)는 양정입니다. 2. 화전자 및 벌루트 케이싱의 재질이 회주철이나 청동일 경우에 적용가능합니다. 선택사양의 경우는 별도 문의 바랍니다. 3. 본 선정표는 펌프의 개략 선정시에만 사용 바랍니다. 상세 설계시 변경될 수 있습니다. 4. 선정표에서 정해지지 않는 중간사양은 뒷단계의 형식이나 동력을 적용하시기 바랍니다. 선정 예) 90m³/Hr x 26m의 경우 HES 80-250, 11kW X 4P																			
80																				
75																				
70																				
65																				
60																				
55																				
52				40-315	40-315															
49				7.5 6	7.5 5.6															
46				40-315	40-315	40-315	40-315	40-315	50-315	50-315	50-315	50-315	50-315	50-315	50-315	65-315	65-315	65-315	65-315	65-315
43				5.5 6	5.5 5.6	7.5 5.4	7.5 5.3	7.5 5.4	7.5 3.1	7.5 3	7.5 3	7.5 3	7.5 3	7.5 3	7.5 3	11 3	11 3	15 3	15 2.1	15 2.3
40				40-315	40-315	40-315	40-315	40-315	50-315	50-315	50-315	50-315	50-315	50-315	50-315	50-315	50-315	50-315	65-315	65-315
38				5.5 6	5.5 5.6	5.5 5.4	5.5 5.3	7.5 5.4	7.5 3.1	7.5 3	7.5 3	7.5 3	7.5 3	7.5 3	7.5 3	11 3	11 3	11 2	11 2.1	15 2.3
36				40-315	40-315	40-315	40-315	40-315	50-315	50-315	50-315	50-315	50-315	50-315	50-315	50-315	50-315	50-315	65-315	65-315
34				40-315	40-315	40-315	40-315	40-315	50-315	50-315	50-315	50-315	50-315	50-315	50-315	50-315	50-315	50-315	65-315	65-315
32				3.7 6	5.5 2.6	5.5 5.4	5.5 5.3	5.5 5.4	5.5 3.1	5.5 3	5.5 3	7.5 3	7.5 3	7.5 3	7.5 3	7.5 3	11 3	11 2	11 2.1	11 2.3
30				32-250		40-315	40-250	40-250	40-250	40-250	40-250	40-250	40-250	40-250	40-250	50-315	50-315	65-250	65-250	65-250
28				3.7 5.5		3.7 6	3.7 2.6	3.7 2.5	3.7 2.5	5.5 2.6	5.5 2.7	5.5 2.8	7.5 3	7.5 3	7.5 3	7.5 2.1	7.5 2	7.5 2.1	7.5 2.2	11 2.4
26				32-250	32-250	32-250	32-250	40-250	40-250	40-250	40-250	40-250	40-250	40-250	40-250	50-250	50-250	50-250	65-250	65-250
24				2.2 5.5	2.2 4.5	3.7 3.7	3.7 3.5	3.7 2.5	3.7 2.5	3.7 2.6	3.7 2.7	3.7 2.8	5.5 3.1	5.5 2.4	5.5 2.5	5.5 2.5	5.5 2.7	5.5 2	7.5 2.1	7.5 2.4
22				32-250	32-250	32-250	32-250	40-250	40-250	40-250	40-250	40-250	40-250	40-250	40-250	50-250	50-250	50-250	65-250	65-250
20				2.2 2.1	2.2 4.5	2.2 3.7	2.2 3.5	2.2 2.5	3.7 2.5	3.7 2.6	3.7 2.7	3.7 2.8	3.7 3.1	3.7 2.4	3.7 2.5	3.7 2.5	5.5 2.7	5.5 3	5.5 2.1	7.5 2.4
19				32-200	32-200	32-200	32-200	40-200	40-200	40-200	40-200	40-200	50-200	50-200	50-200	50-200	50-200	65-200	65-200	65-200
18				1.5 2.1	1.5 2.3	2.2 3.7	2.2 3.5	2.2 2.5	3.7 2.5	3.7 2.6	3.7 2	3.7 2.1	3.7 2.5	3.7 2.6	3.7 2.9	3.7 3	3.7 3.7	3.7 2.1	5.5 2.2	5.5 2.3
17				32-200	32-200	32-200	32-200	40-200	40-200	40-200	40-200	40-200	50-200	50-200	50-200	50-200	50-200	65-200	65-200	65-200
16				1.5 2.1	1.5 2.3	1.5 2.7	1.5 2.4	1.5 2.5	1.5 2.5	2.2 2.7	2.2 2.9	2.2 2.2	2.2 2.1	3.7 2.5	3.7 2.6	3.7 2.9	3.7 3	3.7 3.7	3.7 2.1	5.5 2.3
15				32-200	32-200	32-200	32-200	40-200	40-200	40-200	40-200	40-200	50-200	50-200	50-200	50-200	50-200	65-200	65-200	65-200
14				0.75 3.1	1.5 2.3	1.5 2.7	1.5 2.4	1.5 2.5	1.5 2.5	2.2 2.7	2.2 2.9	2.2 2.1	2.2 2.1	2.2 2.5	2.2 2.6	2.2 2.9	2.2 3	3.7 3.7	3.7 2.1	5.5 2.3
13				32-160	32-160	32-160	32-160	40-160	40-160	40-160	40-160	40-160	50-160	50-160	50-160	50-160	50-160	65-160	65-160	65-160
12				0.75 3.1	1.5 2.8	1.5 2.3	1.5 2.1	1.5 2.3	1.5 2.3	1.5 2.3	1.5 2.3	1.5 2.3	1.5 2.3	1.5 2.3	1.5 2.3	1.5 2.3	1.5 2.3	2.2 2.8	2.2 2.5	3.7 2.6
11				32-160	32-160	32-160	32-160	40-160	40-160	40-160	40-160	40-160	50-160	50-160	50-160	50-160	50-160	65-160	65-160	65-160
10				0.75 3.1	0.75 2.8	0.75 2.3	0.75 2.1	1.5 2.3	1.5 2.3	1.5 2.3	1.5 2.3	1.5 2.3	1.5 2.3	1.5 2.3	1.5 2.3	1.5 2.4	1.5 2.5	2.2 2.8	2.2 2.5	3.7 2.6
9				32-160	32-160	32-160	32-160	40-160	40-160	40-160	40-160	40-160	50-160	50-160	50-160	50-160	50-160	65-160	65-160	65-160
8				0.75 3.1	0.75 2.8	0.75 2.3	0.75 2.1	1.5 2.3	1.5 2.3	1.5 2.3	1.5 2.3	1.5 2.3	1.5 2.3	1.5 2.3	1.5 2.3	1.5 2.4	1.5 2.5	2.2 2.8	2.2 2.5	3.7 2.6
7				32-125	32-125	32-125	32-125	40-125	40-125	40-125	40-125	40-125	50-125	50-125	50-125	50-125	50-125	65-125	65-125	65-125
6				0.75 4	0.75 3.9	0.75 3.8	0.75 3.8	0.75 2.8	0.75 2.3	0.75 2.3	0.75 2.1	0.75 2.2	0.75 2.2	0.75 2.2	0.75 2.3	1.5 2.3	1.5 2.2	1.5 2.1	1.5 2.4	2.2 2.6
5				32-125	32-125	32-125	32-125	40-125	40-125	40-125	40-125	40-125	50-125	50-125	50-125	50-125	50-125	65-125	65-125	65-125
4				0.75 4	0.75 3.9	0.75 3.8	0.75 3.8	0.75 2.8	0.75 2.3	0.75 2.3	0.75 2.1	0.75 2.2	0.75 2.2	0.75 2.2	0.75 2.3	1.5 2.3	1.5 2.2	1.5 2.1	1.5 2.4	2.2 2.6
3				32-125	32-125	32-125	32-125	40-125	40-125	40-125	40-125	40-125	50-125	50-125	50-125	50-125	50-125	65-125	65-125	65-125
3				0.75 3.8	0.75 3.8	0.75 3.8	0.75 3.8	0.75 2.8	0.75 2.3	0.75 2.3	0.75 2.1	0.75 2.2	0.75 2.2	0.75 2.2	0.75 2.3	1.5 2.3	1.5 2.2	1.5 2.1	1.5 2.4	2.2 2.6
Q	m³/Hr	4	6	8	10	12	14	16	18	20	22	24	26	28	30	35	40	45	50	55
LPM	LPM	67	100	133	167	200	233	267	300	333	367	400	433	467	500	583	667	750	833	917

