

KZS 50Hz/60Hz

스테인레스 횡형 원심 펌프



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● 소개

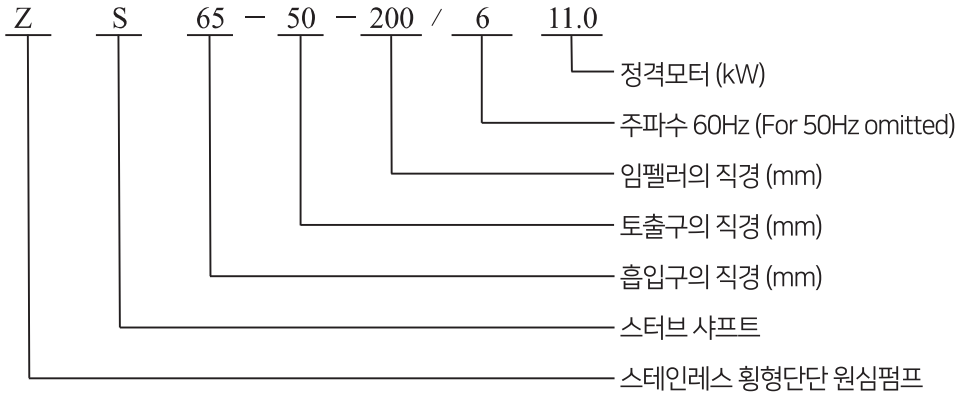
KZS 스테인레스 황형 단단 원심 펌프는 부식 방지 플레이트의 부풀어 오르는 용접과 같은 고급 기술로 만들어집니다.

차세대 원심 펌프는 전통적인 IS 펌프 및 일반적인 부식 방지 펌프를 대체 할 수 있습니다.

그것은 아름다운 외관, 가볍고 편리한 구조, 고효율 및 에너지 절약, 내구성, 부식 방지, 저소음 등

● 모델의 정의

KZS 65-50-200/6 11.0



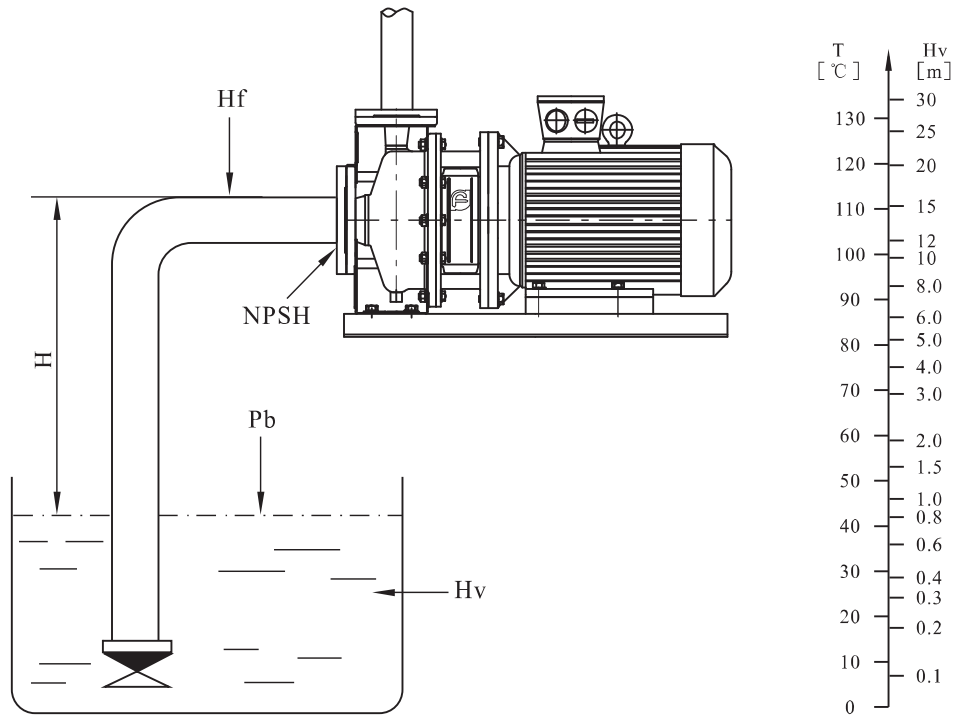
● 적용 사례

KZS 스테인레스 스틸 수평 단단 원심 펌프는 광범위한 응용 분야의 다기능 제품입니다.

물 또는 산업용 액체를 포함한 다양한 매체를 전달할 수 있으며 온도, 유량 및 압력 범위에 따라 다릅니다.

일반적인 응용 분야는 주로 다음과 같은 측면을 포함합니다.

- 물 공급 : 수도 작업, 운송 및 하위 구역의 여과, 메인 덕트의 가압
- 산업용 가압 : 유량 습윤 시스템, 세척 시스템
- 산업용 액체 운송 : 보일러, 응축 시스템, 냉각 및 공조 시스템, 공작 기계 지원, 경산 및 알칼리 운송의 물 공급
- 수 처리 : 증류수 시스템 또는 분리기, 수영장
- 농지 관개, 의학 및 위생 외



● 최소 흡입 압력 NPSH

펌프의 압력이 액체를 전달하는 데 사용 된 증기 압력보다 낮은 경우, 공동 현상이 발생합니다. 캐비테이션을 피하기 위해 펌프의 흡입측에서 최소 압력이 보장되어야 합니다. 최대치 흡입 스톡크는 다음 공식으로 계산할 수 있습니다.

$$H = P_b \times 10.2 - NPSH - H_f - H_v - H_s$$

Pb- 대기 압력(bar)

단한 시스템에서 pb는 시스템 압력을 의미합니다.

NPSH- 포지티브 흡입 헤드

NPSH 곡선에 표시된 최대 유량 지점에서 읽을 수 있습니다

Hf- 흡입측에서의 관손실(m)

파이프 라인 가능한 최대 흐름에 따릅니다

Hv - 스팀 압력 (bar)

그것은 액체 온도와 증기 압력 밸브에 달려 있습니다.

Hs - 안전율 (m)

최소 0.5 m 이송 헤드

계산 결과 H가 음수이면 펌프가 최대 값 이하로 작동 할 수 있습니다.

흡입 헤드 H. 계산 결과 H가 음수 인 경우 분의 전달 헤드, 흡입구 압력이 필요합니다.

참고 : 일반적으로 위의 계산은 수행되지 않습니다. H는 다음 조건에서 계산됩니다.

1. 액체 온도가 비교적 높은 경우
2. 액체 유량이 정격 값을 초과한 경우
3. 흡입 헤드는 비교적 크거나 입구 파이프 라인이 긴 경우
4. 시스템 압력이 너무 낮은 경우
5. 입구 조건이 나쁜 경우

● 설치 요구 사항

KZS 펌프의 샤프트 연결 유형은 직접 연결입니다.
펌프는 펌프, 샤프트 및 표준 모터로 구성됩니다.

- 펌프는 환기 및 동결 방지 장소에 설치해야 합니다.
- 펌프 설치 시 파이프 라인의 장력에 의해 펌프에 압력이 가해지지 않도록 해야 합니다.
- 펌프를 실외에 설치하는 경우 적절한 외부 덮개를 사용하여 물 유입 또는 응결 이슬 형태의 전기 요소를 제거해야 합니다.
- 기계 그룹 주위에 충분한 공간을 남겨 두어야 합니다.
- 전기 배선 장치는 상 부족, 불안정한 전압, 누전 및 과부하로 인해 펌프가 손상되지 않도록 보장해야 합니다.
- 펌프는 바닥에 수평으로 설치해야 합니다. 수평 방향은 펌프의 입구이고 수직 방향 제거는 펌프의 출구입니다.
- 플랜지 연결 치수는 관련 규정 PN16inGB / T17241.6 또는 ISO7005-2 / DIN2501과 일치합니다.

● 곡선표

다음 조건은 아래 표시된 성능 곡선에 적합합니다.

1. ISO9906.2012 Grade 3B에 따른 곡선 공차
2. 모든 곡선은 모터 3 x 380V 50Hz : 2900rpm 또는 2950rpm ,
60Hz : 3450rpm 또는 3500rpm의 등속 측정값에 기초 합니다.
3. 시험 매체는 고체 순도없이 맑은 20도 물입니다.
4. 유량이 곡선의 최소 또는 최대 유량을 초과하면 펌프가 작동하지 않아야 합니다.
5. 매체의 점도 또는 밀도가 물과 다른 경우 모터 출력을 조정해야 합니다.

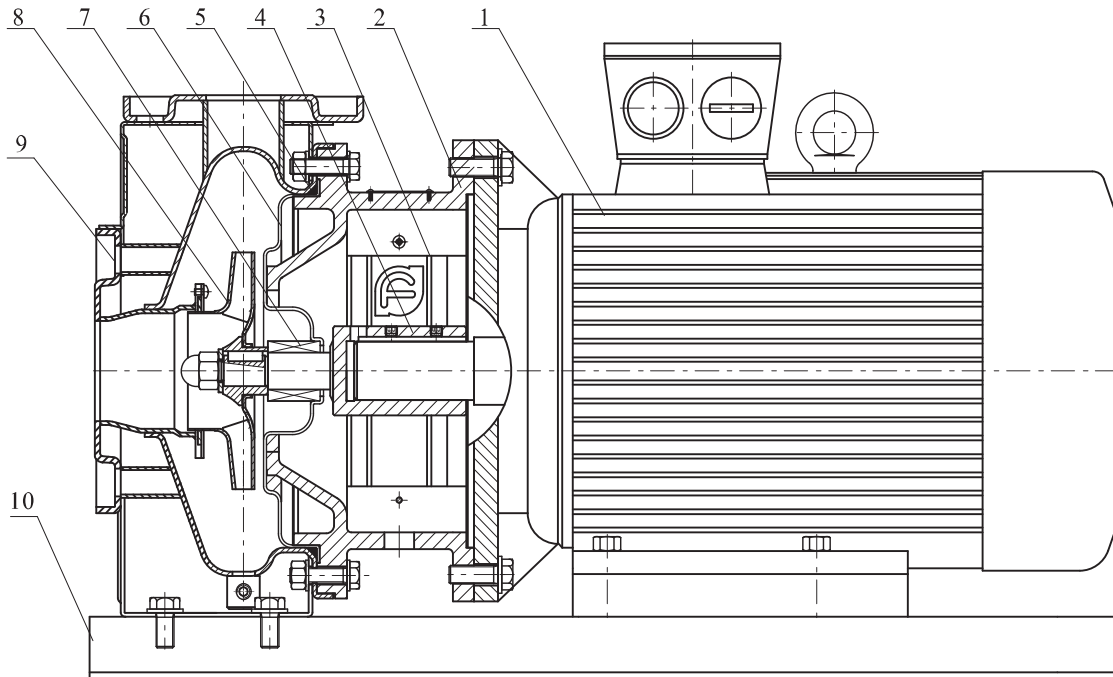
● 작동 조건

- 깨끗하고 얇고 불연성이며 폭발성이 있으며 고체 입자와 섬유가 있는 액체를 포함하지 않는 것
- 액체 온도
- 주변 온도
- 고도
- 시스템의 최대압력은 10bar입니다

● 모터

- TEFC 모터, 2-pole:
- 보호 등급 : IP55
- 절연등급 : F
- 표준 전압 : 50 Hz 1 x 220 V
3 X 380V
- 표준 전압 : 60 Hz 1 x 220V
3X220V
3X380V
3X460V

