



KOEN

Multistage Centrifugal Pump



Company Profile



저희 회사 제품을 찾아주셔서 감사합니다.

코엔 펌프는 산업현장 전반에 필요한 펌프 공급업체로서 최고의 제품, 고객 만족 및 업계를 선도하는 기술력을 목표로 2001년 설립되어 발전설비 플랜트, 지하수공급, 화학공장, 자동화기계, 소방, 수처리 설비, 등을 국내 및 해외 시장에 공급하고 있습니다.

중국에 다단펌프 제품 생산 시스템을 구축한 이래 성공적인 비즈니스를 진행하고 있으며, 지속적으로 신규 사업 진출 및 신제품 개발이 이루어지고 있습니다.

각종 산업분야 전반에 걸친 기술 혁신과 시장의 요구사항을 반영하기위해서 각종 국내, 해외 인증을 갱신하고 있으며 향후에도, 고객만족을 위한 품질향상을 위해서 노력하겠습니다.

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횡형 원심 펌프

KCDL / KCDLF 60Hz

입형 다단 원심 펌프



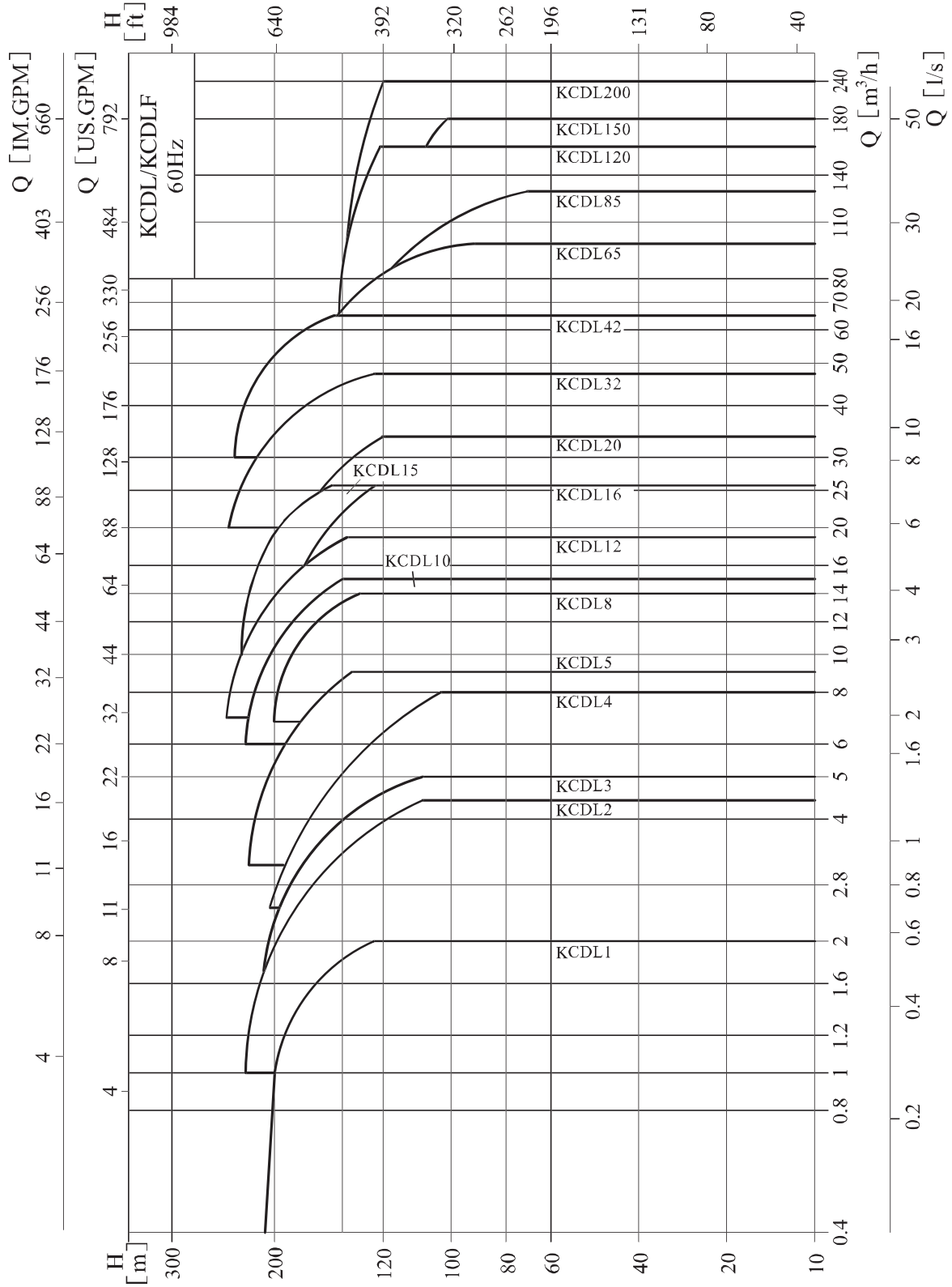
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● 성능범위



● 제품범위

Description	KCDL1	KCDL2	KCDL3	KCDL4	KCDL5	KCDL8	KCDL10	KCDL12	KCDL15	KCDL16	KCDL20	KCDL32	KCDL42	KCDL65	KCDL85	KCDL120	KCDL150	KCDL200
Rate flow[m ³ /h]	1	2	3	4	5	8	10	12	15	16	20	32	42	65	85	120	150	200
Rate flow[l/s]	0.28	0.56	0.83	1.1	1.39	2.2	2.78	3.3	4.2	4.4	5.6	8.9	11.7	18	24	33	41.6	55.6
Flow range[m ³ /h]	0.6-2	1-4.5	1.5-5	2.5-8	3-9	7-14	6-15	7-19	10-26	10-26	12-34	20-48	30-65	40-100	60-130	60-160	80-180	100-240
Flow range[l/s]	0.17-0.56	0.28-1.25	0.42-1.4	0.7-2.2	0.83-2.5	1.9-3.9	1.67-4.17	1.9-5.3	2.8-7.2	2.8-7.2	3.3-9.4	5.5-13.3	8.3-18	11.1-27.7	16.7-36.1	16.7-44.4	22-50	27.8-66.7
MAX.pressure[bar]	22	23.5	23	21	2	20	25	25	20	20	20	25	26	18	15	15	14	15
Motor power[kW]	0.37-3	0.55-4	0.37-4	0.75-5.5	0.55-7.5	0.75-11	0.75-11	1.1-15	1.5-18.5	2.2-18.5	2.2-18.5	3-30	5.5-45	7.5-45	11-45	18.5-75	15-75	30-110

-15~+120

Temp[°C]

MAX.efficiency[%]	44	46	54	57	64	62	68	63	70	66	69	73	75	76	77	74	73	79
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Type

KCDL	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
KCDLF	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

KCDL Pipelines

DIN Flangr	DN25	DN25	DN25	DN32	DN32	DN40	DN40	DN50	DN50	DN50	DN50	DN65	DN80	DN100	DN100	DN125	DN125	DN150
Oval Flange	G1	G1	G1	G1¼	G1¼	G1½	G1½											

KCDLF Pipelines

DIN Flangr	DN25	DN25	DN25	DN32	DN32	DN40	DN40	DN50	DN50	DN50	DN50	DN65	DN80	DN100	DN100	DN125	DN125	DN150
Cutting ferrule joint	DN32	DN32	DN32	DN32	DN32	DN50	DN50	DN50	DN50	DN50	DN50							
Pipe thread	ZG1¼	ZG1¼	ZG1¼	ZG1¼	ZG1¼	ZG2	ZG2	ZG2	ZG2	ZG2	ZG2							
Oval Flange	G1	G1	G1	G1¼	G1¼	G1½	G1½											

● 펌프

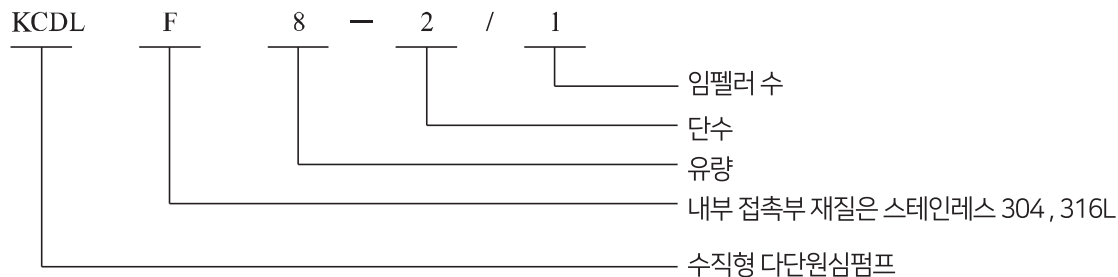
KDCL / KCDLF는 전기모터로 구동되는 비 자흡식 다단 원심형 펌프입니다. 모터 출력축은 커플링을 통해 펌프 샤프트와 연결됩니다. 내압실린더와 유로구성요소는 펌프헤드와 흡입 토출부에 고정볼트로 고정되어 있습니다. 흡입과 토출구는 펌프하단부에 위치하고 있습니다. 이와 같은 펌프는 공회전과 위상차, 과부하로부터 보호하기 위하여 지능형 보호장치를 장착하고 있습니다.

● 모터

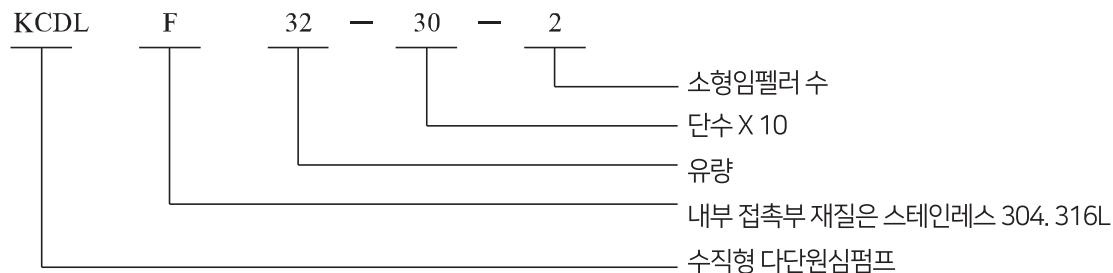
- 전폐형 에어브러쉬 2극 표준모터
- 보호등급 : IP55
- 절연등급 : F
- 표준전압 : 60HZ : 3 X 200-230 / 346-400V
3 X 220-255 / 380-440V
3 X 220-277 / 380-480V

● 모델의 정의

KCDL/ KCDLF1,2,3,4,5,8,10,15,12,16and20



KCDL/ KCDLF32,42,65,85,120,150 and 200



● 적용

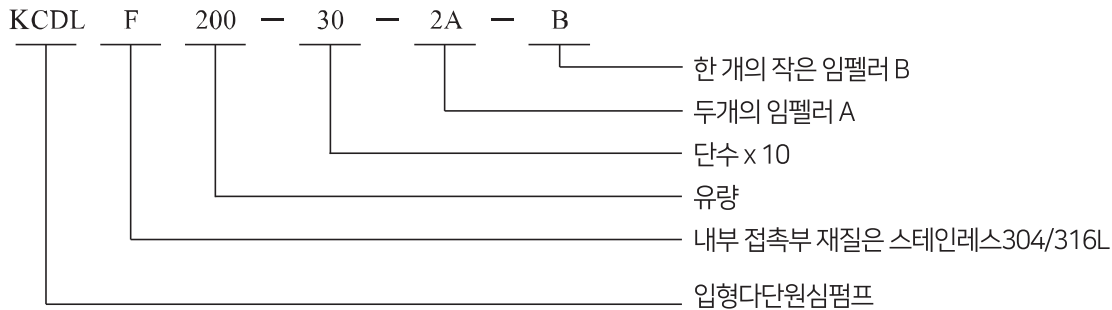
KCDL / KCDLF는 일종의 다기능 제품입니다. 수돗물에서 산업용 액체 및 온도와 유량 및 압력이 다른 다양한 매체를 운반하는 데 사용할 수 있습니다. KCDL 타입은 부식성이없는 액체 변환에 적용 가능 KCDLF는 약간 부식성 액체에 적합합니다.

- 물 공급 : 급수 필터 및 상수도 운송
- 주요 고층 건물의 부스팅, 고층 빌딩 부스팅
- 산업 부스팅 : 공정 흐름 수 시스템, 세척 시스템, 고압 세척 시스템, 소방 시스템
- 산업용 액체 전달 : 냉각 및 냉방 시스템, 보일러 급수 및 응축 시스템, 기계 관련 목적, 산 및 알칼리
- 물 처리 : 한외 여과 시스템, 역삼투압 시스템, 증류 시스템, 분리기, 수영장
- 관개 : 농지 관개, 스프레이 관개, 점적 관개

● 사용조건

- 얇고 깨끗하며 불연성 및 비 폭발성 액체 고체 과립 및 파이버를 함유하지 않는 것
- 액체 온도 :
정상 온도 유형 : -15°C ~ +70°C
온수 타입 : -15°C ~ +120°C
- 주위 온도 : 최대 +40°C
- 최고 양정 : 1,000m

KCDL/ KCDLF200



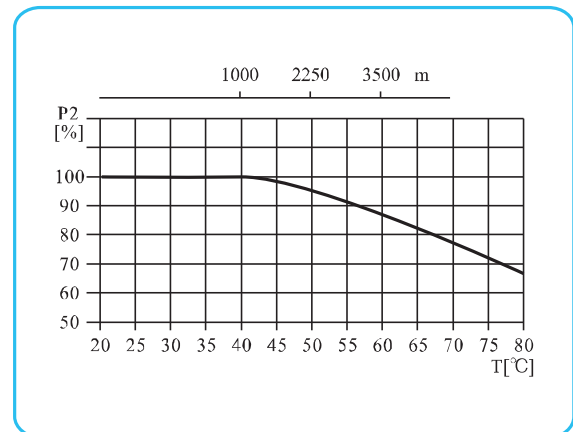
● 최대 작동 압력

모델	최대 압력(BAR)
KCDL1,2,3,4,5 Flange	25
KCDL(F)1,2,3,4,5 Over Flange	16
KCDLF1,2,3,4,5 Flange, cutting ferrule joint, pipe thread	25
KCDL8,10,12,15,16,20 Flange	25
KCDL(F)8 Oval Flange	16
KCDLF8,10,12,15,16,20 Flange, cutting ferrule joint, pipe thread	25
KCDL32	
32-10-1 ~ 32-60-2	16(30)
32-60 ~ 32-100-2	30
KCDLF32	
KCDL42	
42-10-1 ~ 42-40-2	16(30)
42-40 ~ 42-60	25(30)
42-70-2 ~ 42-70	30
KCDLF42	
42-10-1 ~ 42-60	25(30)
42-70-2 ~ 42-70	30
KCDL65	
65-10-1 ~ 65-30	16(25)
65-40-2 ~ 65-50-2	25
KCDL85	
85-10-1 ~ 85-30-2	16(25)
85-30-1 ~ 85-40-2	25
KCDLF65,85	
KCDL,CDLF120,150,200	
20	

Pumps with pressure inside brackets need to specify especially.

● 외부 최대 온도

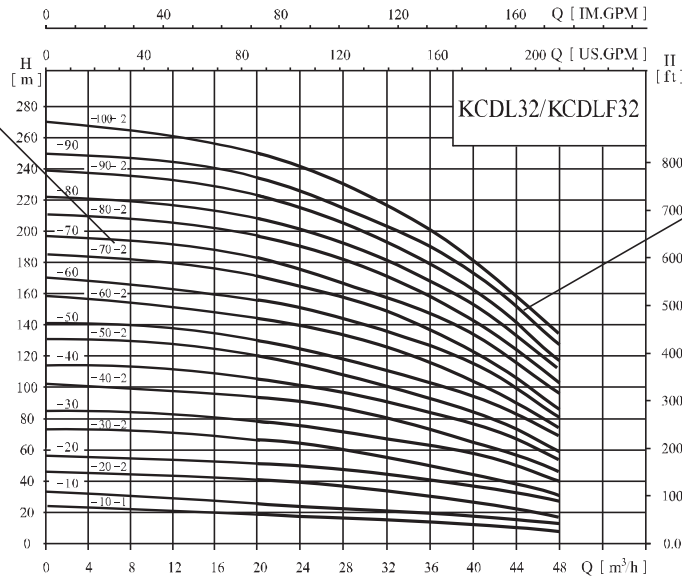
펌프가 40 도 보다 높은 주변 온도 또는 1000m보다 높은 고도에서 작동 할 때, 낮은 공기 밀도와 열악한 냉각 효과로 인해 펌프 출력이 위의 상기 조건에는 더 높은 전력의 모터가 장착되어야한다.



● 곡선 도해

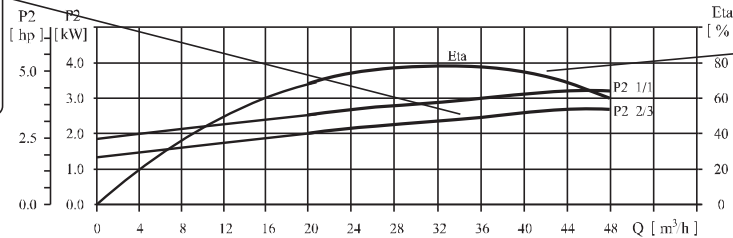
곡선 그림. 단계

첫 번째 숫자 스테이지: x 10
두 번째 숫자: 작은 임펠러 수
펌프

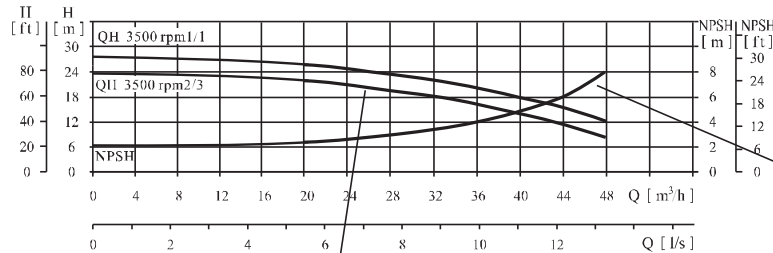


Q-H 곡선, 굵은 선은 권장
수행 영역을 나타냅니다.

전력 곡선은 각 단계의
입력 전력을 나타내며, 이는
정수형 임펠러 유형 (1/1)과
작은 임펠러 유형 (2/3)으로
나뉩니다.



Eta 곡선은 펌프의 효율을
나타냅니다. 소형 임펠러가
장착된 펌프의 경우
곡선에 표시된 것보다
효율이 2% 낮습니다.



NPSH 곡선은 이 계열의
모든 곡선의 평균값을
나타냅니다.
선택을 할 때 0.5M의
안전율을 고려해야 합니다.

각 단계의 Q-H 곡선으로, 임펠러 유형 (1/1)과
작은 임펠러 (2/3)와 동등한 유형을 나타냅니다.

● 성능 곡선

다음과 같이 성능 곡선에 대해 다음과 같은 조건을 충족시킬 수 있습니다.

1. 모든 곡선은 60hz의 측정 값을 기준으로 합니다. 일정한 모터 속도 3500 rpm 또는 3540rpm
2. ISO9906 Annex A에 따른 곡선 공차

3. 공기없는 물 20도, 동점도 1mm²/sec로 측정이 완료됩니다.
4. 펌프 작동은 유량이 너무 작은 경우 과열이 발생하거나 유량이 너무 큰 경우 모터 과부하가 발생하지 않도록 두꺼운 곡선으로 표시된 성능 영역을 참조해야 합니다.

● 최소 흡입 압력 NPSH

펌프의 압력이 액체를 전달하는 데 사용된 증기 압력보다 낮은 경우 캐비테이션이 발생합니다. 캐비테이션을 피하기 위해 펌프 흡입구의 최소 압력은 다음과 같은 포물라를 사용하여 최대 흡입 행정을 계산할 수 있어야 합니다.

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

$$P_b = \text{대기압 (bar) (1 bar로 설정 가능)}$$

폐쇄 시스템에서 P_b 는 시스템 압력을 의미합니다. (bar)

$$NPSH = \text{유효흡입 헤드 (m)}$$

(NPSH 곡선에 표시된 최대 유속 지점에서 읽을 수 있음)

(NPSH 곡선에 표시된 가능한 최대 유량 지점에서 읽을 수 있음)

$$H_f = \text{입구에서의 파이프 라인 손실 (m)}$$

$$H_v = \text{증기압 (m)}$$

$$H_s = \text{안전율} = \text{최소 } 0.5\text{m 이송헤드}$$

계산 결과 H 가 양수이면 펌프가 최대 값에서 작동 할 수 있습니다.

흡입 행정 H .

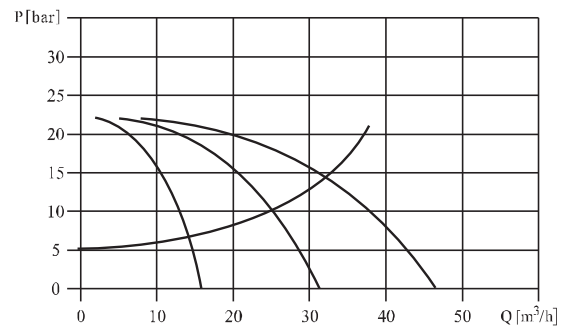
계산 된 결과 H 가 음수 인 경우 분의 배송 헤드. 흡입구 압력이

필요합니다.

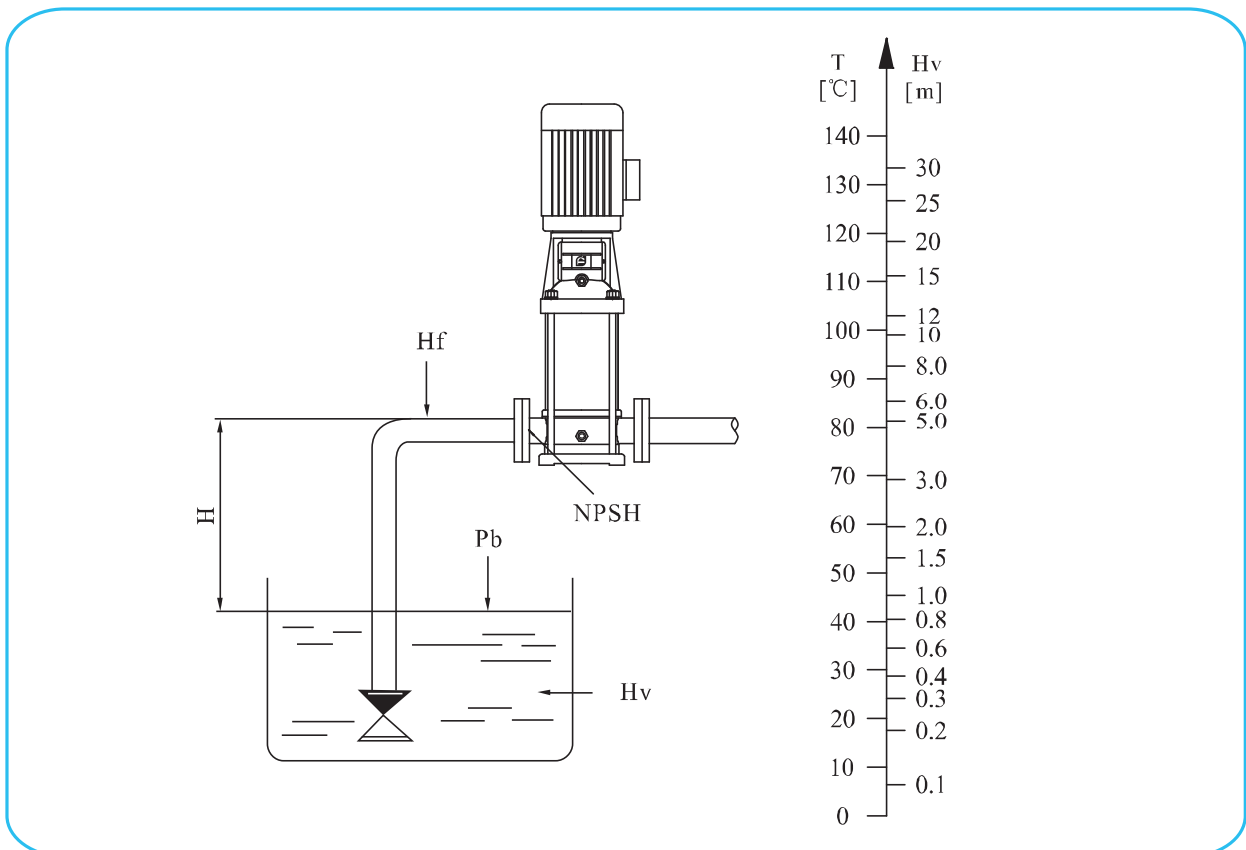
● 병렬 작업

여러 펌프를 병렬 구동으로 연결하면 단일 대형 펌프를 구동하는 것보다 훨씬 더 많은 장점이 있습니다.

- 가변 유량 시스템에서 필요한 다른 작업 상태에 적용 가능
- 펌프 고장시 급수 가능성 향상. 펌프 고장시 시스템 흐름의 일부만 영향을 받기 때문입니다.

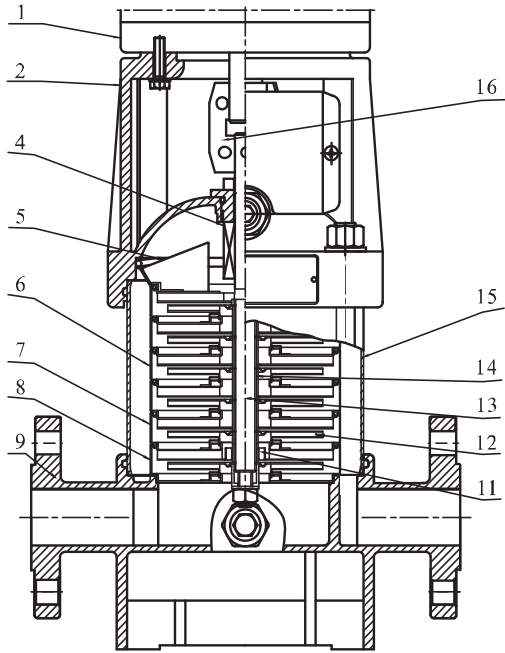


필요한 경우 두 개 이상의 펌프를 병렬로 연결할 수 있습니다.

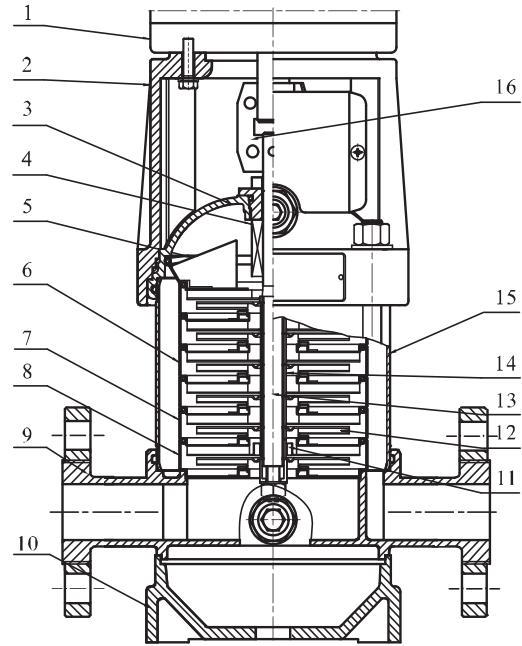


펌프가 캐비테이션 상태에 있지 않은지 확인하고 확인하십시오

● Section drawing KCDL/KCDLF1,2,3,4,5



KCDL



KCDLF

● 재질 KCDL/KCDLF1,2,3,4,5

NO.	Name	Material	AISI/ASTM
1	Motor		
2	Pump head	Cast iron	ASTM25B
4	Mechanical seal		
5	Top diffuser	Stainless steel	AISI304
6	Diffuser	Stainless steel	AISI304
7	Support diffuser	Stainless steel	AISI304
8	Inducer	Stainless steel	AISI304
11	Bearing	Tungsten carbide	
12	Impeller	Stainless steel	AISI304
13	Shaft	Stainless steel	AISI304 AISI316L

NO.	Name	Material	AISI/ASTM
14	Impeller sleeve	Stainless steel	AISI304
15	Cylinder	Stainless steel	AISI304
16	Coupling	Carbon steel	

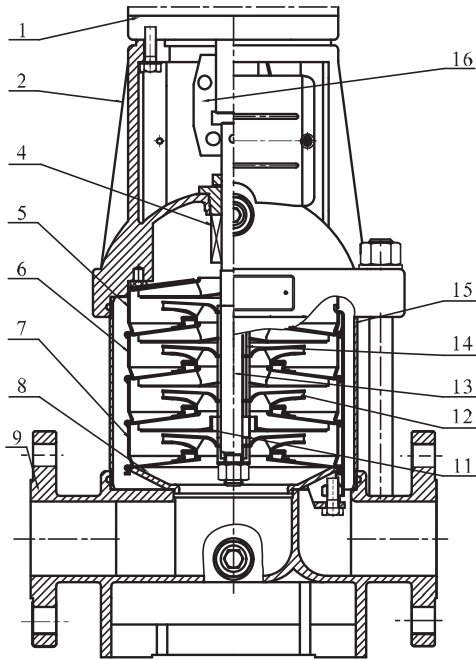
KCDLF

3	Seal base	Stainless steel	AISI304
9	Inlet and outlet chamber	Stainless steel	AISI304
10	Base plate	Cast iron	ASTM25B

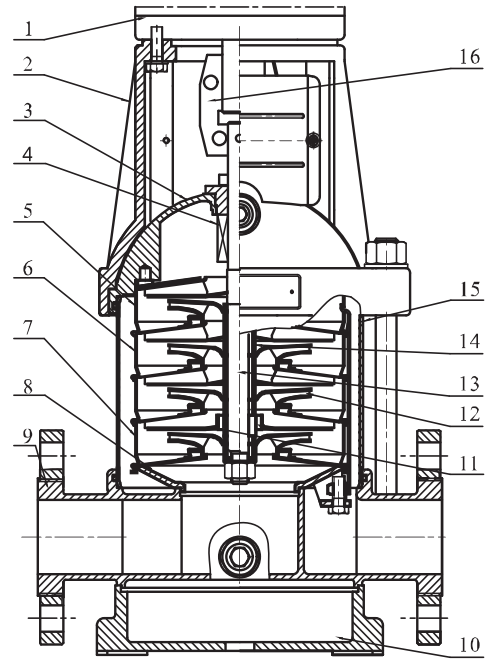
KCDL

9	Inlet and outlet chamber	Cast iron	ASTM25B
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● Section drawing KCDL/KCDLF8,10,12,15,16,20



KCDL



KCDLF

● 재질 KCDL/KCDLF8,10,12,15,16,20

NO.	Name	Material	AISI/ASTM
1	Motor		
2	Pump head	Cast iron	ASTM25B
4	Mechanical seal		
5	Top diffuser	Stainless steel	AISI304
6	Diffuser	Stainless steel	AISI304
7	Support diffuser	Stainless steel	AISI304
8	Inducer	Stainless steel	AISI304
11	Bearing	Tungsten carbide	
12	Impeller	Stainless steel	AISI304
13	Shaft	Stainless steel	AISI304 AISI316L

NO.	Name	Material	AISI/ASTM
14	Impeller sleeve	Stainless steel	AISI304
15	Cylinder	Stainless steel	AISI304
16	Coupling	Carbon steel	

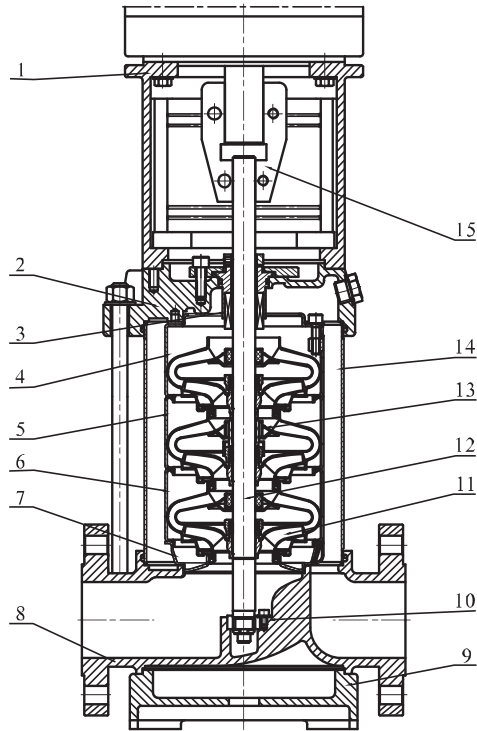
KCDLF

3	Seal base	Stainless steel	AISI304
9	Inlet and outlet chamber	Stainless steel	AISI304
10	Base plate	Cast iron	ASTM25B

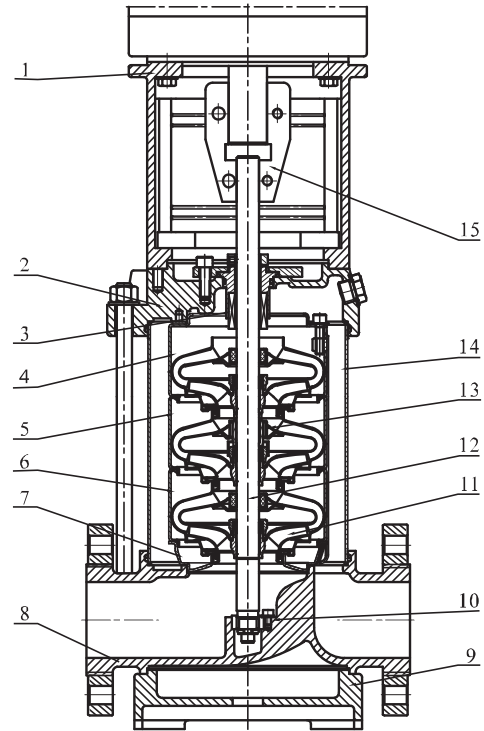
KCDL

9	Inlet and outlet chamber	Cast iron	ASTM25B
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● Section drawing KCDL/KCDLF32,42,65,85