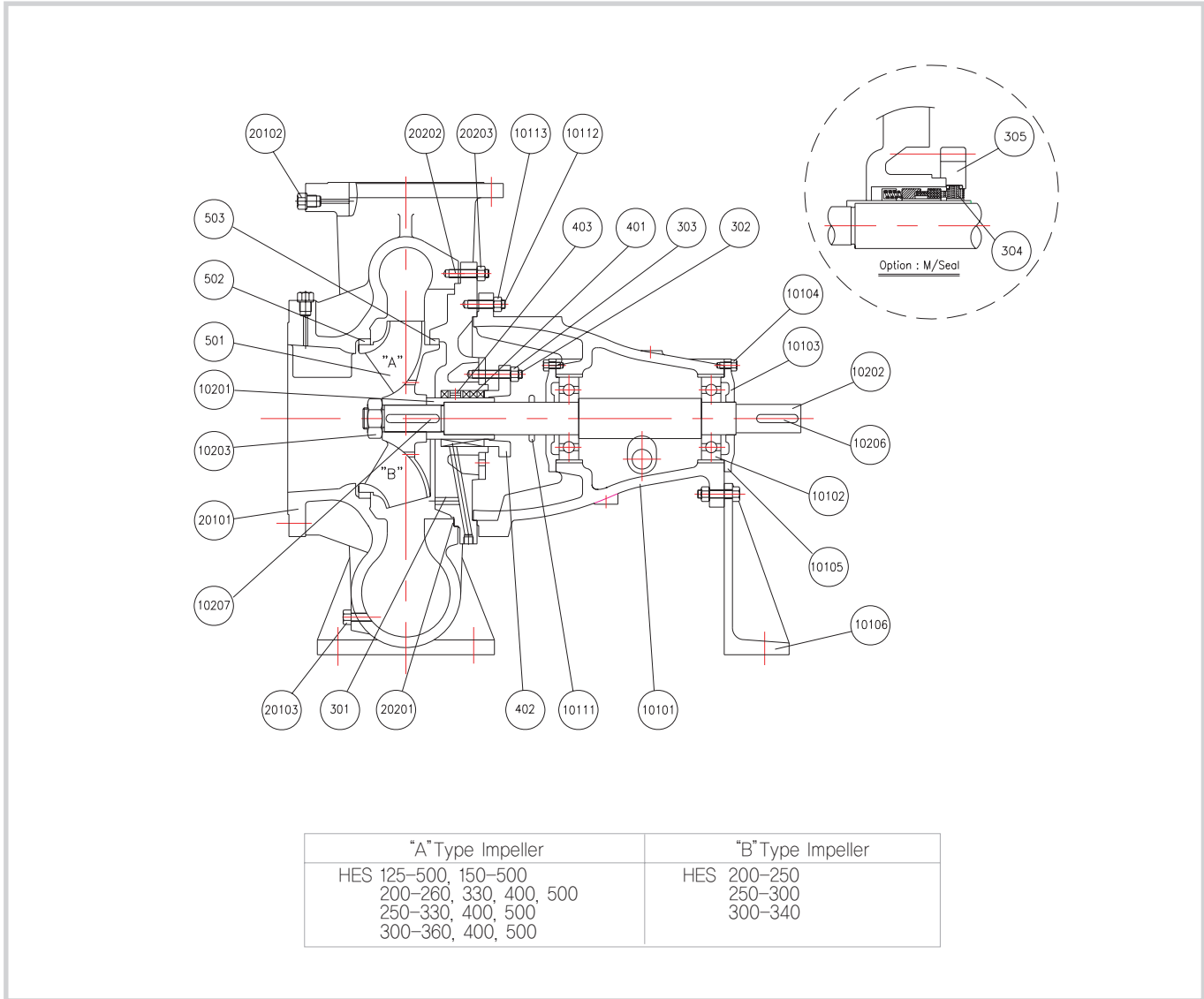
Q	LPM m³/Hr	1000	1167	1333	1500	1667	2000	2333	2667	3000	3333	3833	4333	4833	5333	5833	6667	7500	8333
		60	70	80	90	100	120	140	160	180	200	230	260	290	320	350	400	450	500
H (m)	85																		
	80	80-400 37 2.3	80-400 37 2.3	80-400 37 2.4	80-400 37 2.4	100-400 45 2.3	100-400 55 2.5	100-400 55 2.5	125-400 75 2.3	125-400 75 2.4	150-400 90 2.5	150-400 90 2.5	150-400 110 2.6						
75	80-400 30 2.3	80-400 37 2.3	80-400 37 2.4	80-400 37 2.4	80-400 45 2.4	100-400 55 2.5	100-400 55 2.5	100-400 55 2.7	125-400 75 2.4	125-400 75 2.5	125-400 90 2.8	125-400 90 2.6	150-400 110 2.8	150-400 110 3.1	150-400 110 3.2				
	80-400 30 2.3	80-400 30 2.3	80-400 37 2.4	80-400 37 2.5	80-400 45 2.5	100-400 55 2.5	100-400 55 2.5	100-400 55 2.8	125-400 75 2.4	125-400 75 2.5	125-400 75 2.8	125-400 90 3.3	150-400 90 2.8	150-400 110 3.1	150-400 110 3.2	150-400 110 3.6	150-400 110 4.1		
70	80-400 30 2.3	80-400 30 2.3	80-400 30 2.4	80-400 37 2.5	80-400 45 2.5	100-400 55 2.5	100-400 55 2.5	100-400 55 2.8	125-400 75 2.4	125-400 75 2.5	125-400 75 2.8	125-400 90 3.3	150-400 90 2.8	150-400 110 3.1	150-400 110 3.2	150-400 110 3.6	150-400 110 4.1	150-400 110 4.6	
	80-400 30 2.3	80-400 30 2.3	80-400 30 2.5	80-400 37 2.8	80-400 45 2.5	100-400 55 2.5	100-400 55 2.5	100-400 55 2.8	125-400 75 2.4	125-400 75 2.5	125-400 75 2.8	125-400 90 3.3	150-400 90 2.8	150-400 110 3.1	150-400 110 3.2	150-400 110 3.6	150-400 110 4.1	150-400 110 4.6	
65	80-400 22 2.3	80-400 22 2.3	80-400 30 2.5	80-400 30 2.7	80-400 30 3.0	100-400 30 2.5	100-400 37 2.5	100-400 45 2.9	125-400 55 2.4	125-400 55 2.5	125-400 75 2.8	125-400 75 3.3	150-400 75 2.8	150-400 90 3.1	150-400 90 3.2	150-400 90 3.6	150-400 110 4.1	150-400 110 4.6	
	80-315 18.5 2	80-315 18.5 2	80-400 30 2.5	80-400 30 2.7	80-400 30 3.0	100-400 30 2.5	100-400 37 2.5	100-400 45 3	125-400 55 2.4	125-400 55 2.5	125-400 55 2.8	125-400 75 3.3	150-400 75 2.8	150-400 90 3.1	150-400 90 3.2	150-400 90 3.6	150-400 110 4.1	150-400 110 4.6	
49	80-315 15 2	80-315 18.5 2	80-315 18.5 2.3	80-315 22 2.4	80-315 22 2.4	100-315 30 2.5	100-315 37 2.5	100-315 45 2.8	125-400 55 2.4	125-400 55 2.5	125-400 55 2.8	125-400 75 3.3	150-400 75 2.8	150-400 90 3.1	150-400 90 3.2	150-400 90 3.6	150-400 110 4.1	150-400 110 4.6	
	65-315 15 2.4	80-315 18.5 2.1	80-315 18.5 2.3	80-315 18.5 2.4	80-315 22 2.4	80-315 30 2.5	80-315 30 2.7	80-315 37 2.8	125-315 37 3.4	125-315 37 3.6	125-315 45 4	150-315 55 3	150-315 55 3.1	150-315 75 3.2	150-315 75 3.5	150-315 75 3.9	150-400 90 4.1	150-400 110 4.6	
43	65-315 15 2.4	65-315 15 2.5	80-315 18.5 2.3	80-315 18.5 2.4	80-315 18.5 2.5	80-315 22 2.6	80-315 30 2.7	80-315 30 2.8	125-315 37 3.4	125-315 37 3.6	125-315 45 4	125-315 45 4.3	150-315 55 3.1	150-315 55 3.3	150-315 75 3.5	150-315 75 3.9	150-315 90 4.1	150-400 110 4.6	
	65-315 15 2.4	65-315 15 2.5	80-315 18.5 2.3	80-315 18.5 2.4	80-315 18.5 2.5	80-315 22 2.7	80-315 30 2.7	80-315 30 2.8	125-315 30 3.4	125-315 37 3.6	125-315 37 4	125-315 45 4.3	150-315 55 3.2	150-315 55 3.3	150-315 55 3.5	150-315 75 3.9	150-315 75 4.5	150-400 110 4.6	
40	65-315 15 2.4	65-315 15 2.5	80-315 18.5 2.3	80-315 18.5 2.4	80-315 18.5 2.5	80-315 22 2.7	80-315 30 2.7	80-315 30 2.8	125-315 30 3.4	125-315 37 3.6	125-315 37 4	125-315 45 4.3	150-315 55 3.2	150-315 55 3.3	150-315 55 3.5	150-315 75 3.9	150-315 75 4.5	150-400 110 4.6	
	65-315 15 2.4	65-315 15 2.5	80-315 18.5 2.3	80-315 18.5 2.4	80-315 18.5 2.5	80-315 22 2.8	80-315 30 2.7	80-315 30 2.8	125-315 30 3.4	125-315 37 3.6	125-315 37 4	125-315 45 4.3	150-315 55 3.2	150-315 55 3.3	150-315 55 3.5	150-315 75 3.9	150-315 75 4.5	150-400 110 4.6	
38	65-315 15 2.4	65-315 15 2.5	80-315 18.5 2.3	80-315 18.5 2.4	80-315 18.5 2.5	80-315 22 2.8	80-315 30 2.7	80-315 30 2.8	125-315 30 3.4	125-315 37 3.6	125-315 37 4	125-315 45 4.3	150-315 55 3.2	150-315 55 3.3	150-315 55 3.5	150-315 75 3.9	150-315 75 4.5	150-400 110 4.6	
	65-315 11 2.4	65-315 15 2.5	80-315 15 2.3	80-315 15 2.5	80-315 18.5 2.6	80-315 22 2.7	80-315 30 2.7	80-315 30 2.8	125-315 30 3.4	125-315 37 3.6	125-315 37 4	125-315 45 4.3	150-315 55 3.2	150-315 55 3.3	150-315 55 3.5	150-315 75 3.9	150-315 75 4.5	150-400 110 4.6	
36	65-315 11 2.4	65-315 15 2.5	80-315 15 2.3	80-315 15 2.5	80-315 18.5 2.6	80-315 22 2.7	80-315 30 2.7	80-315 30 2.8	125-315 30 3.4	125-315 37 3.6	125-315 37 4	125-315 45 4.3	150-315 55 3.2	150-315 55 3.3	150-315 55 3.5	150-315 75 3.9	150-315 75 4.5	150-400 110 4.6	