● 단면도

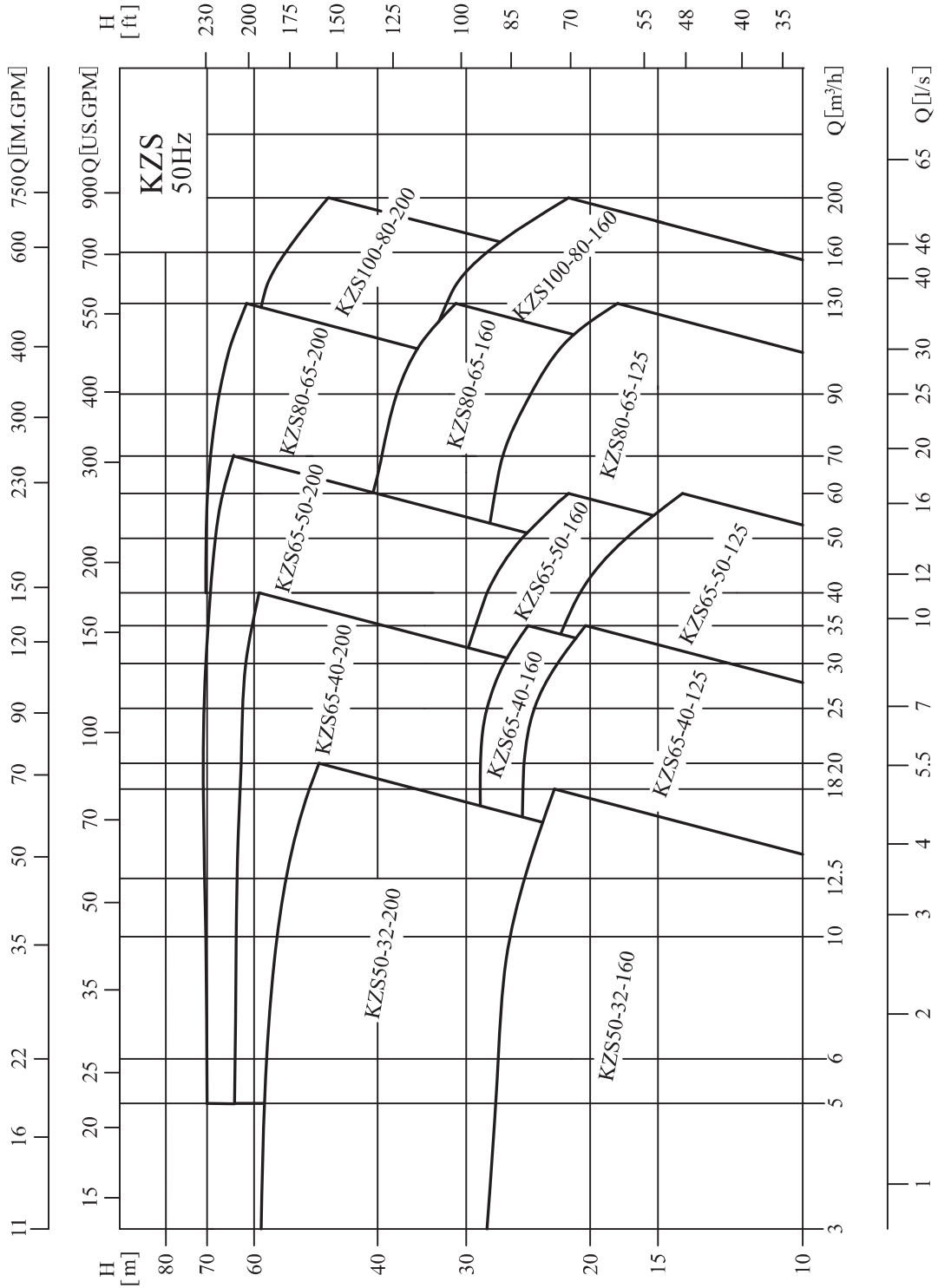


● 재질

NO.	Parts	Material	AISI/ASTM
1	Motor		
2	Pump head	HT 200	ASTM25B
3	Guard plate	06Cr19Ni10	AISI304
4	Shaft	20Cr13/06Cr19Ni10	AISI420/ AISI304
5	O ring	NBR	
6	Lining of pump head	06Cr19Ni10	AISI304
7	Mechanical seal	Carbon/Silicon Carbide	
8	Impeller	06Cr19Ni10	AISI304
9	Casing	06Cr19Ni10	AISI304
10	Base plate	Q235	ASTMA570

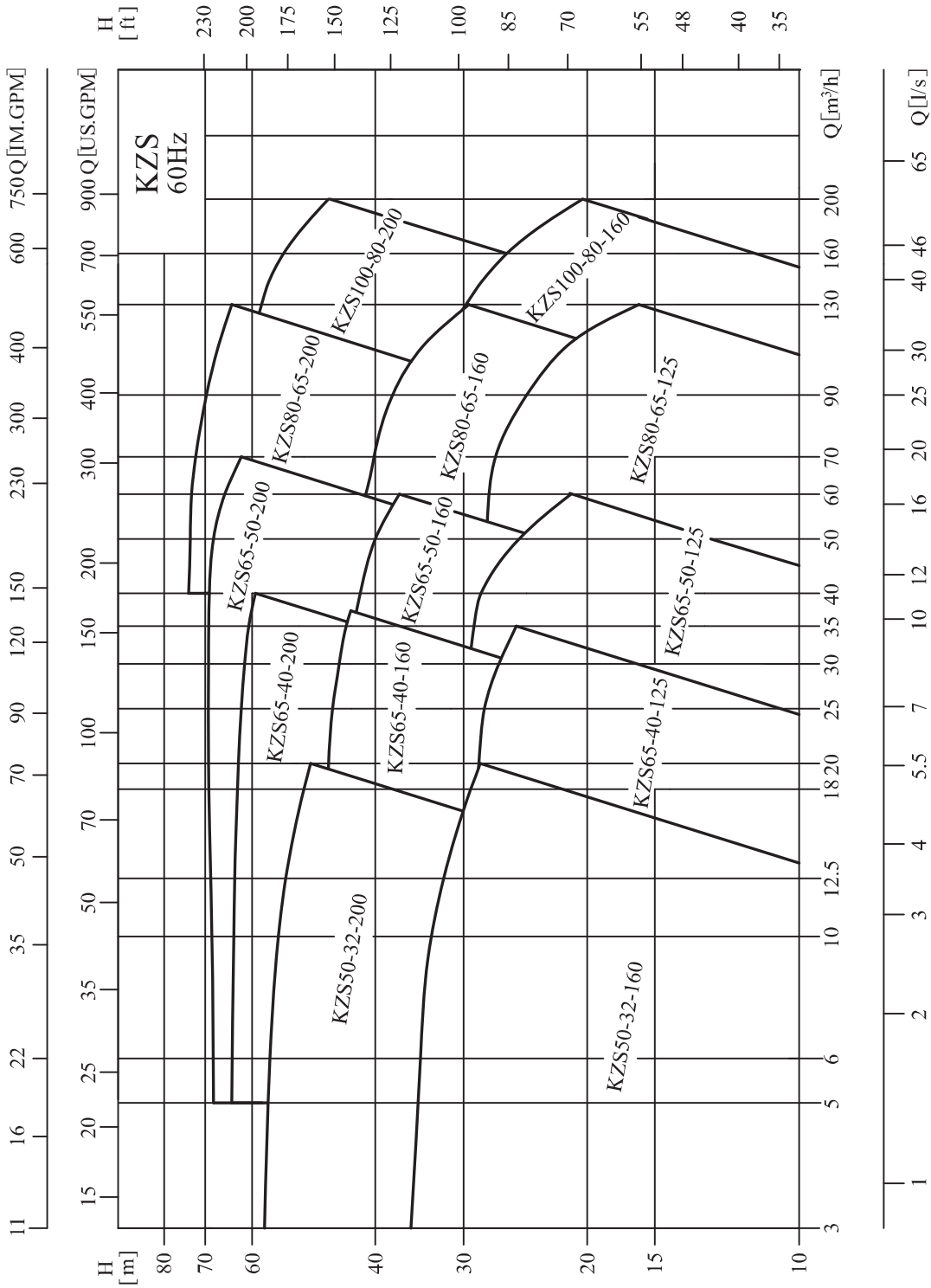
● 성능범위

50Hz



● 성능범위

60Hz



● 제품범위

50Hz

NO.	Model	Q (m ³ /h)	H (m)	n (r/min)	Standard voltage (V)		
					1×220V	3×380V	
					P ₂ (kW)	P ₂ (kW)	
1	KZS50-32-160/1.1	6.3	18	2900	1.1	1.1	
2	KZS50-32-160/1.5	12.5	20		1.5	1.5	
3	KZS50-32-160/2.2	12.5	25		2.2	2.2	
4	KZS50-32-200/3.0	12.5	32			3	
5	KZS50-32-200/4.0	12.5	42			4	
6	KZS50-32-200/5.5	12.5	54			5.5	
7	KZS65-40-125/1.5	25	13	2950	1.5	1.5	
8	KZS65-40-125/2.2	25	18		2.2	2.2	
9	KZS65-40-125/3.0	25	24			3	
10	KZS65-40-160/4.0	25	28			4	
11	KZS65-40-200/5.5	25	36			5.5	
12	KZS65-40-200/7.5	25	46			7.5	
13	KZS65-40-200/11.0	25	62			11	
14	KZS65-50-125/3.0	50	13		2900		3
15	KZS65-50-125/4.0	50	18				4
16	KZS65-50-160/5.5	50	25				5.5
17	KZS65-50-200/7.5	50	32				7.5
18	KZS65-50-200/9.2	50	40				9.2
19	KZS65-50-200/11.0	50	48			11	
20	KZS65-50-200/15.0	50	58	2950		15	
21	KZS65-50-200/18.5	50	68			18.5	
22	KZS80-65-125/5.5	100	13		2900		5.5
23	KZS80-65-125/7.5	100	18			7.5	
24	KZS80-65-125/9.2	100	23			9.2	
25	KZS80-65-160/11.0	100	27	2950			11
26	KZS80-65-160/15.0	100	36				15
27	KZS80-65-200/18.5	100	45				18.5
28	KZS80-65-200/22.0	100	53			22	
29	KZS80-65-200/30.0	100	66			30	
30	KZS100-80-160/11.0	160	15		2950		11
31	KZS100-80-160/15.0	160	22				15
32	KZS100-80-160/18.5	160	28				18.5
33	KZS100-80-200/22.0	160	33				22
34	KZS100-80-200/30.0	160	45				30
35	KZS100-80-200/37.0	160	54			37	