KCDL



KCDLF

● 재질 KCDL/KCDLF32,42,65,85

NO.	Name	Material	AISI/ASTM
1	Bracket	Cast iron	ASTM25B
3	Mechanical seal		
4	Top diffuser	Stainless steel	AISI304
5	Support diffuser	Stainless steel	AISI304
6	Diffuser	Stainless steel	AISI304
7	Inducer	Stainless steel	AISI304
9	Base plate	Cast iron	ASTM25B
10	Bottom bearing	Tungsten carbide	
11	Impeller	Stainless steel	AISI304

NO.	Name	Material	AISI/ASTM
12	Shaft	Stainless steel	AISI316L AISI304 AISI431
13	Intermediate bearing	Tungsten carbide	
14	Cylinder	Stainless steel	AISI304
15	Coupling	Carbon steel	
	Rubber parts	NBR	

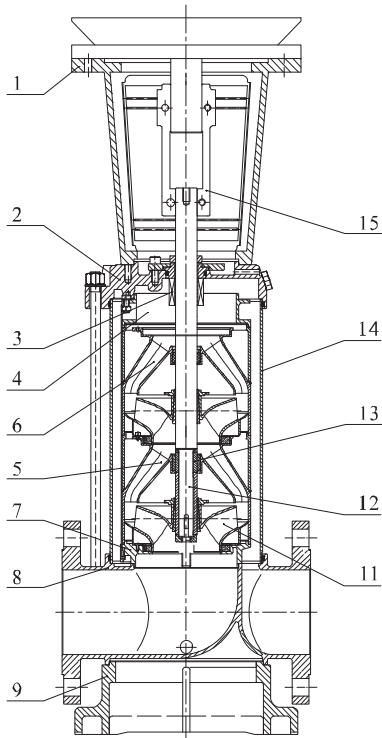
KCDL

2	Pump head	Cast iron	ASTM25B
8	Inlet and outlet chamber	Cast iron	ASTM25B

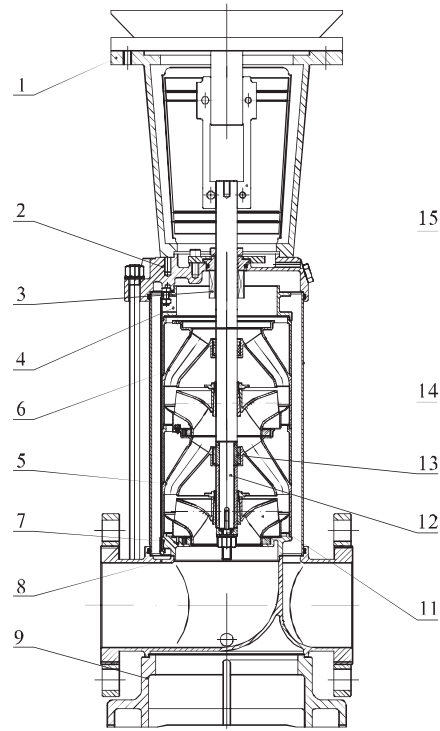
KCDLF

2	Pump head	Stainless steel	AISI304
8	Inlet and outlet chamber	Stainless steel	AISI304

● Section drawing KCDL/KCDLF120,150,200



KCDL



KCDLF

● 재질 KCDL/KCDLF120,150,200

NO.	Name	Material	AISI/ASTM
1	Bracket	Cast iron	ASTM25B
3	Mechanical seal		
4	Discharge	Stainless steel	AISI304
5	Support diffuser	Stainless steel	AISI304
6	Diffuser	Stainless steel	AISI304
7	Inducer	Stainless steel	AISI304
9	Base plate	Cast iron	ASTM 80-55-06
11	Impeller	Stainless steel	AISI304
12	Shaft	Stainless steel	AISI304

NO.	Name	Material	AISI/ASTM
13	Bearing	Tungsten carbide	
14	Cylinder	Stainless steel	AISI304
15	Coupling	Carbon steel	
	Rubber parts	NBR	

KCDL

2	Pump head	Cast iron	ASTM 80-55-06
8	Inlet and outlet chamber	Cast iron	ASTM 80-55-06

KCDLF

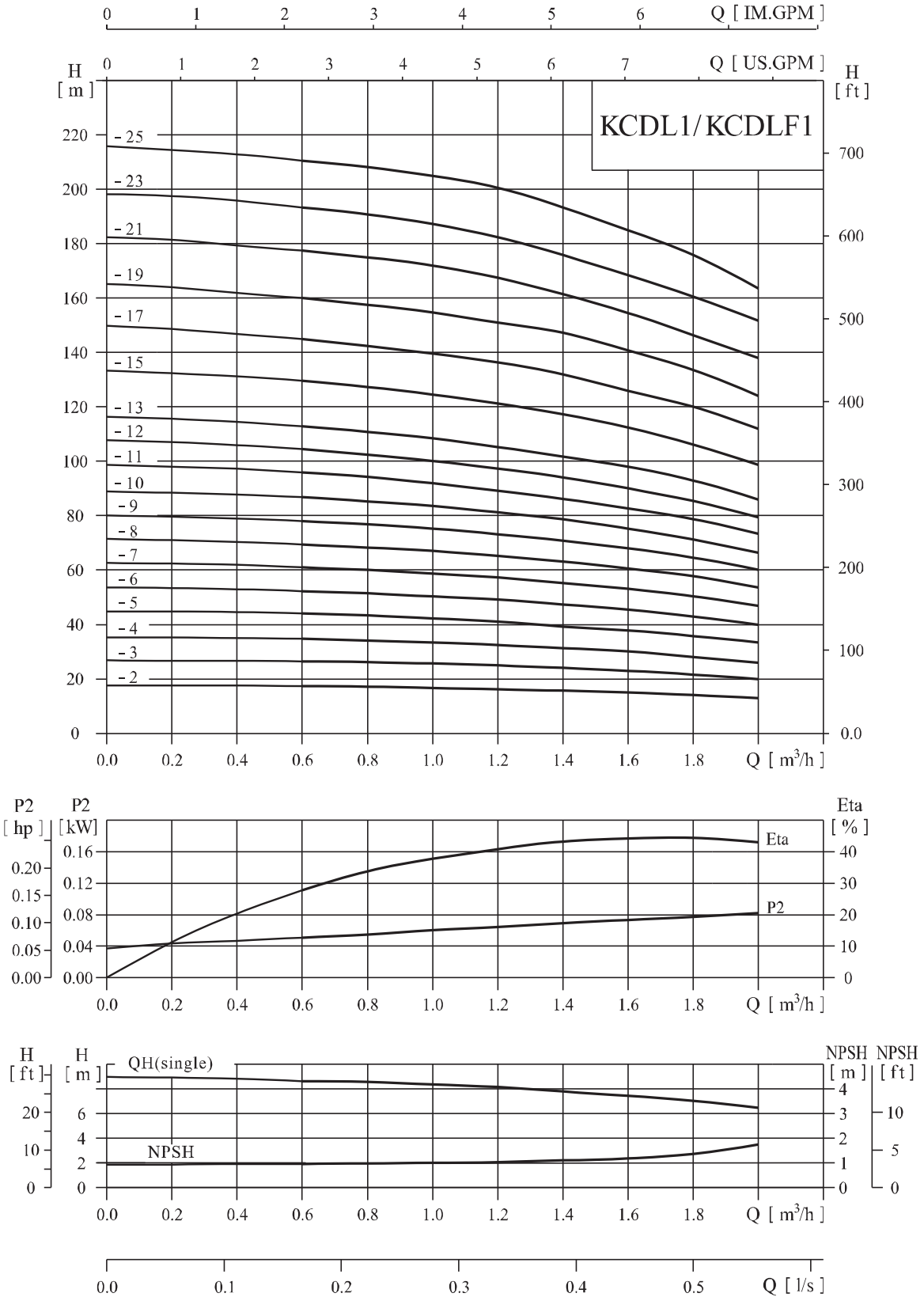
2	Pump head	Stainless steel	AISI304
8	Inlet and outlet chamber	Stainless steel	AISI304

KCDL/KCDLF1, 60Hz

입형 다단 원심 펌프

● 성능 곡선

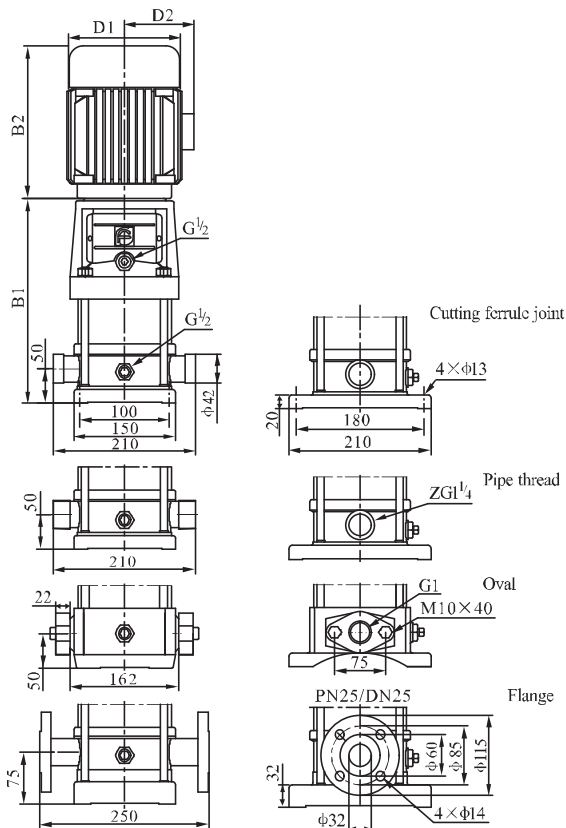
ISO9906 Annex A 3500rpm



● 성능표

Model	Driving motor		Q (m ³ /h)	0.6	0.8	1	1.2	1.4	1.6	1.8	2
	(kW)	(hp)									
KCDL1-2	0.37	0.5	H (m)	17.5	17	16.5	16	15.5	15	14	13
KCDL1-3	0.37	0.5		26.5	26	25	24	23	22	21	20
KCDL1-4	0.37	0.5		35	34	33	32	31	30	28	26
KCDL1-5	0.55	0.75		43	42	41	40	39	38	35	33
KCDL1-6	0.55	0.75		52	51	50	48	47	45	43	39
KCDL1-7	0.75	1		60	59	58	56	55	52	50	46
KCDL1-8	0.75	1		68	67	65	64	62	59	57	53
KCDL1-9	0.75	1		76	75	74	73	71	66	64	60
KCDL1-10	1.1	1.5		85	84	83	81	78	74	72	67
KCDL1-11	1.1	1.5		95	93	90	87	85	81	78	73
KCDL1-12	1.1	1.5		103	102	98	96	92	88	86	79
KCDL1-13	1.1	1.5		112	110	107	105	100	95	93	86
KCDL1-15	1.5	2		127	125	123	121	117	112	107	99
KCDL1-17	1.5	2		144	141	139	137	132	124	120	112
KCDL1-19	2.2	3		160	157	155	153	147	141	134	124
KCDL1-21	2.2	3		177	174	172	168	162	153	147	138
KCDL1-23	2.2	3		193	190	188	184	174	167	161	152
KCDL1-25	3	4		210	207	205	202	192	184	176	164

● 외형 치수



KCDL1-19 ~ 1-25 파이프 라인의 하위 연결에는 타원형 플랜지 연결이 없습니다.
단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

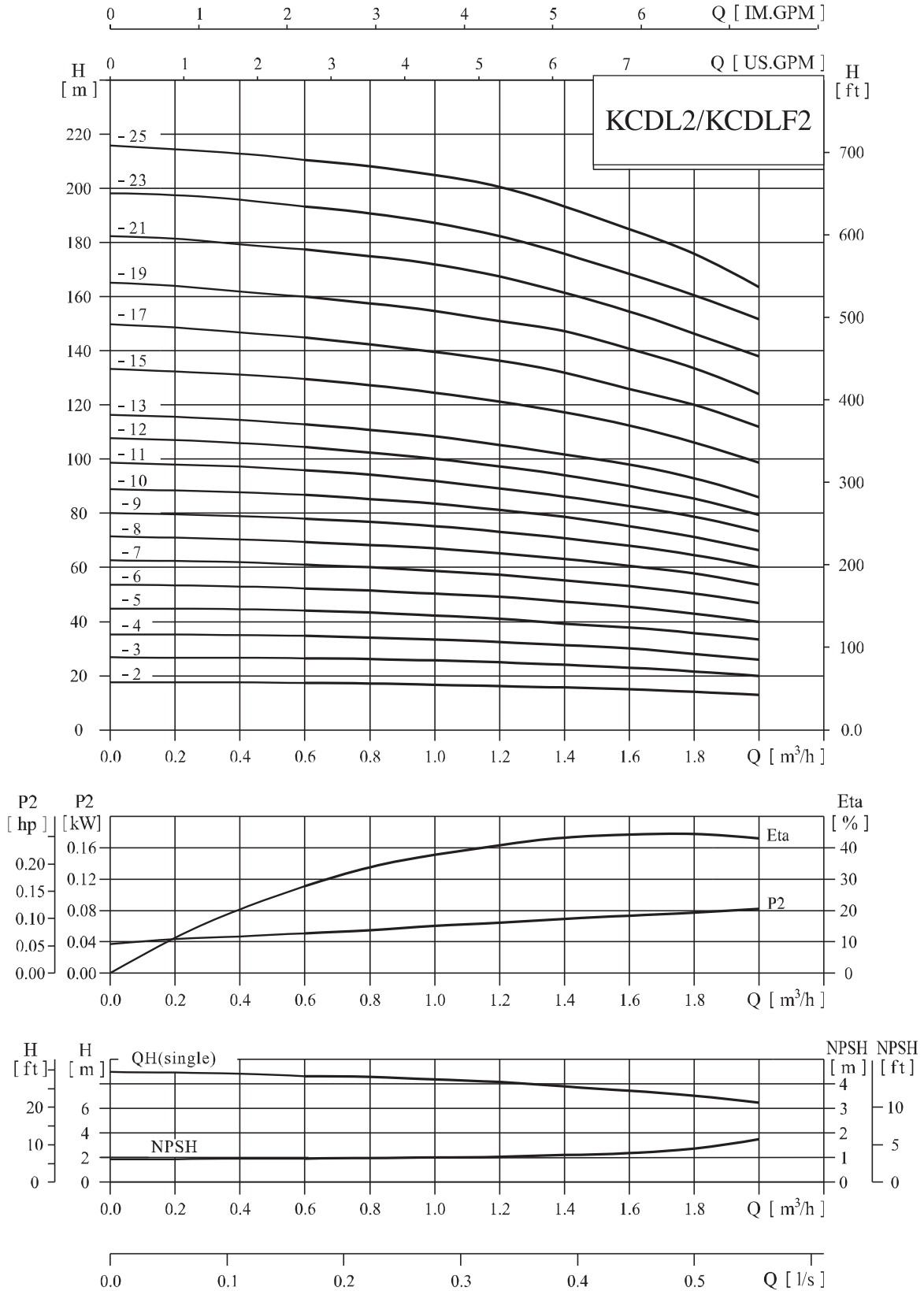
Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
KCDL1-2	258	225	483	148	117	20
KCDL1-3	276	225	501	148	117	20
KCDL1-4	294	225	519	148	117	21
KCDL1-5	312	225	537	148	117	22
KCDL1-6	330	225	555	148	117	23
KCDL1-7	358	245	603	170	142	26
KCDL1-8	376	245	621	170	142	27
KCDL1-9	394	245	639	170	142	28
KCDL1-10	412	245	657	170	142	29
KCDL1-11	430	245	675	170	142	29
KCDL1-12	448	245	693	170	142	30
KCDL1-13	466	245	711	170	142	31
KCDL1-15	512	290	802	190	155	37
KCDL1-17	548	290	838	190	155	38
KCDL1-19	584	290	874	190	155	41
KCDL1-21	620	290	910	190	155	42
KCDL1-23	656	290	946	190	155	43
KCDL1-25	702	345	1047	197	165	51

KCDL/KCDLF2, 60Hz

입형 다단 원심 펌프

● 성능 곡선

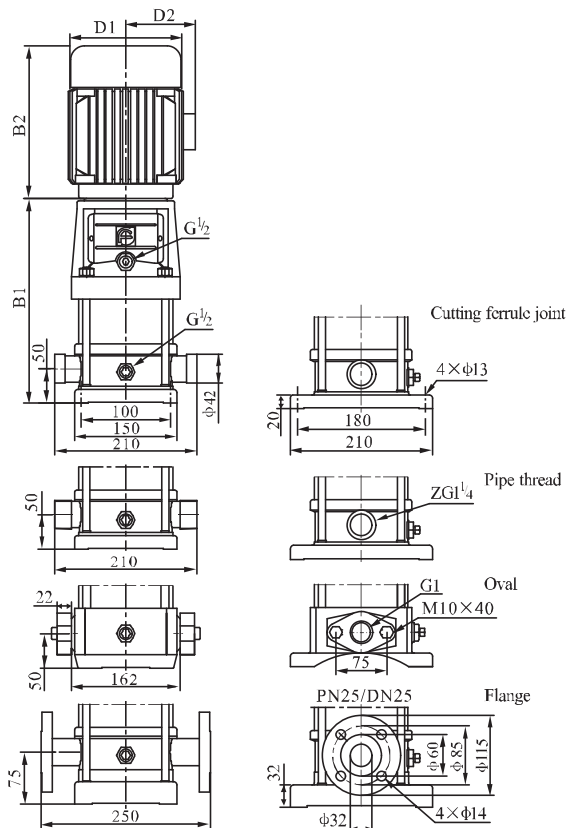
ISO9906 Annex A 3500rpm



● 성능표

Model	Driving motor		Q (m ³ /h)	1	1.5	2	2.5	3	3.5	4	4.5
	(kW)	(hp)									
KCDL2-2	0.55	0.75	H (m)	26	24	22	21	18	16	12	9
KCDL2-3	0.75	1		39	36	33	31	27	24	19	15
KCDL2-4	1.1	1.5		52	48	45	42	36	32	26	20
KCDL2-5	1.1	1.5		65	60	57	52	46	41	32	25
KCDL2-6	1.1	1.5		78	74	69	63	56	49	40	30
KCDL2-7	1.5	2		91	86	81	74	66	57	47	35
KCDL2-9	2.2	3		117	111	104	95	86	75	61	45
KCDL2-11	2.2	3		143	136	128	116	104	90	75	56
KCDL2-13	3	4		171	163	152	139	126	108	90	66
KCDL2-15	3	4		195	186	176	160	142	125	103	77
KCDL2-18	4	5.5		234	228	212	195	171	151	126	94

● 외형 치수



KCDL2-13 ~ 2-18 파이프 라인의 하위 연결에는 타원형 플랜지 연결이 없습니다.
단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

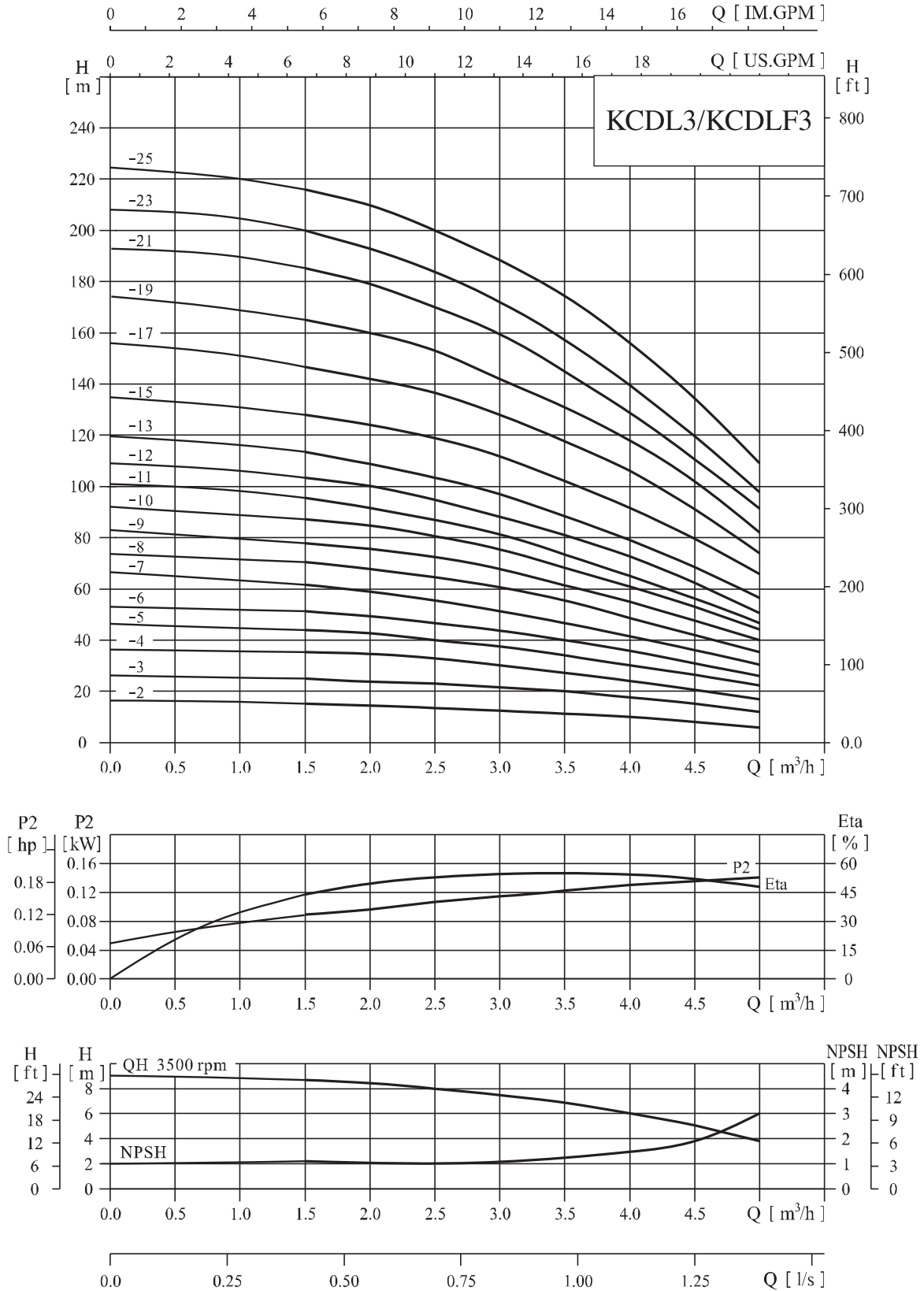
Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
KCDL2-2	258	225	483	148	117	21
KCDL2-3	286	245	531	170	142	24
KCDL2-4	304	245	549	170	142	25
KCDL2-5	322	245	567	170	142	26
KCDL2-6	340	245	585	170	142	26
KCDL2-7	368	290	658	190	155	32
KCDL2-9	404	290	694	190	155	36
KCDL2-11	440	290	730	190	155	37
KCDL2-13	486	345	831	197	165	44
KCDL2-15	522	345	867	197	165	45
KCDL2-18	576	355	931	230	188	54

KCDL/KCDLF3, 60Hz

입형 다단 원심 펌프

● 성능 곡선

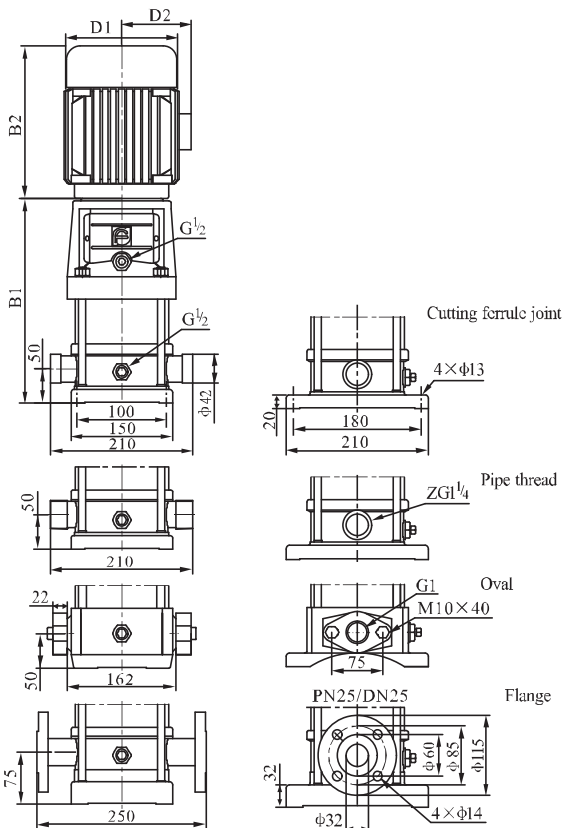
ISO9906 Annex A 3500rpm



● 성능표

Model	Driving motor		Q (m ³ /h)	1.5	2	2.5	3	3.5	4	4.5	5
	(kW)	(hp)									
KCDL3-2	0.37	0.5	H (m)	17.5	16	15	14	13	11	9	8
KCDL3-3	0.55	0.75		26.5	25	24	23	20	18	15	12
KCDL3-4	0.55	0.75		35	34	32	30	27	25	20	17
KCDL3-5	0.75	1		44	42	40	38	33	31	26	23
KCDL3-6	1.1	1.5		51	50	48	45	40	37	32	27
KCDL3-7	1.1	1.5		61	59	56	52	46	43	38	31
KCDL3-8	1.1	1.5		70	67	64	61	53	49	44	35
KCDL3-9	1.5	2		78	77	72	68	60	56	50	40
KCDL3-10	1.5	2		87	84	81	76	68	63	55	44
KCDL3-11	1.5	2		96	92	87	82	74	69	59	48
KCDL3-12	2.2	3		104	100	96	90	79	73	63	52
KCDL3-13	2.2	3		112	109	104	98	86	80	69	57
KCDL3-15	2.2	3		129	126	120	112	99	93	81	65
KCDL3-17	2.2	3		147	143	137	128	114	106	91	74
KCDL3-19	3	4		165	160	153	142	126	118	102	82
KCDL3-21	3	4		183	178	170	160	141	129	112	91
KCDL3-23	3	4		200	194	185	174	154	142	122	98
KCDL3-25	4	5.5		217	211	202	187	167	154	134	108

● 외형 치수



KCDL3-17 ~ 3-25 파이프 라인의 하위 연결에는 타원형 플랜지 연결이 없습니다.
단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

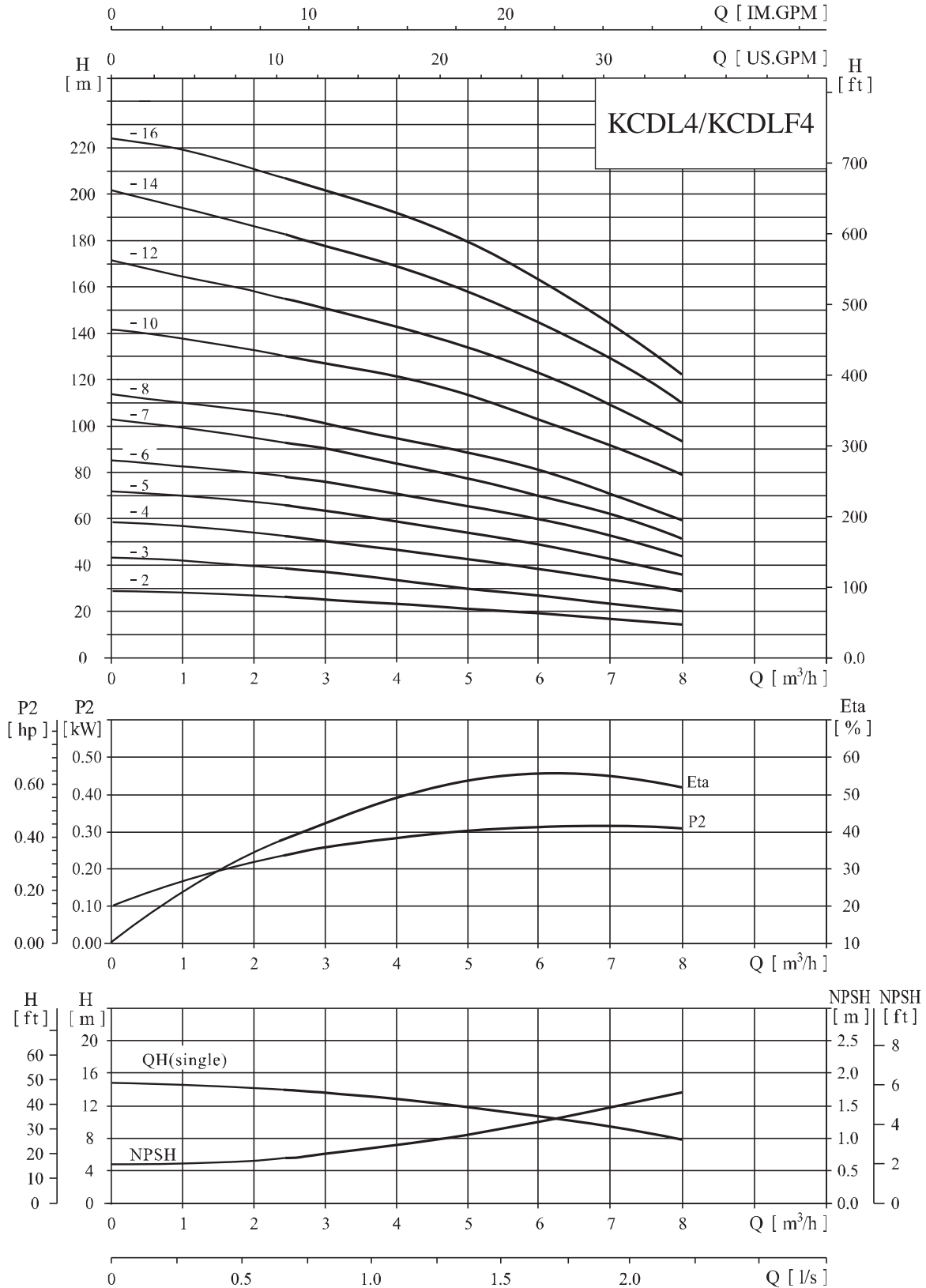
Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
KCDL3-2	258	225	483	148	117	20
KCDL3-3	276	225	501	148	117	21
KCDL3-4	294	225	519	148	117	22
KCDL3-5	322	245	567	170	142	25
KCDL3-6	340	245	585	170	142	26
KCDL3-7	358	245	603	170	142	27
KCDL3-8	376	245	621	170	142	27
KCDL3-9	404	290	694	190	155	33
KCDL3-10	422	290	712	190	155	34
KCDL3-11	440	290	730	190	155	34
KCDL3-12	458	290	748	190	155	37
KCDL3-13	476	290	766	190	155	38
KCDL3-15	512	290	802	190	155	39
KCDL3-17	548	290	838	190	155	40
KCDL3-19	594	345	939	197	165	48
KCDL3-21	630	345	975	197	165	49
KCDL3-23	666	345	1011	197	165	50
KCDL3-25	702	355	1057	230	188	58

KCDL/KCDLF4, 60Hz

입형 다단 원심 펌프

● 성능 곡선

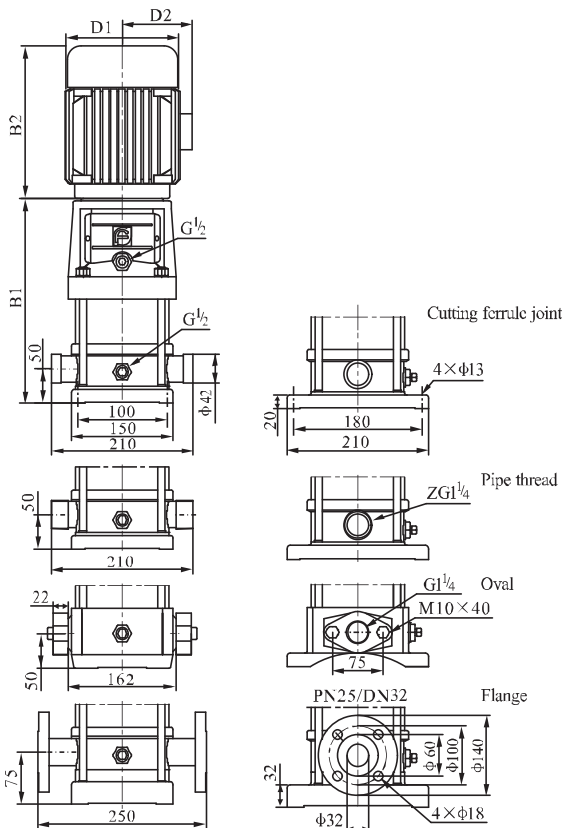
ISO9906 Annex A 3500rpm



● 성능표

Model	Driving motor		Q (m ³ /h)	2.5	3	4	5	6	7	8
	(kW)	(hp)								
KCDL4-2	0.75	1	H (m)	26	25	23	21	19	16	14
KCDL4-3	1.1	1.5		39	38	36	32	28	24	21
KCDL4-4	1.5	2		52	50	48	44	38	35	31
KCDL4-5	2.2	3		65	62	60	55	49	44	39
KCDL4-6	2.2	3		78	75	72	67	59	54	47
KCDL4-7	3	4		92	88	84	78	69	62	55
KCDL4-8	3	4		104	100	95	90	79	72	63
KCDL4-10	4	5.5		130	125	120	113	102	90	80
KCDL4-12	4	5.5		156	150	145	136	122	109	96
KCDL4-14	5.5	7.5		182	176	170	159	145	129	112
KCDL4-16	5.5	7.5		207	201	196	183	165	146	128