	65-315 11 2.4	65-315 15 2.5	80-315 15 2.3	80-315 15 2.5	80-315 18.5 2.6	80-315 22 2.7	80-315 30 2.7	80-315 30 2.8	125-315 30 3.4	125-315 37 3.6	125-315 37 4	125-315 45 4.3	150-315 55 3.2	150-315 55 3.3	150-315 55 3.5	150-315 75 3.9	150-315 75 4.5	150-400 110 4.6	
34	65-315 11 2.4	65-315 15 2.5	80-315 15 2.3	80-315 15 2.5	80-315 18.5 2.6	80-315 22 2.7	80-315 30 2.7	80-315 30 2.8	125-315 30 3.4	125-315 37 3.6	125-315 37 4	125-315 45 4.3	150-315 55 3.2	150-315 55 3.3	150-315 55 3.5	150-315 75 3.9	150-315 75 4.5	150-400 110 4.6	
	65-315 11 2.4	65-315 15 2.5	80-250 15 2.3	80-250 15 2.5	80-315 18.5 3.1	80-315 22 2.7	80-315 30 3.2	80-315 30 3.3	125-250 30 3.6	125-315 37 4	125-315 37 4.3	125-315 45 3.2	150-315 55 3.3	150-315 55 3.5	150-315 55 3.9	150-315 75 4.5	150-315 75 5.1	150-400 110 4.6	
32	65-315 11 2.4	65-315 15 2.5	80-250 15 2.3	80-250 15 2.5	80-315 18.5 3.1	80-315 22 2.7	80-315 30 3.2	80-315 30 3.3	125-250 30 3.6	125-315 37 4	125-315 37 4.3	125-315 45 3.2	150-315 55 3.3	150-315 55 3.5	150-315 55 3.9	150-315 75 4.5	150-315 75 5.1	150-400 110 4.6	
	65-250 11 2.5	65-250 15 2.7	80-250 15 2.5	80-250 15 2.7	80-250 18.5 3	80-250 22 2.7	80-250 30 3.2	80-250 30 3.3	125-250 30 3.4	125-250 37 4.3	125-250 45 3.6	125-250 45 3.3	150-250 55 3.5	150-250 55 3.9	150-250 55 4.5	150-250 75 5.1	150-250 75 5.1	150-250 75 5.1	
30	65-250 11 2.5	65-250 15 2.7	80-250 15 2.5	80-250 15 2.7	80-250 18.5 3	80-250 22 2.7	80-250 30 3.2	80-250 30 3.3	125-250 30 3.4	125-250 37 4.3	125-250 45 3.6	125-250 45 3.3	150-250 55 3.5	150-250 55 3.9	150-250 55 4.5	150-250 75 5.1	150-250 75 5.1	150-250 75 5.1	
	65-250 11 2.5	65-250 15 2.7	80-250 15 2.5	80-250 15 2.7	80-250 18.5 3	80-250 22 2.7	80-250 30 3.2	80-250 30 3.3	125-250 30 3.4	125-250 37 4.3	125-250 45 3.6	125-250 45 3.3	150-250 55 3.5	150-250 55 3.9	150-250 55 4.5	150-250 75 5.1	150-250 75 5.1	150-250 75 5.1	
28	65-250 11 2.5	65-250 15 2.7	80-250 15 2.5	80-250 15 2.7	80-250 18.5 3	80-250 22 2.7	80-250 30 3.2	80-250 30 3.3	125-250 30 3.4	125-250 37 4.3	125-250 45 3.6	125-250 45 3.3	150-250 55 3.5	150-250 55 3.9	150-250 55 4.5	150-250 75 5.1	150-250 75 5.1	150-250 75 5.1	
	65-250 7.5 2.5	65-250 11 2.7	80-250 15 2.5	80-250 15 2.7	80-250 18.5 3	80-250 22 2.7	80-250 30 3.2	80-250 30 3.3	125-250 30 3.4	125-250 37 4.3	125-250 45 3.6	125-250 45 3.3	150-250 55 3.5	150-250 55 3.9	150-250 55 4.5	150-250 75 5.1	150-250 75 5.1	150-250 75 5.1	
26	65-250 7.5 2.5	65-250 11 2.7	80-250 15 2.5	80-250 15 2.7	80-250 18.5 3	80-250 22 2.7	80-250 30 3.2	80-250 30 3.3	125-250 30 3.4	125-250 37 4.3	125-250 45 3.6	125-250 45 3.3	150-250 55 3.5	150-250 55 3.9	150-250 55 4.5	150-250 75 5.1	150-250 75 5.1	150-250 75 5.1	
	65-250 7.5 2.5	65-250 11 2.7	80-250 15 2.5	80-250 15 2.7	80-250 18.5 3	80-250 22 2.7	80-250 30 3.2	80-250 30 3.3	125-250 30 3.4	125-250 37 4.3	125-250 45 3.6	125-250 45 3.3	150-250 55 3.5	150-250 55 3.9	150-250 55 4.5	150-250 75 5.1	150-250 75 5.1	150-250 75 5.1	
24	65-250 7.5 2.5	65-250 11 2.7	80-250 15 2.5	80-250 15 2.7	80-250 18.5 3	80-250 22 2.7	80-250 30 3.2	80-250 30 3.3	125-250 30 3.4	125-250 37 4.3	125-250 45 3.6	125-250 45 3.3	150-250 55 3.5	150-250 55 3.9	150-250 55 4.5	150-250 75 5.1	150-250 75 5.1	150-250 75 5.1	
	65-250 7.5 2.5	65-250 11 2.7	80-250 15 2.5	80-250 15 2.7	80-250 18.5 3	80-250 22 2.7	80-250 30 3.2	80-250 30 3.3	125-250 30 3.4	125-250 37 4.3	125-250 45 3.6	125-250 45 3.3	150-250 55 3.5	150-250 55 3.9	150-250 55 4.5	150-250 75 5.1	150-250 75 5.1	150-250 75 5.1	
22	65-250 7.5 2.5	65-250 11 2.7	80-250 15 2.5	80-250 15 2.7	80-250 18.5 3	80-250 22 2.7	80-250 30 3.2	80-250 30 3.3	125-250 30 3.4	125-250 37 4.3	125-250 45 3.6	125-250 45 3.3	150-250 55 3.5	150-250 55 3.9	150-250 55 4.5	150-250 75 5.1	150-250 75 5.1	150-250 75 5.1	
	65-250 7.5 2.5	65-250 11 2.7	80-250 15 2.5	80-250 15 2.7	80-250 18.5 3	80-250 22 2.7	80-250 30 3.2	80-250 30 3.3	125-250 30 3.4	125-250 37 4.3	125-250 45 3.6	125-250 45 3.3	150-250 55 3.5	150-250 55 3.9	150-250 55 4.5	150-250 75 5.1	150-250 75 5.1	150-250 75 5.1	
20	65-250 7.5 2.5	65-250 11 2.7	80-250 15 2.5	80-250 15 2.7	80-250 18.5 3	80-250 22 2.7	80-250 30 3.2	80-250 30 3.3	125-250 30 3.4	125-250 37 4.3	125-250 45 3.6	125-250 45 3.3	150-250 55 3.5	150-250 55 3.9	150-250 55 4.5	150-250 75 5.1	150-250 75 5.1	150-250 75 5.1	
	65-200 5.5 2.4	80-200 7.5 2.6	80-200 7.5 2.8	80-200 11 2.5	80-200 11 2.7	80-200 11 2.6	80-200 11 3.4	80-200 15 3.6	100-200 15 3.7	100-200 18.5 3.2	100-200 18.5 3.4	100-200 22 3.5	100-200 22 4.9	100-200 30 4.6	100-200 30 4.7	100-200 30 4.9	100-200 30 4.9</		