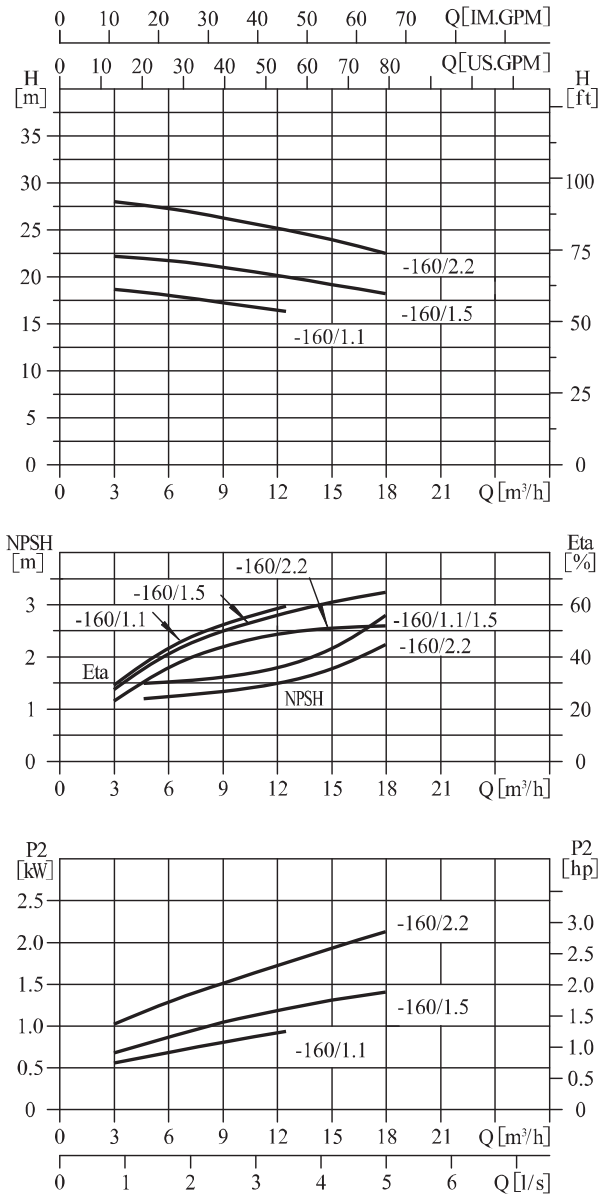
● 제품범위

60Hz

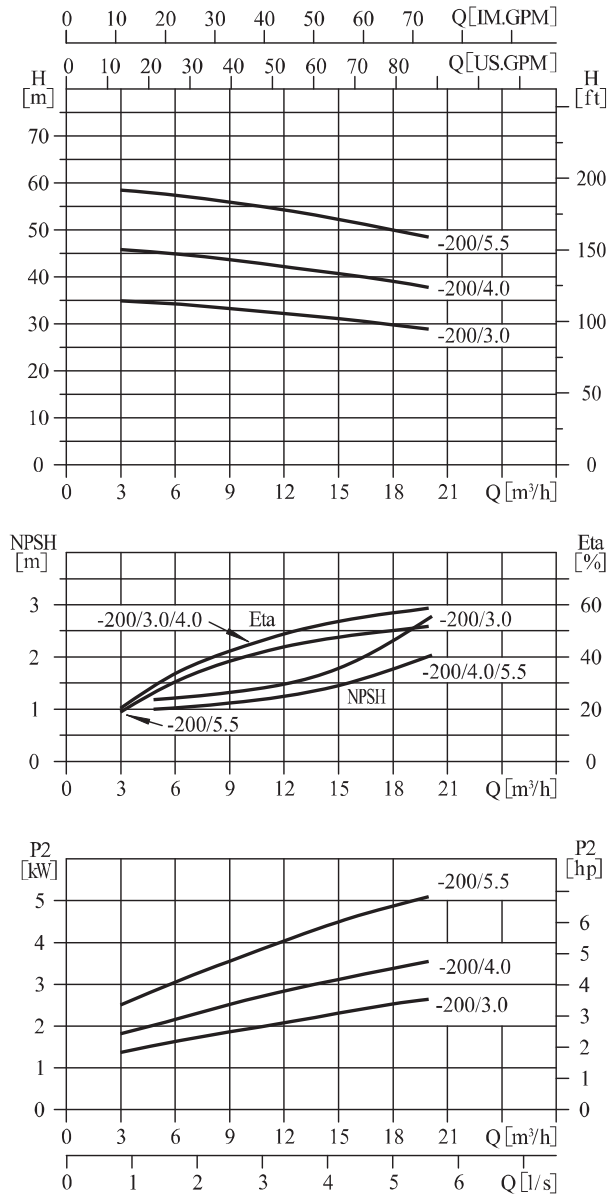
NO.	Model	Q (m ³ /h)	H (m)	n (r/min)	Standard voltage (V)	
					1×220V	3×380V
					P ₂ (kW)	P ₂ (kW)
1	KZS50-32-160/6 1.1	6.3	18	3450	1.1	1.1
2	KZS50-32-160/6 1.5	12.5	20		1.5	1.5
3	KZS50-32-160/6 2.2	12.5	25		2.2	2.2
4	KZS50-32-160/6 3.0	12.5	32			3
5	KZS50-32-200/6 4.0	12.5	42			4
6	KZS50-32-200/6 5.5	12.5	54			5.5
7	KZS65-40-125/6 1.5	25	13		1.5	1.5
8	KZS65-40-125/6 2.2	25	18		2.2	2.2
9	KZS65-40-125/6 3.0	25	24			3
10	KZS65-40-125/6 4.0	25	28			4
11	KZS65-40-160/6 5.5	25	36			5.5
12	KZS65-40-160/6 7.5	25	46			7.5
13	KZS65-40-200/6 11.0	25	62	3500		11
14	KZS65-50-125/6 3.0	50	13	3450		3
15	KZS65-50-125/6 4.0	50	18			4
16	KZS65-50-125/6 5.5	50	25			5.5
17	KZS65-50-160/6 7.5	50	32			7.5
18	KZS65-50-160/6 9.2	50	40			9.2
19	KZS65-50-200/6 11.0	50	48			11
20	KZS65-50-200/6 15.0	50	58	3500		15
21	KZS65-50-200/6 18.5	50	68			18.5
22	KZS80-65-125/6 5.5	100	12.5	3450		5.5
23	KZS80-65-125/6 7.5	100	18			7.5
24	KZS80-65-125/6 9.2	100	23			9.2
25	KZS80-65-160/6 11.0	100	27	3500		11
26	KZS80-65-160/6 15.0	100	36			15
27	KZS80-65-200/6 18.5	100	45			18.5
28	KZS80-65-200/6 22.0	100	53			22
29	KZS80-65-200/6 30.0	100	68			30
30	KZS100-80-160/6 15.0	160	20			15
31	KZS100-80-160/6 18.5	160	26			18.5
32	KZS100-80-200/6 22.0	160	33			22
33	KZS100-80-200/6 30.0	160	45			30
34	KZS100-80-200/6 37.0	160	54			37

KZS 횡형 원심 펌프

● KZS50-32-***:



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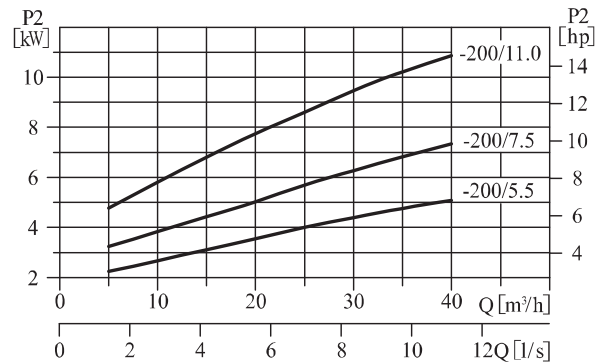
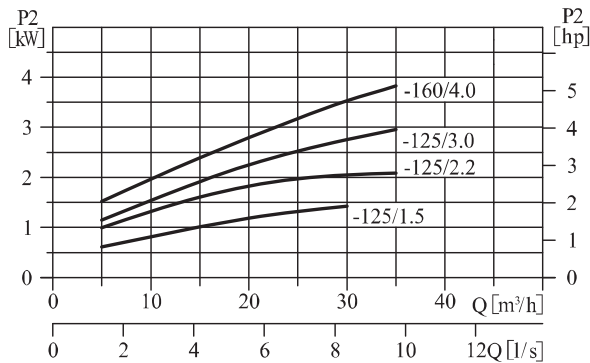
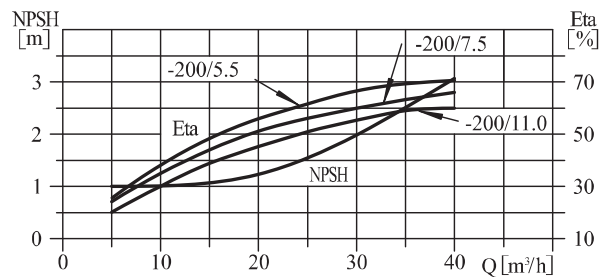
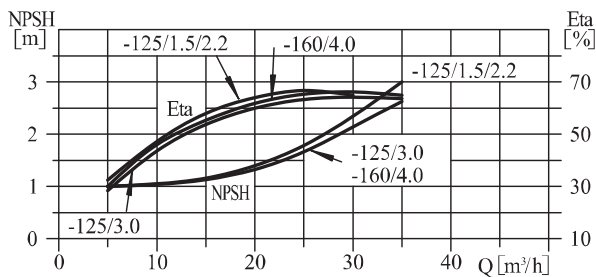
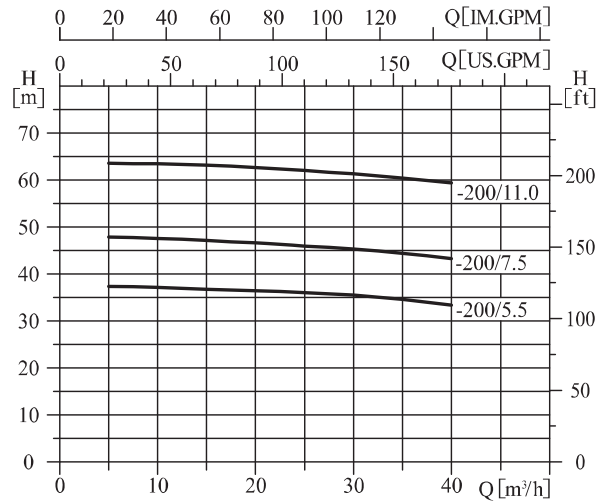
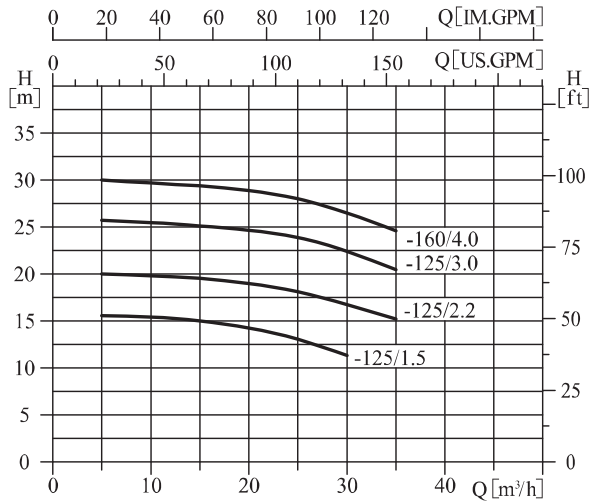


● 성능표

Model	Driving motor		Q (m³/h)	3	6.3	9	12.5	15	18	20
	(kW)	(hp)								
KZS50-32-160/1.1	1.1	1.5	H (m)	18.7	18	17.2	16.4			
KZS50-32-160/1.5	1.5	2		22.5	22	21	20	19	18	
KZS50-32-160/2.2	2.2	3		28	27	26.3	25	24	22.5	
KZS50-32-200/3.0	3	4		34.9	34.1	33.3	32	31	29.8	28.9
KZS50-32-200/4.0	4	5.5		45.7	44.8	43.7	42	40.7	39	37.7
KZS50-32-200/5.5	5.5	7.5		58.5	57.2	56	54	52.5	50	48.5

● KZS65-40-***:

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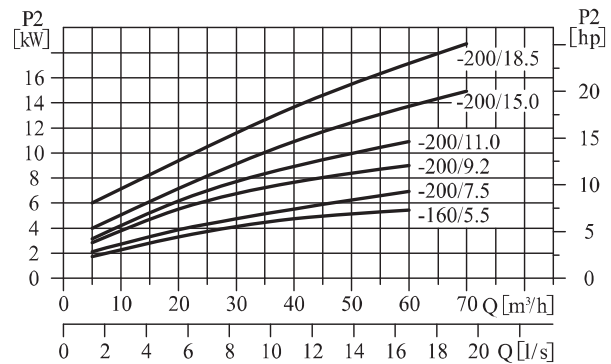
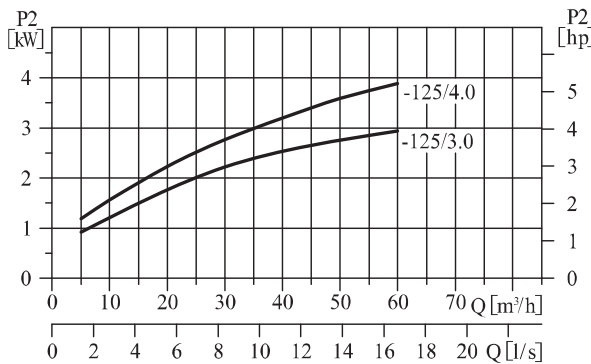
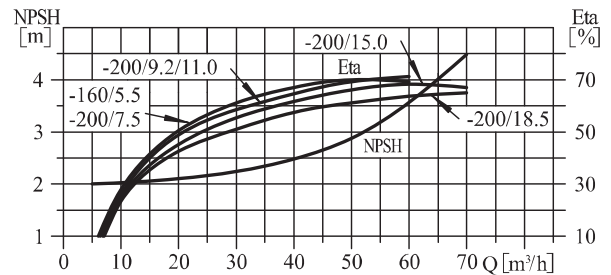
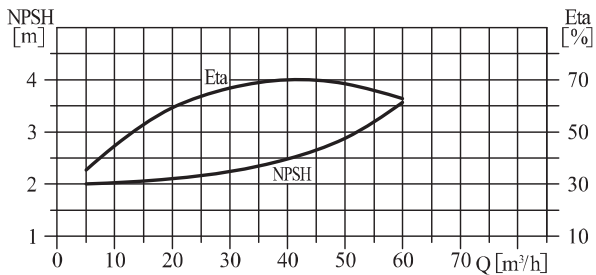
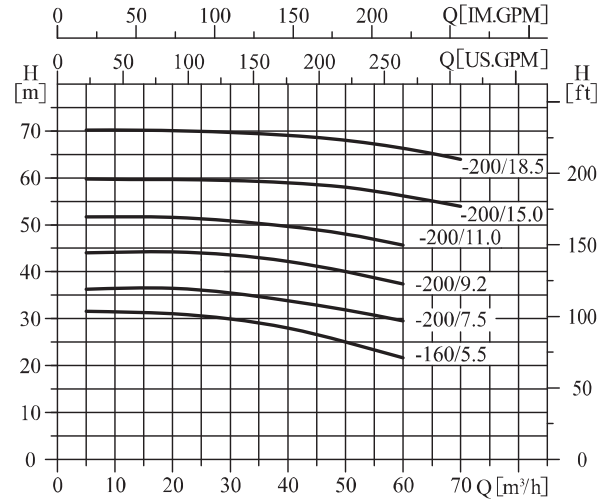
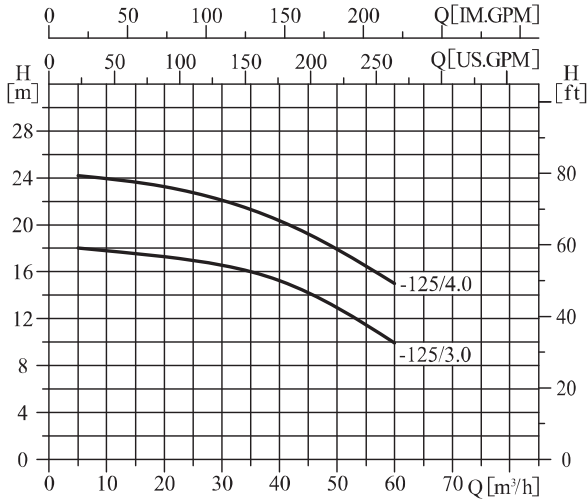
● 성능표

Model	Driving motor		Q (m³/h)	5	10	15	20	25	30	35	40	
	(kW)	(hp)										
KZS65-40-125/1.5	1.5	2	H (m)	15.5	15.4	15	14.4	13	11.3			
KZS65-40-125/2.2	2.2	3		20	19.7	19.5	19	18	16.7	15.2		
KZS65-40-125/3.0	3	4		25.7	25.3	25.1	24.8	24	22.3	20.3		
KZS65-40-160/4.0	4	5.5		30	29.7	29.3	28.9	28	26.5	24.5		
KZS65-40-200/5.5	5.5	7.5		37.4	37.2	36.7	36.4	36	35.5	34.6	33.3	
KZS65-40-200/7.5	7.5	10		48	47.5	47	46.6	46	45.2	44.5	43.3	
KZS65-40-200/11.0	11	15		64	63.5	63	62.5	62	61.5	60.5	59	

KZS 횡형 원심 펌프

● KZS65-50-***:

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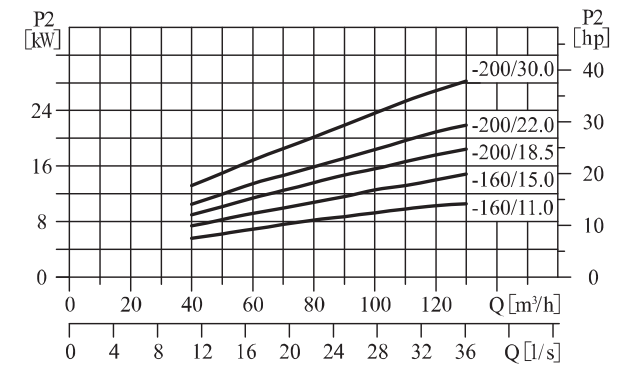
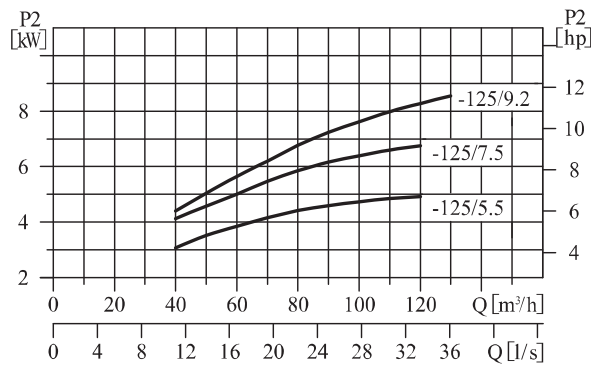
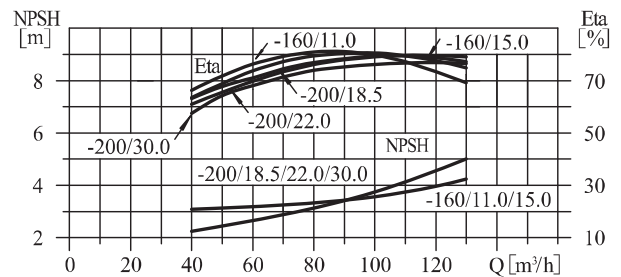
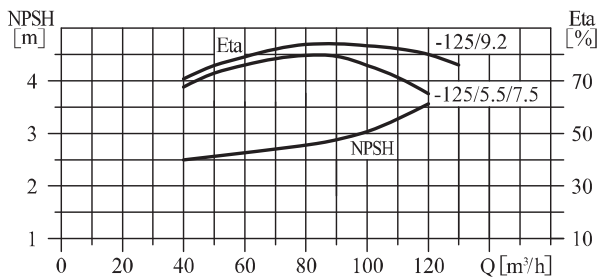
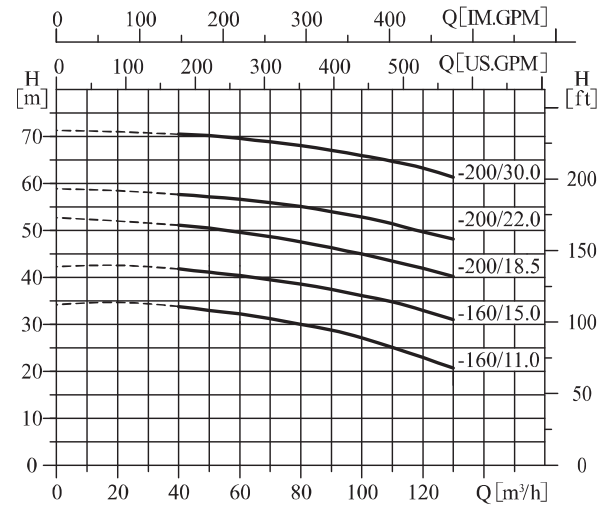
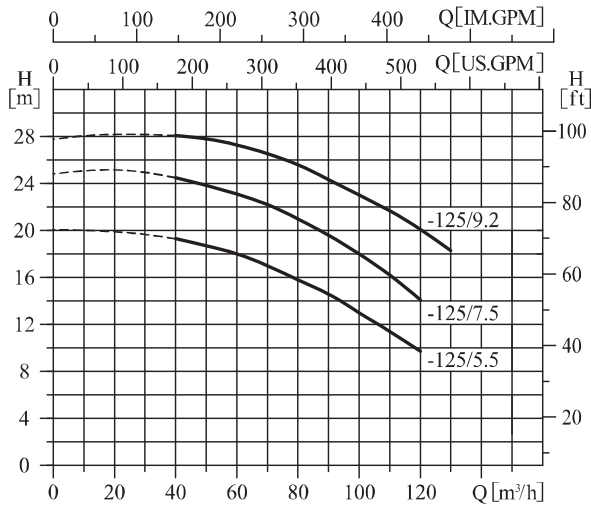


● 성능표

Model	Driving motor		Q (m³/h)	H (m)							
	(kW)	(hp)		5	10	20	30	40	50	60	70
KZS65-50-125/3.0	3	4	H (m)	18	17.8	17.2	16.4	15.1	13	10	
KZS65-50-125/4.0	4	5.5		24.2	24.2	23.6	22.6	20.7	18	14.8	
KZS65-50-160/5.5	5.5	7.5		31.6	31.5	31	30	28	25	21.5	
KZS65-50-200/7.5	7.5	10		36.3	36.6	36.4	35.6	34.1	32	29.6	
KZS65-50-200/9.2	9.2	12.5		43.5	43.5	43.5	43	42	40	37.5	
KZS65-50-200/11.0	11	15		51.5	51.5	51	50	49.3	48	45.6	
KZS65-50-200/15.0	15	20		59.7	59.7	59.6	59.5	59	58	56.2	53
KZS65-50-200/18.5	18.5	25		70.2	70.2	70.1	70	69.1	68	66.4	64

● KZS80-65-***:

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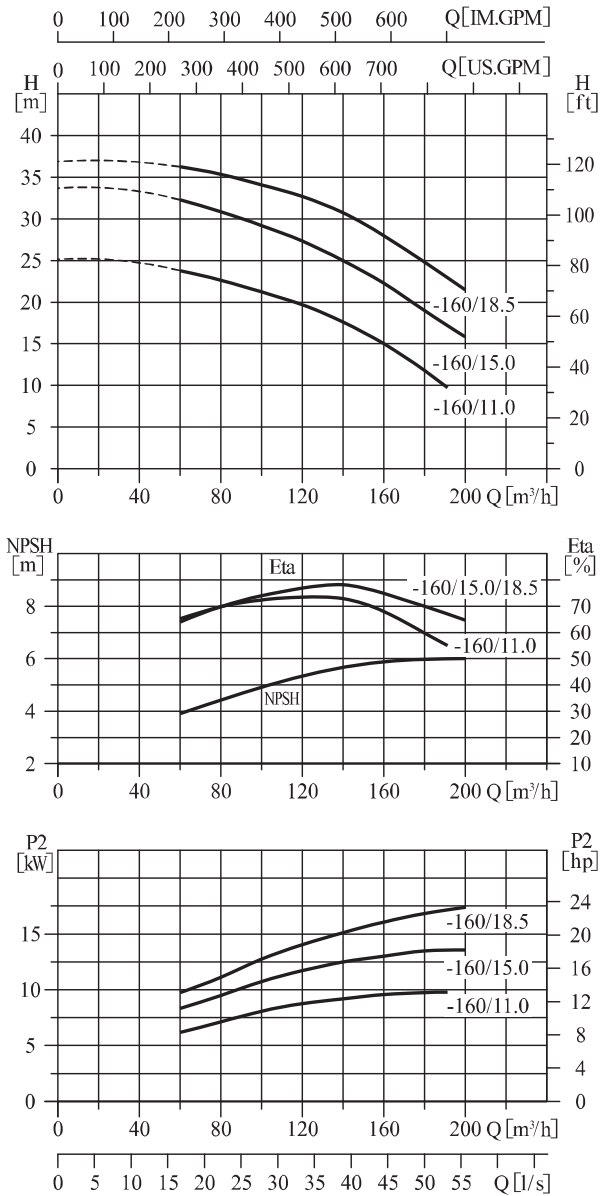