● 외형 치수



KCDL4-12 ~ 4-16 파이프 라인의 하위 연결에는 타원형 플랜지 연결이 없습니다.
단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

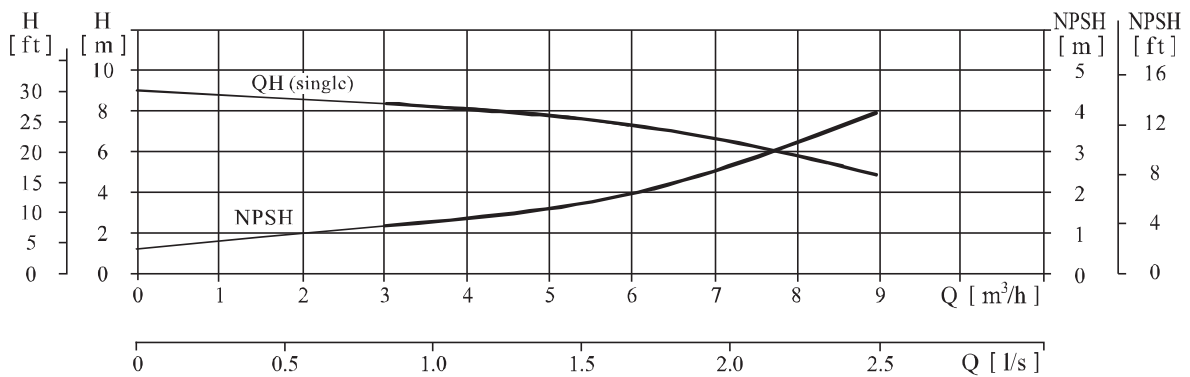
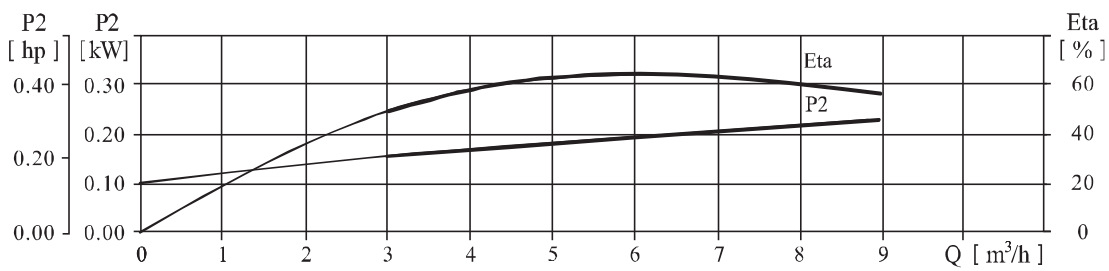
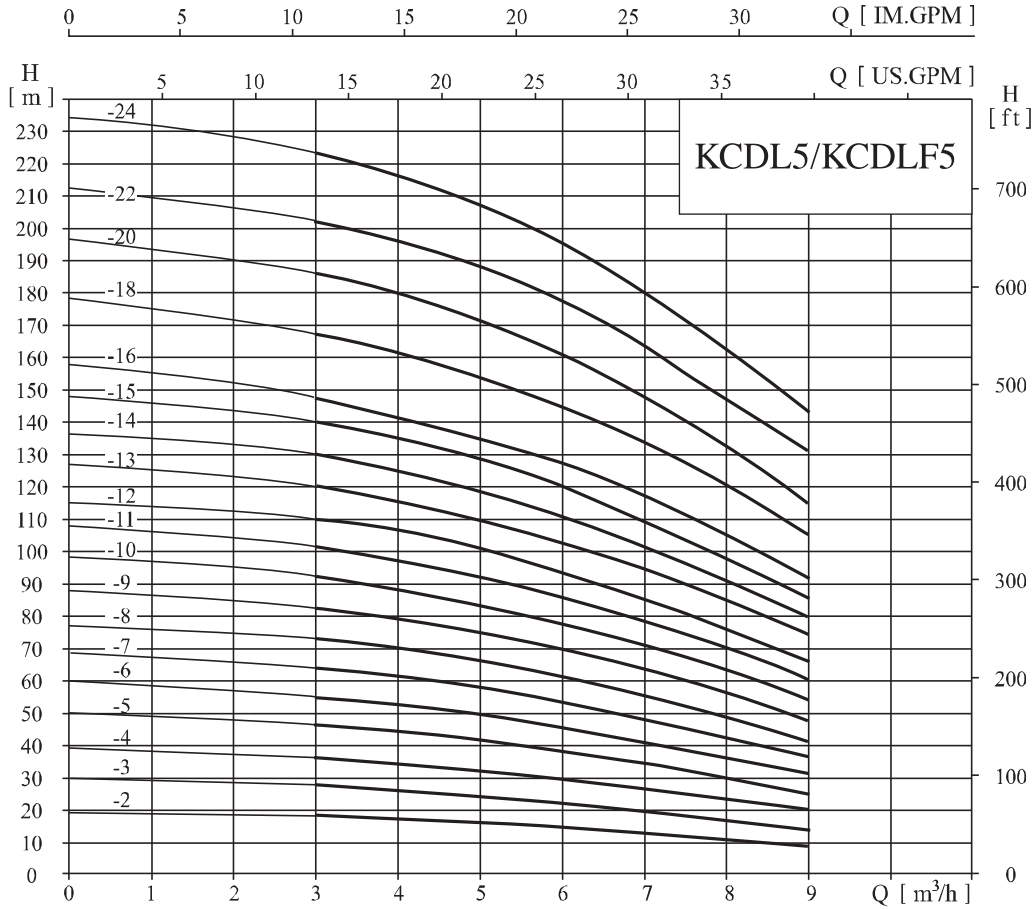
Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
KCDL4-2	286	245	531	170	142	24
KCDL4-3	313	245	558	170	142	25
KCDL4-4	350	290	640	190	155	31
KCDL4-5	376	290	667	190	155	34
KCDL4-6	404	290	694	190	155	35
KCDL4-7	441	345	786	197	165	42
KCDL4-8	468	345	813	197	165	42
KCDL4-10	522	355	877	230	188	51
KCDL4-12	576	355	931	230	188	52
KCDL4-14	650	390	1040	260	208	64
KCDL4-16	704	390	1094	260	208	66

KCDL/KCDLF5, 60Hz

입형 다단 원심 펌프

● 성능 곡선

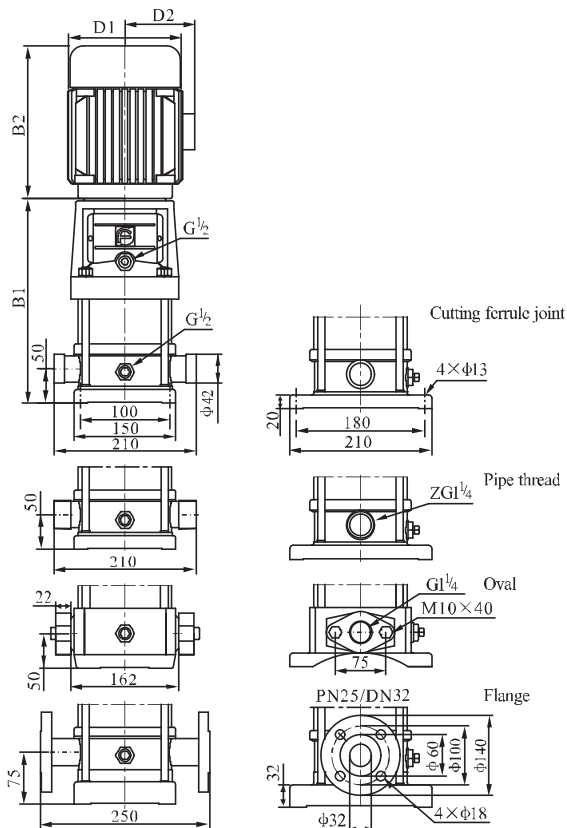
ISO9906 Annex A 3500rpm



● 성능표

Model	Driving motor		Q (m ³ /h)	3	4	5	6	7	8	9
	(kW)	(hp)								
KCDL5-2	0.55	0.75	H (m)	18	17	16	15	13	11	9
KCDL5-3	1.1	1.5		27	26	24	22	21	17	14
KCDL5-4	1.1	1.5		37	35	32	30	27	23	20
KCDL5-5	1.5	2		46	44	41	38	35	30	25
KCDL5-6	2.2	3		55	52	49	46	41	37	31
KCDL5-7	2.2	3		64	61	58	54	48	43	37
KCDL5-8	2.2	3		73	70	67	62	56	49	42
KCDL5-9	2.2	3		82	79	75	70	64	56	48
KCDL5-10	3	4		92	88	84	78	72	63	54
KCDL5-11	3	4		101	97	92	86	78	70	60
KCDL5-12	3	4		110	106	101	94	86	77	66
KCDL5-13	4	5.5		120	115	109	103	95	84	72
KCDL5-14	4	5.5		130	124	118	111	102	91	78
KCDL5-15	4	5.5		139	133	127	119	108	98	85
KCDL5-16	4	5.5		148	142	135	127	117	105	91
KCDL5-18	5.5	7.5		167	161	153	144	134	119	104
KCDL5-20	5.5	7.5		186	180	171	162	147	133	116
KCDL5-22	5.5	7.5		205	198	189	179	163	147	129
KCDL5-24	7.5	10		224	216	207	195	180	162	142

● 외형 치수



KCDL5-18 ~ 5-24 파이프 라인의 하위 연결에는 타원형 플랜지 연결이 없습니다.
단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

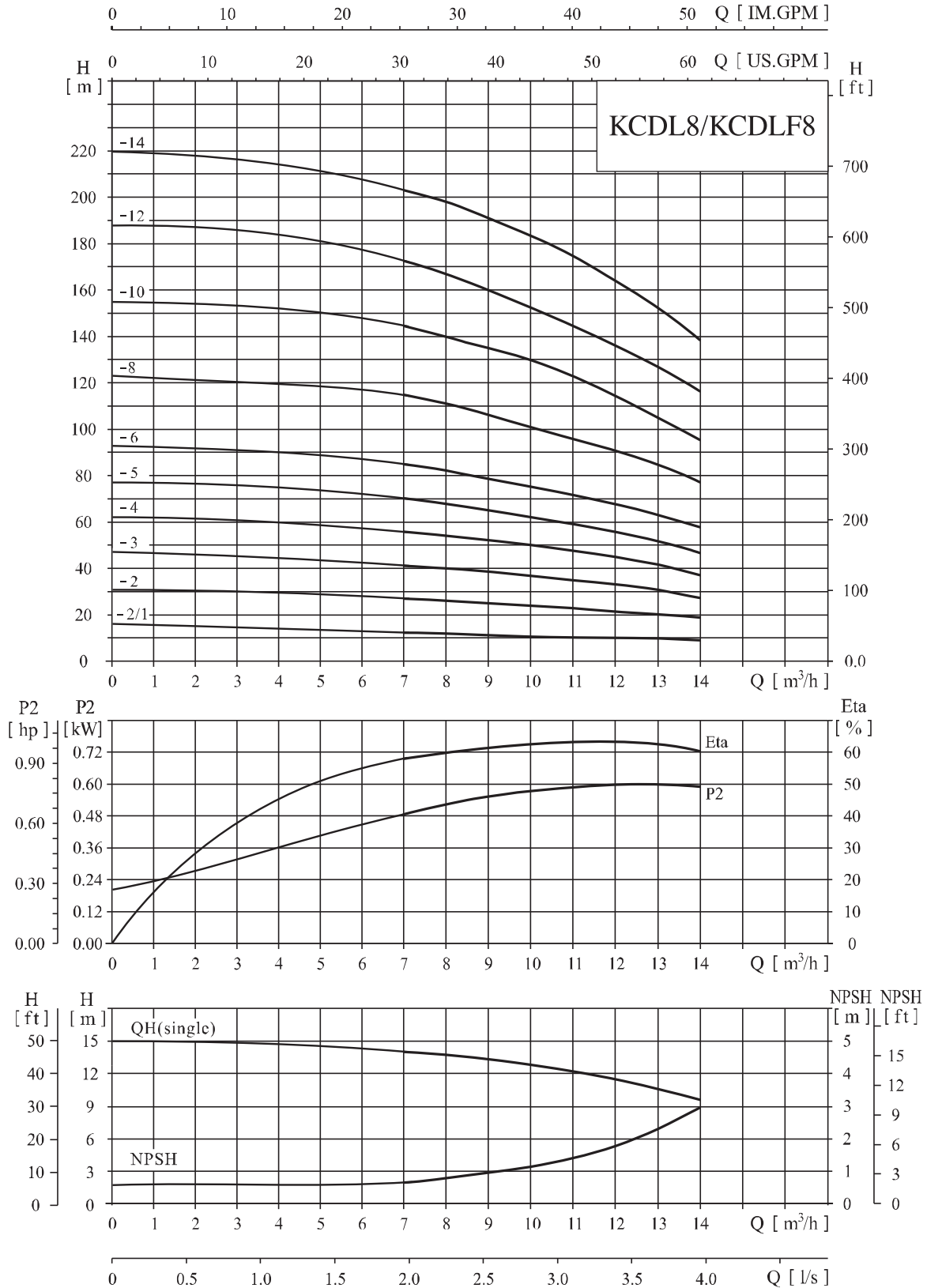
Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
KCDL5-2	276	225	501	148	117	27
KCDL5-3	303	245	548	170	142	29
KCDL5-4	330	245	575	170	142	29
KCDL5-5	367	290	657	190	155	34
KCDL5-6	394	290	684	190	155	37
KCDL5-7	421	290	711	190	155	37
KCDL5-8	448	290	738	190	155	38
KCDL5-9	485	290	775	190	155	38
KCDL5-10	512	345	857	197	165	47
KCDL5-11	539	345	884	197	165	47
KCDL5-12	566	345	911	197	165	48
KCDL5-13	593	355	948	230	188	56
KCDL5-14	620	355	975	230	188	57
KCDL5-15	647	355	1002	230	188	57
KCDL5-16	684	355	1039	230	188	58
KCDL5-18	738	390	1128	260	208	76
KCDL5-20	782	390	1172	260	208	77
KCDL5-22	846	390	1236	260	208	78
KCDL5-24	900	390	1290	260	208	82

KCDL/KCDLF8, 60Hz

입형 다단 원심 펌프

● 성능 곡선

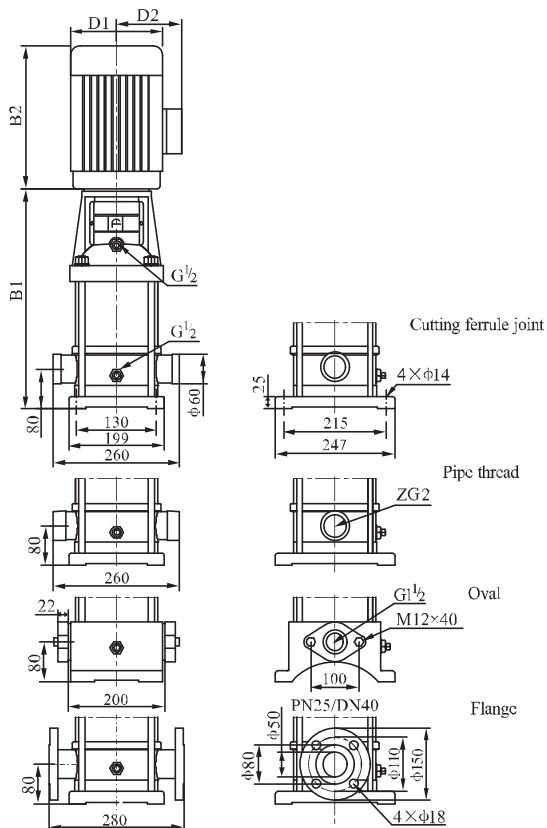
ISO9906 Annex A 3500rpm



● 성능표

Model	Driving motor		Q (m ³ /h)	7	8	9	10	11	12	13	14
	(kW)	(hp)									
KCDL8-2/1	0.75	1	H (m)	13	12	11.5	11	10.5	10	9.5	9
KCDL8-2	1.5	2		27	26	25	24	23	22	20	18
KCDL8-3	2.2	3		41	40	38	37	35	33	30	28
KCDL8-4	3	4		55	54	52	50	47	45	41	38
KCDL8-5	3	4		70	68	65	63	59	56	52	47
KCDL8-6	4	5.5		85	82	78	76	72	68	62	57
KCDL8-8	5.5	7.5		115	110	105	101	97	91	84	75
KCDL8-10	7.5	10		145	140	132	126	122	115	105	95
KCDL8-12	7.5	10		173	167	160	152	147	132	125	115
KCDL8-14	11	15		202	195	188	179	174	163	147	135

● 외형 치수



KCDL8-10 ~ 8-14 파이프 라인의 하위 연결에는 타원형 플랜지 연결이 없습니다.
단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

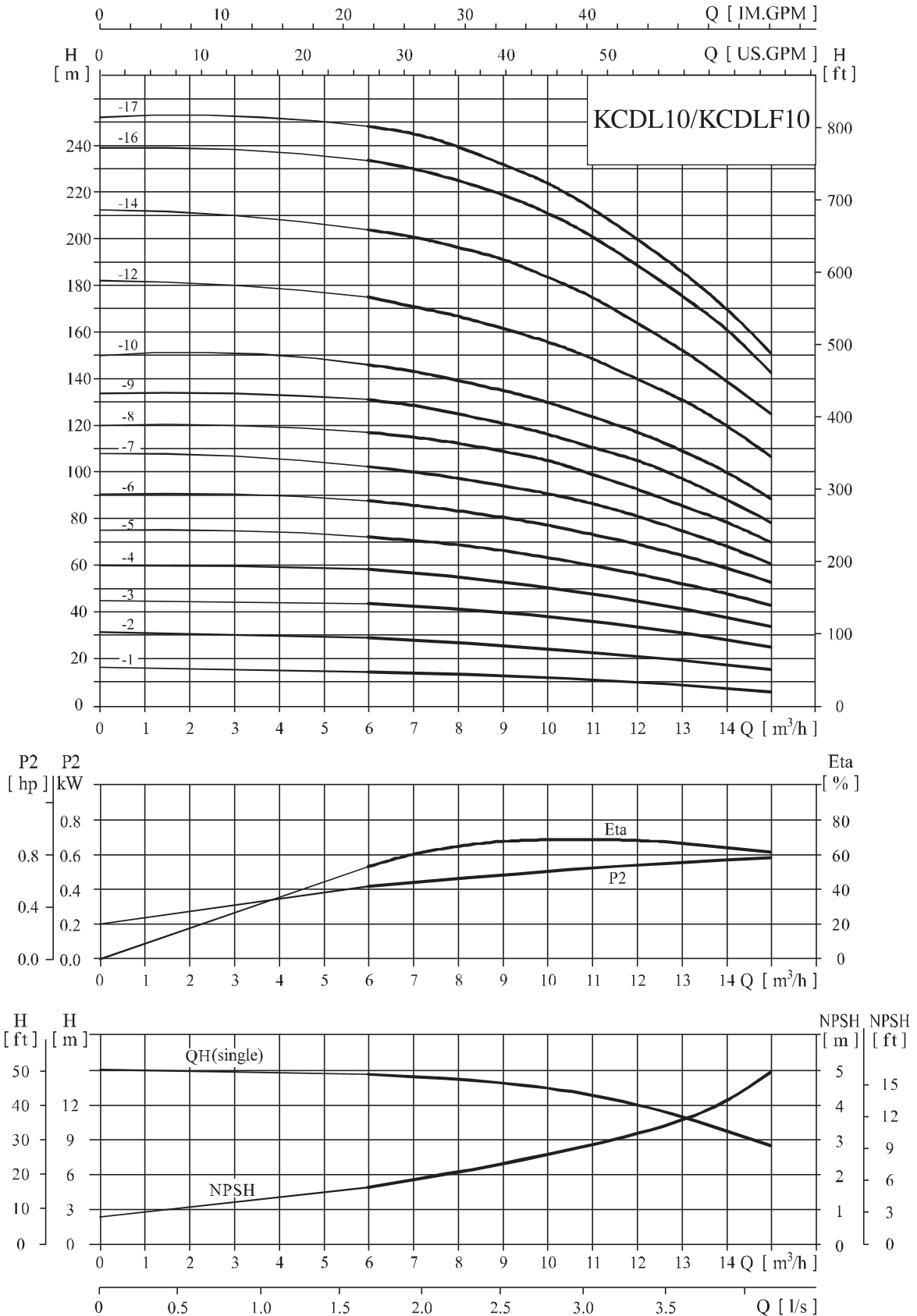
Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
KCDL8-2/1	347	245	592	170	142	32
KCDL8-2	357	290	647	190	155	38
KCDL8-3	387	290	677	190	155	41
KCDL8-4	427	345	772	197	165	49
KCDL8-5	457	345	802	197	165	50
KCDL8-6	487	355	842	230	188	58
KCDL8-8	567	390	957	260	208	71
KCDL8-10	627	390	1017	260	208	80
KCDL8-12	687	390	1077	260	208	82
KCDL8-14	835	500	1335	330	255	153

KCDL/KCDLF10,60Hz

입형 다단 원심 펌프

● 성능 곡선

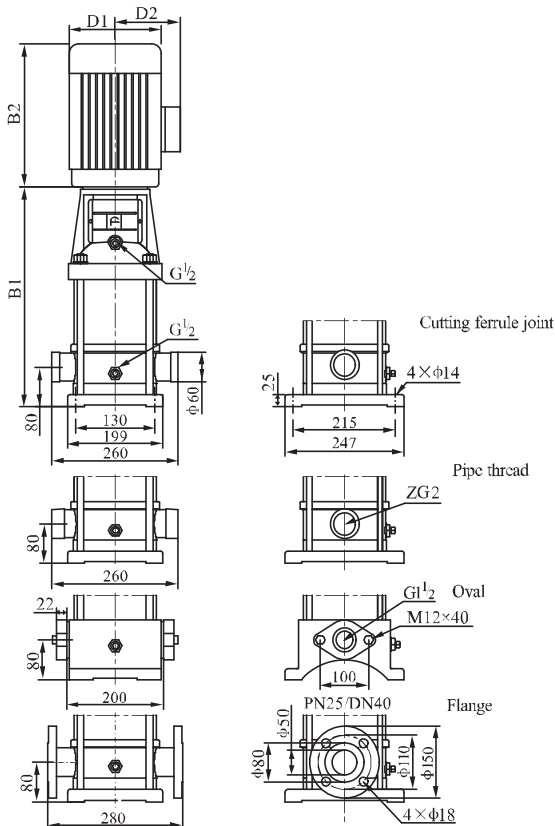
ISO9906 Annex A 3500rpm



● 성능표

Model	Driving motor		Q (m ³ /h)	H (m)									
	(kW)	(hp)		6	7	8	9	10	11	12	13	14	15
KCDL10-1	0.75	1	H (m)	14	13.5	13	12.5	12	11	10	9	7	6
KCDL10-2	1.5	2		29	28	27	26	25	23	22	19	18	16
KCDL10-3	2.2	3		43	42	41	39	38	36	34	31	28	25
KCDL10-4	3	4		58	57	55	53	51	48	45	41	38	34
KCDL10-5	3	4		72	71	69	66	64	61	57	52	48	43
KCDL10-6	4	5.5		87	86	83	80	77	74	69	64	59	52
KCDL10-7	5.5	7.5		102	100	97	94	90	87	81	75	69	61
KCDL10-8	5.5	7.5		117	114	110	108	103	99	93	86	79	70
KCDL10-9	5.5	7.5		131	128	125	121	116	111	105	98	90	79
KCDL10-10	7.5	10		146	143	139	135	129	123	117	109	100	89
KCDL10-12	7.5	10		175	172	167	163	156	149	140	131	120	107
KCDL10-14	11	15		204	201	196	191	183	175	164	153	140	125
KCDL10-16	11	15		233	230	224	219	210	200	188	176	160	143
KCDL10-17	11	15		248	245	239	233	224	213	200	186	170	152

● 외형 치수



KCDL10-12 ~ 10-17 파이프 라인의 하위 연결에는 타원형 플랜지 연결이 없습니다.
단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

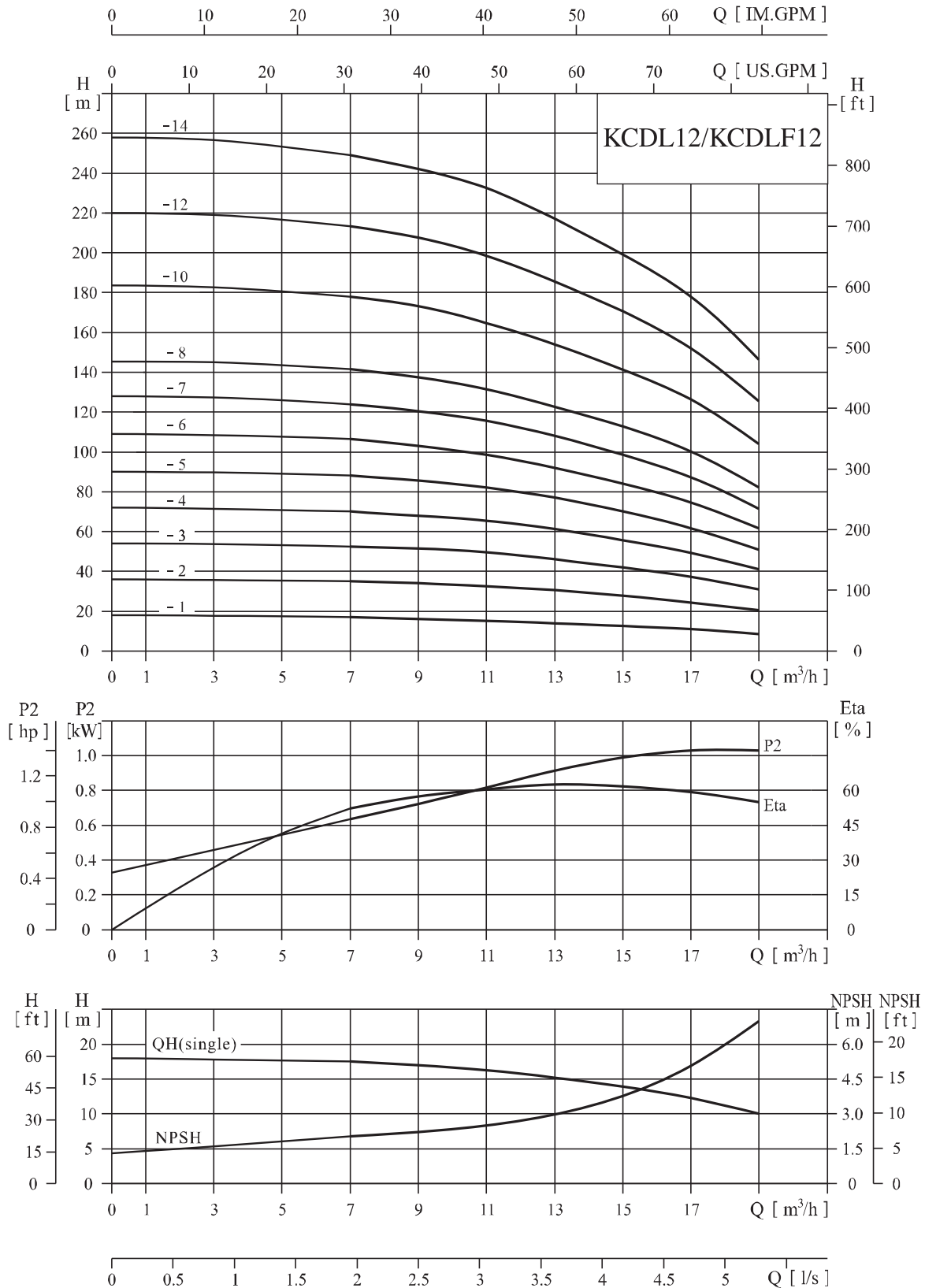
Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
KCDL10-1	347	245	592	170	142	40
KCDL10-2	347	290	637	190	155	47
KCDL10-3	377	290	667	190	155	51
KCDL10-4	417	345	762	197	165	60
KCDL10-5	447	345	792	197	165	61
KCDL10-6	477	355	832	230	188	70
KCDL10-7	517	390	907	260	208	92
KCDL10-8	547	390	937	260	208	93
KCDL10-9	577	390	967	260	208	94
KCDL10-10	607	390	997	260	208	98
KCDL10-12	667	390	1057	260	208	100
KCDL10-14	747	500	1247	330	255	157
KCDL10-16	807	500	1307	330	255	159
KCDL10-17	837	500	1337	330	255	160

KCDL/KCDLF12,60Hz

입형 다단 원심 펌프

● 성능 곡선

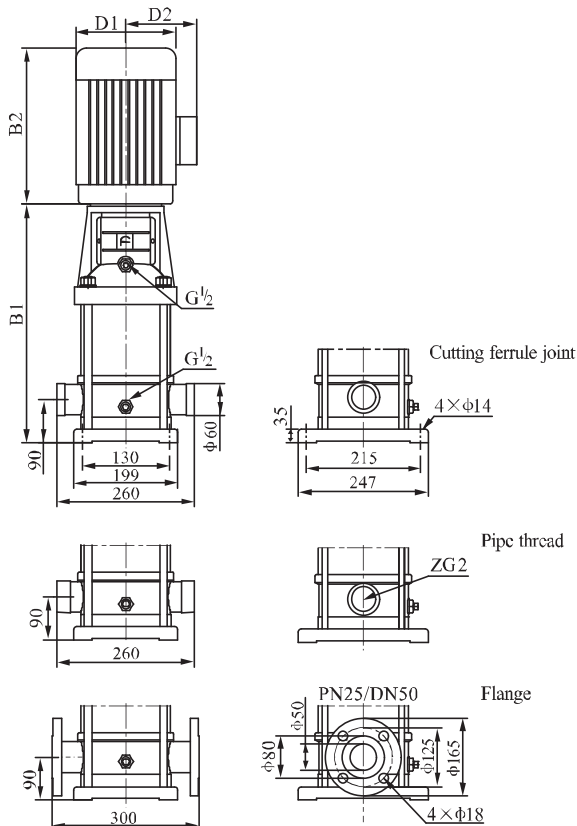
ISO9906 Annex A 3500rpm



● 성능표

Model	Driving motor		Q (m ³ /h)	7	9	11	12	13	15	17	19
	(kW)	(hp)									
KCDL12-1	1.1	1.5	H (m)	17	16	15	14.5	14	12.5	11	8.5
KCDL12-2	2.2	3		35	34	32.5	32	30.5	27	24.5	20.5
KCDL12-3	4	5.5		52.5	51.5	50	48	46	41.5	37.5	31
KCDL12-4	5.5	7.5		70	68	65.5	64	61.5	55	49.5	41
KCDL12-5	5.5	7.5		88	86	82	80	77	70	62	51
KCDL12-6	7.5	10		107	103	99	96	92	84	75	61
KCDL12-7	7.5	10		124	121	116	112	107	97	88	71
KCDL12-8	11	15		141	137	132	128	122	111	101	82
KCDL12-10	11	15		178	173	166	161	153	140	128	104
KCDL12-12	15	20		213	208	199	193	185	169	154	125
KCDL12-14	15	20		249	242	233	225	216	198	180	145