조립 단면도



부품번호	부품명	표준재질	선택사양	부품번호	부품명	표준재질	선택사양
10101	Bearing Bracket	GC200	—	20103	Plug	CAC406	STS304
10102	Ball Bearing	Stee	—	20201	Gasket	Oil Paper	Teflon
10103	Bearing Cover	GC200	—	20202	Hexagon Bolt	SM45C	STS304
10104	Hexagon Bolt	SM25C	—	301	Stuffing Housing	GC200	SSC13/GCD450
10105	Gasket	Oil Paper	—	302	Stud Bolt	SM45C	STS304
10106	Support Foot	SS400	—	303	Hexagon Nut	SM45C	STS304
10111	Thrower	Rubber	—	304	Mechanical Seal	SiC/Carbon	요구사양
10201	Shaft Sleeve	SM45C	STS304	305	M/Seal Cover	GC 200	SSC13
10202	Shaft	SM45C	STS304	401	Packing	탄화섬유	Teflon/Graphite 함침
10203	Impeller Nut	SM25C	STS304	402	Packing Gland	GC200	M/Seal
10205	Lock Washer	SS400	STS304	403	Lantern Ring	Acetal	STS304
10206	Coupling Key	SM55C	STS304	404	Packing Ring	Acetal	STS304
10207	Impeller Key	SM55C	STS304	501	Impeller	GC200	CAC406/SSC13
20101	Volute Casing	GC200	SSC13/GCD450	502	Casing Ring	GC200	SSC13
20102	Plug	CAC406	STS304	503	Casing Ring	GC200	SSC13

*Part No. 304, 305 are applicable for M/Seal Option

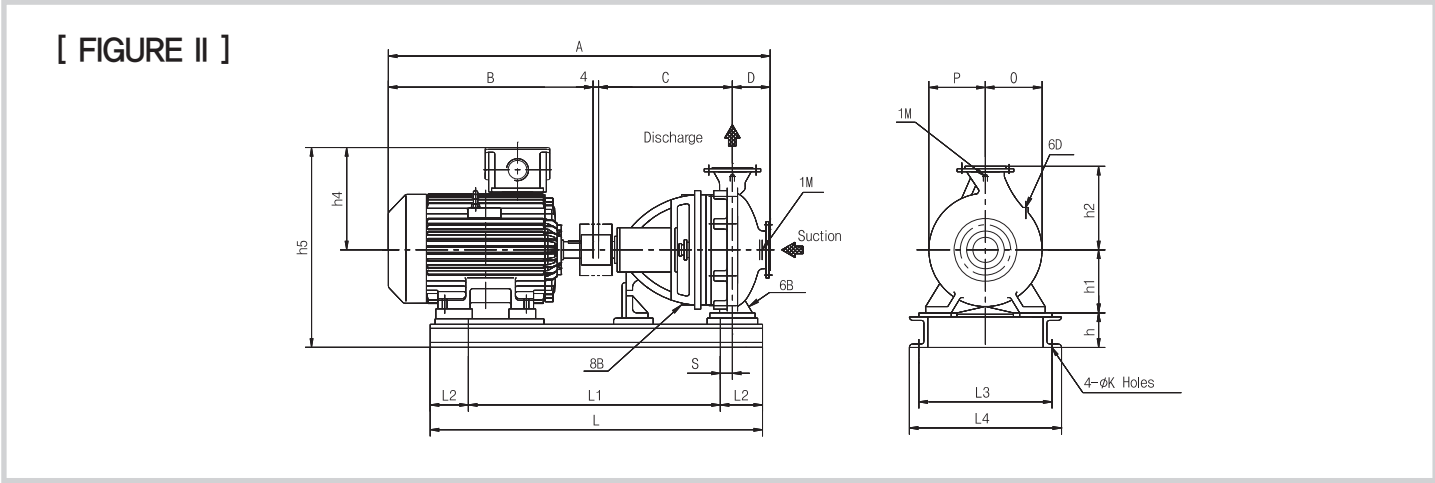
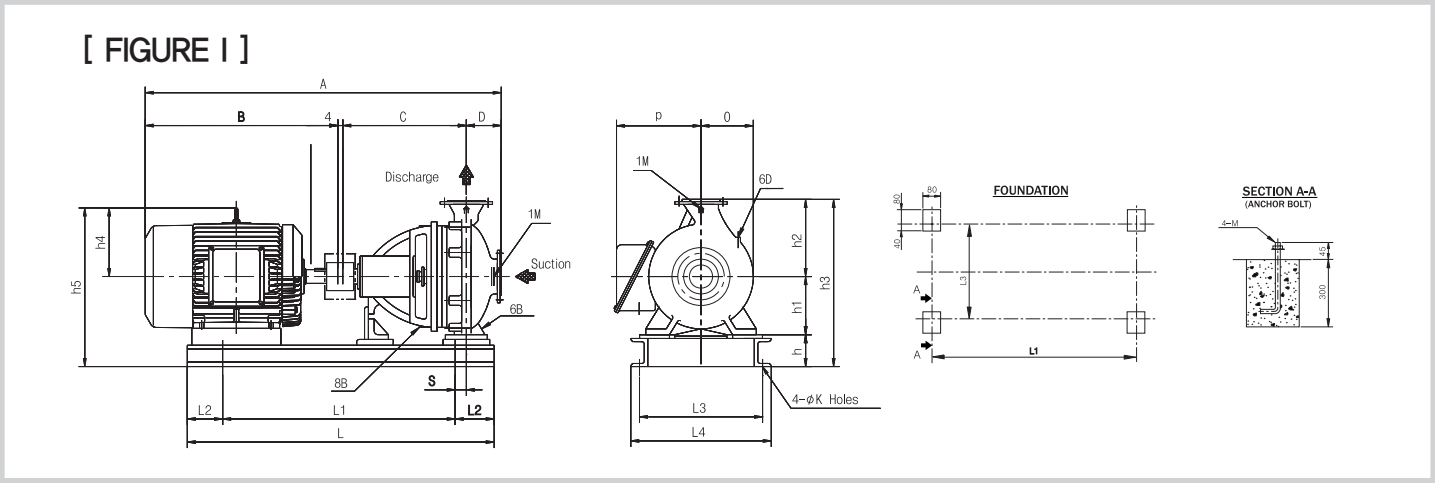