● 성능표

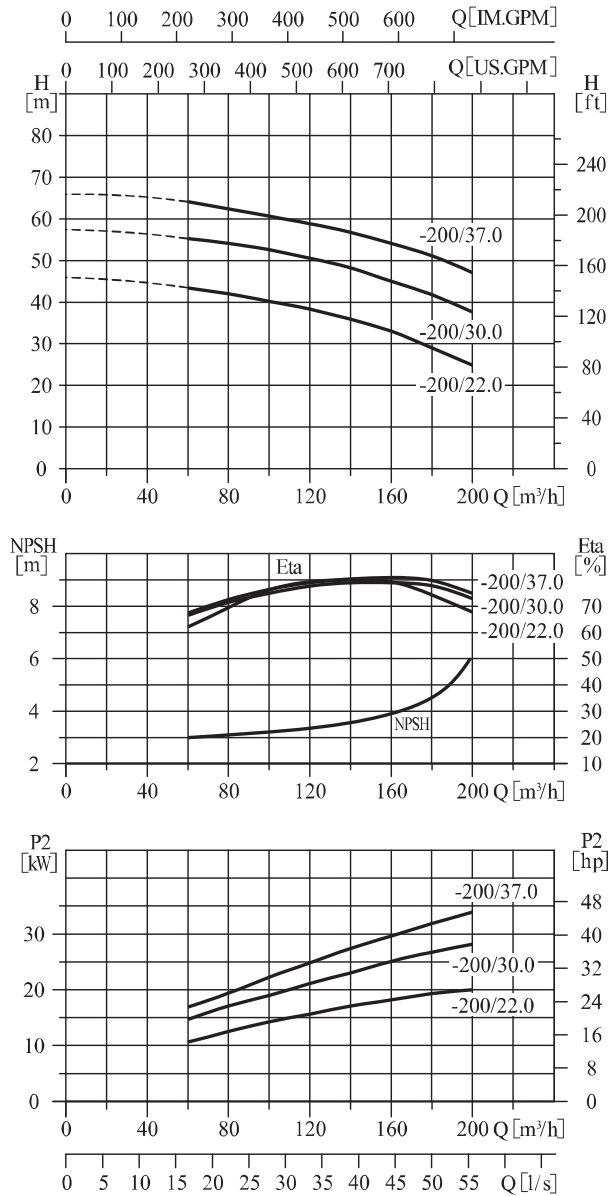
Model	Driving motor		Q (m³/h)	H (m)											
	(kW)	(hp)		40	50	60	70	80	90	100	110	120	130		
KZS80-65-125/5.5	5.5	7.5	H (m)	19.3	18.7	18	17	15.8	14.8	13	11.4	9.7			
KZS80-65-125/7.5	7.5	10		24.5	23.8	23.1	22.2	21	19.6	18	16.2	14.1			
KZS80-65-125/9.2	9.2	12.5		28.1	27.8	27.3	26.6	25.7	24.3	23	21.8	20.1	18.3		
KZS80-65-160/11.0	11	15		33.9	33	32.2	31.3	29.9	28.8	27	25.1	22.9	20.7		
KZS80-65-160/15.0	15	20		41.8	41.1	40.4	39.5	38.6	37.6	36	34.8	33	31		
KZS80-65-200/18.5	18.5	25		51	50.5	49.6	48.7	47.6	46.3	45	43.5	42.2	40.2		
KZS80-65-200/22.0	22	30		57.7	57.2	56.8	55.9	55.1	54	53	51.6	49.7	48.2		
KZS80-65-200/30.0	30	40		70.2	70.2	69.6	68.9	68.2	67.1	66	64.6	63.3	61.4		

KZS 횡형 원심 펌프

● KZS100-80-***:



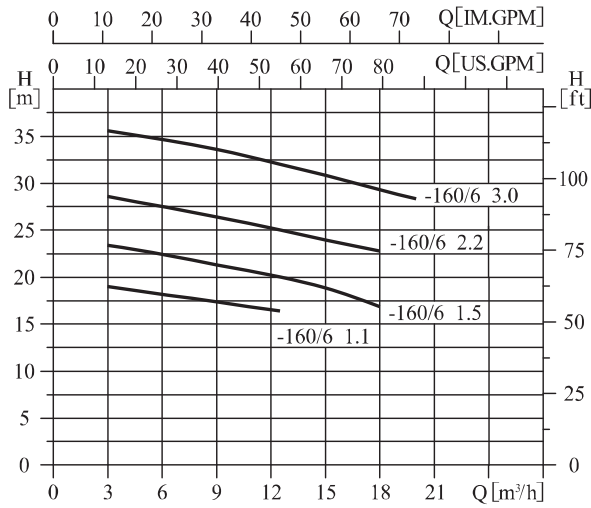
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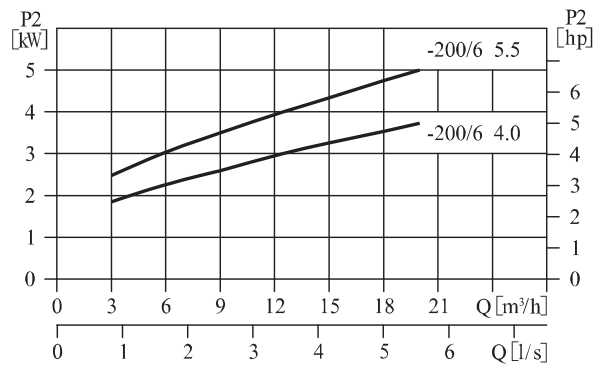
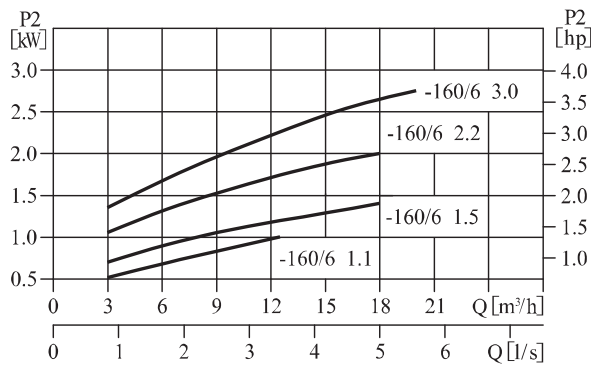
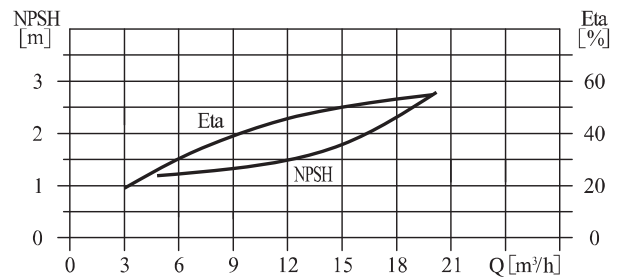
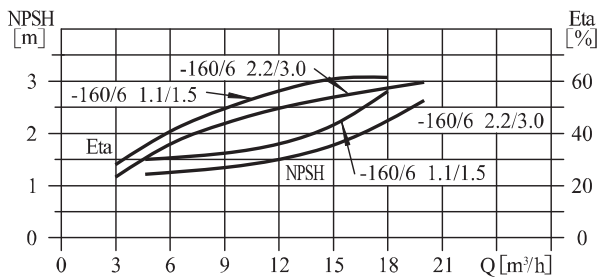
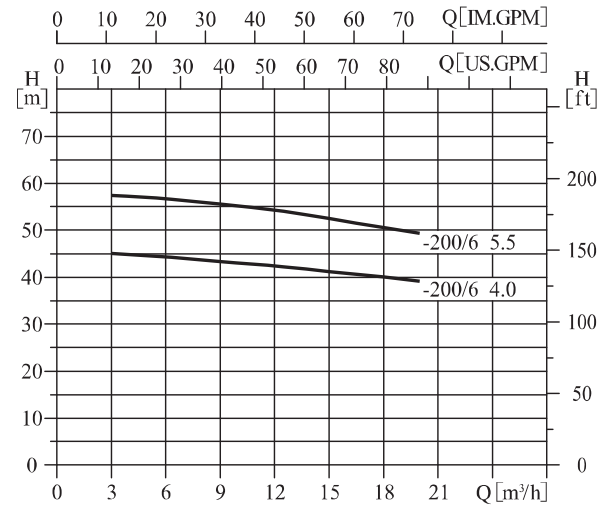
● 성능표

Model	Driving motor		Q (m³/h)	H (m)										
	(kW)	(hp)		60	80	100	120	140	160	180	192	200		
KZS100-80-160/11.0	11	15	H (m)	23.8	22.7	21.1	19.7	17.6	15	11.8	9.7			
KZS100-80-160/15.0	15	20		32.3	30.8	29.1	27.2	25.1	22	18.8			16.1	
KZS100-80-160/18.5	18.5	25		36.2	35.2	33.8	32.7	31	28	24.8			21.5	
KZS100-80-200/22.0	22	30		43.5	42	39.7	38.3	35.9	33	29			24.9	
KZS100-80-200/30.0	30	40		55.4	54.1	52.6	50.5	48.2	45	41.9			37.6	
KZS100-80-200/37.0	37	50		64.1	62.5	61	59	57.4	54	51.2			47.1	

● KZS50-32-***:



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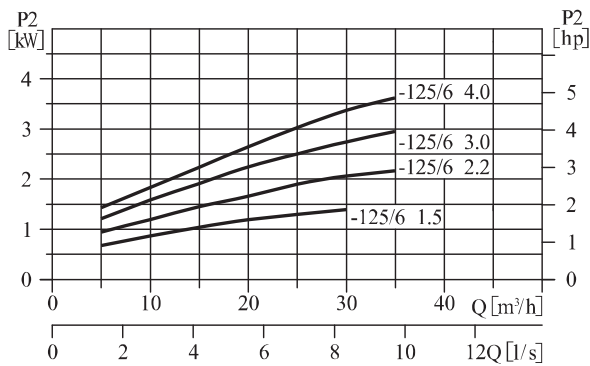
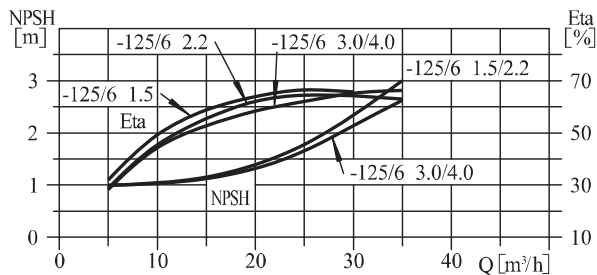
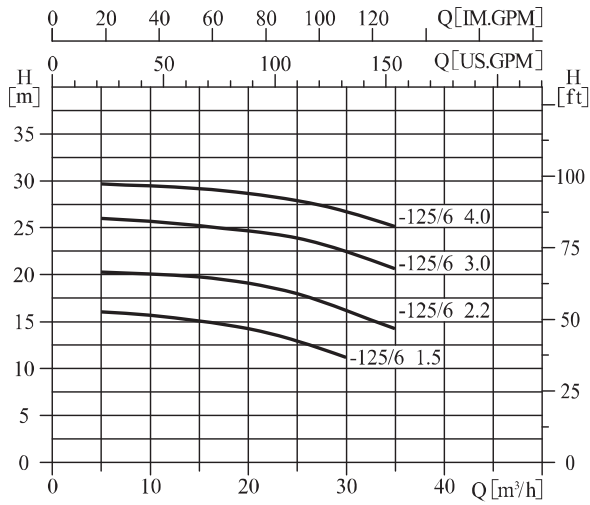