● 외형 치수



단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

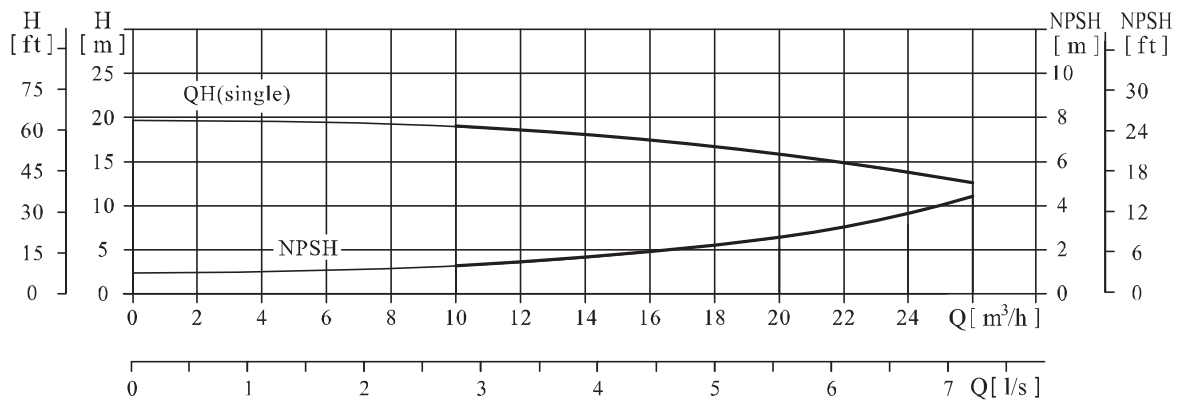
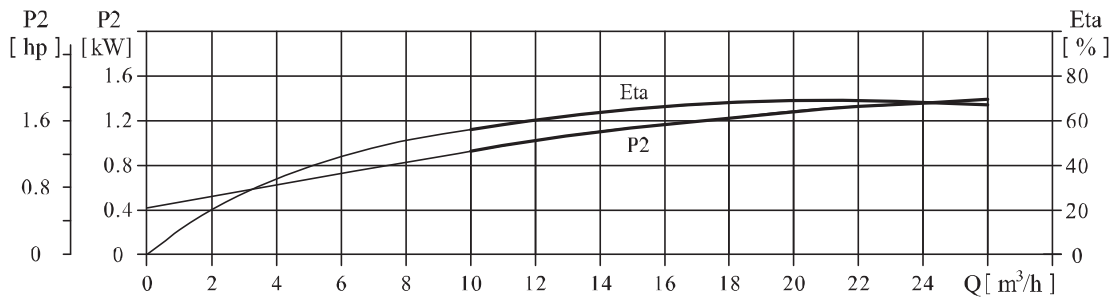
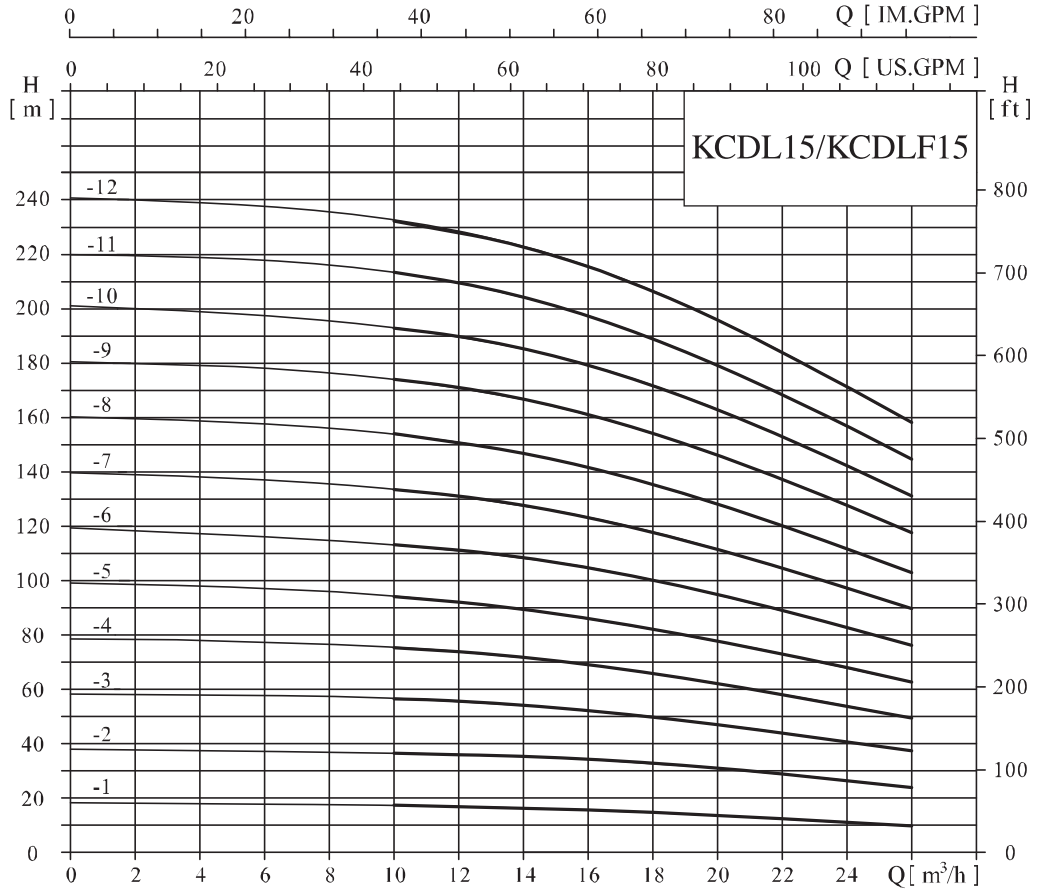
Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
KCDL12-1	357	245	602	170	142	32
KCDL12-2	367	290	657	190	155	41
KCDL12-3	407	355	762	230	188	56
KCDL12-4	457	390	847	260	208	69
KCDL12-5	487	390	877	260	208	71
KCDL12-6	517	390	907	260	208	77
KCDL12-7	547	390	937	260	208	78
KCDL12-8	665	500	1165	330	255	147
KCDL12-10	725	500	1225	330	255	151
KCDL12-12	785	500	1285	330	255	164
KCDL12-14	845	500	1345	330	255	167

KCDL/KCDLF15,60Hz

입형 다단 원심 펌프

● 성능 곡선

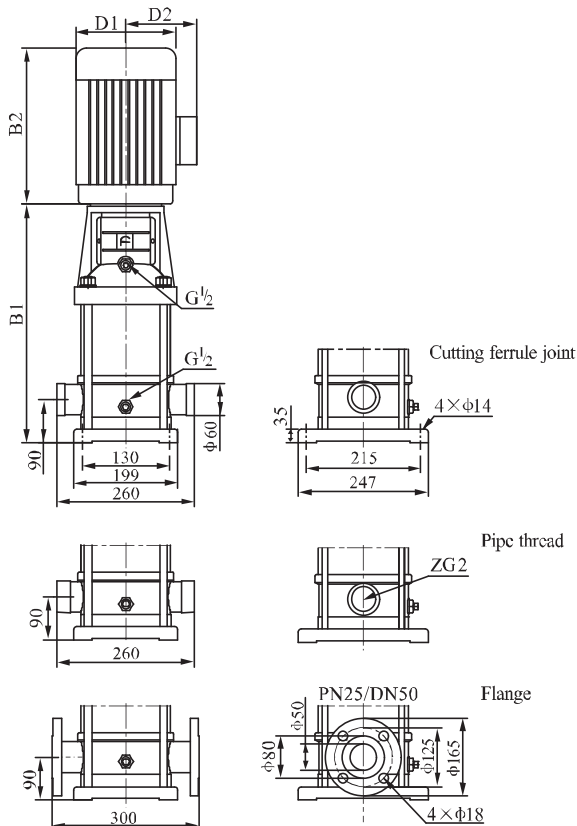
ISO9906 Annex A 3500rpm



● 성능표

Model	Driving motor		Q (m ³ /h)	10	12	14	15	16	18	20	22	24	26
	(kW)	(hp)											
KCDL15-1	1.5	2	H (m)	17.5	17	16.5	16	15.5	15	14	12.5	11	9.5
KCDL15-2	3	4		36.5	36	35.5	35	34.5	33	31	29	27	24
KCDL15-3	4	5.5		56	55	54	53	52	50	47	44	41	37
KCDL15-4	5.5	7.5		75	74	72	71	69	66	62	58	54	49
KCDL15-5	7.5	10		94	92	90	88	87	83	79	74	68	62
KCDL15-6	11	15		113	111	108	107	105	101	95	89	83	76
KCDL15-7	11	15		134	131	128	126	124	118	112	105	98	90
KCDL15-8	11	15		154	151	147	144	142	136	129	121	112	103
KCDL15-9	15	20		174	171	167	164	161	155	147	138	128	118
KCDL15-10	15	20		193	190	186	182	180	172	163	154	143	131
KCDL15-12	18.5	25		232	228	223	219	216	207	197	185	172	158

● 외형 치수



● 사이즈, 중량

Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
KCDL15-1	397	290	687	190	155	39
KCDL15-2	407	345	752	197	165	49
KCDL15-3	452	355	807	230	188	58
KCDL15-4	517	390	907	260	208	71
KCDL15-5	562	390	952	260	255	81
KCDL15-6	695	500	1195	330	255	150
KCDL15-7	740	500	1240	330	255	152
KCDL15-8	785	500	1285	330	255	153
KCDL15-9	830	500	1330	330	255	165
KCDL15-10	875	500	1375	330	255	167
KCDL15-12	965	550	1515	330	255	191

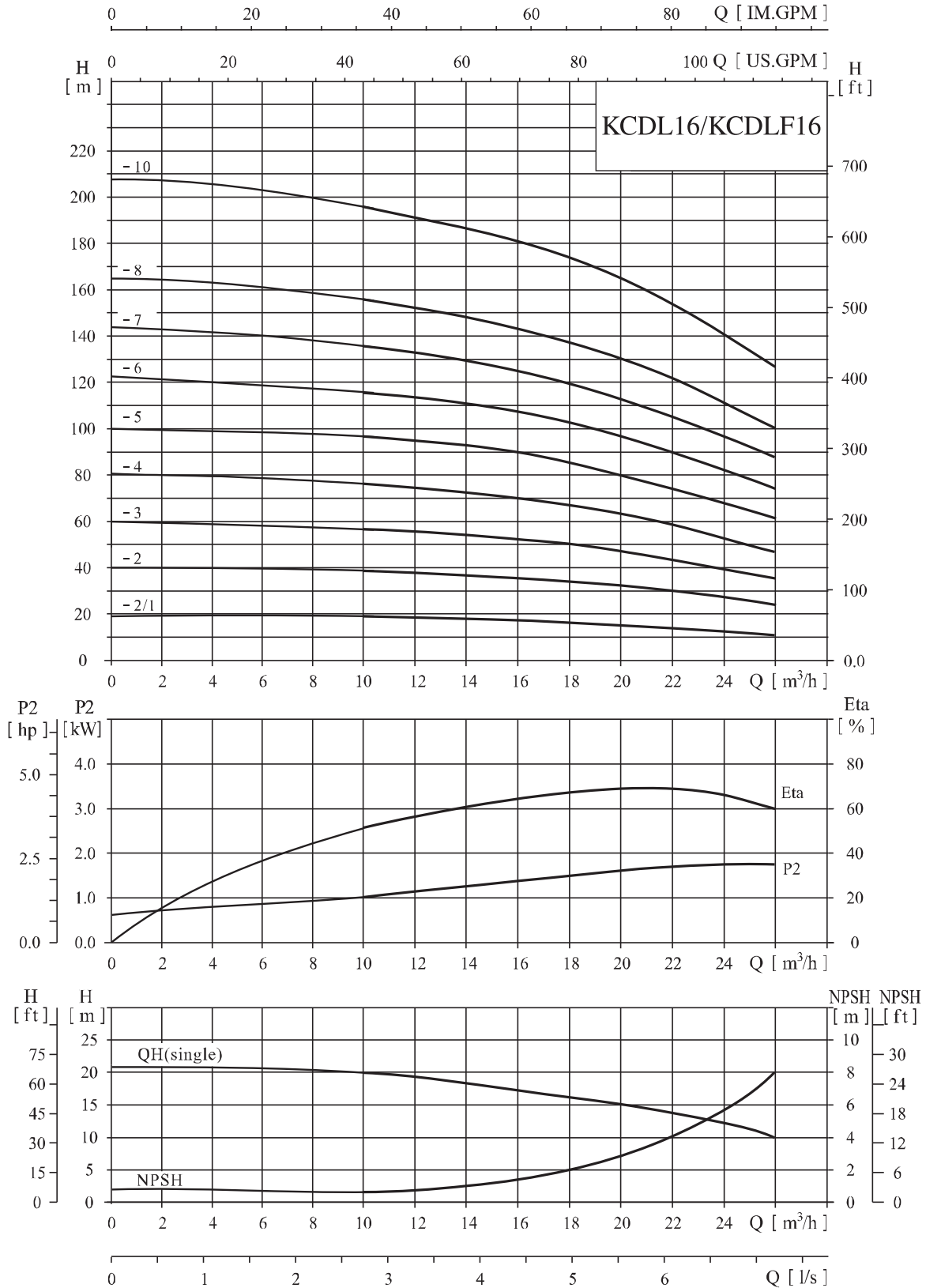
단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

KCDL/KCDLF16,60Hz

입형 다단 원심 펌프

● 성능 곡선

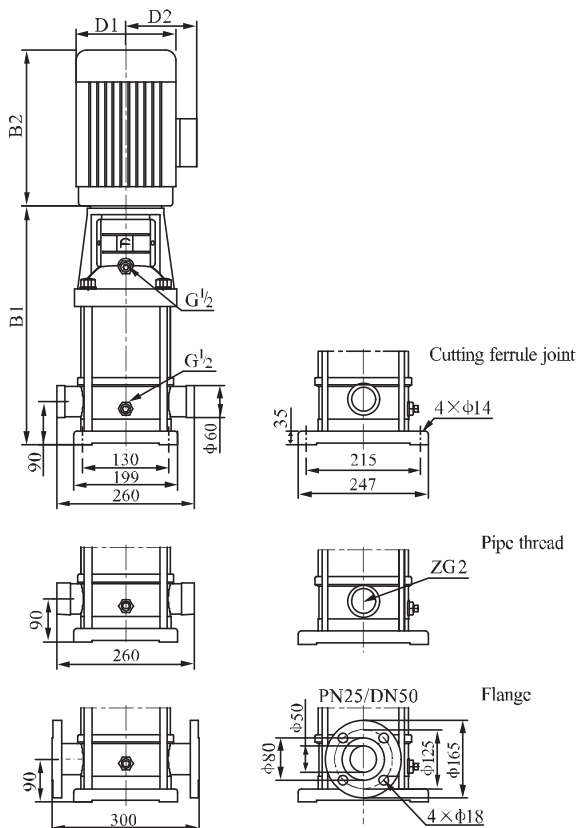
ISO9906 Annex A 3500rpm



● 성능표

Model	Driving motor		Q (m ³ /h)	10	12	14	16	18	20	22	24	26
	(kW)	(hp)										
KCDL16 2/1	2.2	3	H (m)	19	18.5	18	17	16	15	14	13	11
KCDL16-2	4	5.5		38	37	36	35	34	32	30	27	24
KCDL16-3	5.5	7.5		57	56	55	54	51	48	45	40	36
KCDL16-4	7.5	10		76	75	73	72	68	64	60	54	49
KCDL16-5	11	15		96	94	92	90	85	80	75	68	62
KCDL16-6	11	15		115	113	111	108	102	96	91	82	75
KCDL16-7	15	20		135	132	129	126	119	113	106	96	88
KCDL16-8	15	20		155	152	148	144	137	130	122	111	101
KCDL16-10	18.5	25		197	192	187	181	174	165	153	139	127

● 외형 치수



단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

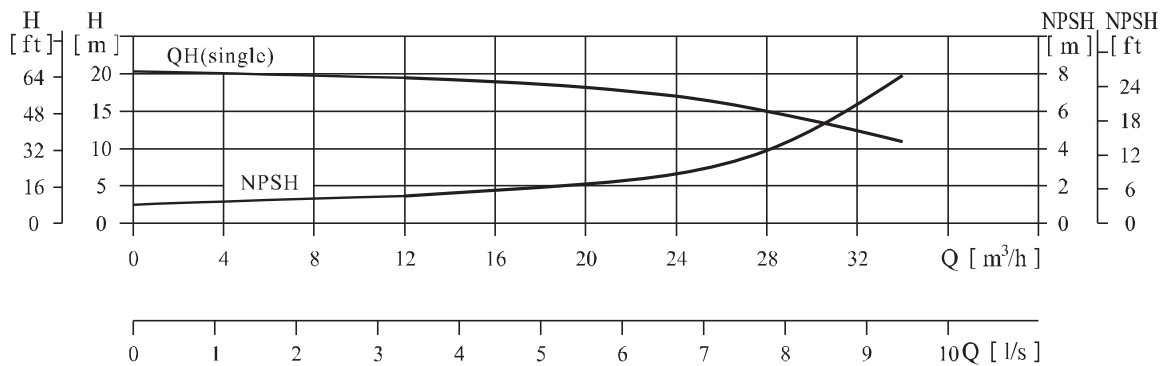
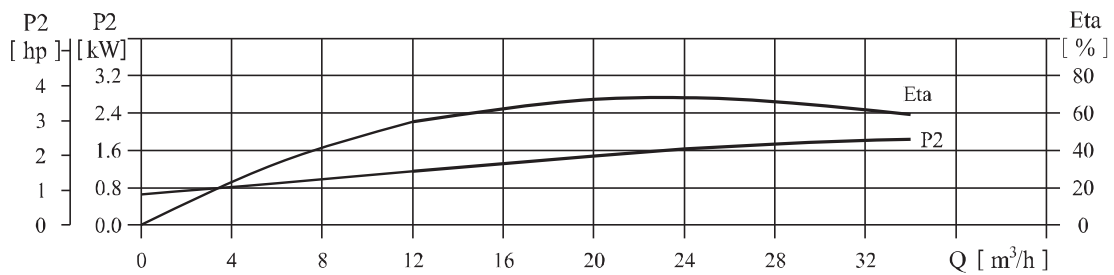
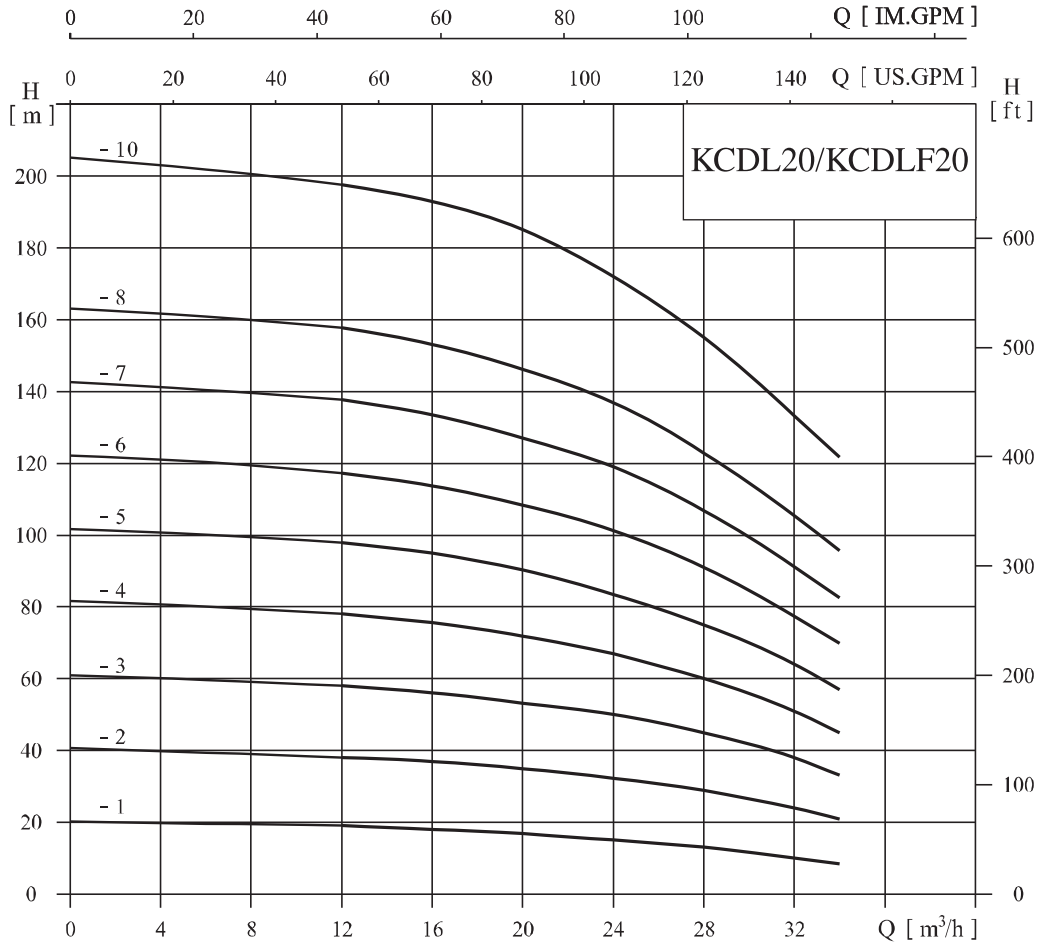
Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
KCDL16-2/1	397	290	687	190	155	42
KCDL16-2	407	355	762	230	188	56
KCDL16-3	472	390	862	260	208	68
KCDL16-4	517	390	907	260	208	75
KCDL16-5	650	500	1150	330	255	148
KCDL16-6	695	500	1195	330	255	150
KCDL16-7	740	500	1240	330	255	161
KCDL16-8	785	500	1285	330	255	163
KCDL16-10	875	550	1425	330	255	186

KCDL/KCDLF20,60Hz

입형 다단 원심 펌프

● 성능 곡선

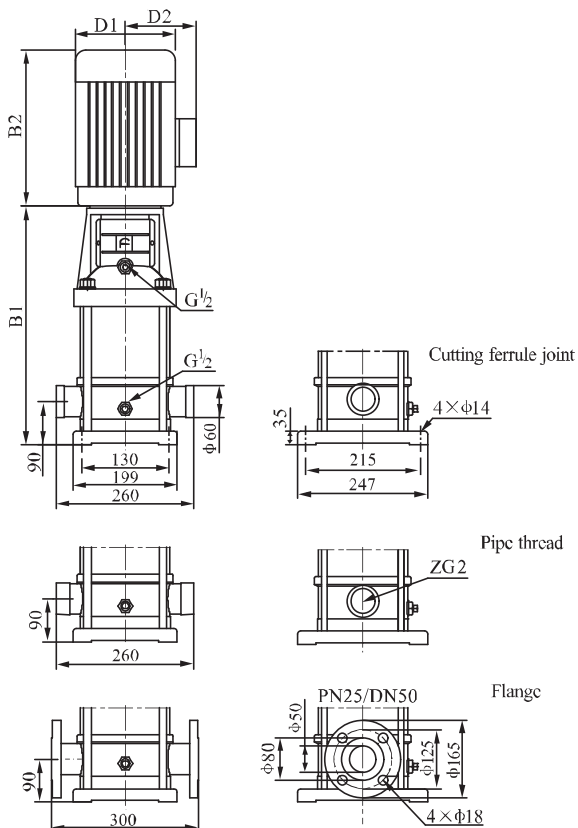
ISO9906 Annex A 3500rpm



● 성능표

Model	Driving motor		Q (m ³ /h)	12	16	20	24	28	32	34
	(kW)	(hp)								
KCDL20-1	2.2	3	H (m)	19	18	17	15	13	10	8.5
KCDL20-2	4.0	5.5		38	37	35	32	29	24	21
KCDL20-3	5.5	7.5		58	56	53	50	45	38	33
KCDL20-4	7.5	10		78	75	72	67	60	51	45
KCDL20-5	11	15		98	94	90	85	75	64	57
KCDL20-6	11	15		118	113	108	102	91	77	70
KCDL20-7	15	20		138	133	127	119	107	91	83
KCDL20-8	15	20		158	153	146	137	123	105	96
KCDL20-10	18.5	25		198	193	185	172	155	133	122

● 외형 치수



단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

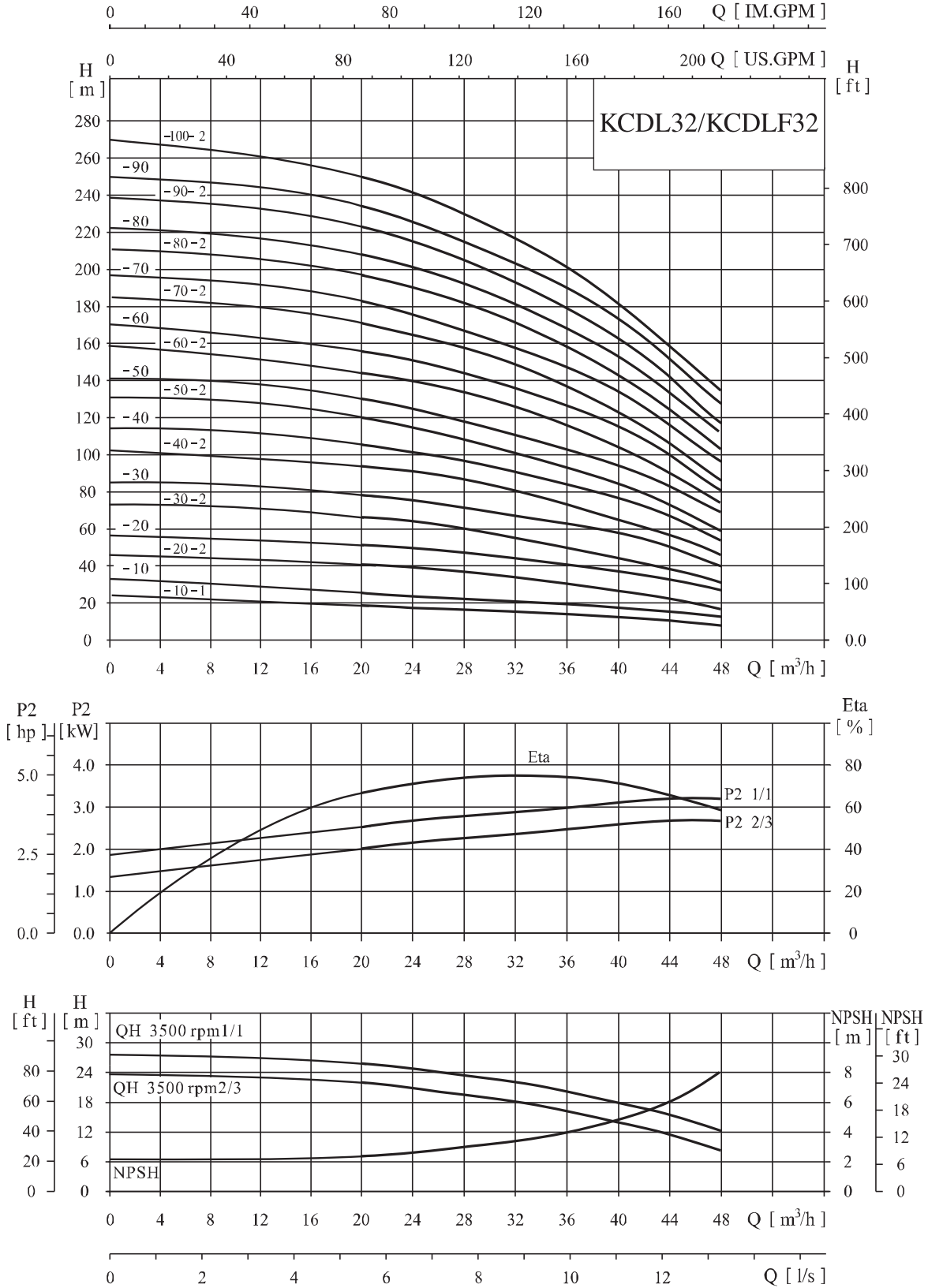
Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
KCDL20-1	397	290	687	190	155	41
KCDL20-2	407	355	762	230	188	56
KCDL20-3	472	390	862	260	208	69
KCDL20-4	517	390	907	260	208	79
KCDL20-5	650	500	1150	330	255	148
KCDL20-6	695	500	1195	330	255	150
KCDL20-7	740	500	1240	330	255	162
KCDL20-8	785	500	1285	330	255	163
KCDL20-10	875	550	1425	330	255	187

KCDL/KCDLF32,60Hz

입형 다단 원심 펌프

● 성능 곡선

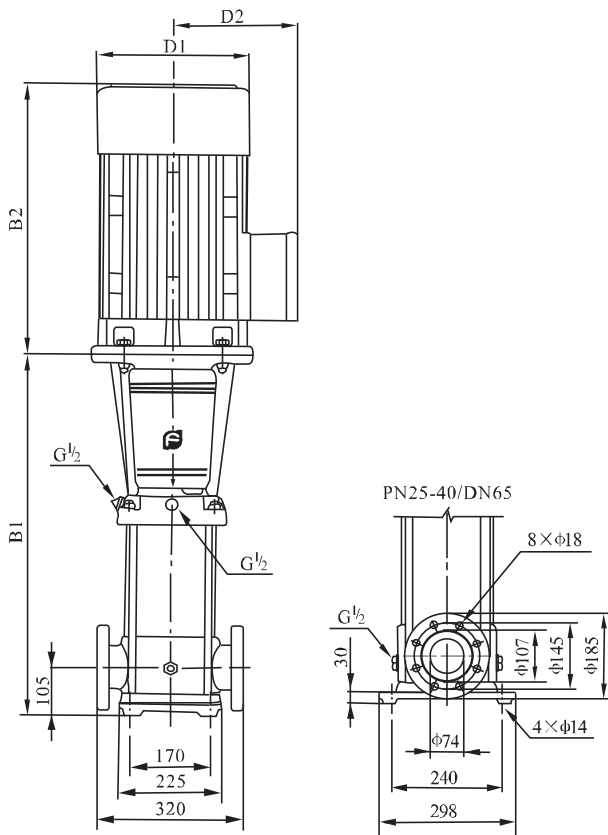
ISO9906 Annex A 3500rpm



● 성능표

Model	Driving motor		Q (m ³ /h)	20	24	28	32	36	40	44	48
	(kW)	(hp)									
KCDL32-10-1	3.0	4	H (m)	20	19	18	17	15	13	10	7
KCDL32-10	4.0	5.5		26	25	24	23	21	19	17	14
KCDL32-20-2	5.5	7.5		41	40	38	35	31	27	22	17
KCDL32-20	7.5	10		52	50	48	45	41	37	33	27
KCDL32-30-2	7.5	10		67	64	61	57	52	46	39	31
KCDL32-30	11	15		78	75	71	67	62	56	50	40
KCDL32-40-2	11	15		94	91	87	81	73	65	56	45
KCDL32-40	15	20		104	101	96	91	83	75	66	55
KCDL32-50-2	15	20		119	115	109	102	94	84	73	59
KCDL32-50	18.5	25		130	125	119	112	104	94	83	69
KCDL32-60-2	18.5	25		145	140	134	126	116	104	90	74
KCDL32-60	18.5	25		155	150	144	136	126	114	100	81
KCDL32-70-2	22	30		172	166	158	149	137	123	106	86
KCDL32-70	22	30		182	176	168	159	148	133	118	97
KCDL32-80-2	22	30		196	190	182	172	159	143	124	102
KCDL32-80	30	40		208	201	192	181	167	152	132	111
KCDL32-90-2	30	40		223	216	206	194	179	162	142	117
KCDL32-90	30	40		234	226	216	204	189	172	152	127
KCDL32-100-2	30	40		248	241	231	217	201	181	159	133

● 외형 치수



방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

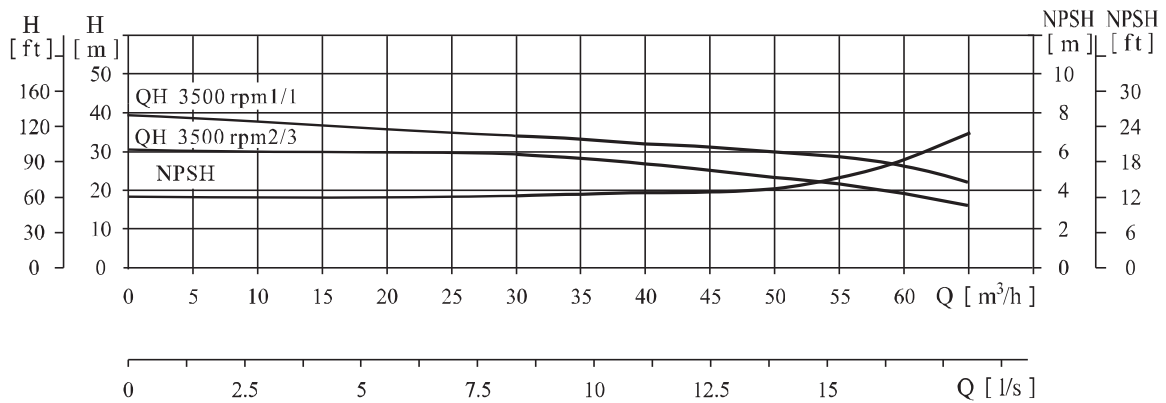
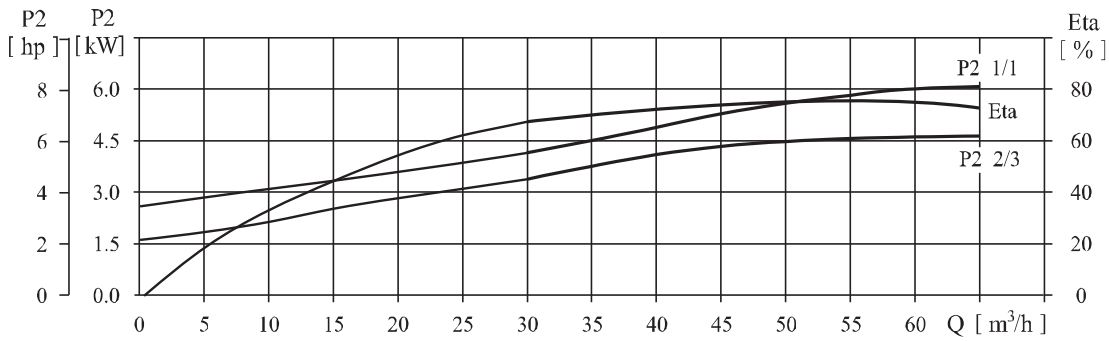
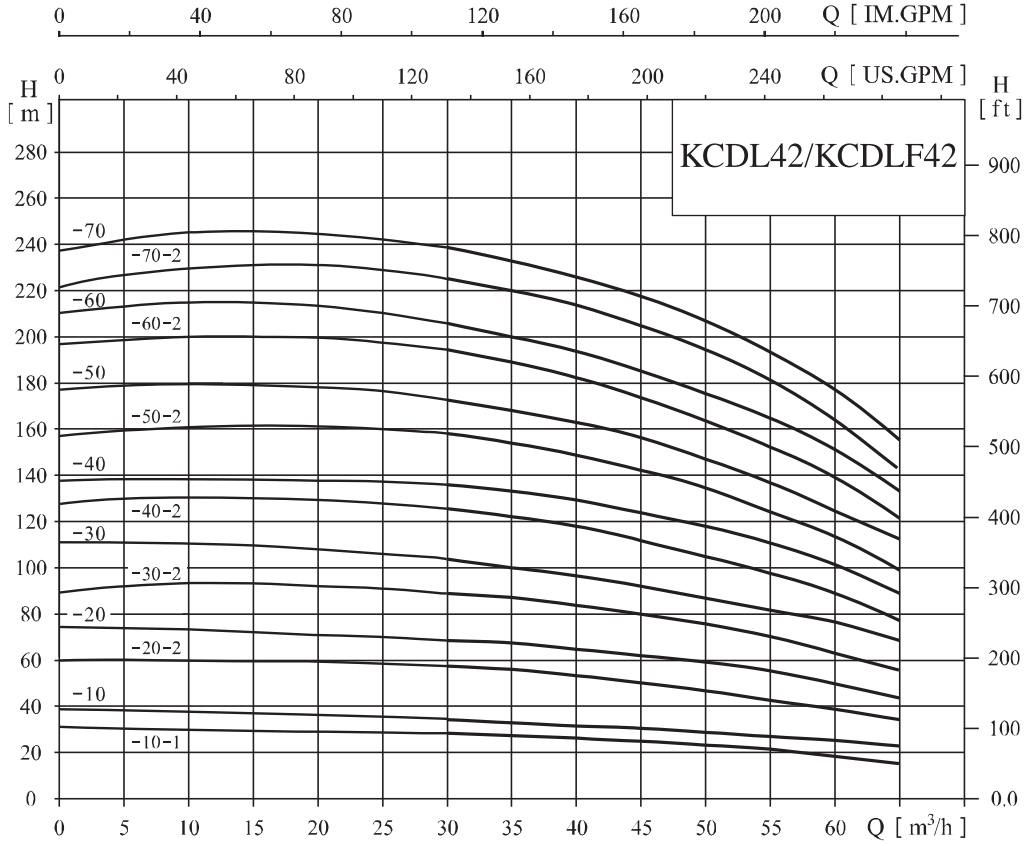
Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
KCDL32-10-1	505	345	850	197	165	73
KCDL32-10	505	355	860	230	188	81
KCDL32-20-2	575	390	965	260	208	95
KCDL32-20	575	390	965	260	208	101
KCDL32-30-2	645	390	1035	330	255	104
KCDL32-30	750	500	1250	330	255	172
KCDL32-40-2	820	500	1320	330	255	176
KCDL32-40	820	500	1320	330	255	186
KCDL32-50-2	890	500	1390	330	255	191
KCDL32-50	890	550	1440	330	255	211
KCDL32-60-2	960	550	1510	330	255	216
KCDL32-60	960	550	1510	330	255	216
KCDL32-70-2	1030	575	1605	360	285	255
KCDL32-70	1030	575	1605	360	285	255
KCDL32-80-2	1100	575	1675	400	310	259
KCDL32-80	1100	650	1750	400	310	315
KCDL32-90-2	1170	650	1820	400	310	319
KCDL32-90	1170	650	1820	400	310	319
KCDL32-100-2	1240	650	1890	400	310	324