부품번호	부품명	표준재질	선택사양	부품번호	부품명	표준재질	선택사양
10101	Bearing Bracket	GC200	—	20103	Plug	CAC406	STS304
10102	Ball Bearing	Steel	—	20201	Gasket	Oil Paper	Teflon
10103	Bearing Cover	GC200	—	20202	Hexagon Bolt	SM45C	STS304
10104	Hexagon Bolt	SM25C	—	301	Stuffing Housing	GC200	SSC13/GCD450
10105	Gasket	Oil Paper	—	302	Stud Bolt	SM45C	STS304
10106	Support Foot	SS400	—	303	Hexagon Nut	SM45C	STS304
10111	Thrower	Rubber	—	304	Mechanical Seal	SiC/Carbon	요구사양
10201	Shaft Sleeve	SM45C	STS304	305	M/Seal Cover	GC 200	SSC13
10202	Shaft	SM45C	STS304	401	Packing	탄화섬유	Teflon/Graphite 함침
10203	Impeller Nut	SM25C	STS304	402	Packing Gland	GC200	SSC13
10206	Coupling Key	SM55C	STS304	403	Lantern Ring	Acetal	—
10207	Impeller Key	SM55C	STS304	501	Impeller	GC200	CAC406/SSC13
20101	Volute Casing	GC200	SSC13/GCD450	502	Casing Ring	GC200	CAC406/SSC13
20102	Plug	CAC406	STS304	503	Casing Ring	GC200	CAC406/SSC13

*Part No. 304, 305 are applicable for M/Seal Option

Outline Drawing & Outline Dimension

외형도 & 외형 치수표



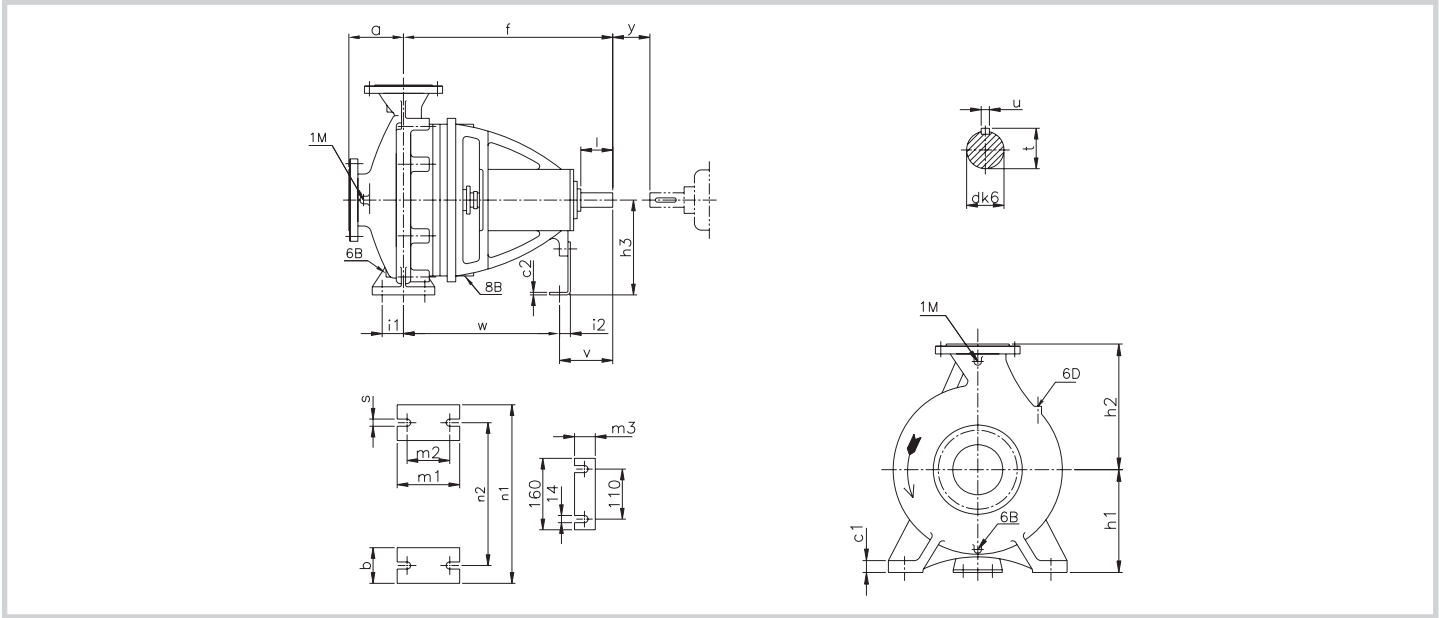
Pump	Motor				Pump & Motor										BED										Weight [kg]				BED	Fig
	Suc	Dis	[kW]	Frame No.	A	B	C	D	O	P	h	h1	h2	h3	h4	h5	L	L1	L2	L3	L4	S	M	K	Pump	Motor	Bed			
HES32-125	50	32	0.75	80L,4P,TE	721	277	360	80	106	135	90	112	140	342	100	292	650	350	150	200	230	80	M12	15	26	15	20	A0001	I	
HES32-125	50	32	1.5	90L,4P,TE	781	337	360	80	106	150	90	112	140	342	100	302	700	400	150	200	230	80	M12	15	26	24	22	A0002	I	
HES32-125	50	32	2.2	100L,4P,TE	820	376	360	80	106	180	90	112	140	342	148	350	750	450	150	200	230	80	M12	15	26	30	25	A0003	I	
HES32-160	50	32	0.75	80L,4P,TE	721	277	360	80	112	135	90	132	160	382	90	312	650	350	150	250	280	80	M12	15	33	15	23	A0005	I	
HES32-160	50	32	1.5	90L,4P,TE	781	337	360	80	112	150	90	132	160	382	100	322	700	400	150	250	280	80	M12	15	33	24	24	A0006	I	
HES32-200	50	32	0.75	80L,4P,TE	721	277	360	80	127	135	90	160	180	430	90	340	650	350	150	250	280	80	M12	15	38	15	24	A0011	I	
HES32-200	50	32	1.5	90L,4P,TE	781	337	360	80	127	150	90	160	180	430	100	350	700	400	150	250	280	80	M12	15	38	24	25	A0012	I	
HES32-250	50	32	2.2	100L,4P,TE	840	376	360	100	151	180	90	180	225	495	148	418	750	450	150	330	360	65	M12	15	50	30	31	A0019	I	
HES32-250	50	32	3.7	112M,4P,TE	842	378	360	100	151	190	90	180	225	495	167	437	750	450	150	330	360	65	M12	15	50	39	29	A0020	I	
HES40-125	65	40	0.75	80L,4P,TE	721	277	360	80	109	150	90	112	140	342	90	292	650	350	150	230	260	80	M12	15	27	15	22	A0024	I	
HES40-125	65	40	1.5	90L,4P,TE	781	337	360	80	109	165	90	112	140	342	100	302	700	400	150	230	260	80	M12	15	27	24	23	A0025	I	
HES40-160	65	40	1.5	90L,4P,TE	781	337	360	80	122	150	90	132	160	382	100	322	700	400	150	250	280	80	M12	15	34	24	24	A0006	I	
HES40-160	65	40	2.2	100L,4P,TE	820	376	360	80	122	180	90	132	160	382	148	370	750	450	150	250	280	80	M12	15	34	30	25	A0007	I	
HES40-200	65	40	1.5	90L,4P,TE	801	337	360	100	136	150	90	160	180	430	100	350	700	400	150	290	320	80	M12	15	41	24	26	A0030	I	
HES40-200	65	40	2.2	100L,4P,TE	840	376	360	100	136	180	90	160	180	430	148	398	750	450	150	290	320	80	M12	15	41	30	28	A0031	I	
HES40-200	65	40	3.7	112M,4P,TE	842	378	360	100	136	190	90	160	180	430	167	417	750	450	150	290	320	80	M12	15	41	39	27	A0032	I	
HES40-250	65	40	2.2	100L,4P,TE	840	376	360	100	160	180	90	180	225	495	148	418	750	450	150	330	360	65	M12	15	51	30	31	A0019	I	
HES40-250	65	40	3.7	112M,4P,TE	842	378	360	100	160	190	90	180	225	495	167	437	750	450	150	330	360	65	M12	15	51	39	29	A0020	I	