● 성능표

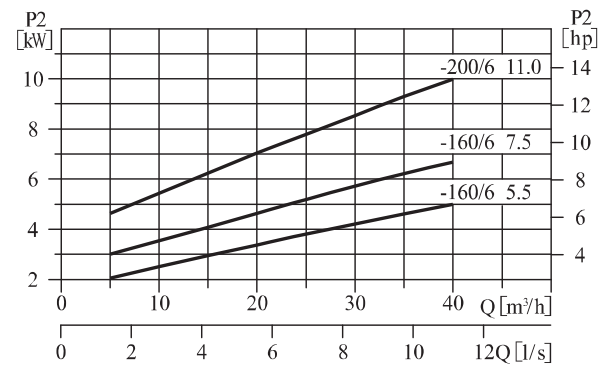
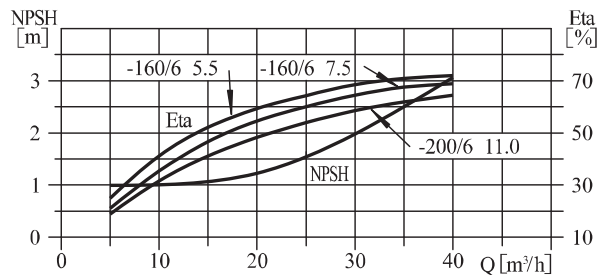
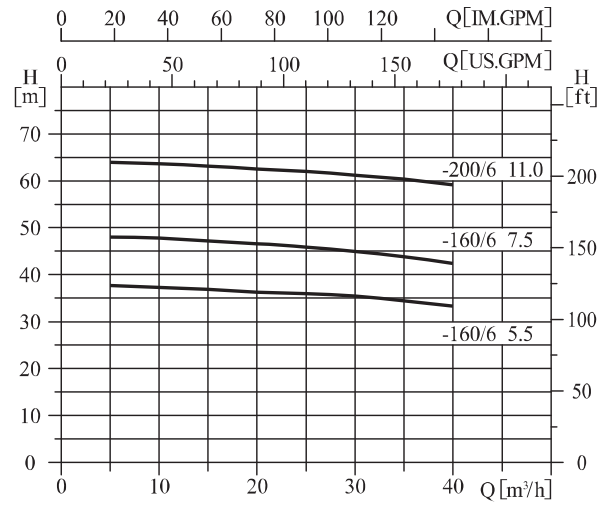
Model	Driving motor		Q (m³/h)	3	6.3	9	12.5	15	18	20
	(kW)	(hp)								
KZS50-32-160/6 1.1	1.1	1.5	H (m)	19	18	17.3	16.4			
KZS50-32-160/6 1.5	1.5	2		23.4	22.2	21.2	20	18.8	16.8	
KZS50-32-160/6 2.2	2.2	3		28.6	27.4	26.4	25	24	22.8	
KZS50-32-160/6 3.0	3.0	4		35.6	34.5	33.7	32	30.8	29.3	28.4
KZS50-32-200/6 4.0	4.0	5.5		45	44.1	43.3	42	41.2	40	39.1
KZS50-32-200/6 5.5	5.5	7.5		57.5	56.5	55.7	54	52.5	50.5	49.4

KZS 횡형 원심 펌프

● KZS65-40-***:



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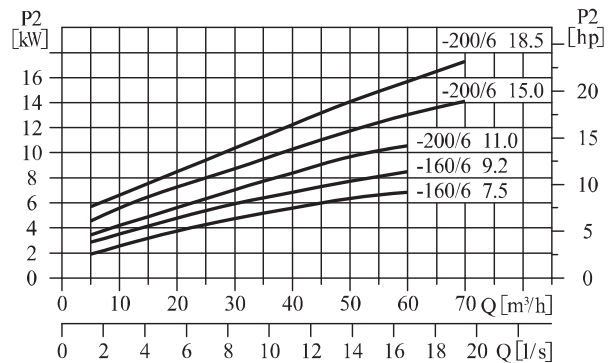
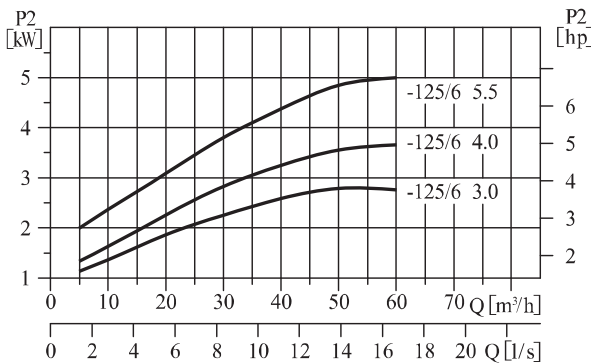
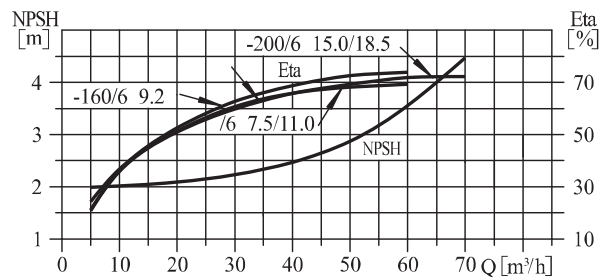
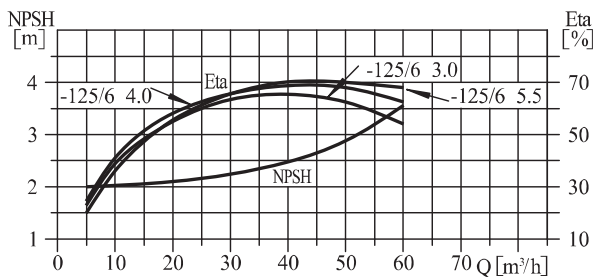
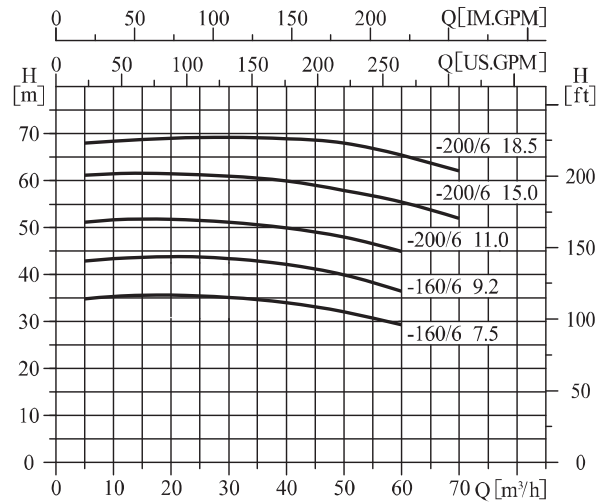
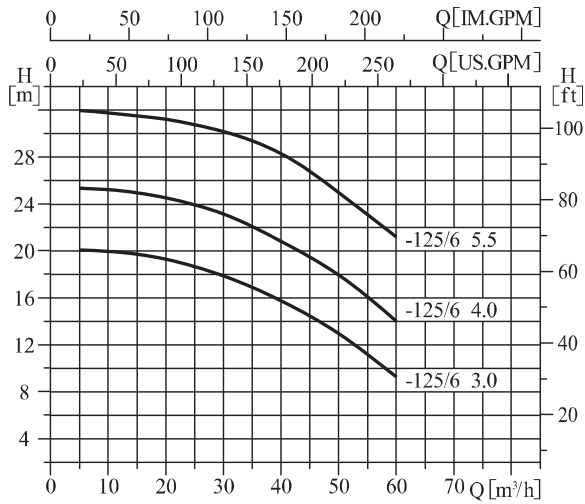


● 성능표

Model	Driving motor		Q (m³/h)	5	10	15	20	25	30	35	40
	(kW)	(hp)									
KZS65-40-125/6 1.5	1.5	2	H (m)	16.1	15.6	15.1	14.2	13	11.2		
KZS65-40-125/6 2.2	2.2	3		20.3	20	19.7	19.1	18	16.2	14.3	
KZS65-40-125/6 3.0	3	4		26	25.6	25.2	24.6	24	22.5	20.7	
KZS65-40-125/6 4.0	4	5.5		29.6	29.4	29.1	28.5	28	26.7	25.2	
KZS65-40-160/6 5.5	5.5	7.5		37.8	37.3	36.8	36.3	36	35.5	34.5	33.2
KZS65-40-160/6 7.5	7.5	10		48	47.8	47.2	46.6	46	45	44	42.5
KZS65-40-200/6 11.0	11	15		64	63.6	63.2	62.6	62	61.3	60.5	59.2

● KZS65-50-***:

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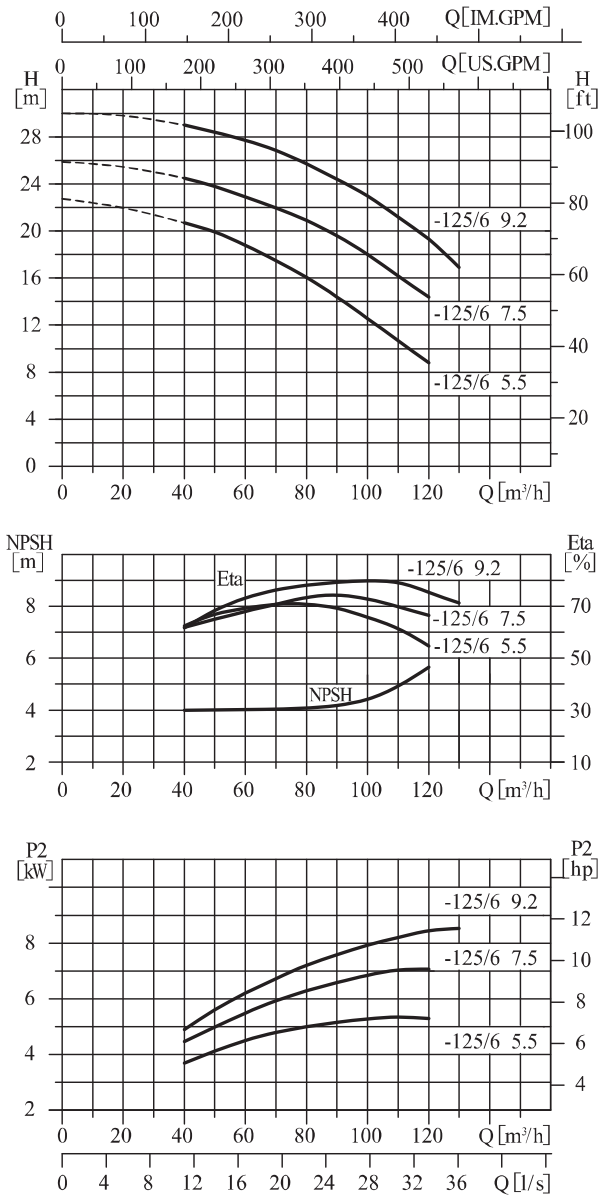


● 성능표

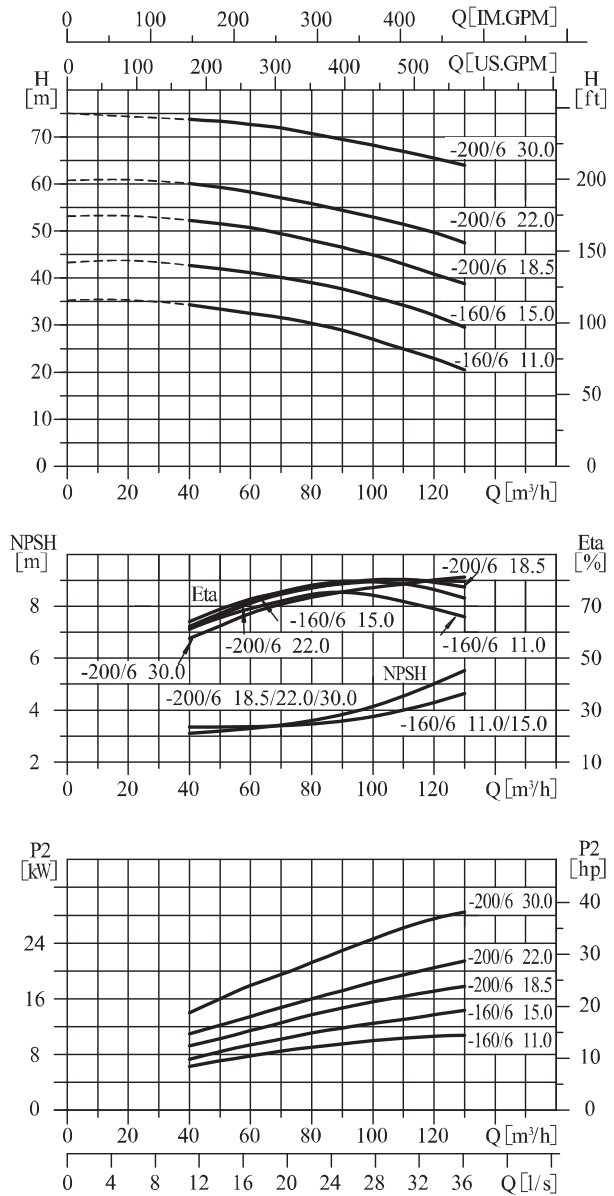
Model	Driving motor		Q (m³/h)	5	10	20	30	40	50	60	70
	(kW)	(hp)									
KZS65-50-125/6 3.0	3	4	H (m)	20.1	20	19.3	17.9	15.8	13	9.3	
KZS65-50-125/6 4.0	4	5.5		25.3	25.2	24.5	23.2	20.8	18	14.1	
KZS65-50-125/6 5.5	5.5	7.5		32	31.7	31.2	30.2	28.3	25	21.1	
KZS65-50-160/6 7.5	7.5	10		35	35.3	35.8	35.5	34.2	32	29.3	
KZS65-50-160/6 9.2	9.2	12.5		43	43.2	44	43.5	42	40	37	
KZS65-50-200/6 11.0	11	15		51.2	51.6	51.8	51.2	50	48	45	
KZS65-50-200/6 15.0	15	20		61	61.5	61.5	61.3	60	58	55.5	52
KZS65-50-200/6 18.5	18.5	25		68	68.3	69	69.2	68.9	68	65.4	62