KCDL/KCDLF42,60Hz

입형 다단 원심 펌프

● 성능 곡선

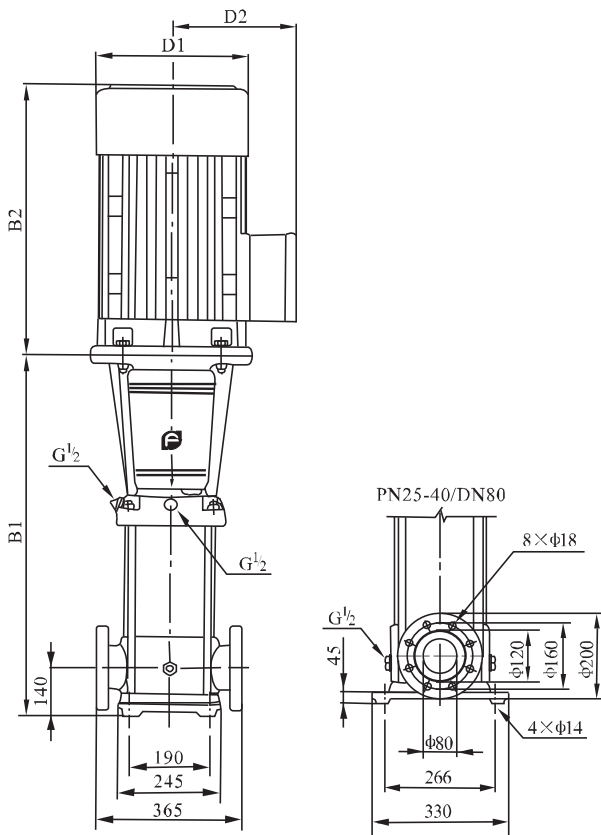
ISO9906 Annex A 3500rpm



● 성능표

Model	Driving motor		Q (m ³ /h)	30	35	40	42	45	50	55	60	65
	(kW)	(hp)										
KCDL42-10-1	5.5	7.5	H (m)	29	28	27	26	25	23	21	19	16
KCDL42-10	7.5	10		34	33	32	31.5	30	29	27	25	22
KCDL42-20-2	11	15		57	55	53	52	49	46	43	38	33
KCDL42-20	15	20		69	67	65	63	61	59	55	50	44
KCDL42-30-2	18.5	25		90	88	85	83	80	75	72	63	55
KCDL42-30	18.5	25		102	100	97	95	92	88	82	76	68
KCDL42-40-2	22	30		125	121	118	115	112	105	98	89	78
KCDL42-40	30	40		136	133	129	126	123	117	112	102	89
KCDL42-50-2	30	40		159	154	149	146	142	134	121	115	99
KCDL42-50	30	40		171	166	161	158	154	145	138	126	112
KCDL42-60-2	37	50		194	188	182	178	173	163	155	139	122
KCDL42-60	37	50		205	200	193	190	186	176	166	152	134
KCDL42-70-2	45	60		227	220	213	210	205	193	182	165	144
KCDL42-70	45	60		239	232	226	221	216	204	194	178	157

● 외형 치수



방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

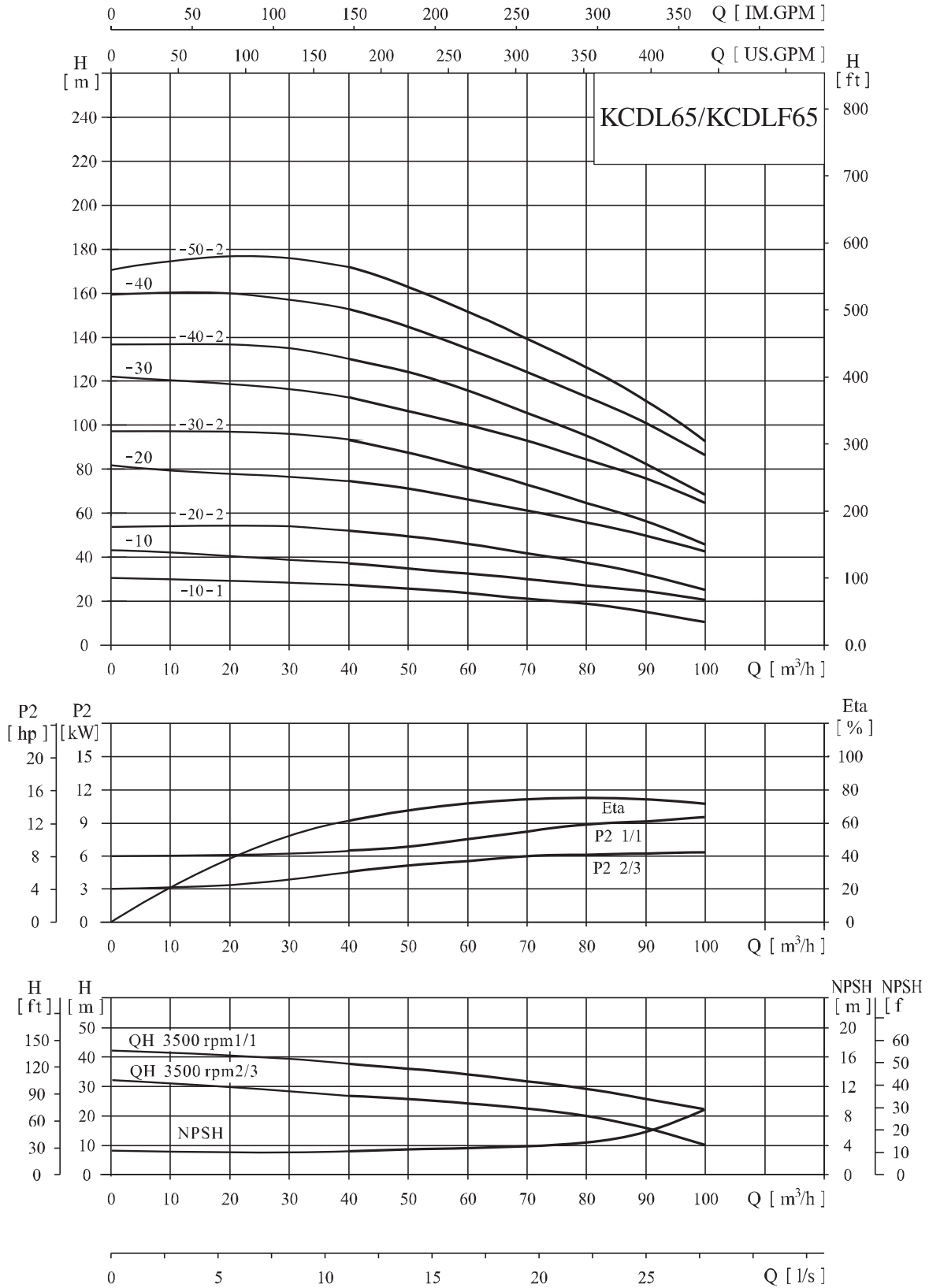
Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
KCDL42-10-1	561	390	952	260	208	101
KCDL42-10	561	390	952	260	208	106
KCDL42-20-2	748	500	1248	330	255	178
KCDL42-20	748	500	1248	330	255	188
KCDL42-30-2	828	550	1378	330	255	213
KCDL42-30	828	550	1378	330	255	213
KCDL42-40-2	908	575	1483	360	285	253
KCDL42-40	908	650	1558	400	310	309
KCDL42-50-2	988	650	1638	400	310	313
KCDL42-50	988	650	1638	400	310	313
KCDL42-60-2	1068	650	1718	400	310	340
KCDL42-60	1068	650	1718	400	310	340
KCDL42-70-2	1148	685	1833	460	340	404
KCDL42-70	1148	685	1833	460	340	404

KCDL/KCDLF65,60Hz

입형 다단 원심 펌프

● 성능 곡선

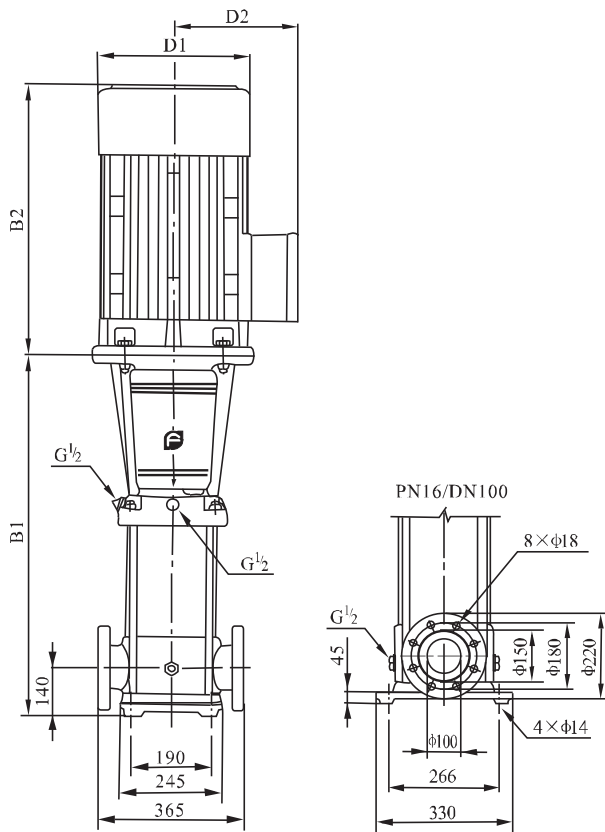
ISO9906 Annex A 3500rpm



● 성능표

Model	Driving motor		Q (m ³ /h)	40	50	60	65	70	80	90	100
	(kW)	(hp)									
KCDL65-10-1	7.5	10	H (m)	26	25	23	22	21	18	14	10
KCDL65-10	11	15		37	35	33	32	31	28	24	21
KCDL65-20-2	15	20		53	50	47	44	42	37	31	23
KCDL65-20	22	30		74	72	67	64	62	57	51	42
KCDL65-30-2	22	30		93	88	80	76	72	65	56	45
KCDL65-30	30	40		112	108	100	96	93	86	77	65
KCDL65-40-2	37	50		130	124	115	110	103	94	83	66
KCDL65-40	45	60		152	144	135	130	123	114	102	86
KCDL65-50-2	45	60		172	162	151	144	137	126	112	91

● 외형 치수



방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.
(필요한 경우 KCDL65 series, PN25-40/DN100 표준 플랜지도 사용 가능)

● 사이즈, 중량

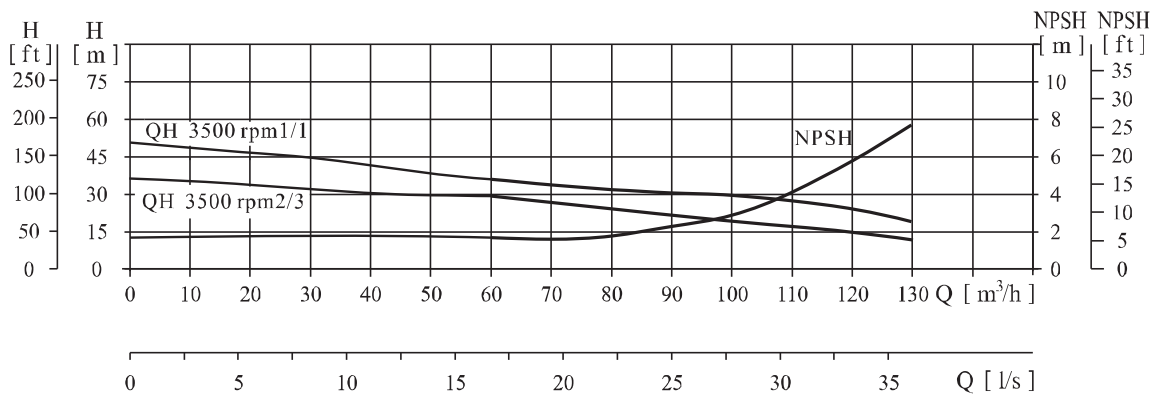
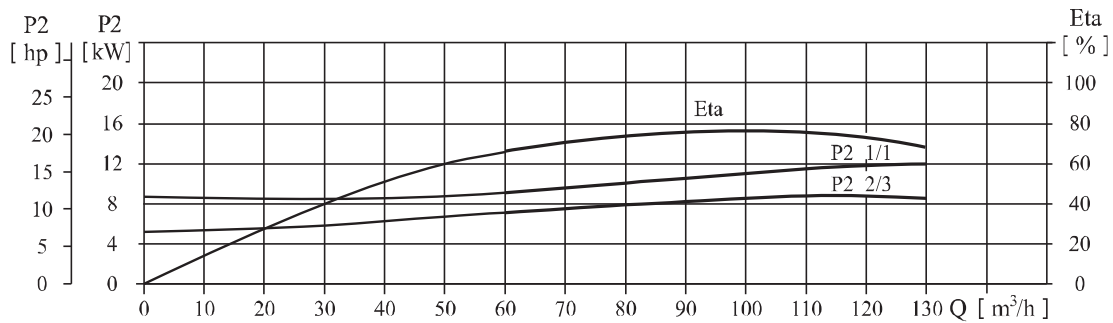
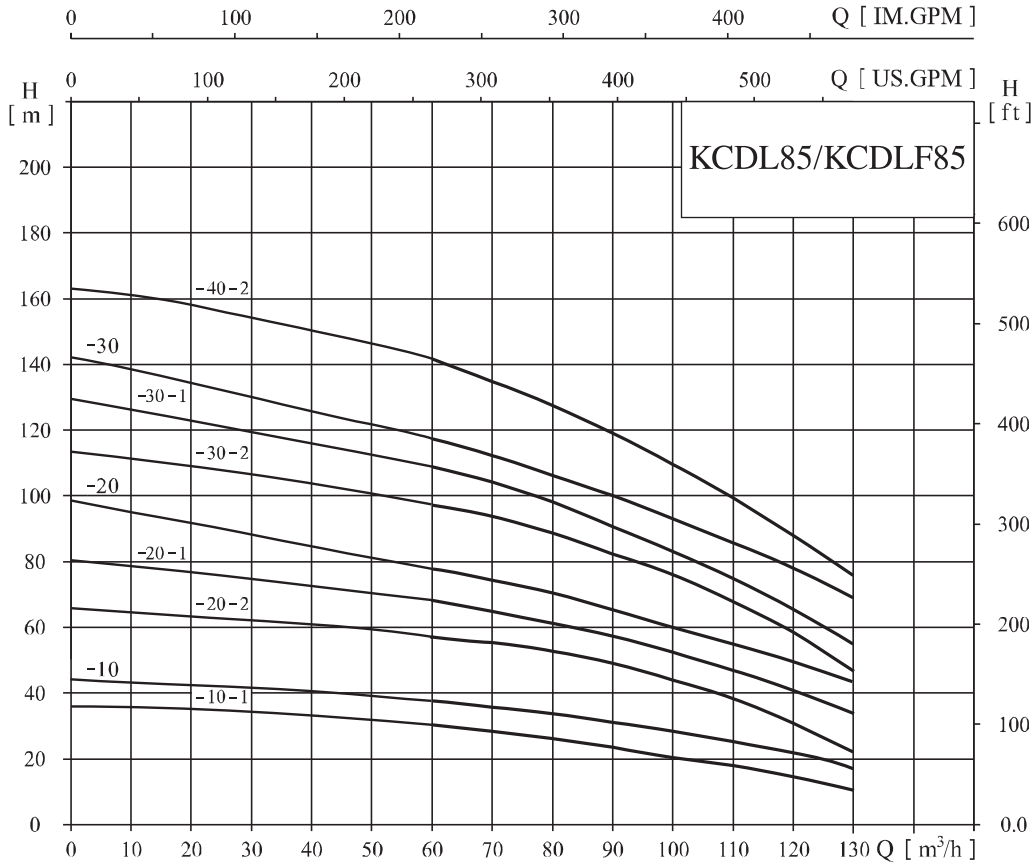
Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
KCDL65-10-1	561	390	951	260	208	109
KCDL65-10	671	500	1171	330	255	177
KCDL65-20-2	754	500	1254	330	255	187
KCDL65-20	754	575	1329	360	285	248
KCDL65-30-2	836	575	1411	360	285	252
KCDL65-30	836	650	1486	400	310	313
KCDL65-40-2	919	650	1569	400	310	336
KCDL65-40	919	685	1604	460	340	398
KCDL65-50-2	1001	685	1686	460	340	402

KCDL/KCDLF85,60Hz

입형 다단 원심 펌프

● 성능 곡선

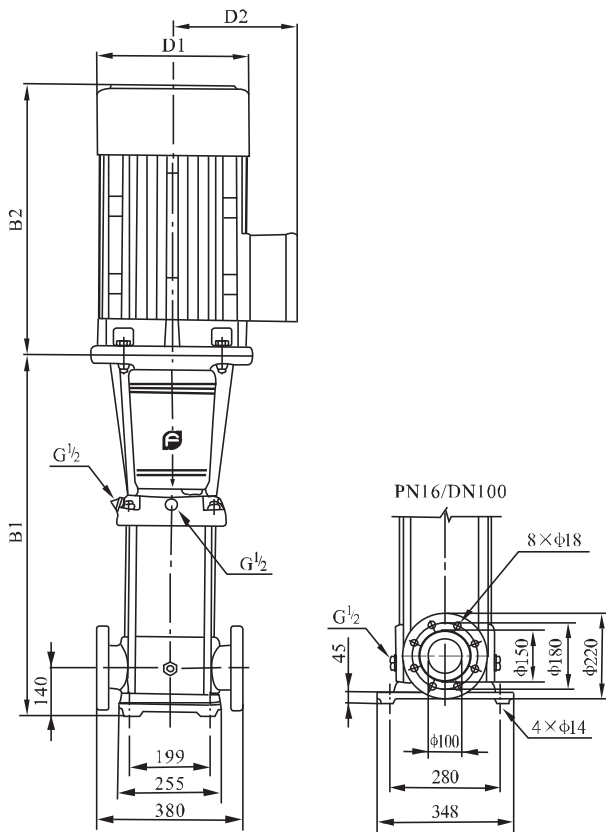
ISO9906 Annex A 3500rpm



● 성능표

Model	Driving motor		Q (m ³ /h)	60	70	80	85	90	100	110	120	130
	(kW)	(hp)										
KCDL85-10-1	11	15	H (m)	31	27	25	24	23	21	18	14	9
KCDL85-10	15	20		36	35	33	31	30	29	26	23	18
KCDL85-20-2	18.5	25		59	57	54	51	48	44	39	32	22
KCDL85-20-1	22	30		67	65	62	59	57	51	47	41	33
KCDL85-20	30	40		76	73	69	66	64	60	56	52	44
KCDL85-30-2	37	50		98	94	88	85	82	75	69	59	46
KCDL85-30-1	37	50		108	104	98	94	90	83	78	69	56
KCDL85-30	45	60		116	111	105	102	97	93	88	79	69
KCDL85-40-2	45	60		141	135	128	124	118	109	102	89	72

● 외형 치수



방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.
(필요한 경우 KCDL85 series, PN25-40/DN100 표준 플랜지도 사용 가능)

● 사이즈, 중량

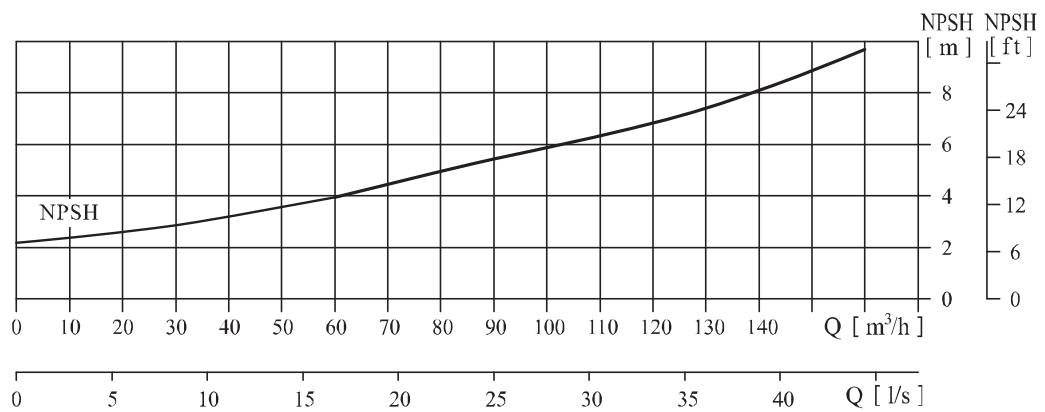
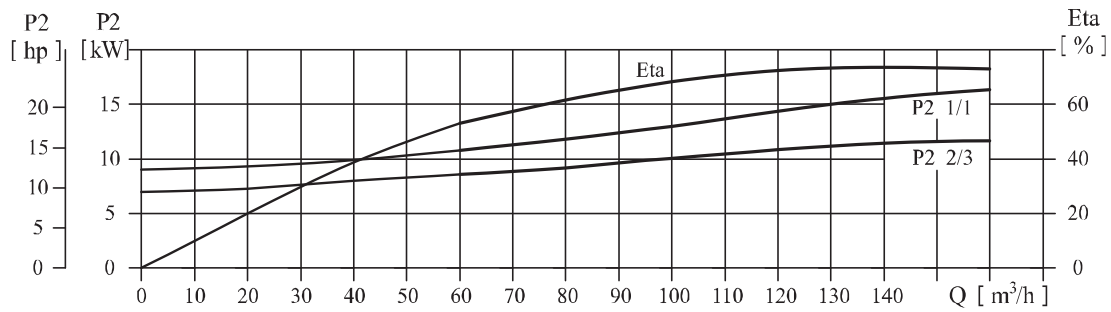
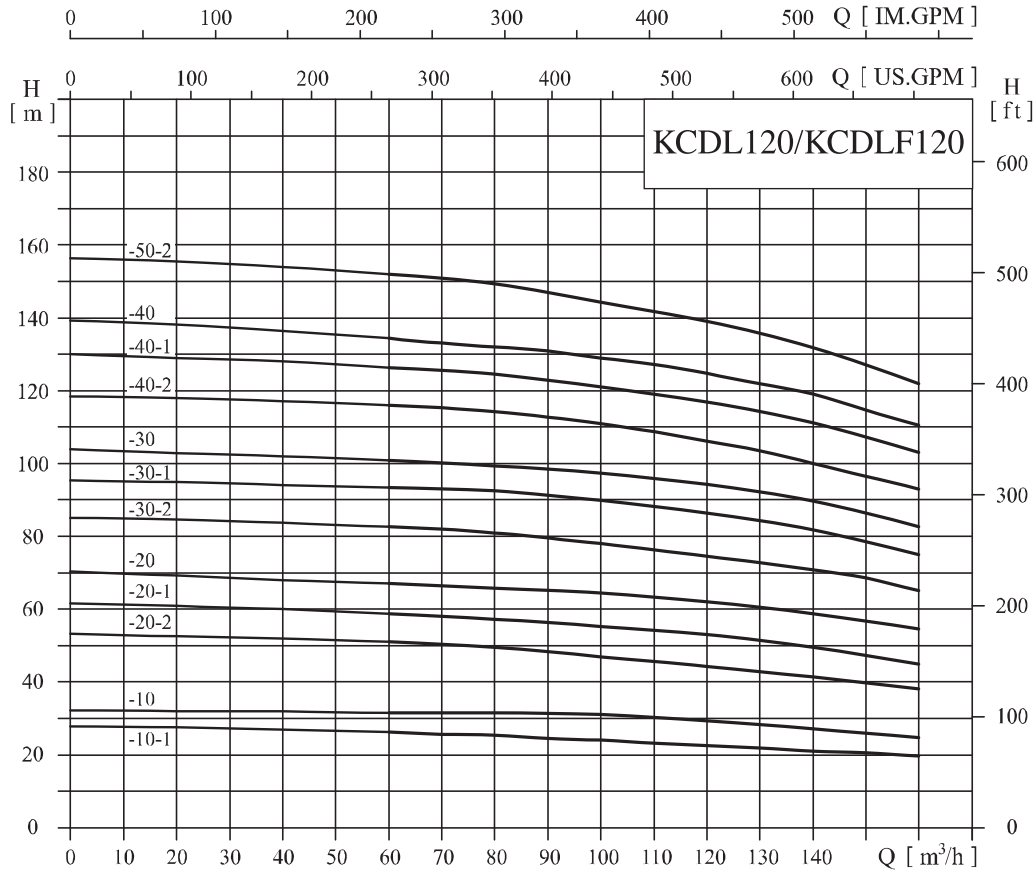
Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
KCDL85-10-1	571	500	1071	330	255	177
KCDL85-10	571	500	1071	330	255	188
KCDL85-20-2	773	550	1323	330	255	211
KCDL85-20-1	773	575	1348	360	285	248
KCDL85-20	773	650	1423	400	310	304
KCDL85-30-2	865	650	1515	400	310	330
KCDL85-30-1	865	650	1515	400	310	330
KCDL85-30	865	685	1550	460	340	392
KCDL85-40-2	957	685	1642	460	340	396

KCDL/KCDLF120,60Hz

입형 다단 원심 펌프

● 성능 곡선

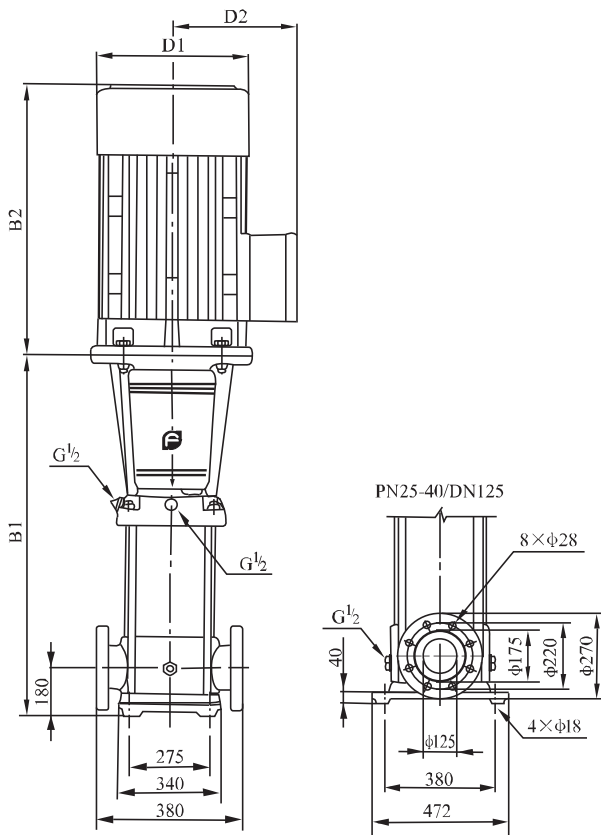
ISO9906 Annex A 3540rpm



● 성능표

Model	Driving motor		Q (m ³ /h)	H (m)										
	(kW)	(hp)		60	70	80	90	100	110	120	130	140	150	160
KCDL120-10-1	15	20	H (m)	26.5	26	25	24.5	23.8	23	22.5	21.5	21.3	21	20
KCDL120-10	18.5	25		30.8	30.7	30.7	30.5	30.3	29.5	28.8	27.6	26.4	25.4	24.4
KCDL120-20-2	30	40		51.5	50.5	49.5	47.5	46	45.5	44.8	43	41	39.7	38.5
KCDL120-20-1	30	40		58.3	58	57.3	56	54.7	54	53	51.5	50	47.4	45
KCDL120-20	37	50		66.3	66	65.7	65	64.4	63	62	60.7	59.6	57	54.6
KCDL120-30-2	45	60		83	82	81	79.5	78	76	74.5	73.5	71	68.5	65
KCDL120-30-1	45	60		91.3	91	90.4	89	87.7	86	84.4	82	80	76.7	73.3
KCDL120-30	55	75		100.3	100	99.4	98.3	97.3	95.5	94	92	90	86.3	82.7
KCDL120-40-2	75	100		116	115.5	114	113	111	109	105.5	104	100	97	93
KCDL120-40-1	75	100		126	125.4	124.6	122.6	120.6	118.5	116.5	114	111.3	107	103
KCDL120-40	75	100		134	133	132	131	129.5	127.5	125	122	119	114.5	109.5
KCDL120-50-2	75	100		152	151	149.7	147	144	141.5	139	135.5	132	127	122

● 외형 치수



방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

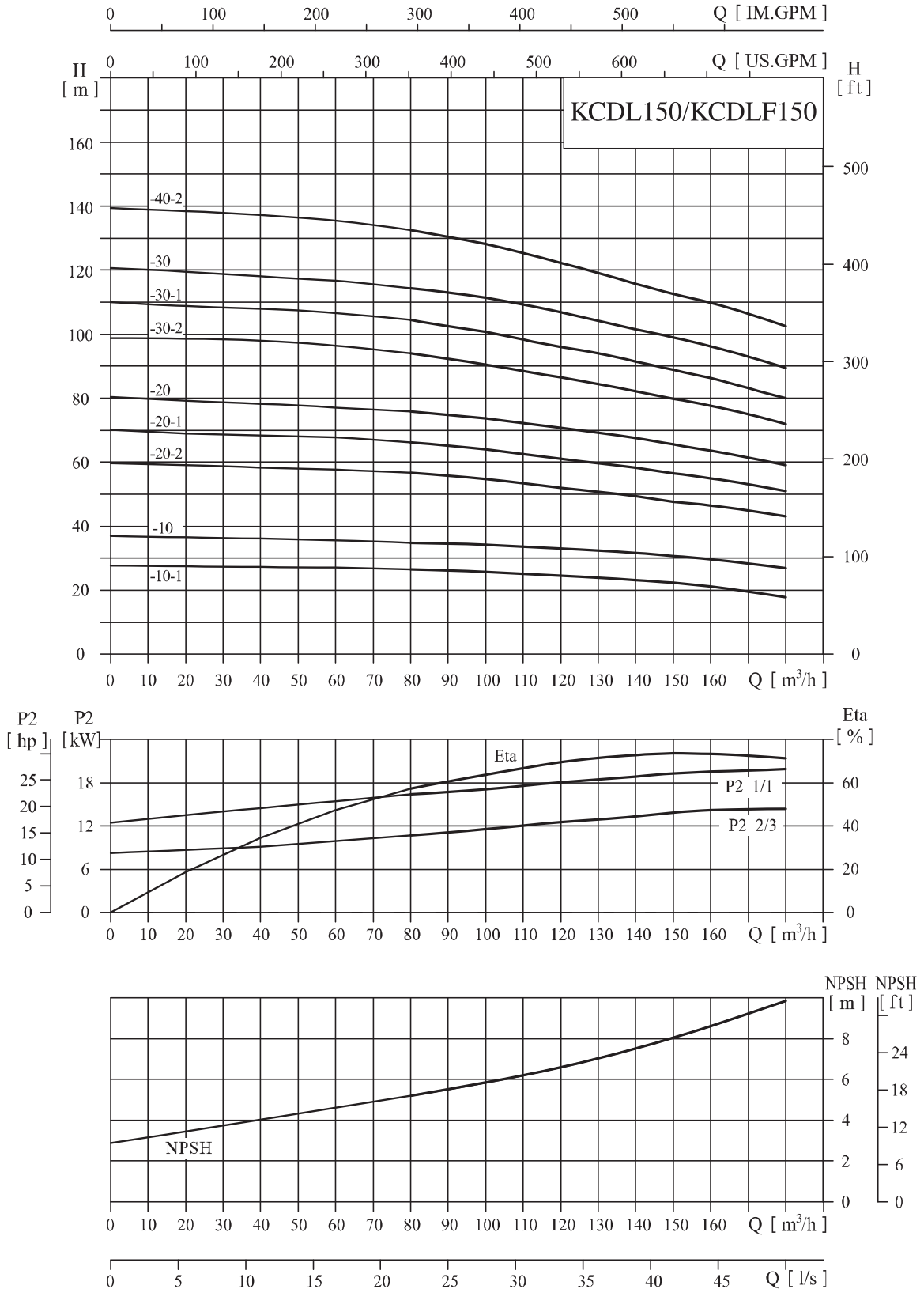
Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
KCDL120-10-1	840	500	1340	330	255	235
KCDL120-10	840	550	1390	330	255	250
KCDL120-20-2	1000	650	1650	400	310	350
KCDL120-20-1	1000	650	1650	400	310	350
KCDL120-20	1000	650	1650	400	310	380
KCDL120-30-2	1160	685	1845	460	340	445
KCDL120-30-1	1160	685	1845	460	340	445
KCDL120-30	1190	760	1950	510	370	545
KCDL120-40-2	1350	845	2195	580	410	675
KCDL120-40-1	1350	845	2195	580	410	675
KCDL120-40	1350	845	2195	580	410	675
KCDL120-50-2	1510	845	2355	580	410	690