HES40-250	65	40	5.5	132S,4P,TE	906	442	360	100	160	213	90	180	225	495	187	457	850	550	150	330	360	65	M12	15	51	56	31	A0021	I	
HES40-315	65	40	5.5	132S,4P,TE	1041	442	470	125	184	213	90	225	250	565	187	502	950	650	150	350	380	65	M12	15	83	56	38	A0038	I	
HES40-315	65	40	7.5	132M,4P,TE	1080	481	470	125	184	213	90	225	250	565	187	502	950	650	150	350	380	65	M12	15	83	70	38	A0038	I	
HES50-125	65	50	1.5	90L,4P,TE	801	337	360	100	128	150	90	132	160	382	100	322	700	400	150	250	280	80	M12	15	30	24	24	A0006	I	
HES50-160	65	50	1.5	90L,4P,TE	801	337	360	100	141	150	90	160	180	430	100	350	700	400	150	290	320	80	M12	15	37	24	26	A0030	I	
HES50-160	65	50	2.2	100L,4P,TE	840	376	360	100	141	180	90	160	180	430	148	398	750	450	150	290	320	80	M12	15	37	30	28	A0031	I	
HES50-200	65	50	2.2	100L,4P,TE	840	376	360	100	156	180	90	160	200	450	148	398	750	450	150	290	320	80	M12	15	43	30	28	A0031	I	
HES50-200	65	50	3.7	112M,4P,TE	842	378	360	100	156	190	90	160	200	450	167	417	750	450	150	290	320	80	M12	15	43	39	27	A0032	I	
HES50-200	65	50	5.5	132S,4P,TE	906	442	360	100	156	213	90	160	200	450	187	437	850	550	150	290	320	80	M12	15	43	56	29	A0033	I	
HES50-250	65	50	3.7	112M,4P,TE	842	378	360	100	171	190	90	180	225	495	167	437	750	450	150	330	360	65	M12	15	53	39	29	A0020	I	
HES50-250	65	50	5.5	132S,4P,TE	906	442	360	100	171	213	90	180	225	495	187	457	850	550	150	330	360	65	M12	15	53	56	31	A0021	I	
HES50-250	65	50	7.5	132M,TE,4P	945	481	360	100	171	213	90	180	225	495	187	457	850	550	150	330	360	65	M12	15	53	70	31	A0021	I	
HES50-315	65	50	5.5	132S,4P,TE	1041	442	470	125	202	213	90	225	280	595	187	502	950	650	150	350	380	65	M12	15	85	56	38	A0038	I	
HES50-315	65	50	7.5	132M,TE,4P	1080	481	470	125	202	213	90	225	280	595	187	502	950	650	150	350	380	65	M12	15	85	70	38	A0038	I	
HES50-315	65	50	11	160M,4P,TE	1187	588	470	125	202	261	90	225	280	595	224	539	1100	800	150	350	380	65	M12	15	85	109	48	A0039	I	
HES65-125	80	65	2.2	100L,4P,TE	840	376	360	100	142	180	90	160	180	430	148	398	750	450	150	290	320	65	M12	15	35	30	29	A0042	I	
HES65-160	80	65	3.7	112M,4P,TE	842	378	360	100	148	190	90	160	200	450	167	417	750	450	150	290	320	65	M12	15	44	39	28	A0043	I	
HES65-200	80	65	3.7	112M,4P,TE	842	378	360	100	167	190	90	180	225	495	167	437	750	450	150	330	360	65	M12	15	48	39	29	A0020	I	
HES65-200	80	65	5.5	132S,4P,TE	906	442	360	100	167	213	90	180	225	495	187	457	850	550	150	330	360	65	M12	15	48	56	31	A0021	I	
HES65-200	80	65	7.5	132M,4P,TE	945	481	360	100	167	213	90	180	225	495	187	457	850	550	150	330	360	65	M12	15	48	70	31	A0021	I	
HES65-250	80	65	11	160M,4P,TE	1052	588	360	100	167	261	90	180	225	495	224	494	1000	700	150	330	360	65	M12	15	48	109	47	A0022	I	
HES65-250	80	65	5.5	132S,4P,TE	1016	442	470	100	187	213	90	200	250	540	187	477	1000	700	150	370	400	50	M12	15	70	56	38	A0049	I	
HES65-250	80	65	7.5	132M,4P,TE	1055	481	470	100	187	213	90	200	250	540	187	477	1000	700	150	370	400	50	M12	15	70	70	38	A0049	I	
HES65-250	80	65	11	160M,4P,TE	1162	588	470	100	187	261	90	200	250	540	224	514	1100	800	150	370	400	50	M12	15	70	109	46	A0050	I	
HES65-250	80	65	15	160L,4P,TE	1206	632	470	100	187	261	90	200	250	540	224	514	1100	800	150	370	400	50	M12	15	70	136	46	A0050	I	
HES65-315	80	65	11	160M,4P,TE	1187	588	470	125	211	261	90	225	280	595	224	539	1100	800	150	390	420	50	M12	15	91	109	51	A0053	I	
HES65-315	80	65	15	160L,4P,TE	1231	632	470	125	211	261	90	225	280	595	224	539	1100	800	150	390	420	50	M12	15	91	136	51	A0053	I	