KZS 횡형 원심 펌프

● KZS80-65-***:



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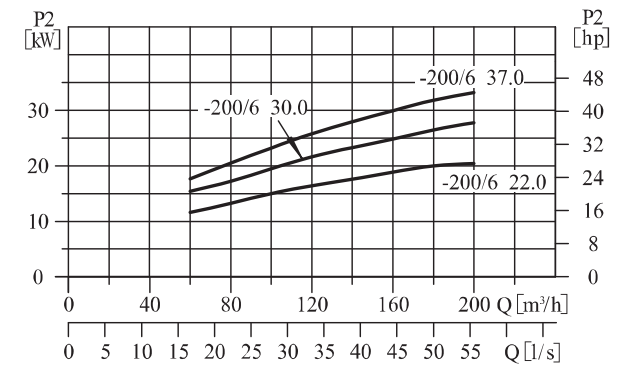
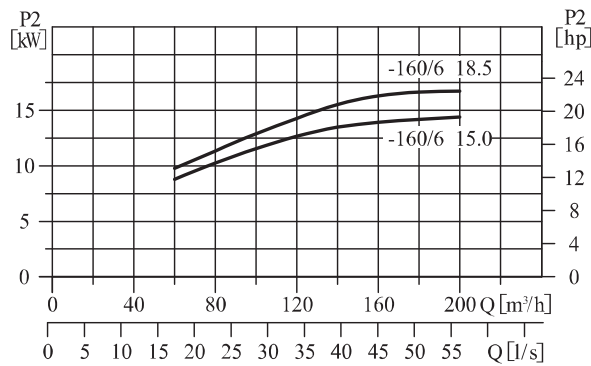
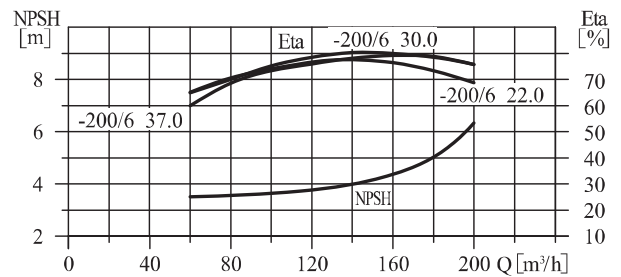
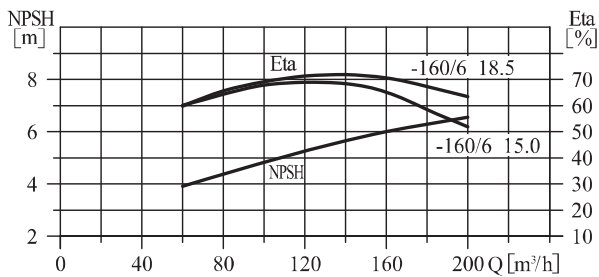
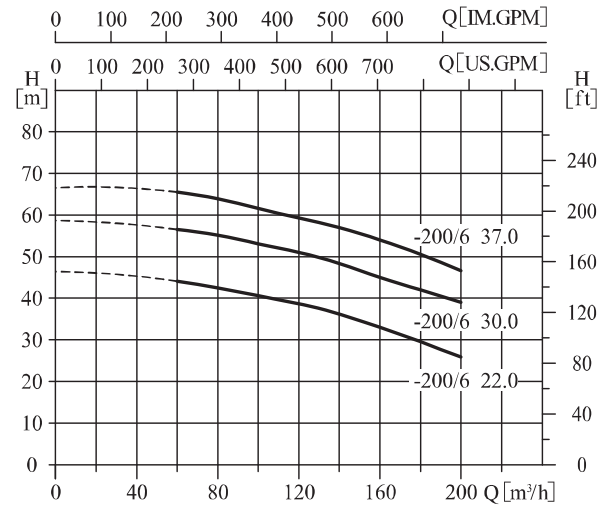
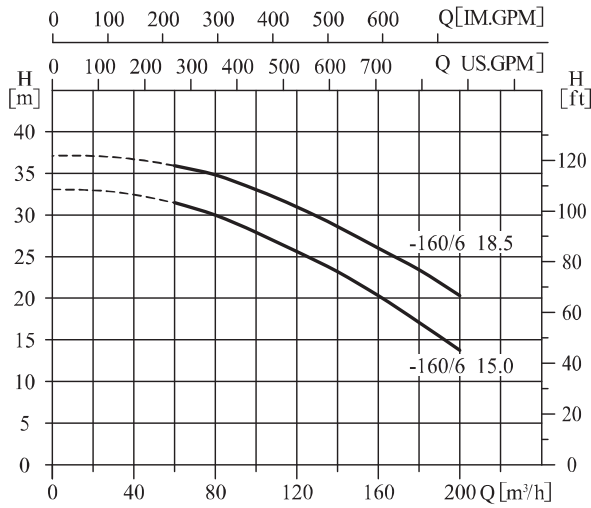


● 성능표

Model	Driving motor		Q (m³/h)	H (m)												
	(kW)	(hp)		40	50	60	70	80	90	100	110	120	130			
KZS80-65-125/6 5.5	5.5	7.5	H (m)	20.6	20	18.8	17.4	16.1	14.4	12.5	11	8.8				
KZS80-65-125/6 7.5	7.5	10		24.5	23.7	22.9	22	20.9	19.5	18	15.8	14.4				
KZS80-65-125/6 9.2	9.2	12.5		29	28.4	27.7	27	25.8	24.4	23	21.3	19.3	16.9			
KZS80-65-160/6 11.0	11	15		34.3	33.5	32.5	31.6	30.6	29	27	24.7	22.9	20.5			
KZS80-65-160/6 15.0	15	20		42.7	41.8	41	40.2	38.8	37.8	36	34.1	32.2	29.5			
KZS80-65-200/6 18.5	18.5	25		52.2	51.6	50.8	49.2	47.7	46.3	45	43	40.9	38.9			
KZS80-65-200/6 22.0	22	30		60.1	59.2	58.3	57	55.8	54.4	53	51.4	49.7	47.5			
KZS80-65-200/6 30.0	30	40		73.7	73.3	73	72.1	70.7	69.5	68	66.8	65.5	64			

● KZS100-80-***:

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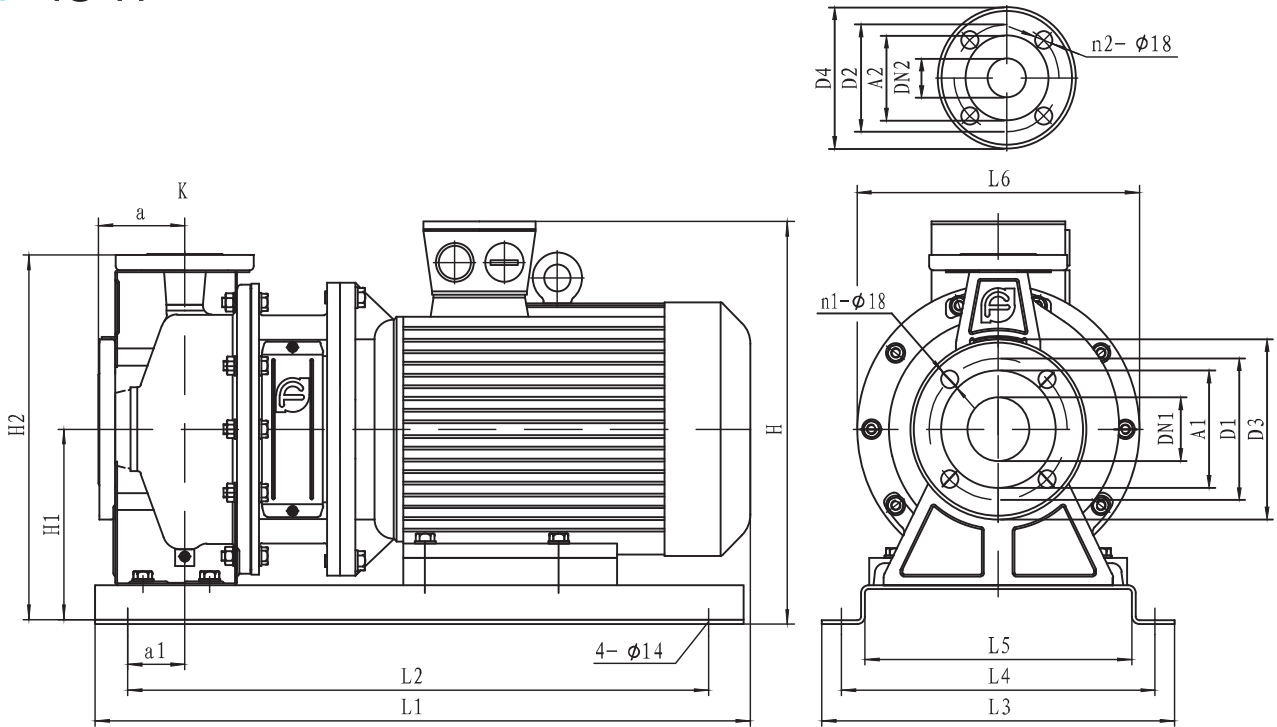


● 성능표

Model	Driving motor		Q (m³/h)	60	80	100	120	140	160	180	200
	(kW)	(hp)									
KZS100-80-160/6 15.0	15	20	H (m)	31.5	30	28.4	25.3	23.4	20	16.5	13.7
KZS100-80-160/6 18.5	18.5	25		35.9	34.8	33.1	31	28.6	26	23.5	20.3
KZS100-80-200/6 22.0	22	30		44.1	42.5	40.3	38.5	35.8	33	29.6	25.8
KZS100-80-200/6 30.0	30	40		56.5	55.2	52.7	50.6	48.7	45	42	39.1
KZS100-80-200/6 37.0	37	50		65.5	63.9	61.6	59	57	54	50.5	46.6