KCDL/KCDLF150,60Hz

입형 다단 원심 펌프

● 성능 곡선

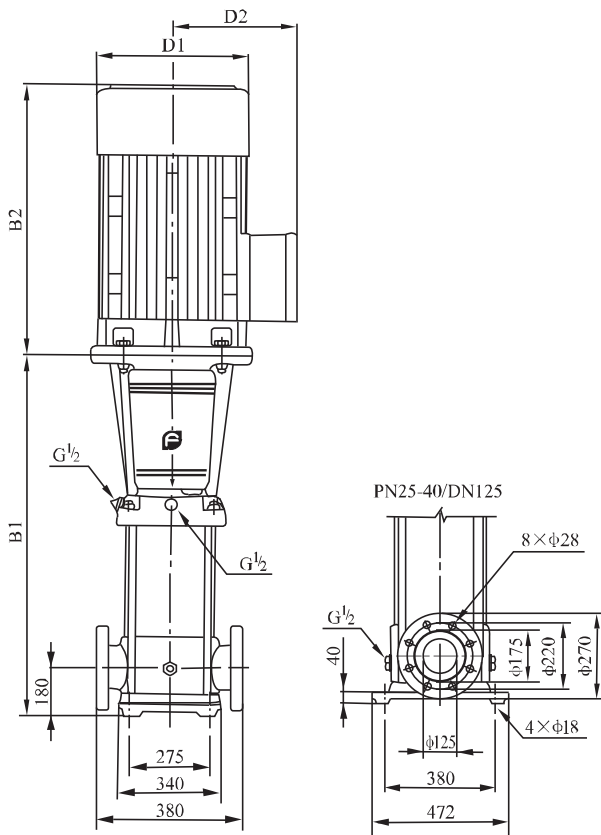
ISO9906 Annex A 3540rpm



● 성능표

Model	Driving motor		Q (m ³ /h)	H (m)										
	(kW)	(hp)		80	90	100	110	120	130	140	150	160	170	180
KCDL150-10-1	15	20	H (m)	26.5	26	25.7	25	24.3	23.8	23.2	22.3	21.2	19.5	18
KCDL150-10	22	30		35	34.5	34	33.6	33	32.3	31.7	30.7	29.6	28	27
KCDL150-20-2	30	40		57	55.5	53	52	51.3	50	49	48	47	45	43
KCDL150-20-1	37	50		67	65	63.5	62	61	60	58.5	56	55	53	51
KCDL150-20	45	60		75.5	74.5	73.6	72	70.4	69	67.5	65.5	63.5	61	59
KCDL150-30-2	55	75		94	92	90.5	88.4	86.4	83.8	81	80	78	75.3	72.5
KCDL150-30-1	75	100		104	102.5	100	98	96	94	92	89	87	84	80
KCDL150-30	75	100		114.4	113	111.3	109	106.5	104	101.5	99	96	93	89.4
KCDL150-40-2	75	100		133	130.3	127.6	124.6	121.7	118.3	115	112.5	110	106.3	102.5

● 외형 치수



방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

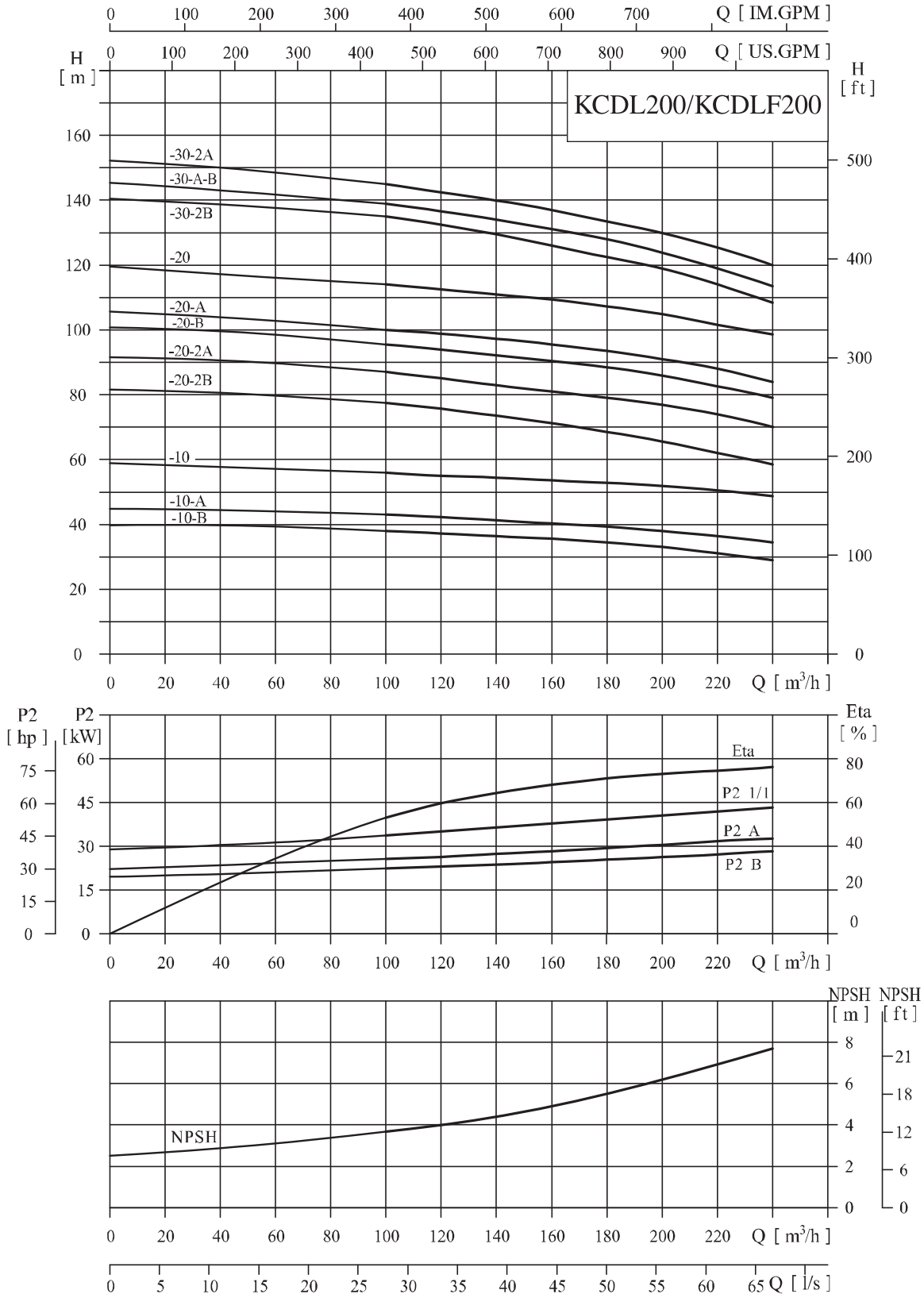
Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
KCDL150-10-1	840	500	1340	330	255	235
KCDL150-10	840	575	1415	360	285	280
KCDL150-20-2	1000	650	1650	400	310	360
KCDL150-20-1	1000	650	1650	400	310	380
KCDL150-20	1000	685	1685	460	340	435
KCDL150-30-2	1190	760	1950	510	370	545
KCDL150-30-1	1190	845	2035	580	410	665
KCDL150-30	1190	845	2035	580	410	665
KCDL150-40-2	1350	845	2195	580	410	680

KCDL/KCDLF200,60Hz

입형 다단 원심 펌프

● 성능 곡선

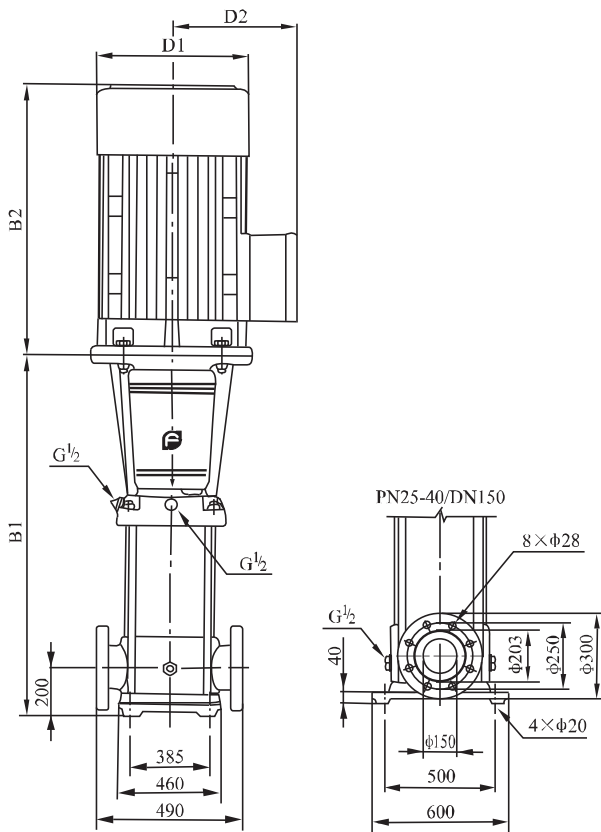
ISO9906 Annex A 3540rpm



● 성능표

Model	Driving motor		Q (m ³ /h)	100	120	140	160	180	200	220	240
	(kW)	(hp)									
KCDL200-10-B	30	40	H (m)	38	37	36.5	35.5	34	33	31	29
KCDL200-10-A	37	50		43	42	41.5	40	39	38	36.5	34.5
KCDL200-10	45	60		56	55	54.5	53.5	53	52	50.5	48.5
KCDL200-20-2B	55	75		77.5	75.5	73.5	71	68.5	66	62	58.5
KCDL200-20-2A	75	100		87	85	83	81	79	77	74	70
KCDL200-20-B	75	100		95.5	93.5	92.5	90.5	88.5	86	82.5	79
KCDL200-20-A	90	120		100	98.5	97.5	95.5	93.5	91	88	84
KCDL200-20	90	120		114	112.5	111	109.5	107.5	105	101.5	98.5
KCDL200-30-2B	110	150		135	132.5	129.5	126	122.5	119	114	108.5
KCDL200-30-A-B	110	150		139	136.5	134	131	128	124	119	113.5
KCDL200-30-2A	110	150		145	142.5	140	137	133.5	130	125.5	120

● 외형 치수



방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
KCDL200-10-B	907	650	1557	400	310	403
KCDL200-10-A	907	650	1557	400	310	426
KCDL200-10	907	685	1592	450	345	484
KCDL200-20-2B	1131	760	1891	540	370	595
KCDL200-20-2A	1131	845	1976	580	410	718
KCDL200-20-B	1131	845	1976	580	410	718
KCDL200-20-A	1131	895	2026	580	410	787
KCDL200-20	1131	895	2026	580	410	787
KCDL200-30-2B	1325	1140	2465	645	550	1158
KCDL200-30-A-B	1325	1140	2465	645	550	1158
KCDL200-30-2A	1325	1140	2465	645	550	1158

KCDLK / KCDLKF 50Hz/60Hz

침수형 다단 원심 펌프



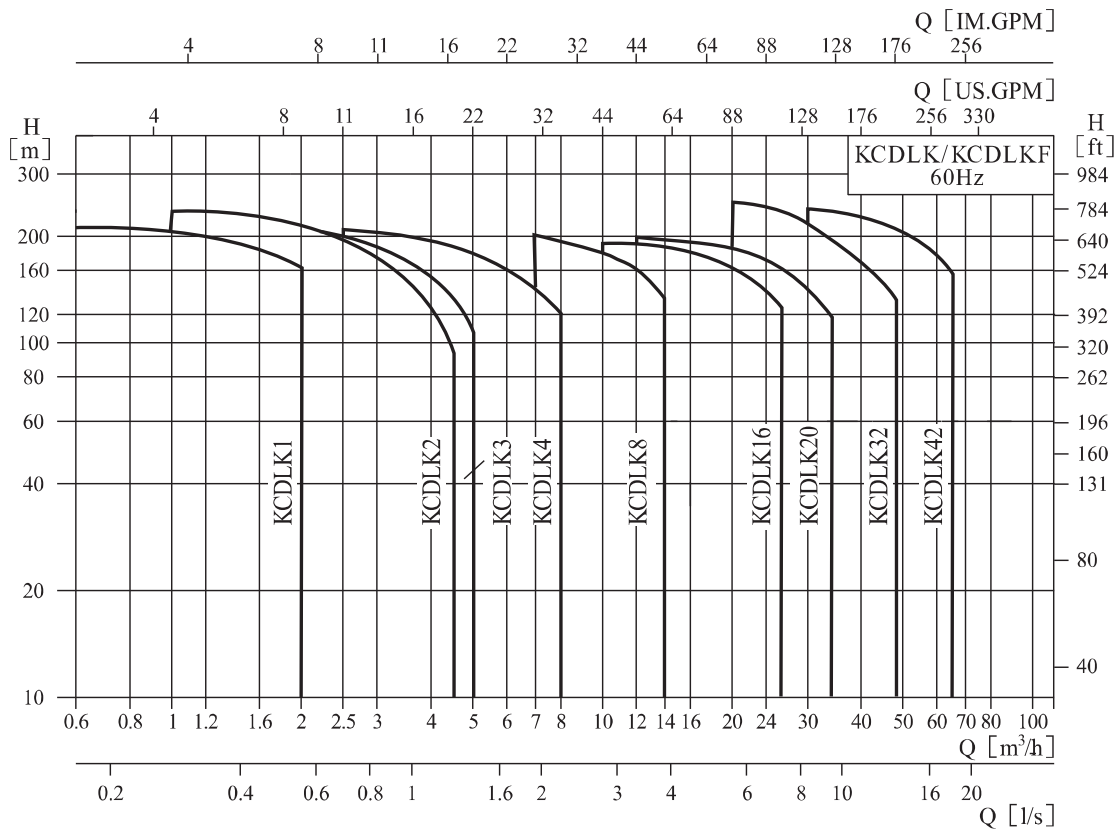
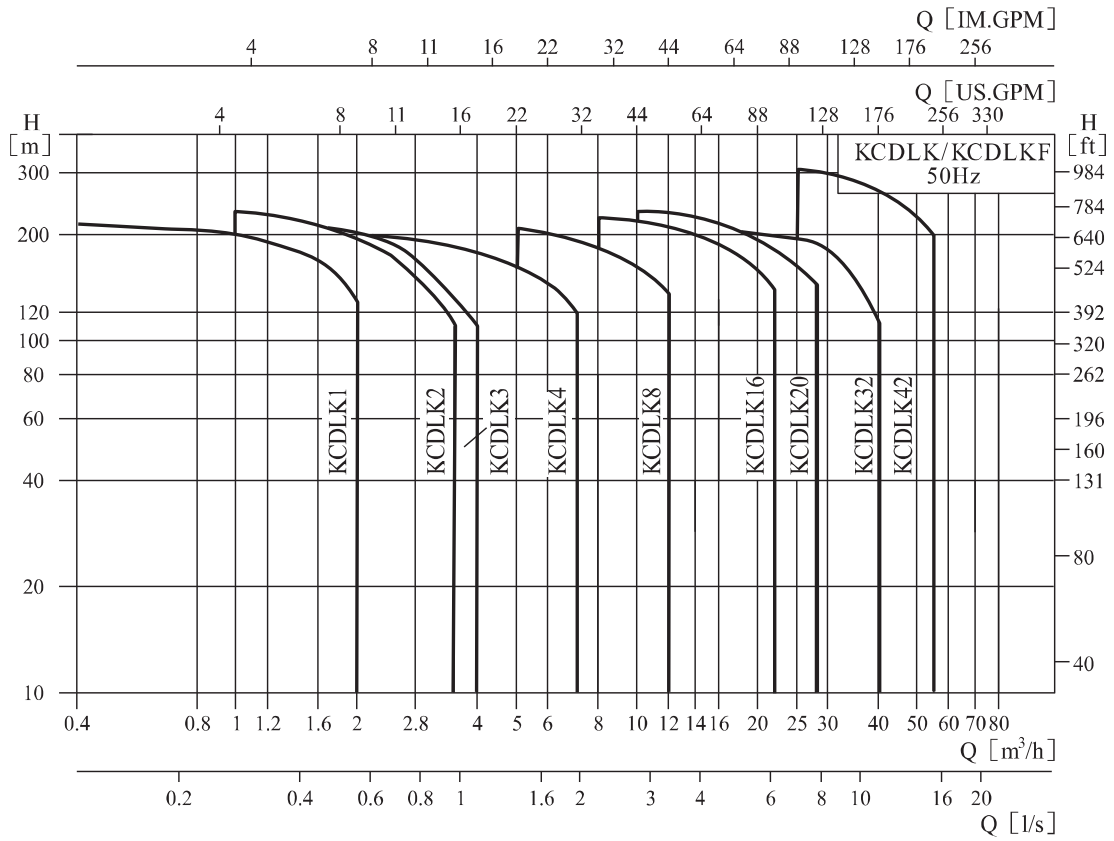
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KCDLK/KCDLKF32, 50Hz	77
KCDLK/KCDLKF42, 50Hz	79
KCDLK/KCDLKF1, 60Hz	81
KCDLK/KCDLKF2, 60Hz	83
KCDLK/KCDLKF3, 60Hz	85
KCDLK/KCDLKF4, 60Hz	87
KCDLK/KCDLKF8, 60Hz	89
KCDLK/KCDLKF16, 60Hz	91
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● 성능범위



● 제품범위

Description	KCDLK1	KCDLK2	KCDLK3	KCDLK4	KCDLK8	KCDLK16	KCDLK20	KCDLK32	KCDLK42
50Hz									
Rated flow [m ³ /h]	1	2	3	4	8	16	20	32	42
Rated flow [l/s]	0.28	0.56	0.83	1.1	2.2	4.4	5.6	8.9	11.7
Flow range [m ³ /h]	0.4~2	1~3.5	1.2~4	1.5~7	5~12	8~22	10~28	16~40	25~55
Flow range [l/s]	0.11~0.56	0.28~0.97	0.33~1.1	0.42~1.9	1.4~3.3	2.2~6.1	2.8~7.8	4.4~11.1	6.9~15.3
Max. Pressure [bar]	21	23	22	21	21	22	23	26	30
Motor Power [kW]	0.37~2.2	0.37~3	0.37~3	0.37~4	0.75~7.5	2.2~15	2.2~18.5	1.5~30	3~45
Temperature range [°C]	-15 ~ +105								
Max. Efficiency[%]	44	46	54	57	62	66	69	73	75
60Hz									
Rated flow [m ³ /h]	1	2	3	4	8	16	20	32	42
Rated flow [l/s]	0.28	0.56	0.83	1.1	2.2	4.4	5.6	8.9	11.7
Flow range [m ³ /h]	0.6~2	1~4.5	1.5~5	2.5~8	7~14	10~26	12~34	20~48	30~65
Flow range [l/s]	0.17~0.56	0.28~1.25	0.42~1.4	0.7~2.2	1.9~3.9	2.8~7.2	3.3~9.4	5.5~13.3	8.3~18
Max. Pressure [bar]	22	23.5	23	21	20	20	20	25	26
Motor power [kW]	0.37~3	0.55~4	0.37~4	0.75~5.5	1.5~11	4~18.5	4~18.5	3~30	5.5~45
Temperature range [°C]	-15 ~ +105								
Max. Efficiency[%]	44	46	54	57	62	66	69	73	75
Pipe connection									
Pipe thread	G1 1/4"	G1 1/4"	G1 1/4"	G1 1/4"	G2"	G2"	G2"		
DIN Flange								DN65	DN80

● 적용 사례

KCDLK / KCDLKF는 공장 기계의 냉각액, 윤활액 및 응축수를 운반하는 데 사용됩니다. 침식 펌프의 적용이 가능하고 다양한 온도, 유량 및 압력 범위에 적용 가능한 산업용 세척 장비 또는 기타 사례 KCDLKF는 저부식성 액체에 적용 가능

● 성능 곡선

- 모든 곡선은 50hz/60hz의 측정 값을 기준으로 합니다.
회전속도는 50HZ : 2900rpm / min, 60hz : 3500rpm / min 입니다
- 곡선의 허용 공차는 ISO9906 Annex A를 준수합니다.
- 온도 20도의 공기없는 물 및 운동 점도 1mm²/s 에서의 측정값입니다
- 펌프 적용은 너무 낮은 유량으로 인한 과열 및 너무 높은 유량 등으로 인한 모터 과부하를 방지하기 위해 고유량 라인의 성능 범위와 관련이 있습니다.

● 모터

- 모터는 전폐형, 에어 쿨링 2극 모터입니다.
- 보호등급 : IP55
- 절연등급 : F
- 표준 전압 50HZ
- 표준전압 ,60HZ,

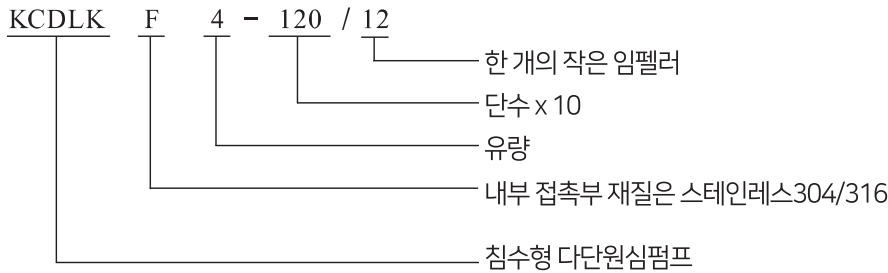
다른 전압의 모터들은 요구시에 적용 가능합니다.
단상 모터들은 0.37 - 2.2KW가 적용 가능합니다.

● 펌프

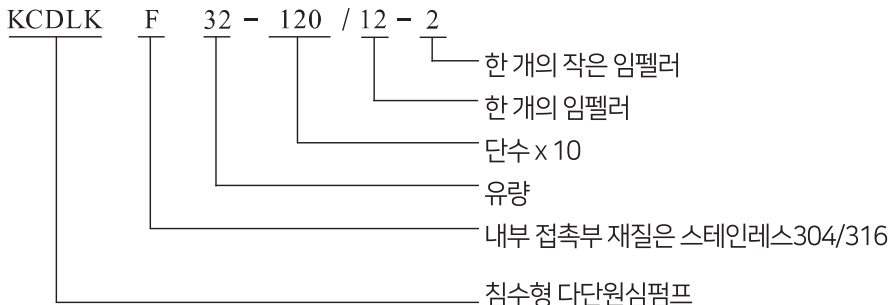
KCDLK/KCDLKF는 표준 모터와 함께 설치된 비자흡식 다단 원심 펌프입니다. 모터 샤프트는 커플 링을 통해 펌프 샤프트와 직접 연결됩니다. 펌프는 물 탱크 또는 용기의 설치 깊이에 따라 공회전, 상 부족, 과부하 등으로 부터 펌프를 보호하기 위하여 지능형 보호 장치를 장착 할 수 있으며, 펌프의 길이를 변경하기 위해 공동 몸체를 설치할 수 있습니다. 다른 단계 수의 길이는 치수 및 무게 표와 범위를 제공하는 제품 표에 나와 있습니다.

● 모델의 정의

KCDLK, KCDLKF1,2,3,4,8,16 and 20



KCDLK, KCDLKF32 and 42

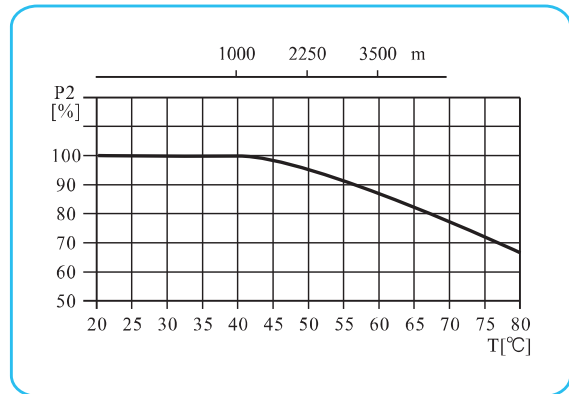


● 운전 조건

- 얇고 깨끗하며 불연성 및 비 폭발성 액체
 - 고체 과립 및 파이버를 함유하지 않는 것
- 액체 온도
정상 온도 유형 : -15°C ~ +70°C
온수 타입 : -15°C ~ +105°C

● 외부 최대 온도

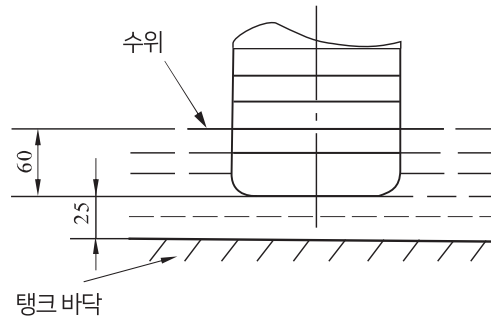
공기 밀도가 낮고 냉각 효과가 낮기 때문에 펌프가 40도 보다 높은 주변 온도 또는 1000m보다 높은 고도에서 작동하는 경우. 모터 출력 전력 p2는 어느 정도 감소합니다.
위에서 언급 한 조건에서 펌프를 작동하는 경우 더 높은 전력의 모터가 장착되어야합니다



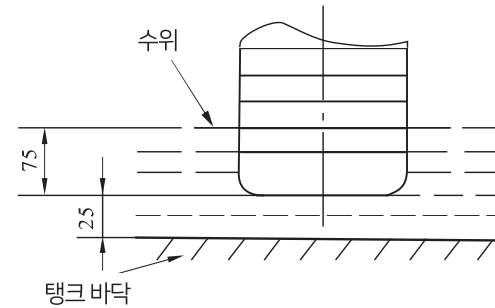
● 펌프 설치

아래 그림에 표시된 치수는 최소 설치 치수입니다.

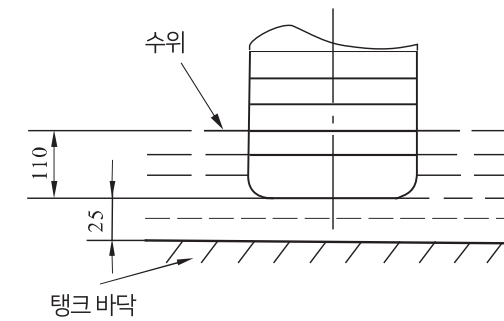
KCDLK/KCDLKF1, 2, 3, 4



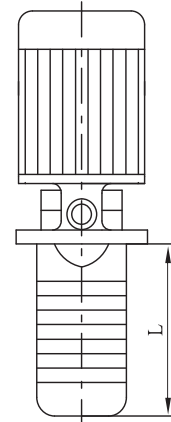
KCDLK/KCDLKF8, 16, 20



KCDLK/KCDLKF32, 42



● 외형 치수



● 사용 가능한 제품의 범위

Diagram	Stages	Number of impellers												B (mm)												
		2	3	4	5	6	7	8	9	10	11	12	13		15	17	19	21	23	25	27	30	33	36		
KCDLK1 50Hz	20	●																							123	
	30	○	●																							141
	40	○	○	●																						159
	50	○	○	○	●																					177
	60	○	○	○	○	●																				195
	70	○	○	○	○	○	●																			213
	80	○	○	○	○	○	○	●																		231
	90	○	○	○	○	○	○	○	●																	249
	100	○	○	○	○	○	○	○	○	●																267
	110	○	○	○	○	○	○	○	○	○	●															285
	120	○	○	○	○	○	○	○	○	○	○	●														303
	130	○	○	○	○	○	○	○	○	○	○	○	●													321
	150	○	○	○	○	○	○	○	○	○	○	○	○	●												357
	170	○	○	○	○	○	○	○	○	○	○	○	○	○	●											393
	190	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●										429
	210	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●									465
230	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●								501	
250	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●							537	
270	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●						573	
300	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●					627	
330	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●			681	
360	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	735	
Motor (kW)		0.37			0.55			0.75			1.1			1.5			2.2									

● Basic Type ○ Available on request

Diagram	Stages	Number of impellers												B (mm)												
		2	3	4	5	6	7	9	11	13	15	18	22		26											
KCDLK2 50Hz	20	●																							123	
	30	○	●																							141
	40	○	○	●																						159
	50	○	○	○	●																					177
	60	○	○	○	○	●																				195
	70	○	○	○	○	○	●																			213
	90	○	○	○	○	○	○	●																		249
	110	○	○	○	○	○	○	○	●																	285
	130	○	○	○	○	○	○	○	○	●																321
	150	○	○	○	○	○	○	○	○	○	●															357
	180	○	○	○	○	○	○	○	○	○	○	○	●													411
220	○	○	○	○	○	○	○	○	○	○	○	○	○	●											483	
260	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	555	
Motor (kW)		0.37			0.55			0.75			1.1			1.5			2.2			3.0						

E.g.: pump model:KCDLK2-260/5

● 사용 가능한 제품의 범위

Diagram	Stages	Number of impellers																								B (mm)
		2	3	4	5	6	7	8	9	10	11	12	13	15	17	19	21	23	25	27	29	31	33	36		
KCCLK3 50Hz	20	●																								123
	30	○	●																							141
	40	○	○	●																						159
	50	○	○	○	●																					177
	60	○	○	○	○	●																				195
	70	○	○	○	○	○	●																			213
	80	○	○	○	○	○	○	●																		231
	90	○	○	○	○	○	○	○	●																	249
	100	○	○	○	○	○	○	○	○	●																267
	110	○	○	○	○	○	○	○	○	○	●															285
	120	○	○	○	○	○	○	○	○	○	○	●														303
	130	○	○	○	○	○	○	○	○	○	○	○	●													321
	150	○	○	○	○	○	○	○	○	○	○	○	○	●												357
	170	○	○	○	○	○	○	○	○	○	○	○	○	○	●											393
	190	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●										429
	210	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●									465
	230	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●								501
	250	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●							537
	270	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●						573
290	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●				609	
310	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	645	
330	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	681	
360	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	735	

Diagram	Stages	Number of impellers																B (mm)
		2	3	4	5	6	7	8	10	12	14	16	19	22				
KCCLK4 50Hz	20	●															148	
	30	○	●														175	
	40	○	○	●													202	
	50	○	○	○	●												229	
	60	○	○	○	○	●											256	
	70	○	○	○	○	○	●										283	
	80	○	○	○	○	○	○	●									310	
	100	○	○	○	○	○	○	○	●								364	
	120	○	○	○	○	○	○	○	○	●							418	
	140	○	○	○	○	○	○	○	○	○	●						472	
	160	○	○	○	○	○	○	○	○	○	○	●					526	
	190	○	○	○	○	○	○	○	○	○	○	○	○	●			607	
	220	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	688	

Diagram	Stages	Number of impellers										B (mm)				
		2	3	4	5	6	8	10	12	14	16		18	20		
KCCLK8 50Hz	20	●														150
	30	○	●													180
	40	○	○	●												210
	50	○	○	○	●											240
	60	○	○	○	○	●										270
	80	○	○	○	○	○	●									330
	100	○	○	○	○	○	○	●								390
	120	○	○	○	○	○	○	○	●							450
	140	○	○	○	○	○	○	○	○	●						510
	160	○	○	○	○	○	○	○	○	○	●					570
	180	○	○	○	○	○	○	○	○	○	○	●				630
	200	○	○	○	○	○	○	○	○	○	○	○	○	●		690

Diagram	Stages	Number of impellers										B (mm)				
		2	3	4	5	6	7	8	10	12	14		16			
KCCLK16 50Hz	20	●													180	
	30	○	●												225	
	40	○	○	●											270	
	50	○	○	○	●										315	
	60	○	○	○	○	●									360	
	70	○	○	○	○	○	●								405	
	80	○	○	○	○	○	○	●							450	
	100	○	○	○	○	○	○	○	●						540	
	120	○	○	○	○	○	○	○	○	○	●				630	
	140	○	○	○	○	○	○	○	○	○	○	○	●		720	
	160	○	○	○	○	○	○	○	○	○	○	○	○	○	○	810