Pump	Motor				Pump & Motor										BED										Weight [kg]			BED	Fig
	Suc	Dis	[kW]	Frame No.	A	B	C	D	O	P	h	h1	h2	h3	h4	h5	L	L1	L2	L3	L4	S	M	K	Pump	Motor	Bed		
HES80~160	100	80	3.7	112M,4P,TE	867	378	360	125	170	190	90	180	225	495	167	437	750	450	150	330	360	65	M12	15	49	39	29	A0020	I
HES80~160	100	80	5.5	132S,4P,TE	931	442	360	125	170	213	90	180	225	495	187	457	850	550	150	330	360	65	M12	15	49	56	31	A0021	I
HES80~200	100	80	5.5	132S,4P,TE	1041	442	470	125	183	213	90	180	250	520	187	457	950	650	150	350	380	65	M12	15	59	56	34	A0057	I
HES80~200	100	80	7.5	132M,4P,TE	1080	481	470	125	183	213	90	180	250	520	187	457	950	650	150	350	380	65	M12	15	59	70	34	A0057	I
HES80~250	100	80	7.5	132M,4P,TE	1080	481	470	125	209	213	90	200	280	570	187	477	1000	700	150	410	440	50	M12	15	75	70	48	A0060	I
HES80~250	100	80	11	160M,4P,TE	1187	588	470	125	209	261	90	200	280	570	224	514	1100	800	150	410	440	50	M12	15	75	109	48	A0061	I
HES80~250	100	80	15	160L,4P,TE	1231	632	470	125	209	261	90	200	280	570	224	514	1100	800	150	410	440	50	M12	15	75	136	48	A0061	I
HES80~250	100	80	18.5/22	180M,4P,TE	1246	647	470	125	209	295	90	200	280	570	242	532	1150	850	150	410	440	50	M12	15	75	161	53	A0062	I
HES80~315	100	80	15	160L,4P,TE	1231	632	470	125	219	261	90	250	315	655	224	564	1100	800	150	410	440	50	M12	15	96	136	61	A0063	I
HES80~315	100	80	18.5/22	180M,4P,TE	1246	647	470	125	219	295	90	250	315	655	242	582	1150	850	150	410	440	50	M12	15	96	161	56	A0064	I
HES80~315	100	80	30	180L,4P,TE	1305	706	470	125	219	288	90	250	315	655	238	578	1150	850	150	410	440	50	M12	15	96	182	56	A0064	I
HES80~400	100	80	18.5/22	180M,4P,TE	1306	647	530	125	267	295	90	280	355	725	242	612	1200	900	150	430	460	50	M12	15	142	161	58	A0067	I
HES80~400	100	80	30	180L,4P,TE	1365	706	530	125	267	288	90	280	355	725	238	608	1200	900	150	430	460	50	M12	15	142	182	58	A0067	I
HES80~400	100	80	37/45	200L,4P,TE	1450	791	530	125	267	409	115	280	355	750	267	662	1300	1000	150	430	460	50	M16	19	142	282	70	A0068	I
HES100~160	125	100	7.5	132M,4P,TE	1080	481	470	125	215	213	90	200	280	570	187	477	1000	700	150	370	400	50	M12	15	68	70	38	A0049	I
HES100~200	125	100	7.5	132M,4P,TE	1080	481	470	125	201	213	90	200	280	570	187	477	1000	700	150	370	400	50	M12	15	71	70	38	A0049	I
HES100~200	125	100	11	160M,4P,TE	1187	588	470	125	201	261	90	200	280	570	224	514	1100	800	150	370	400	50	M12	15	71	109	46	A0050	I
HES100~200	125	100	15	160L,4P,TE	1231	632	470	125	201	261	90	200	280	570	224	514	1100	800	150	370	400	50	M12	15	71	136	46	A0050	I
HES100~250	125	100	15	160L,4P,TE	1246	632	470	140	216	261	90	225	280	595	224	539	1100	800	150	390	420	50	M12	15	83	136	51	A0053	I
HES100~250	125	100	18.5/22	180M,4P,TE	1261	647	470	140	216	295	90	225	280	595	242	557	1150	850	150	390	420	50	M12	15	83	161	49	A0054	I
HES100~315	125	100	18.5/22	180M,4P,TE	1261	647	470	140	233	295	90	250	315	655	242	582	1150	850	150	410	440	50	M12	15	105	161	56	A0064	I
HES100~315	125	100	30	180L,4P,TE	1320	706	470	140	233	288	90	250	315	655	242	582	1150	850	150	410	440	50	M12	15	105	182	56	A0064	I
HES100~315	125	100	37/45	200L,4P,TE	1405	791	470	140	233	409	90	250	315	655	267	607	1250	950	150	410	440	50	M12	15	105	282	54	A0065	I
HES100~400	125	100	37/45	200L,4P,TE	1465	791	530	140	276	409	115	280	355	750	267	662	1300	1000	150	500	540	35	M16	19	154	282	78	A0072	I
HES100~400	125	100	55	225S,4P,TE	1491	817	530	140	276	252	115	280	355	750	434	829	1300	1000	150	500	540	35	M16	19	154	345	70	D0073	II
HES125~200	150	125	11	160M,4P,TE	1202	588	470	140	224	261	90	250	315	655	224	564	1100	800	150	410	440	50	M12	15	93	109	61	A0063	I
HES125~200	150	125	15	160L,4P,TE	1246	632	470	140	224	261	90	250	315	655	224	564	1100	800	150	410	440	50	M12	15	93	136	61	A0063	I
HES125~200	150	125	18.5/22	180M,4P,TE	1261	647	470	140	224	295	90	250	315	655	242	582	1150	850	150	410	440	50	M12	15	93	161	56	A0064	I
HES125~250	150	125	15	160L,4P,TE	1246	632	470	140	235	261	90	250	355	695	224	564	1100	800	150	410	440	50	M12	15	93	136	61	A0063	I
HES125~250	150	125	18.5/22	180M,4P,TE	1261	647	470	140	235	295	90	250	355	695	242	582	1150	850	150	410	440	50	M12	15	93	161	56	A0064	I
HES125~250	150	125	30	180L,4P,TE	1320	706	470	140	235	288	90	250	355	695	242	582	1150	850	150	410	440	50	M12	15	93	182	56	A0064	I
HES125~250	150	125	37/45	200L,4P,TE	1405	791	470	140	235	409	90	250	355	695	267	607	1250	950	150	410	440	50	M12	15	93	282	54	A0065	I
HES125~315	150	125	30	180L,4P,TE	1380	706	530	140	268	288	115	280	355	750	242	637	1250	950	150	500	540	35	M16	19	138	182	67	A0071	I
HES125~315	150	125	37/45	200L,4P,TE	1465	791	530	140	268	409	115	280	355	750	267	662	1300	1000	150	500	540	35	M16	19	138	282	78	A0072	I
HES125~315	150	125	55	225S,4P,TE	1491	817	530	140	268	233	115	280	355	750	434	829	1300	1000	150	500	540	35	M16	19	138	345	70	D0073	II
HES125~400	150	125	75	250S,4P,TE	1575	901	530	140	290	258	115	315	400	830	463	893	1400	1100	150	500	540	35	M16	19	166	490	79	D0078	II
HES125~400	150	125	90	250M,4P,TE	1613	939	530	140	290	258	115	315	400	830	463	893	1400	1100	150	500	540	35	M16	19	166	550	79	D0078	II
HES125~400	150	125	110	280S,4P,TE	1691	1017	530	140	290	288	115	315	400	830	493	923	1500	1200	150	560	600	35	M16	19	166	690	103	D0079	II
HES150~200	200	150	18.5/22	180M,4P,TE	1281	647	470	160	333	295	115	280	400	795	242	637	1150	850	150	560	600	35	M16	19	146	161	71	A0085	I
HES150~250	200	150	30	180L,4P,TE	1340	706	470	160	290	288	115	280	400	795	242	637	1150	850	150	520	560	35	M16	19	130	182	69	A0087	I
HES150~250	200	150	37/45	200L,4P,TE	1425	791	470	160	290	409	115	280	400	795	267	662	1250	950	150	520	560	35	M16	19	130	282	80	A0088	I
HES150~315	200	150	37/45	200L,4P,TE	1485	791	530	160	289	409	115	280	400	795	267	662	1300	1000	150	560	600	35	M16	19	156	282	81	A0091	I
HES150~315	200	150	55	225S,4P,TE	1511	817	530	160	289	235	115	280	400	795	434	829	1300	1000	150	560	600	35	M16	19	156	345	73	D0092	II
HES150~315	200	150	75	250S,4P,TE	1595	901	530	160	289	235	115	280	400	795	463	858	1400	1100	150	560	600	35	M16	19	156	490	85	D0093	II
HES150~400	200	150	75	250S,4P,TE	1595	901	530	160	327	283	115	315	450	880	463	893	1400	1100	150	560	600	35	M16	19	202	490	89	D0096	II
HES150~400	200	150	90	250M,4P,TE	1633	939	530	160	327	283	115	315	450	880	463	893	1400	1100	150	560	600	35	M16	19	202	550	89	D0096	II
HES150~400	200	150	110	280S,4P,TE	1711	1017	530	160	327	283	125	315	450	890	493	933	1500	1200	150	560	600	35	M16	19	202	690	96	D0097	II