KZS 횡형 원심 펌프

● 외형치수



● 사이즈, 중량

50Hz

Model	Size (mm)																				Weight (kg)	
	DN1	DN2	A1	A2	D1	D2	D3	D4	n1	n2	a	a1	H	H1	H2	L1	L2	L3	L4	L5		L6
KZS50-32-160/1.1	50	32	98	75	125	100	160	139	4	4	80	32	290	152	296	470	370	280	240	192	210	31
KZS50-32-160/1.5	50	32	98	75	125	100	160	139	4	4	80	46	307	152	296	500	430	280	240	192	210	37
KZS50-32-160/2.2	50	32	98	75	125	100	160	139	4	4	80	46	307	152	296	500	430	280	240	192	210	39
KZS50-32-200/3.0	50	32	98	75	125	100	160	139	4	4	84	42	370	200	386	550	460	330	290	242	300	53
KZS50-32-200/4.0	50	32	98	75	125	100	160	139	4	4	84	47	393	200	386	560	480	330	290	242	300	58
KZS50-32-200/5.5	50	32	98	75	125	100	160	139	4	4	84	50	413	200	386	660	580	370	330	280	300	77
KZS65-40-125/1.5	65	40	118	84	145	110	185	145	4	4	80	45	307	152	294	502	430	280	240	192	210	33
KZS65-40-125/2.2	65	40	118	84	145	110	185	145	4	4	80	45	307	152	294	502	430	280	240	192	210	35
KZS65-40-125/3.0	65	40	118	84	145	110	185	145	4	4	80	45	322	152	294	532	460	300	260	212	250	47
KZS65-40-160/4.0	65	40	118	84	145	110	185	145	4	4	80	45	345	152	294	557	480	330	290	242	250	52
KZS65-40-200/5.5	65	40	118	84	145	110	185	145	4	4	100	50	413	200	380	680	580	370	330	280	300	78
KZS65-40-200/7.5	65	40	118	84	145	110	185	145	4	4	100	50	413	200	380	680	580	370	330	280	300	82
KZS65-40-200/11.0	65	40	118	84	145	110	185	145	4	4	100	50	456	200	380	790	690	420	380	330	350	161
KZS65-50-125/3.0	65	50	118	98	145	125	185	160	4	4	86	45	342	172	338	548	468	330	290	242	250	49
KZS65-50-125/4.0	65	50	118	98	145	125	185	160	4	4	86	45	365	172	338	570	490	330	290	242	250	54
KZS65-50-160/5.5	65	50	118	98	145	125	185	160	4	4	100	50	413	200	380	680	580	370	330	280	300	78
KZS65-50-200/7.5	65	50	118	98	145	125	185	160	4	4	100	50	413	200	380	680	580	370	330	280	300	82
KZS65-50-200/9.2	65	50	118	98	145	125	185	160	4	4	100	50	413	200	380	680	580	370	330	280	300	85
KZS65-50-200/11.0	65	50	118	98	145	125	185	160	4	4	100	50	456	200	380	790	690	420	380	330	350	161
KZS65-50-200/15.0	65	50	118	98	145	125	185	160	4	4	100	50	456	200	380	790	690	420	380	330	350	171
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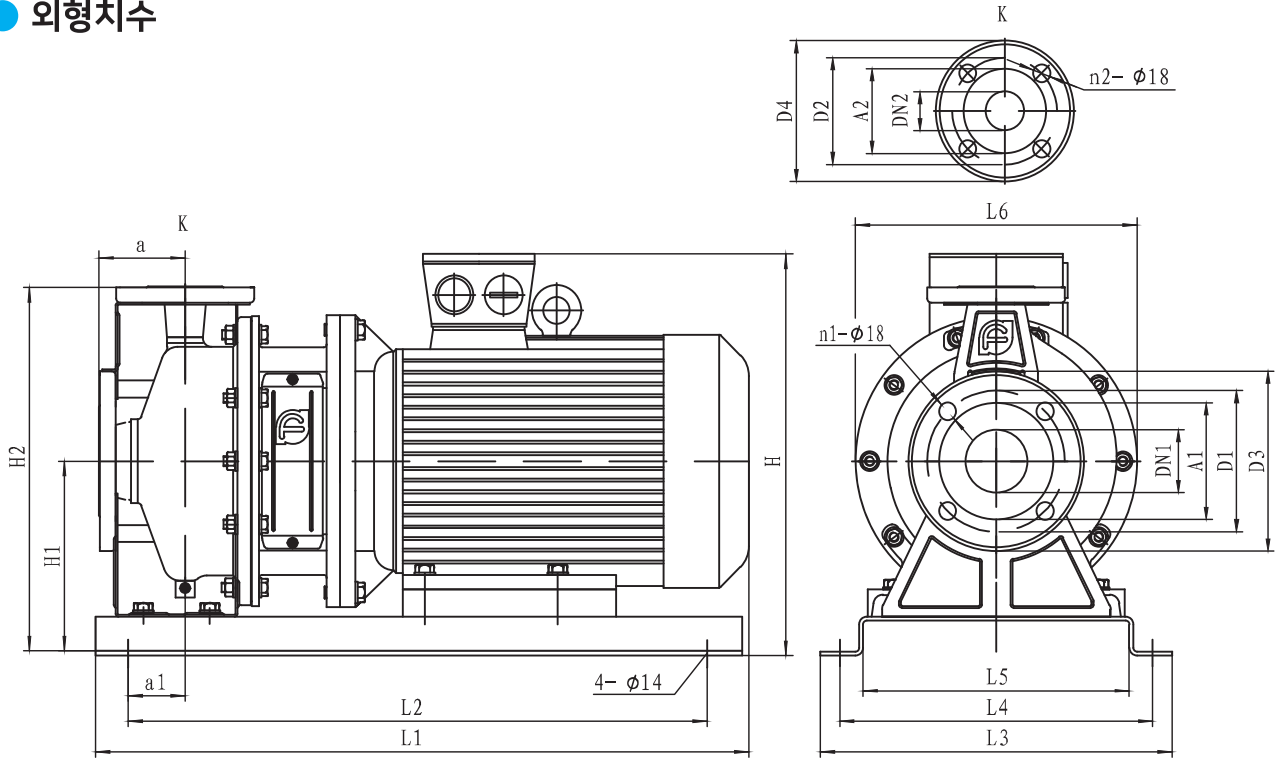
● 사이즈, 중량

50Hz

Model	Size (mm)																				Weight (kg)	
	DN1	DN2	A1	A2	D1	D2	D3	D4	n1	n2	a	a1	H	H1	H2	L1	L2	L3	L4	L5		L6
KZS80-65-125/5.5	80	65	130	118	160	145	200	185	8	4	100	50	413	200	380	690	590	370	330	280	300	79
KZS80-65-125/7.5	80	65	130	118	160	145	200	185	8	4	100	50	413	200	380	690	590	370	330	280	300	83
KZS80-65-125/9.2	80	65	130	118	160	145	200	185	8	4	100	50	413	200	380	690	590	370	330	280	300	87
KZS80-65-160/11.0	80	65	130	118	160	145	200	185	8	4	100	50	456	200	400	790	690	420	380	330	350	163
KZS80-65-160/15.0	80	65	130	118	160	145	200	185	8	4	100	50	456	200	400	790	690	420	380	330	350	173
KZS80-65-200/18.5	80	65	130	118	160	145	200	185	8	4	100	50	476	220	445	830	730	420	380	330	350	190
KZS80-65-200/22.0	80	65	130	118	160	145	200	185	8	4	100	50	500	220	445	880	780	455	415	365	350	220
KZS80-65-200/30.0	80	65	130	118	160	145	200	185	8	4	100	50	550	240	465	950	850	495	455	405	400	292
KZS100-80-160/11.0	100	80	150	130	180	160	220	200	8	8	125	75	476	220	445	830	730	420	380	330	350	163
KZS100-80-160/15.0	100	80	150	130	180	160	220	200	8	8	125	75	476	220	445	830	730	420	380	330	350	173
KZS100-80-160/18.5	100	80	150	130	180	160	220	200	8	8	125	75	476	220	445	870	770	420	380	330	350	185
KZS100-80-200/22.0	100	80	150	130	180	160	220	200	8	8	125	75	500	220	470	915	810	455	415	365	350	223
KZS100-80-200/30.0	100	80	150	130	180	160	220	200	8	8	125	75	550	240	490	985	880	495	455	405	400	295
KZS100-80-200/37.0	100	80	150	130	180	160	220	200	8	8	125	75	550	240	490	985	880	495	455	405	400	315

KZS 횡형 원심 펌프

● 외형치수



● 사이즈, 중량

60Hz

Model	Size (mm)																				Weight (kg)	
	DN1	DN2	A1	A2	D1	D2	D3	D4	n1	n2	a	a1	H	H1	H2	L1	L2	L3	L4	L5		L6
KZS50-32-160/6 1.1	50	32	98	75	125	100	160	139	4	4	80	32	290	152	296	470	370	280	240	192	210	31
KZS50-32-160/6 1.5	50	32	98	75	125	100	160	139	4	4	80	46	307	152	296	500	430	280	240	192	210	37
KZS50-32-160/6 2.2	50	32	98	75	125	100	160	139	4	4	80	46	307	152	296	500	430	280	240	192	210	39
KZS50-32-160/6 3.0	50	32	98	75	125	100	160	139	4	4	80	46	322	152	296	532	460	300	260	212	250	47
KZS50-32-200/6 4.0	50	32	98	75	125	100	160	139	4	4	84	47	393	200	386	560	480	330	290	242	300	58
KZS50-32-200/6 5.5	50	32	98	75	125	100	160	139	4	4	84	50	413	200	386	660	580	370	330	280	300	77
KZS65-40-125/6 1.5	65	40	118	84	145	110	185	145	4	4	80	45	307	152	294	502	430	280	240	192	210	33
KZS65-40-125/6 2.2	65	40	118	84	145	110	185	145	4	4	80	45	307	152	294	502	430	280	240	192	210	35
KZS65-40-125/6 3.0	65	40	118	84	145	110	185	145	4	4	80	45	322	152	294	532	460	300	260	212	250	47
KZS65-40-125/6 4.0	65	40	118	84	145	110	185	145	4	4	80	45	345	152	294	557	480	330	290	242	250	52
KZS65-40-160/6 5.5	65	40	118	84	145	110	185	145	4	4	100	50	413	200	380	680	580	370	330	280	300	78
KZS65-40-160/6 7.5	65	40	118	84	145	110	185	145	4	4	100	50	413	200	380	680	580	370	330	280	300	82
KZS65-40-200/6 11.0	65	40	118	84	145	110	185	145	4	4	100	50	456	200	380	790	690	420	380	330	350	161
KZS65-50-125/6 3.0	65	50	118	98	145	125	185	160	4	4	86	45	342	172	338	548	468	330	290	242	250	49
KZS65-50-125/6 4.0	65	50	118	98	145	125	185	160	4	4	86	45	365	172	338	570	490	330	290	242	250	54
KZS65-50-125/6 5.5	65	50	118	98	145	125	185	160	4	4	86	37	385	172	338	680	580	370	330	280	300	78
KZS65-50-160/6 7.5	65	50	118	98	145	125	185	160	4	4	86	37	385	172	338	680	580	370	330	280	300	82
KZS65-50-160/6 9.2	65	50	118	98	145	125	185	160	4	4	86	37	385	172	338	680	580	370	330	280	300	85
KZS65-50-200/6 11.0	65	50	118	98	145	125	185	160	4	4	100	50	456	200	380	790	690	420	380	330	350	161
KZS65-50-200/6 15.0	65	50	118	98	145	125	185	160	4	4	100	50	456	200	380	790	690	420	380	330	350	171
KZS65-50-200/6 18.5	65	50	118	98	145	125	185	160	4	4	100	50	456	200	380	830	730	420	380	330	350	188

● 사이즈, 중량

60Hz

Model	Size (mm)																				Weight (kg)	
	DN1	DN2	A1	A2	D1	D2	D3	D4	n1	n2	a	a1	H	H1	H2	L1	L2	L3	L4	L5		L6
KZS80-65-125/6 5.5	80	65	130	118	160	145	200	185	8	4	100	50	413	200	380	690	590	370	330	280	300	79
KZS80-65-125/6 7.5	80	65	130	118	160	145	200	185	8	4	100	50	413	200	380	690	590	370	330	280	300	83
KZS80-65-125/6 9.2	80	65	130	118	160	145	200	185	8	4	100	50	413	200	380	690	590	370	330	280	300	87
KZS80-65-160/6 11.0	80	65	130	118	160	145	200	185	8	4	100	50	456	200	400	790	690	420	380	330	350	163
KZS80-65-160/6 15.0	80	65	130	118	160	145	200	185	8	4	100	50	456	200	400	790	690	420	380	330	350	173
KZS80-65-200/6 18.5	80	65	130	118	160	145	200	185	8	4	100	50	476	220	445	830	730	420	380	330	350	190
KZS80-65-200/6 22.0	80	65	130	118	160	145	200	185	8	4	100	50	500	220	445	880	780	455	415	365	350	220
KZS80-65-200/6 30.0	80	65	130	118	160	145	200	185	8	4	100	50	550	240	465	950	850	495	455	405	400	292
KZS100-80-160/6 15.0	100	80	150	130	180	160	220	200	8	8	125	75	476	220	445	830	730	420	380	330	350	173
KZS100-80-160/6 18.5	100	80	150	130	180	160	220	200	8	8	125	75	476	220	445	870	770	420	380	330	350	185
KZS100-80-200/6 22.0	100	80	150	130	180	160	220	200	8	8	125	75	500	220	470	915	810	455	415	365	350	223
KZS100-80-200/6 30.0	100	80	150	130	180	160	220	200	8	8	125	75	550	240	490	985	880	495	455	405	400	295
KZS100-80-200/6 37.0	100	80	150	130	180	160	220	200	8	8	125	75	550	240	490	985	880	495	455	405	400	315