● Basic Type ○ Available on request

E.g.: pump model: KCCLK16-160/4

● 사용 가능한 제품의 범위

Diagram	Stages	Number of impellers											B (mm)		
		2	3	4	5	6	7	8	10	12	14	17			
KCCLK20 50Hz	20	●													180
	30	○	●												225
	40	○	○	●											270
	50	○	○	○	●										315
	60	○	○	○	○	●									360
	70	○	○	○	○	○	●								405
	80	○	○	○	○	○	○	●							450
	100	○	○	○	○	○	○	○	●						540
	120	○	○	○	○	○	○	○	○	●					630
	140	○	○	○	○	○	○	○	○	○	●				720
170	○	○	○	○	○	○	○	○	○	○	●			855	
Motor (kW)		2.2	4.0	5.5	7.5	11	15	18.5							

Diagram	Stages	Number of impellers														B (mm)
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	
KCCLK32 50Hz	10	●														186
	20	○	●													256
	30	○	○	●												326
	40	○	○	○	●											396
	50	○	○	○	○	●										466
	60	○	○	○	○	○	●									536
	70	○	○	○	○	○	○	●								606
	80	○	○	○	○	○	○	○	●							676
	90	○	○	○	○	○	○	○	○	●						746
	100	○	○	○	○	○	○	○	○	○	●					816
	110	○	○	○	○	○	○	○	○	○	○	●				886
	120	○	○	○	○	○	○	○	○	○	○	○	●			956
	130	○	○	○	○	○	○	○	○	○	○	○	○	●		1026
	140	○	○	○	○	○	○	○	○	○	○	○	○	○	●	1096

Diagram	Stages	Number of impellers												B (mm)	
		1	2	3	4	5	6	7	8	9	10	11	12		13
KCCLK42 50Hz	10	●													198
	20	○	●												278
	30	○	○	●											358
	40	○	○	○	●										438
	50	○	○	○	○	●									518
	60	○	○	○	○	○	●								598
	70	○	○	○	○	○	○	●							678
	80	○	○	○	○	○	○	○	●						758
	90	○	○	○	○	○	○	○	○	●					838
	100	○	○	○	○	○	○	○	○	○	●				918
	110	○	○	○	○	○	○	○	○	○	○	●			998
	120	○	○	○	○	○	○	○	○	○	○	○	●		1078
	130	○	○	○	○	○	○	○	○	○	○	○	○	●	1158

Diagram	Stages	Number of impellers																	B (mm)				
		2	3	4	5	6	7	8	9	10	11	12	13	15	17	19	21	23		25			
KCCLK1 60Hz	20	●																		123			
	30	○	●																	141			
	40	○	○	●																159			
	50	○	○	○	●															177			
	60	○	○	○	○	●														195			
	70	○	○	○	○	○	●													213			
	80	○	○	○	○	○	○	●												231			
	90	○	○	○	○	○	○	○	●											249			
	100	○	○	○	○	○	○	○	○	●										267			
	110	○	○	○	○	○	○	○	○	○	●									285			
	120	○	○	○	○	○	○	○	○	○	○	●								303			
	130	○	○	○	○	○	○	○	○	○	○	○	●							321			
	150	○	○	○	○	○	○	○	○	○	○	○	○	●						357			
	170	○	○	○	○	○	○	○	○	○	○	○	○	○	●					393			
	190	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●				429			
	210	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●			465			
	230	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●		501			
	250	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	537			
	270	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	573		
	300	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	627	
330	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	681	
360	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	735
Motor (kW)		0.37	0.55	0.75										1.1	1.5	2.2	3						

● Basic Type ○ Available on request

E.g.: pump model: KCCLK1-360/9

● 사용 가능한 제품의 범위

Diagram	Stages	Number of impellers											B (mm)					
		2	3	4	5	6	7	9	11	13	15	18						
KCDLK2 60Hz	Number of cavities × 10	20	●															123
		30	○	●														141
		40	○	○	●													159
		50	○	○	○	●												177
		60	○	○	○	○	●											195
		70	○	○	○	○	○	●										213
		90	○	○	○	○	○	○	●									249
		110	○	○	○	○	○	○	○	●								285
		130	○	○	○	○	○	○	○	○	●							321
		150	○	○	○	○	○	○	○	○	○	●						357
180	○	○	○	○	○	○	○	○	○	○	○	●				411		
220	○	○	○	○	○	○	○	○	○	○	○	○	○	●		483		
260	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	555	
Motor (kW)		0.55	0.75		1.1		1.5		2.2		3.0		4.0					

Diagram	Stages	Number of impellers																		B (mm)			
		2	3	4	5	6	7	8	9	10	11	12	13	15	17	19	21	23	25				
KCDLK3 60Hz	Number of cavities × 10	20	●																		123		
		30	○	●																		141	
		40	○	○	●																	159	
		50	○	○	○	●																177	
		60	○	○	○	○	●															195	
		70	○	○	○	○	○	●														213	
		80	○	○	○	○	○	○	●													231	
		90	○	○	○	○	○	○	○	○	●											249	
		100	○	○	○	○	○	○	○	○	○	○	●									267	
		110	○	○	○	○	○	○	○	○	○	○	○	○	●							285	
		120	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●					303	
		130	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	321
		150	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	357
		170	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	393
		190	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	429
		210	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	465
		230	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	501
		250	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	537
		270	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	573
		290	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	609
310	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	645		
330	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	681		
360	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	735		
Motor (kW)		0.37	0.55	0.75		1.1		1.5		2.2		3		4									

Diagram	Stages	Number of impellers										B (mm)					
		2	3	4	5	6	7	8	10	12	14		16				
KCDLK4 60Hz	Number of cavities × 10	20	●														148
		30	○	●													175
		40	○	○	●												202
		50	○	○	○	●											229
		60	○	○	○	○	●										256
		70	○	○	○	○	○	●									283
		80	○	○	○	○	○	○	○	●							310
		100	○	○	○	○	○	○	○	○	○	○	○	○	○	○	364
		120	○	○	○	○	○	○	○	○	○	○	○	○	○	○	418
		140	○	○	○	○	○	○	○	○	○	○	○	○	○	○	472
160	○	○	○	○	○	○	○	○	○	○	○	○	○	○	526		
190	○	○	○	○	○	○	○	○	○	○	○	○	○	○	607		
220	○	○	○	○	○	○	○	○	○	○	○	○	○	○	688		
Motor (kW)		0.75	1.1	1.5	2.2		3.0		4.0		5.5						

Diagram	Stages	Number of impellers								B (mm)					
		2	3	4	5	6	8	10	12		14				
KCDLK8 60Hz	Number of cavities × 10	20	●												150
		30	○	●											180
		40	○	○	●										210
		50	○	○	○	●									240
		60	○	○	○	○	●								270
		80	○	○	○	○	○	○	○	○	○	○	○	○	330
		100	○	○	○	○	○	○	○	○	○	○	○	○	390
		120	○	○	○	○	○	○	○	○	○	○	○	○	450
		140	○	○	○	○	○	○	○	○	○	○	○	○	510
		160	○	○	○	○	○	○	○	○	○	○	○	○	570
180	○	○	○	○	○	○	○	○	○	○	○	○	630		
200	○	○	○	○	○	○	○	○	○	○	○	○	690		
Motor (kW)		1.5	2.2		3.0		4.0	5.5	7.5		11				

● Basic Type ○ Available on request

E.g.: pump model: KCDLK8-200/5

● 사용 가능한 제품의 범위

Diagram	Stages	Number of impellers								B (mm)
		2	3	4	5	6	7	8	10	
KCDLK16 60Hz	20	●								180
	30	○	●							225
	40	○	○	●						270
	50	○	○	○	●					315
	60	○	○	○	○	●				360
	70	○	○	○	○	○	●			405
	80	○	○	○	○	○	○	●		450
	100	○	○	○	○	○	○	○	●	540
	120	○	○	○	○	○	○	○	●	630
	140	○	○	○	○	○	○	○	●	720
160	○	○	○	○	○	○	○	●	810	
Motor (kW)		4	5.5	7.5	11	15	18.5			

Diagram	Stages	Number of impellers								B (mm)
		2	3	4	5	6	7	8	10	
KCDLK20 60Hz	20	●								180
	30	○	●							225
	40	○	○	●						270
	50	○	○	○	●					315
	60	○	○	○	○	●				360
	70	○	○	○	○	○	●			405
	80	○	○	○	○	○	○	●		450
	100	○	○	○	○	○	○	○	●	540
	120	○	○	○	○	○	○	○	●	630
	140	○	○	○	○	○	○	○	●	720
170	○	○	○	○	○	○	○	○	●	855
Motor (kW)		4.0	5.5	7.5	11	15	18.5			

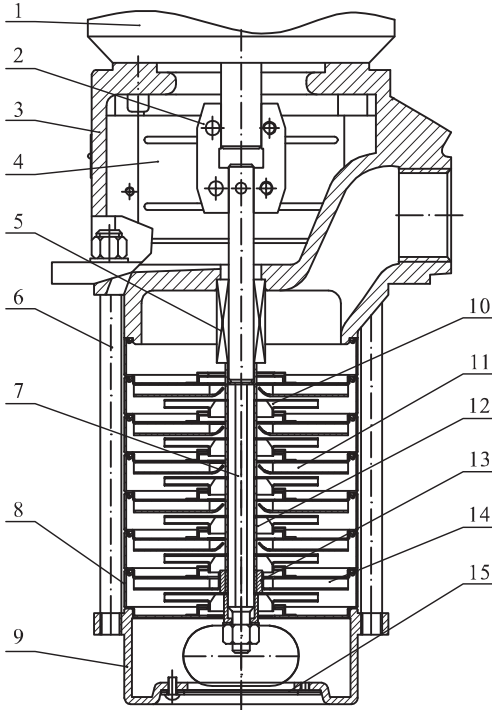
Diagram	Stages	Number of impellers										B (mm)			
		1	2	3	4	5	6	7	8	9	10				
KCDLK32 60Hz	10	●											186		
	20	○	●										256		
	30	○	○	●									326		
	40	○	○	○	●								396		
	50	○	○	○	○	●							466		
	60	○	○	○	○	○	●						536		
	70	○	○	○	○	○	○	●					606		
	80	○	○	○	○	○	○	○	●				676		
	90	○	○	○	○	○	○	○	○	●			746		
	100	○	○	○	○	○	○	○	○	○	●		816		
	110	○	○	○	○	○	○	○	○	○	○	●	886		
	120	○	○	○	○	○	○	○	○	○	○	○	●	956	
	130	○	○	○	○	○	○	○	○	○	○	○	○	●	1026
	140	○	○	○	○	○	○	○	○	○	○	○	○	○	●

Diagram	Stages	Number of impellers							B (mm)							
		1	2	3	4	5	6	7								
KCDLK42 60Hz	10	●							198							
	20	○	●						278							
	30	○	○	●					358							
	40	○	○	○	●				438							
	50	○	○	○	○	●			518							
	60	○	○	○	○	○	●		598							
	70	○	○	○	○	○	○	●	678							
	80	○	○	○	○	○	○	○	●	758						
	90	○	○	○	○	○	○	○	○	●	838					
	100	○	○	○	○	○	○	○	○	○	●	918				
	110	○	○	○	○	○	○	○	○	○	○	●	998			
	120	○	○	○	○	○	○	○	○	○	○	○	●	1078		
	130	○	○	○	○	○	○	○	○	○	○	○	○	○	●	1158

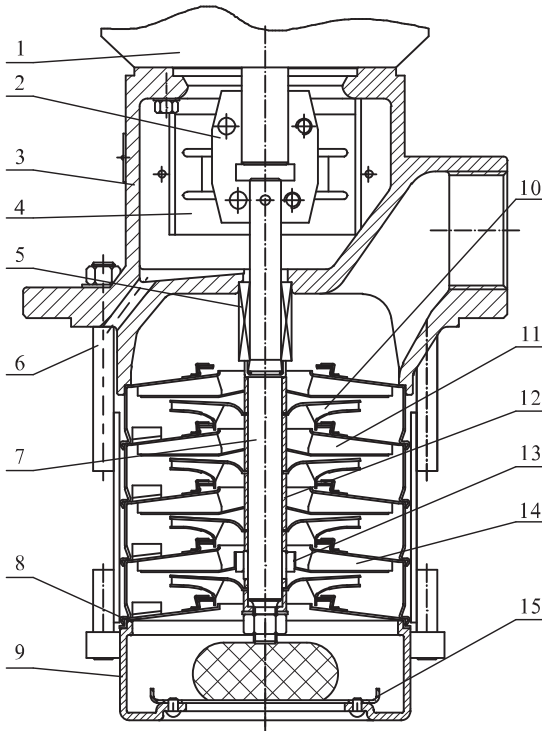
● Basic Type ○ Available on request

E.g.: pump model: KCDLK42-130-3

Section drawing KCDLK/KCDLKF1,2,3,4



Section drawing KCDLK/KCDLKF8,16,20



재질

NO.	Name	Material	AISI/ASTM
1	Motor		
2	Coupling	Carbon steel	
4	Coupling guard	Stainless steel	AISI304
5	Mechanical seal		
6	Straps	Stainless steel	AISI304
7	Shaft	Stainless steel	AISI316
8	Inducer	Stainless steel	AISI304
9	Suction head	Stainless steel	AISI304
10	Impeller	Stainless steel	AISI304
11	Diffuser	Stainless steel	AISI304
12	Impeller sleeve	Stainless steel	AISI304
13	Bearing	Tungsten carbide	
14	Support diffuser	Stainless steel	AISI304
15	Strainer	Stainless steel	AISI304

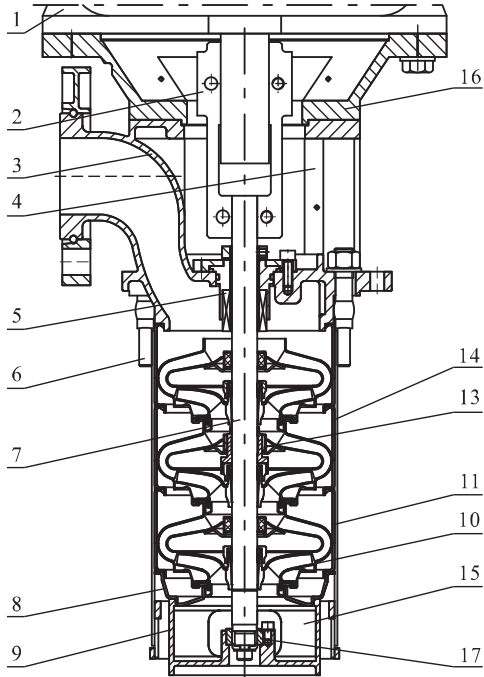
KCDLK

3	Pump head	Cast iron	ASTM25B
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KCDLKF

3	Pump head	Stainless steel	AISI304
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● Section drawing
KCDLK/KCDLKF32,42



● 재질

NO.	Name	Material	AISI/ASTM
1	Motor		
2	Coupling	Carbon steel	
4	Coupling guard	Stainless steel	AISI304
5	Mechanical seal		
6	Straps	Stainless steel	AISI304
7	Shaft	Stainless steel	AISI316 AISI304 AISI431
8	Inducer	Stainless steel	AISI304
9	Suction head	Stainless steel	AISI304
10	Impeller	Stainless steel	AISI304
11	Diffuser	Stainless steel	AISI304
13	Bearing	Tungsten carbide	
14	Support diffuser	Stainless steel	AISI304
15	Strainer	Stainless steel	AISI304
16	Crossover flange	Cast iron	ASTM25B
17	Bottom bearing	Tungsten carbide	

KCDLK

3	Pump head	Cast iron	ASTM25B
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KCDLKF

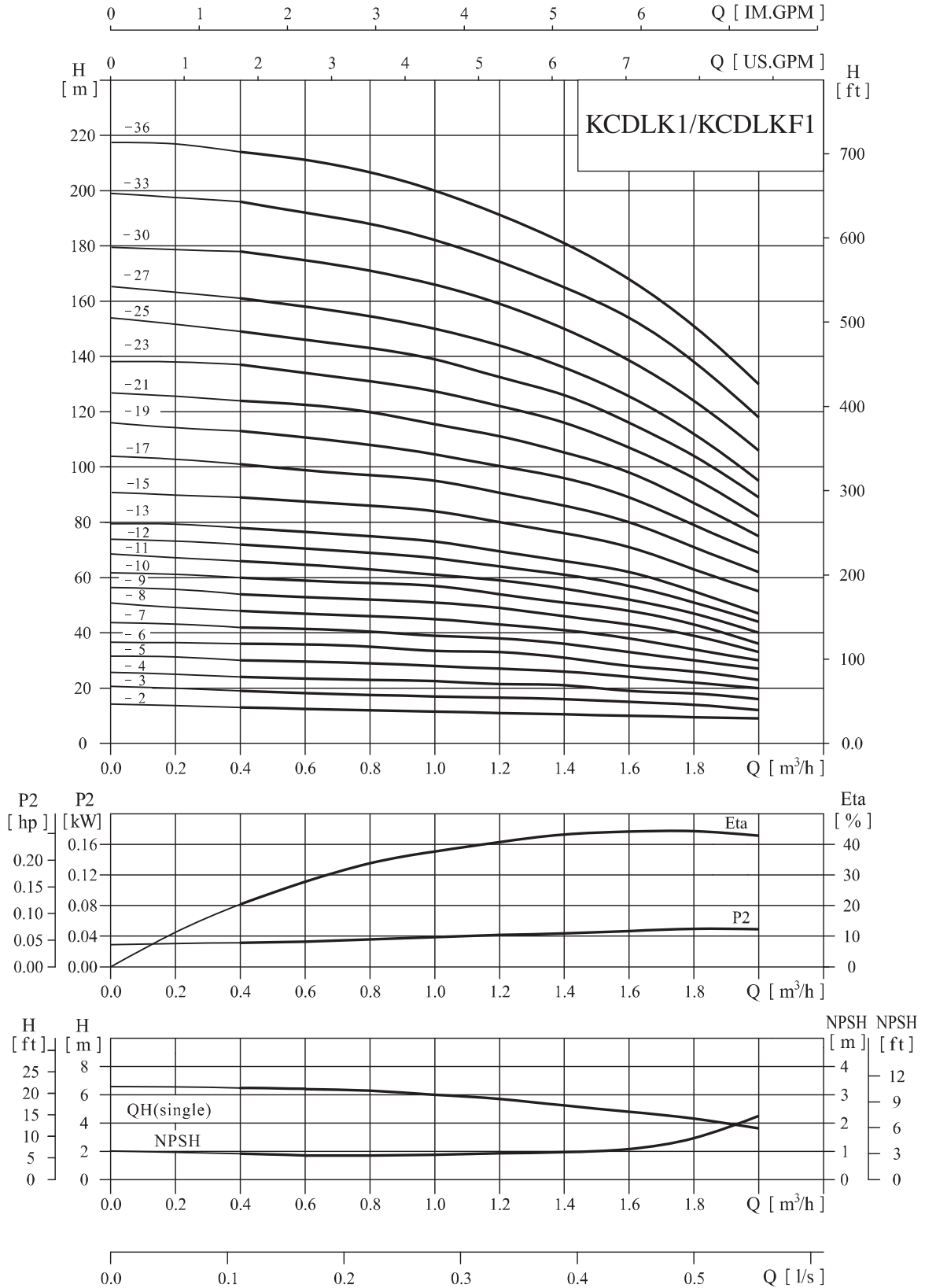
3	Pump head	Stainless steel	AISI304
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KCDLK/KCDLK1,50Hz

침수형 다단 원심 펌프

● 성능 곡선

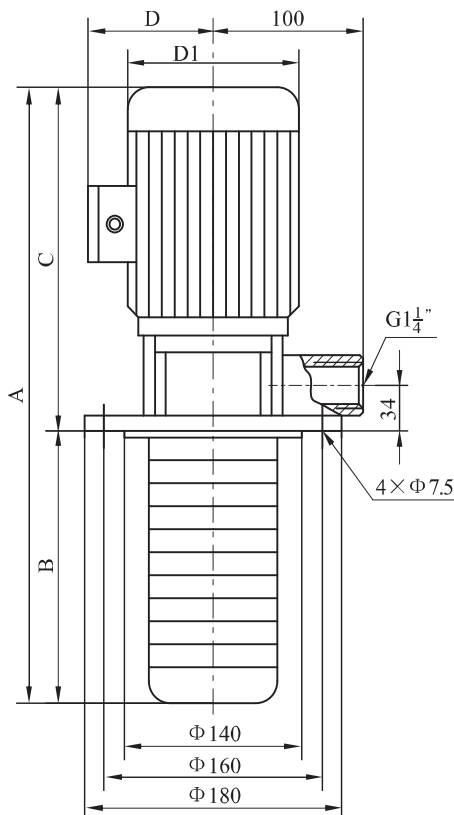
ISO9906 Annex A



● 성능표

Model	Driving motor		Q (m ³ /h)	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0
	(kW)	(hp)										
KCDLK1-20/2	0.37	0.5	H (m)	13	12.5	12	11.5	11	10.5	10	9.5	9
KCDLK1-30/3	0.37	0.5		19	18	17.5	17	16.5	16	15	14	12
KCDLK1-40/4	0.37	0.5		24	23.5	23	22.5	21.5	21	19	18	16
KCDLK1-50/5	0.37	0.5		30	29.6	29	28	27	26	24	22	20
KCDLK1-60/6	0.37	0.5		36	35.5	35	33.5	33	31	28	26	23
KCDLK1-70/7	0.37	0.5		42	41	40.5	39	38	36	33	30	27
KCDLK1-80/8	0.55	0.75		48	47	46	45	43	41	38	34	30
KCDLK1-90/9	0.55	0.75		54	53	52	51	49	46	43	39	33
KCDLK1-100/10	0.55	0.75		60	59	58	57	54	51	48	43	36
KCDLK1-110/11	0.55	0.75		66	65	63	61	59	56	52	47	40
KCDLK1-120/12	0.75	1		72	71	69	67	64	61	57	51	44
KCDLK1-130/13	0.75	1		78	77	75	73	69	66	62	55	47
KCDLK1-150/15	0.75	1		89	88	86	84	79	76	71	63	55
KCDLK1-170/17	1.1	1.5		101	99	97	95	89	86	80	71	62
KCDLK1-190/19	1.1	1.5		113	110	108	106	99	96	89	79	69
KCDLK1-210/21	1.1	1.5		124	122	120	117	110	106	98	87	75
KCDLK1-230/23	1.1	1.5		137	133	131	128	121	116	107	96	82
KCDLK1-250/25	1.5	2		149	145	143	139	131	126	116	104	89
KCDLK1-270/27	1.5	2		161	157	155	150	141	136	125	112	95
KCDLK1-300/30	1.5	2		178	175	171	166	157	150	139	124	106
KCDLK1-330/33	2.2	3	196	192	188	183	173	165	154	137	118	
KCDLK1-360/36	2.2	3	214	210	205	200	190	181	169	151	130	

● 외형 치수



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● 사이즈, 중량

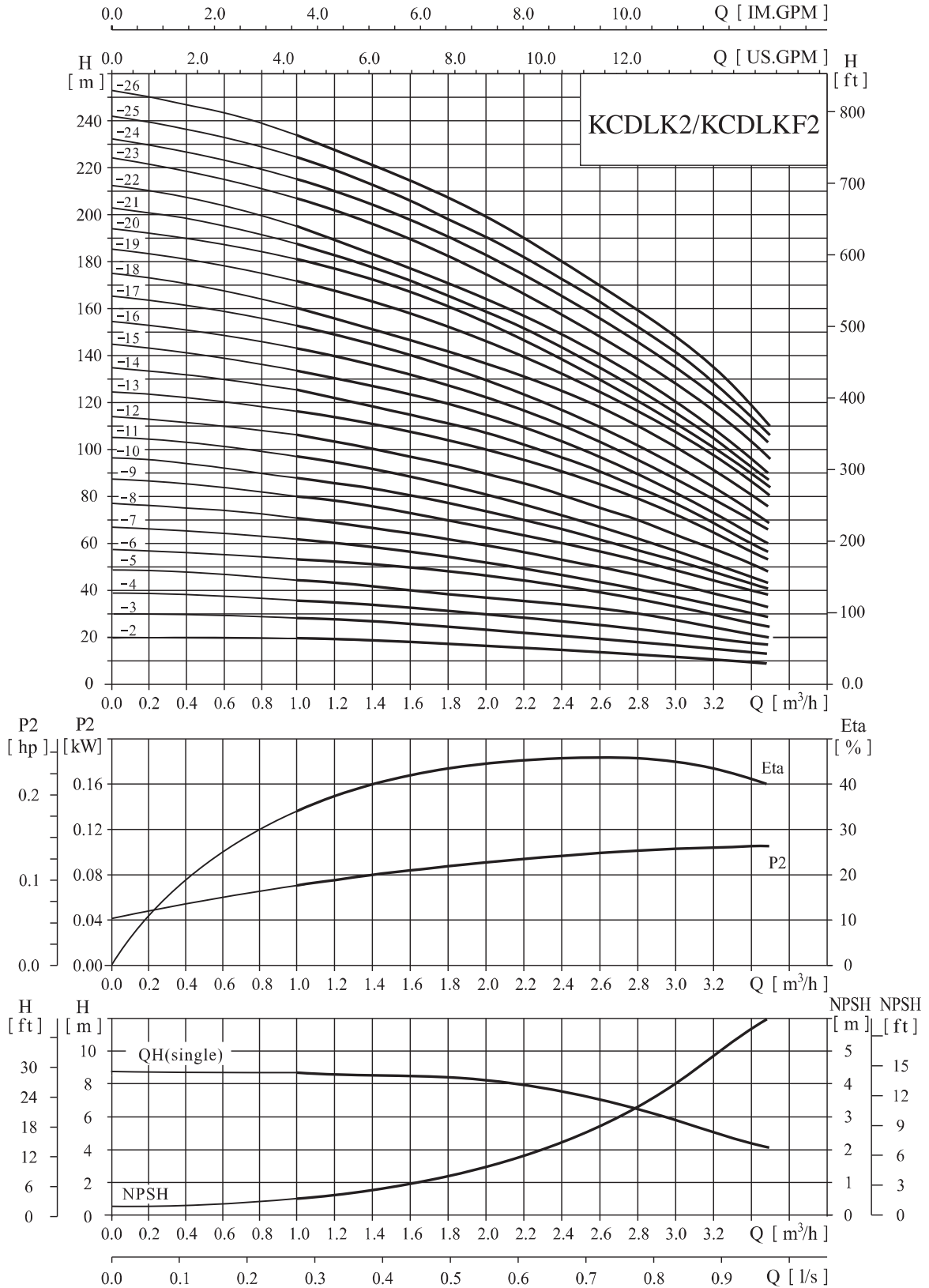
Model	Size (mm)					Weight (kg)
	A	B	C	D	D1	
KCDLK1-20/2	453	123	330	117	148	15
KCDLK1-30/3	471	141	330	117	148	15
KCDLK1-40/4	489	159	330	117	148	15
KCDLK1-50/5	507	177	330	117	148	16
KCDLK1-60/6	525	195	330	117	148	16
KCDLK1-70/7	543	213	330	117	148	16
KCDLK1-80/8	561	231	330	117	148	17
KCDLK1-90/9	579	249	330	117	148	17
KCDLK1-100/10	597	267	330	117	148	17
KCDLK1-110/11	615	285	330	117	148	17
KCDLK1-120/12	661	303	358	142	170	20
KCDLK1-130/13	679	321	358	142	170	20
KCDLK1-150/15	715	357	358	142	170	20
KCDLK1-170/17	751	393	358	142	170	22
KCDLK1-190/19	787	429	358	142	170	22
KCDLK1-210/21	823	465	358	142	170	23
KCDLK1-230/23	859	501	358	142	170	23
KCDLK1-250/25	950	537	413	155	190	30
KCDLK1-270/27	986	573	413	155	190	30
KCDLK1-300/30	1040	627	413	155	190	31
KCDLK1-330/33	1094	681	413	155	190	34
KCDLK1-360/36	1148	735	413	155	190	35

KCDLK/KCDLK2,50Hz

침수형 다단 원심 펌프

● 성능 곡선

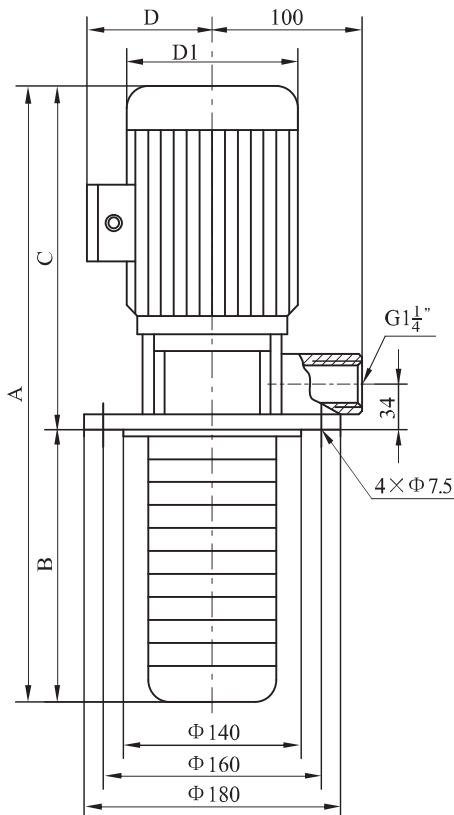
ISO9906 Annex A



● 성능표

Model	Driving motor		Q (m ³ /h)	1.0	1.2	1.6	2.0	2.4	2.8	3.2	3.5
	(kW)	(hp)									
KCDLK2-20/2	0.37	0.5	H (m)	18	17	16	15	13	12	10	8
KCDLK2-30/3	0.37	0.5		27	26	24	22	20	18	15	12
KCDLK2-40/4	0.55	0.75		36	35	33	30	26	24	20	16
KCDLK2-50/5	0.55	0.75		45	43	40	37	33	30	24	20
KCDLK2-60/6	0.75	1		53	52	50	45	40	36	30	24
KCDLK2-70/7	0.75	1		63	61	57	52	47	41	35	28
KCDLK2-90/9	1.1	1.5		80	78	73	67	61	54	45	37
KCDLK2-110/11	1.1	1.5		98	95	89	82	73	64	54	44
KCDLK2-130/13	1.5	2		116	114	106	98	89	78	65	52
KCDLK2-150/15	1.5	2		134	130	123	112	100	90	73	60
KCDLK2-180/18	2.2	3		161	157	148	136	121	108	91	76
KCDLK2-220/22	2.2	3		197	192	180	165	148	130	110	90
KCDLK2-260/26	3.0	4		232	228	214	198	179	158	130	110

● 외형 치수



단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

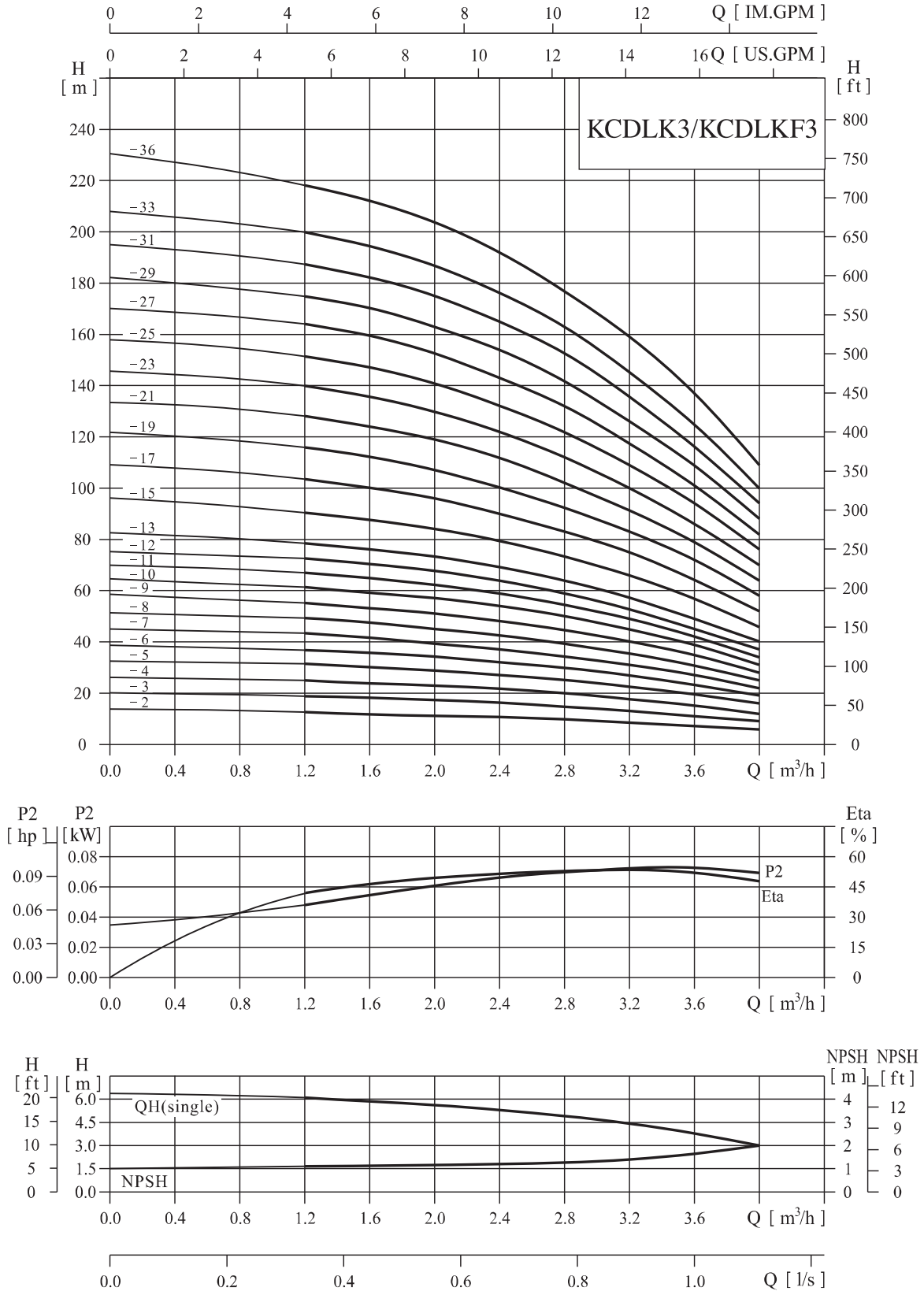
Model	Size (mm)					Weight (kg)
	A	B	C	D	D1	
KCDLK2-20/2	453	123	330	117	148	15
KCDLK2-30/3	471	141	330	117	148	15
KCDLK2-40/4	489	159	330	117	148	17
KCDLK2-50/5	507	177	330	117	148	17
KCDLK2-60/6	553	195	358	142	170	20
KCDLK2-70/7	571	213	358	142	170	20
KCDLK2-90/9	607	249	358	142	170	22
KCDLK2-110/11	643	285	358	142	170	22
KCDLK2-130/13	734	321	413	155	190	29
KCDLK2-150/15	770	357	413	155	190	29
KCDLK2-180/18	824	411	413	155	190	33
KCDLK2-220/22	896	483	413	155	190	33
KCDLK2-260/26	1033	555	478	165	197	41