Outline Drawing & Outline Dimension

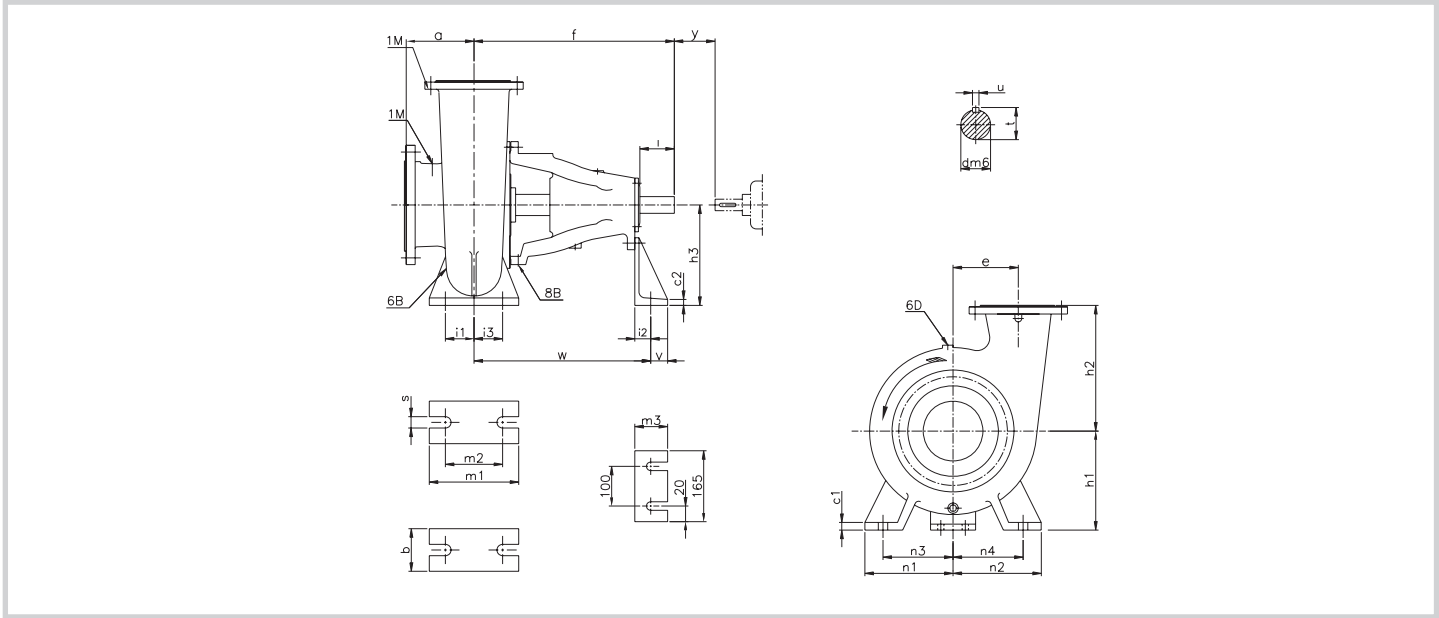
Hyosung End Suction Standard Pump

외형도 & 외형 치수표



Pump Size	Bore		Pump						Foot														Stub Shaft				Weight (Kg)
	NWs	NWd	a	f	h1	h2	h3	y	b	m1	m2	m3	s	n1	n2	i1	i2	c1	c2	av	w	dk6	l	u	t		
32-125	50	32	80	360	112	140	112	100	50	100	70	45	14	190	140	35	28	15	8	100	260	24	50	8	26.9	26	
32-160			80	360	132	160	132	100	50	100	70	45	14	240	190	35	28	15	8	100	260	24	50	8	26.9	33	
32-200			80	360	160	180	160	100	50	100	70	45	14	240	190	35	28	15	8	100	260	24	50	8	26.9	38	
32-250			80	360	180	225	180	100	65	125	95	47	14	320	250	47.5	30	17	8	95	265	24	50	8	26.9	50	
40-125	65	40	80	360	112	140	112	100	50	100	70	45	14	210	160	35	28	15	8	100	260	24	50	8	26.9	27	
40-160			80	360	132	160	132	100	50	100	70	45	14	240	190	35	28	15	8	100	260	24	50	8	26.9	34	
40-200			100	360	160	180	160	100	50	100	70	45	14	265	212	35	28	15	8	95	265	24	50	8	26.9	41	
40-250			100	360	180	225	180	100	65	125	95	47	14	320	250	47.5	30	17	8	95	265	24	50	8	26.9	51	
40-315	65	50	125	470	225	250	225	100	65	125	95	47	14	345	280	47.5	30	17	8	130	340	32	80	10	35.3	83	
50-125			100	360	132	160	132	100	50	100	70	45	14	240	190	35	28	15	8	100	260	24	50	8	26.9	30	
50-160			100	360	160	180	160	100	50	100	70	45	14	265	212	35	28	15	8	100	260	24	50	8	26.9	37	
50-200			100	360	160	200	160	100	50	100	70	45	14	265	212	35	28	15	8	95	265	24	50	8	26.9	43	
50-250	80	65	100	360	180	225	180	100	65	125	95	47	14	320	250	47.5	30	17	8	95	265	24	50	8	26.9	53	
50-315			125	470	225	280	225	100	65	125	95	47	14	345	280	47.5	30	17	8	130	340	32	80	10	35.3	85	
65-125			100	360	160	180	160	100	65	125	95	45	14	280	212	47.5	28	17	8	100	260	24	50	8	26.9	35	
65-160			100	360	160	200	160	100	65	125	95	45	14	280	212	47.5	28	17	8	95	265	24	50	8	26.9	44	
65-200	80	80	100	360	180	225	180	100	65	125	95	47	14	320	250	47.5	30	17	8	95	265	24	50	8	26.9	48	
65-250			100	470	200	250	200	100	80	160	120	47	18	360	280	60	30	18	8	130	340	32	80	10	35.3	70	
65-315			125	470	225	280	225	140	80	160	120	47	18	400	315	60	30	18	8	130	340	32	80	10	35.3	91	
80-160			125	360	180	225	180	100	65	125	95	47	14	320	250	47.5	30	17	8	95	265	24	50	8	26.9	49	
80-200	100	80	125	470	180	250	180	100	65	125	95	47	14	345	280	47.5	30	17	8	130	340	32	80	10	35.3	59	
80-250			125	470	200	280	200	100	80	160	120	47	18	380	315	60	30	18	8	130	340	32	80	10	35.3	75	
80-315			125	470	250	315	250	140	80	160	120	47	18	380	315	60	33	18	12	130	340	32	80	10	35.3	96	
80-400			125	530	280	355	280	140	80	160	120	52	18	435	355	60	33	18	12	130	370	42	110	12	35.3	142	
100-160	125	100	125	470	200	280	200	140	80	160	120	47	18	360	280	60	30	18	8	130	340	32	80	10	35.3	68	
100-200			125	470	200	280	200	140	80	160	120	47	18	360	280	60	30	18	8	130	340	32	80	10	35.3	71	
100-250			140	470	225	280	225	140	80	160	120	47	18	380	315	60	30	18	8	130	340	32	80	10	35.3	83	
100-315			140	470	250	315	250	140	80	160	120	47	18	380	315	60	33	18	12	130	340	32	80	10	35.3	105	
100-400	150	125	140	530	280	355	280	140	100	200	150	52	23	500	400	75	33	20	12	160	370	42	110	12	45.1	154	
125-200			140	470	250	315	250	140	80	160	120	47	18	380	315	60	33	18	12	130	340	32	80	10	35.3	93	
125-250			140	470	250	355	250	140	80	160	120	47	18	380	315	60	33	18	12	130	340	32	80	10	35.5	93	
125-315			140	530	280	355	280	140	100	200	150	52	23	500	400	75	33	20	12	160	370	42	110	12	45.1	138	
125-400	200	150	140	530	315	400	315	140	100	200	150	52	23	500	400	75	33	20	12	160	370	42	110	12	45.1	166	
150-200			160	470	280	400	280	140	100	200	150	52	23	550	450	75	33	20	12	130	340	32	80	10	35.3	146	
150-250			160	470	280	400	280	140	100	200	150	52	23	500	400	75	33	20	12	130	340	32	80	10	35.5	130	
150-315			160	530	280	400	280	140	100	200	150	52	23	550	450	75	33	20	12	160	370	42	110	12	45.1	156	
150-400			160	530	315	450	315	140	100	200	150	52	23	550	450	75	33	20	12	160	370	42	110	12	45.1	202	

*Footnotes : (1) All dimensions given in millimeters, weight in kilograms.
(2) y. Dismantling length when a spacer-type coupling is fitted.



Pump Size	Bore		Pump								Foot																Stub Shaft						Weight (Kg)
	NW	NWd	a	e	f	h1	h2	h3	y	b	m1	m2	m3	s	n1	n2	n3	n4	i1	i2	i3	c1	c2	v	w	dms	l	u	t				
125-500	150	125	140	307	670	355	400	355	200	100	300	230	110	28	230	270	180	220	115	60	115	25	20	70	600	48	110	14	51.5	305			
150-500	200	150	150	315	670	355	450	355	200	100	300	230	110	28	240	260	190	210	115	60	115	25	20	70	600	48	110	14	51.5	330			
200-250	200	200	220	250	770	355	345	355	200	100	300	230	110	28	220	280	170	230	109	60	121	25	20	70	700	48	110	14	51.5	316			
200-260	200	200	200	300	670	400	350	400	200	100	300	230	110	28	220	280	170	230	115	60	115	25	20	70	600	48	110	14	51.5	326			
200-330	250	200	200	315	670	400	400	400	200	100	300	230	110	28	220	280	170	230	115	60	115	25	20	70	600	48	110	14	51.5	333			
200-400	250	200	180	290	670	400	400	400	200	130	300	230	110	28	220	280	155	215	115	60	115	25	20	70	600	48	110	14	51.5	396			
200-500	250	200	200	387	670	500	450	500	200	130	350	280	110	28	320	380	255	315	140	60	140	25	20	70	600	48	110	14	51.5	465			
250-300	250	250	225	300	785	400	400	400	200	130	300	230	110	28	270	330	205	265	95	60	135	25	20	70	715	48	110	14	51.5	395			
250-330	250	250	250	345	670	450	400	450	200	130	350	280	110	34	310	390	245	325	140	60	140	25	20	70	600	48	110	14	51.5	397			
250-400	300	250	180	335	720	450	480	450	200	130	350	280	110	34	320	380	255	315	140	60	140	25	20	120	600	60	140	18	64	520			
250-500	300	250	225	425	720	500	500	500	200	130	400	325	110	34	360	440	295	375	162.5	60	140	25	20	120	600	60	140	18	64	551			
300-340	300	300	255	315	805	450	450	450	200	160	350	280	110	34	310	390	230	310	120	60	160	25	20	70	735	48	110	14	51.5	523			
300-360	300	300	300	387	670	560	450	560	200	160	400	325	110	34	310	390	230	310	162.5	60	162.5	32	20	70	600	48	110	14	51.5	549			
300-400	350	300	300	425	720	560	500	560	200	160	400	325	110	34	350	450	270	370	162.5	60	162.5	32	20	120	600	60	140	18	64	612			
300-500	350	300	300	450	720	560	500	560	200	160	400	325	110	34	350	450	270	370	162.5	60	162.5	32	20	120	600	60	140	18	64	658			
400-500	400	500	375	517	1009	675	600	675	4	220	245	150	165	40	510	630	380	500	210	100	210	35	30	75.5	900	70	165	20	80.5	918			
500-500	500	500	375	517	1009	675	600	675	4	220	245	150	165	40	510	630	380	500	210	100	210	35	30	75.5	900	70	165	20	80.5	918			