KCDLK/KCDLK3,50Hz

침수형 다단 원심 펌프

● 성능 곡선

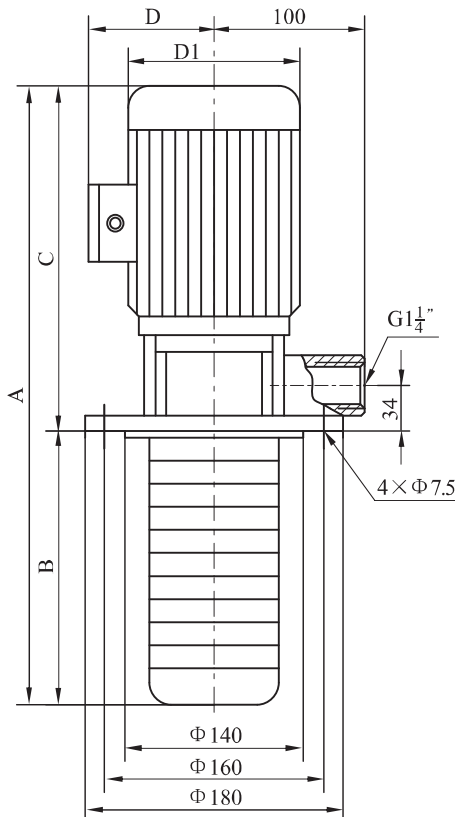
ISO9906 Annex A



● 성능표

Model	Driving motor		Q (m ³ /h)	1.2	1.6	2.0	2.4	2.8	3.0	3.2	3.6	4.0
	(kW)	(hp)										
KCDLK3-20/2	0.37	0.5	H (m)	12.5	11.5	11	10.5	10	9	8	7	6
KCDLK3-30/3	0.37	0.5		19	18.5	17.5	16.5	15	14	13	11	9
KCDLK3-40/4	0.37	0.5		25	24	23	21.5	20	19	18	15	12
KCDLK3-50/5	0.37	0.5		31	30	29	27	25	23	22	19	16
KCDLK3-60/6	0.55	0.75		36	35	34	32	30	28	27	23	19
KCDLK3-70/7	0.55	0.75		43	41	39	37	34	32	31	27	22
KCDLK3-80/8	0.75	1		49	47	45	43	39	37	35	31	25
KCDLK3-90/9	0.75	1		55	53	51	48	45	42	40	35	28
KCDLK3-100/10	0.75	1		61	59	57	54	50	47	45	39	31
KCDLK3-110/11	1.1	1.5		67	64	61	58	54	51	49	42	34
KCDLK3-120/12	1.1	1.5		73	70	67	63	58	55	52	45	37
KCDLK3-130/13	1.1	1.5		78	76	73	69	64	60	57	49	40
KCDLK3-150/15	1.1	1.5		90	88	84	79	73	69	66	57	46
KCDLK3-170/17	1.5	2		103	100	96	90	83	79	75	64	52
KCDLK3-190/19	1.5	2		115	112	107	100	92	88	83	72	58
KCDLK3-210/21	2.2	3		128	124	119	112	102	98	91	79	64
KCDLK3-230/23	2.2	3		140	135	130	122	112	107	100	86	70
KCDLK3-250/25	2.2	3		151	147	141	131	122	116	109	94	76
KCDLK3-270/27	2.2	3		164	159	152	143	132	124	117	101	82
KCDLK3-290/29	2.2	3		175	170	163	153	142	133	126	109	88
KCDLK3-310/31	3.0	4	187	182	175	165	153	142	135	116	94	
KCDLK3-330/33	3.0	4	199	194	187	176	163	151	145	125	100	
KCDLK3-360/36	3.0	4	218	212	204	192	178	168	159	137	109	

● 외형 치수



단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

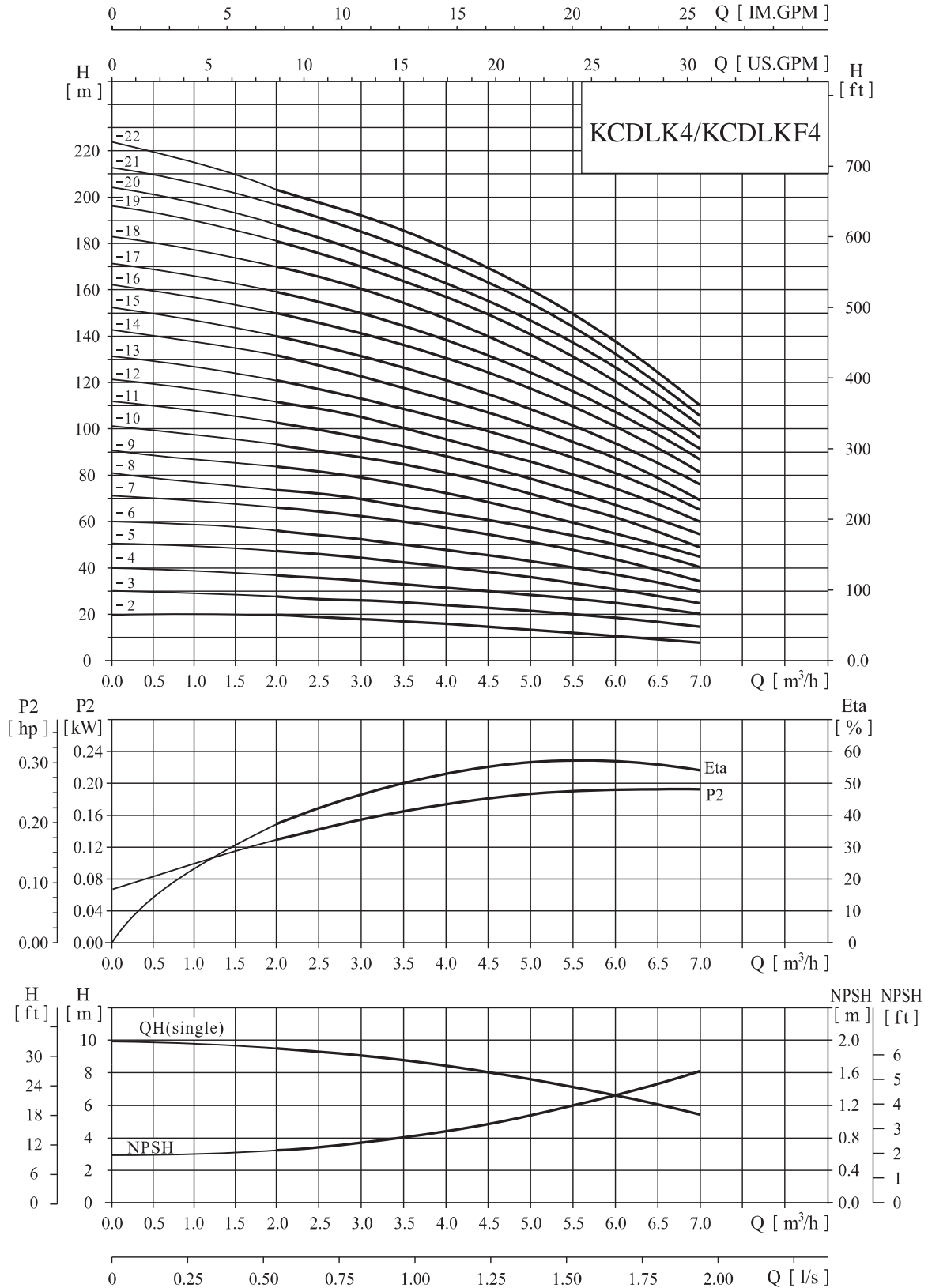
Model	Size (mm)					Weight (kg)
	A	B	C	D	D1	
KCDLK3-20/2	453	123	330	117	148	15
KCDLK3-30/3	471	141	330	117	148	15
KCDLK3-40/4	489	159	330	117	148	15
KCDLK3-50/5	507	177	330	117	148	16
KCDLK3-60/6	525	195	330	117	148	17
KCDLK3-70/7	543	213	330	117	148	17
KCDLK3-80/8	589	231	358	142	170	19
KCDLK3-90/9	607	249	358	142	170	20
KCDLK3-100/10	625	267	358	142	170	20
KCDLK3-110/11	643	285	358	142	170	21
KCDLK3-120/12	661	303	358	142	170	21
KCDLK3-130/13	679	321	358	142	170	22
KCDLK3-150/15	715	357	358	142	170	22
KCDLK3-170/17	806	393	413	155	190	28
KCDLK3-190/19	842	429	413	155	190	29
KCDLK3-210/21	878	465	413	155	190	32
KCDLK3-230/23	914	501	413	155	190	32
KCDLK3-250/25	950	537	413	155	190	33
KCDLK3-270/27	986	573	413	155	190	33
KCDLK3-290/29	1022	609	413	155	190	33
KCDLK3-310/31	1123	645	478	165	197	40
KCDLK3-330/33	1159	681	478	165	197	41
KCDLK3-360/36	1213	735	478	165	197	41

KCDLK/KCDLK4,50Hz

침수형 다단 원심 펌프

● 성능 곡선

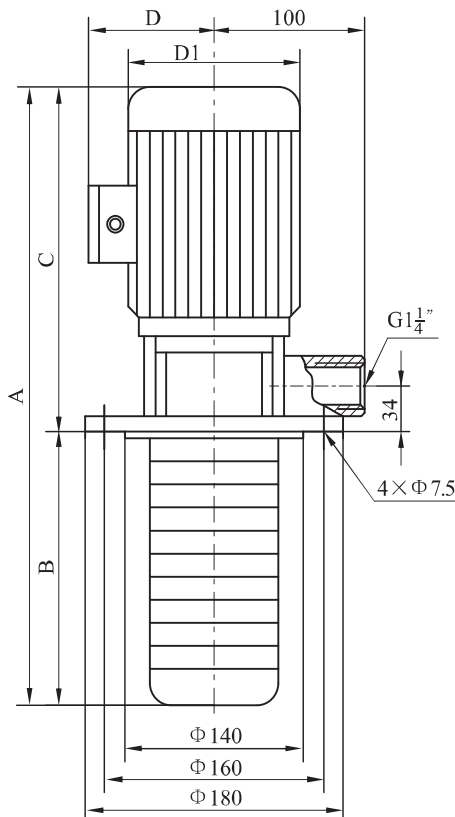
ISO9906 Annex A



● 성능표

Model	Driving motor		Q (m ³ /h)	1.5	2.0	3.0	4.0	5.0	6.0	7.0
	(kW)	(hp)								
KCDLK4-20/2	0.37	0.5	H (m)	19	18	17	15	13	12	8
KCDLK4-30/3	0.55	0.75		28	27	26	24	20	18	13
KCDLK4-40/4	0.75	1		38	36	34	32	27	24	19
KCDLK4-50/5	1.1	1.5		47	45	43	40	34	31	23
KCDLK4-60/6	1.1	1.5		56	54	52	48	41	37	28
KCDLK4-70/7	1.5	2		66	63	61	56	48	43	33
KCDLK4-80/8	1.5	2		74	72	70	64	55	50	38
KCDLK4-100/10	2.2	3		96	90	87	81	71	62	48
KCDLK4-120/12	2.2	3		114	108	104	95	85	75	58
KCDLK4-140/14	3.0	4		136	126	122	112	101	89	68
KCDLK4-160/16	3.0	4		152	144	140	129	115	101	78
KCDLK4-190/19	4.0	5.5		183	171	168	153	137	122	93
KCDLK4-220/22	4.0	5.5		211	200	192	178	160	138	108

● 외형 치수



단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

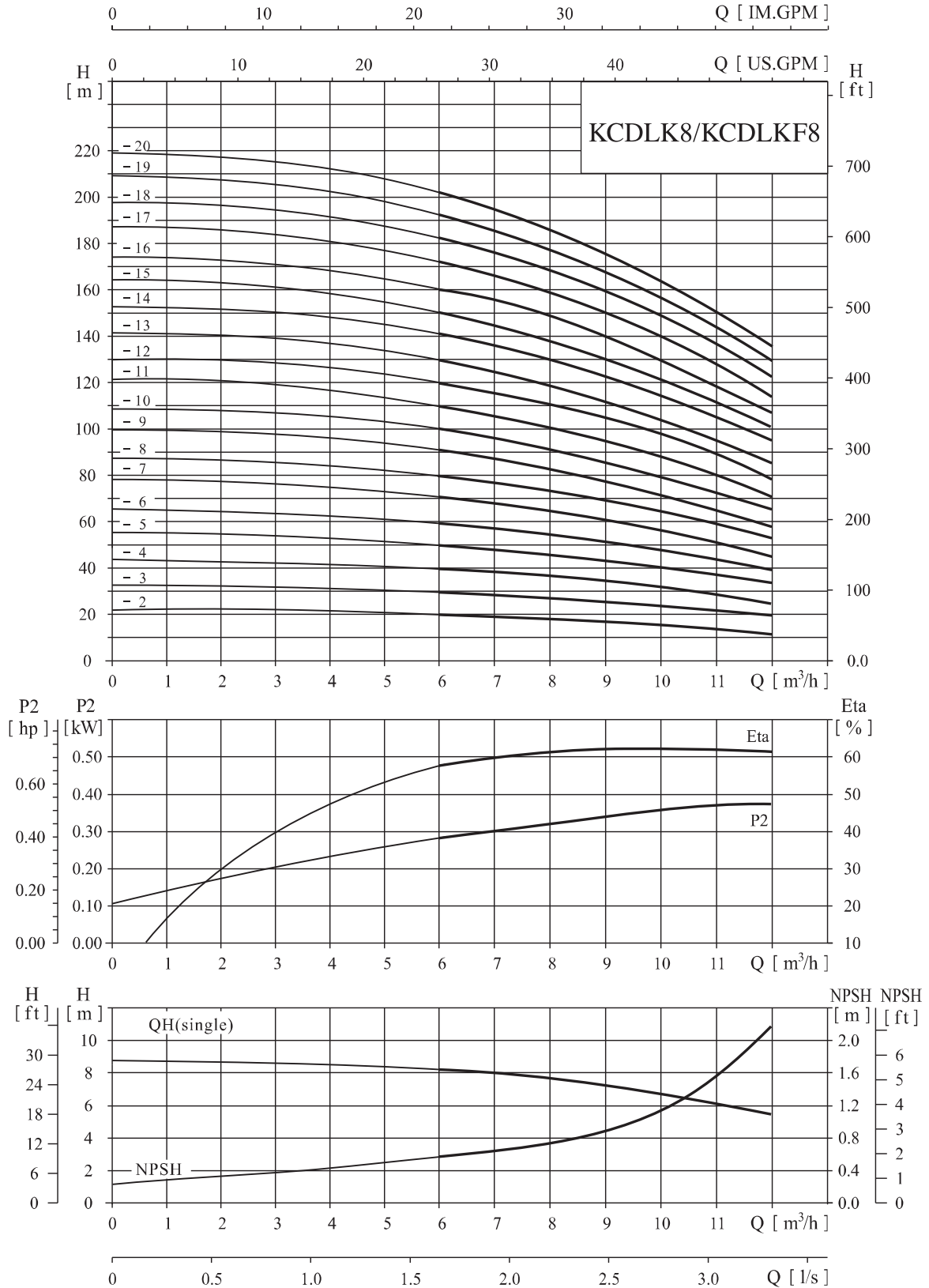
Model	Size (mm)					Weight (kg)
	A	B	C	D	D1	
KCDLK4-20/2	478	148	330	117	148	15
KCDLK4-30/3	505	175	330	117	148	15
KCDLK4-40/4	560	202	358	142	170	18
KCDLK4-50/5	587	229	358	142	170	20
KCDLK4-60/6	614	256	358	142	170	21
KCDLK4-70/7	696	283	413	155	190	27
KCDLK4-80/8	723	310	413	155	190	28
KCDLK4-100/10	777	364	413	155	190	30
KCDLK4-120/12	831	418	413	155	190	30
KCDLK4-140/14	950	472	478	165	197	35
KCDLK4-160/16	1004	526	478	165	197	35
KCDLK4-190/19	1095	607	488	185	230	40
KCDLK4-220/22	1176	688	488	185	230	41

KCDLK/KCDLK8,50Hz

침수형 다단 원심 펌프

● 성능 곡선

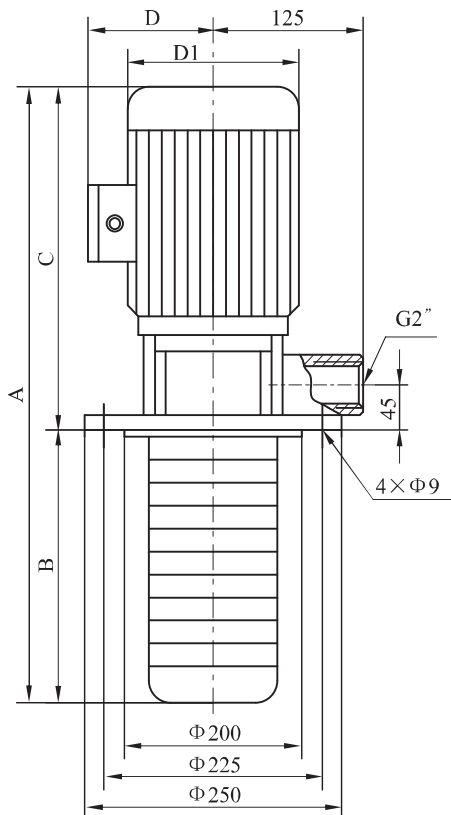
ISO9906 Annex A



● 성능표

Model	Driving motor		Q (m ³ /h)	5	6	7	8	9	10	11	12
	(kW)	(hp)									
KCDLK8-20/2	0.75	1	H (m)	20	19.5	19	18	17	16	14	13
KCDLK8-30/3	1.1	1.5		30	29.5	28.5	27	25	24	21	19
KCDLK8-40/4	1.5	2		41	39.5	38	36	34	32	28	26
KCDLK8-50/5	2.2	3		52	50	48	45	42	40	36	32
KCDLK8-60/6	2.2	3		62	60	57	54	51	48	43	39
KCDLK8-80/8	3.0	4		83	80	77	73	69	65	58	52
KCDLK8-100/10	4.0	5.5		104	100	97	92	87	81	73	65
KCDLK8-120/12	4.0	5.5		124	120	116	111	104	92	87	78
KCDLK8-140/14	5.5	7.5		145	141	136	130	122	113	102	92
KCDLK8-160/16	5.5	7.5		166	161	156	148	139	130	118	106
KCDLK8-180/18	7.5	10		187	182	175	167	157	146	134	120
KCDLK8-200/20	7.5	10		208	202	195	186	175	163	150	135

● 외형 치수



단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

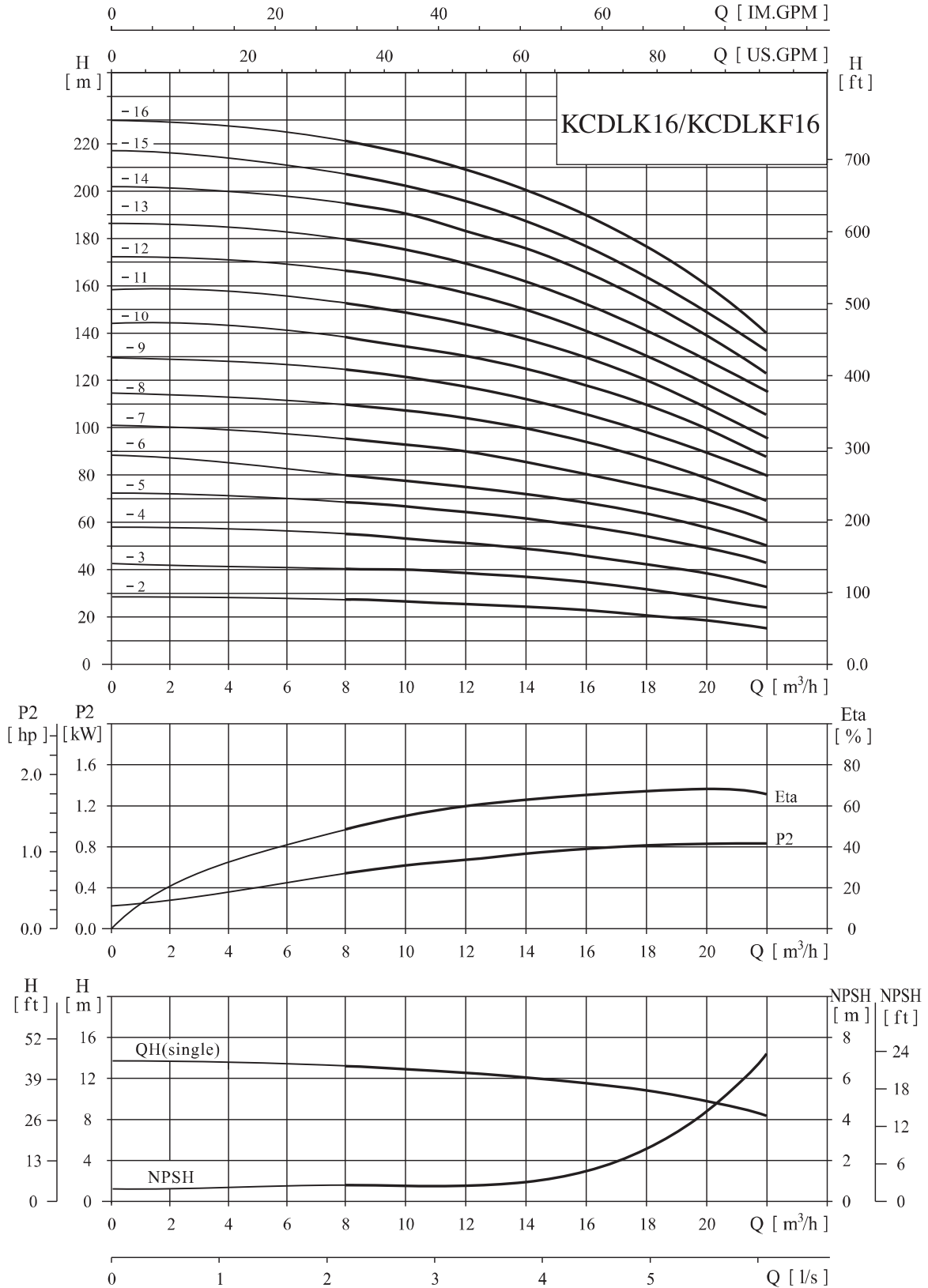
Model	Size (mm)					Weight (kg)
	A	B	C	D	D1	
KCDLK8-20/2	516	150	366	142	170	22
KCDLK8-30/3	546	180	366	142	170	27
KCDLK8-40/4	629	210	419	155	190	27
KCDLK8-50/5	659	240	419	155	190	36
KCDLK8-60/6	689	270	419	155	190	37
KCDLK8-80/8	814	330	484	165	197	42
KCDLK8-100/10	884	390	494	185	230	52
KCDLK8-120/12	944	450	494	185	230	53
KCDLK8-140/14	1059	510	549	210	260	75
KCDLK8-160/16	1119	570	549	210	260	77
KCDLK8-180/18	1179	630	549	210	260	85
KCDLK8-200/20	1239	690	549	210	260	87

KCDLK/KCDLK16,50Hz

침수형 다단 원심 펌프

● 성능 곡선

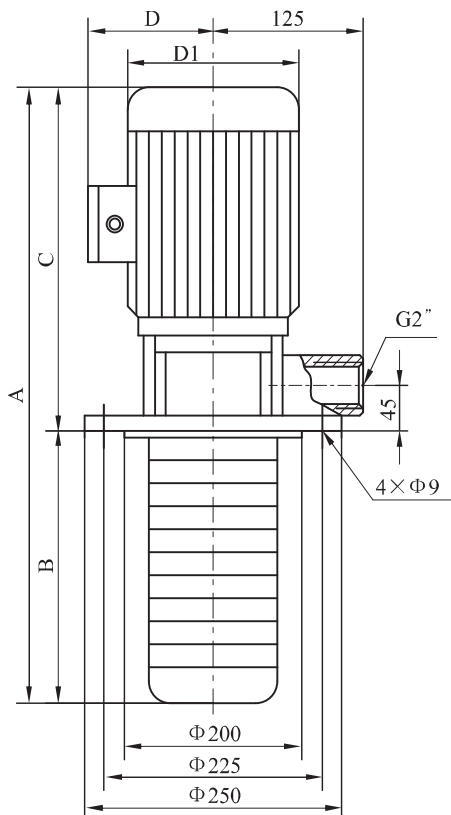
ISO9906 Annex A



● 성능표

Model	Driving motor		Q (m ³ /h)	8	10	12	14	16	18	20	22
	(kW)	(hp)									
KCDLK16-20/2	2.2	3	H (m)	27	26	25	24	22	21	19	16
KCDLK16-30/3	3.0	4		41	40	38	37	34	32	29	25
KCDLK16-40/4	4.0	5.5		54	53	52	49	46	43	38	34
KCDLK16-50/5	5.5	7.5		68	67	65	62	58	54	48	43
KCDLK16-60/6	5.5	7.5		82	80	78	74	70	64	58	52
KCDLK16-70/7	7.5	10		96	95	91	87	82	76	68	61
KCDLK16-80/8	7.5	10		110	108	104	99	94	86	77	70
KCDLK16-100/10	11	15		138	136	131	125	118	109	97	87
KCDLK16-120/12	11	15		166	162	157	150	141	130	116	105
KCDLK16-140/14	15	20		194	190	184	175	166	152	136	122
KCDLK16-160/16	15	20		222	217	210	200	189	174	156	140

● 외형 치수



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● 사이즈, 중량

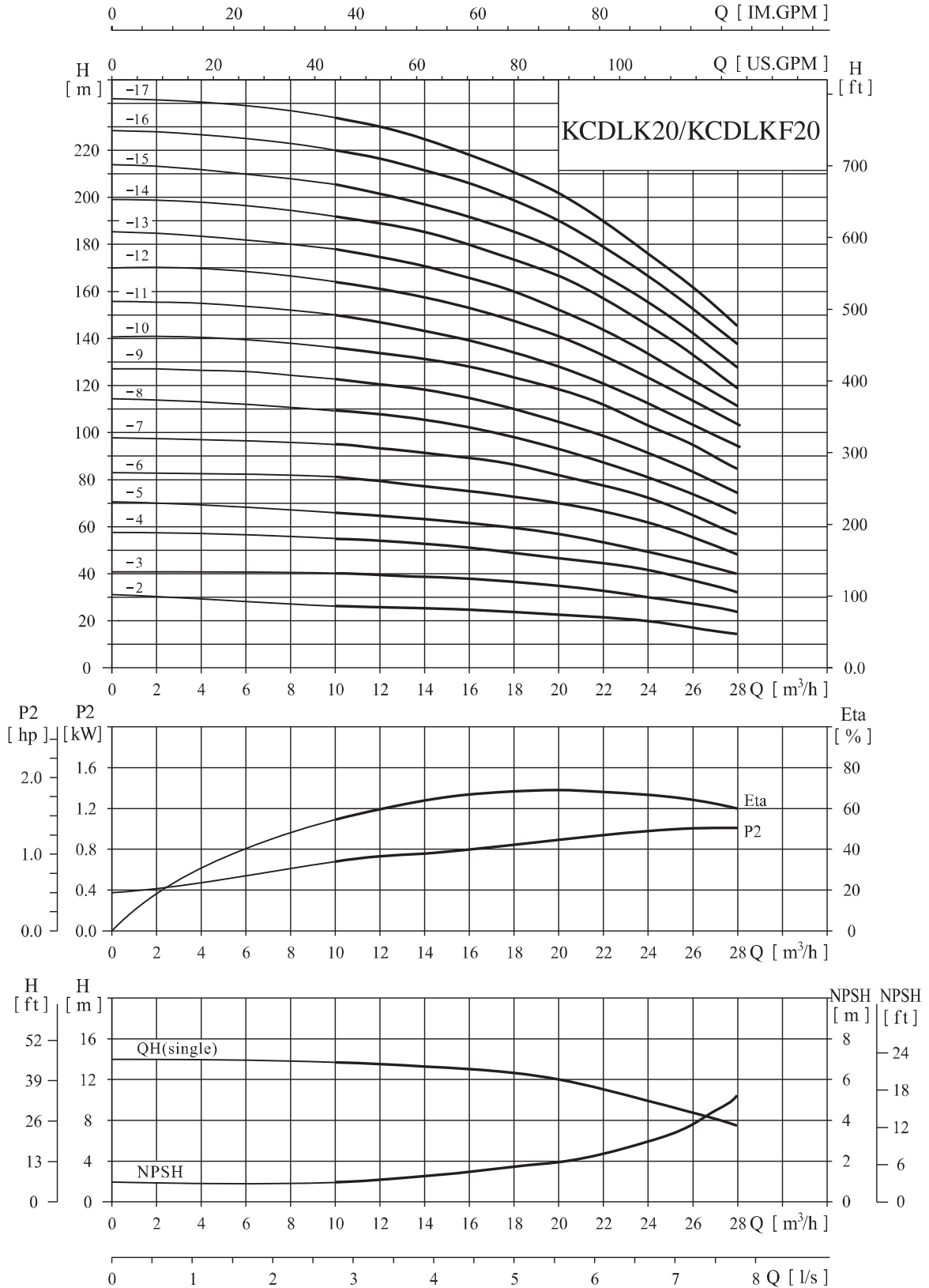
Model	Size (mm)					Weight (kg)
	A	B	C	D	D1	
KCDLK16-20/2	599	180	419	155	190	37
KCDLK16-30/3	709	225	484	165	197	47
KCDLK16-40/4	764	270	494	185	230	52
KCDLK16-50/5	864	315	549	210	260	67
KCDLK16-60/6	909	360	549	210	260	72
KCDLK16-70/7	954	405	549	210	260	77
KCDLK16-80/8	999	450	549	210	260	78
KCDLK16-100/10	1240	540	700	255	330	135
KCDLK16-120/12	1330	630	700	255	330	140
KCDLK16-140/14	1420	720	700	255	330	155
KCDLK16-160/16	1510	810	700	255	330	162

KCDLK/KCDLK20,50Hz

침수형 다단 원심 펌프

● 성능 곡선

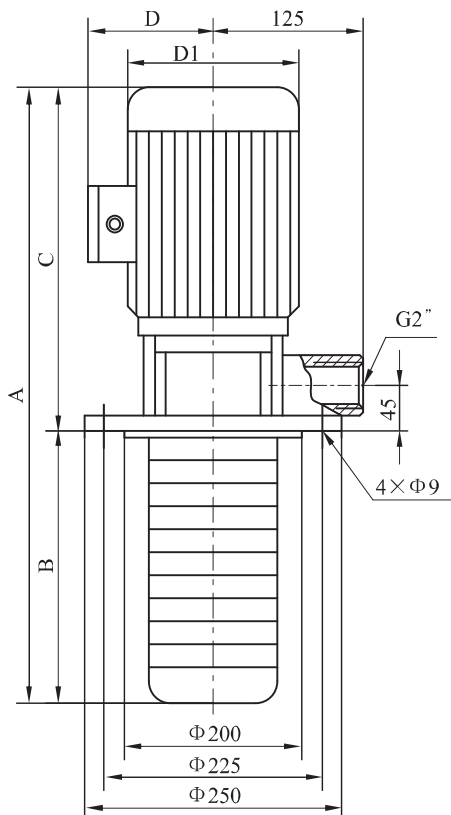
ISO9906 Annex A



● 성능표

Model	Driving motor		Q (m ³ /h)	10	12	14	16	18	20	22	24	26	28
	(kW)	(hp)											
KCDLK20-20/2	2.2	3	H (m)	27	26.5	26	25	24	23	22	20	18	15
KCDLK20-30/3	4.0	5.5		40	39.5	39	38	37	35	33	30	27	24
KCDLK20-40/4	5.5	7.5		54	53	52	51	49	47	44	41	37	33
KCDLK20-50/5	5.5	7.5		67	66	64	62	60	58	55	50	45	40
KCDLK20-60/6	7.5	10		81	79	77	75	73	70	66	61	55	49
KCDLK20-70/7	7.5	10		95	93	91	89	86	82	77	71	65	58
KCDLK20-80/8	11	15		109	107	105	102	99	94	89	82	75	67
KCDLK20-100/10	11	15		136	134	131	128	124	118	111	103	95	85
KCDLK20-120/12	15	20		164	162	158	154	149	142	133	124	114	102
KCDLK20-140/14	15	20		192	189	185	180	174	166	156	145	133	119
KCDLK20-170/17	18.5	25		234	230	225	219	212	202	190	177	162	145

● 외형 치수



단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

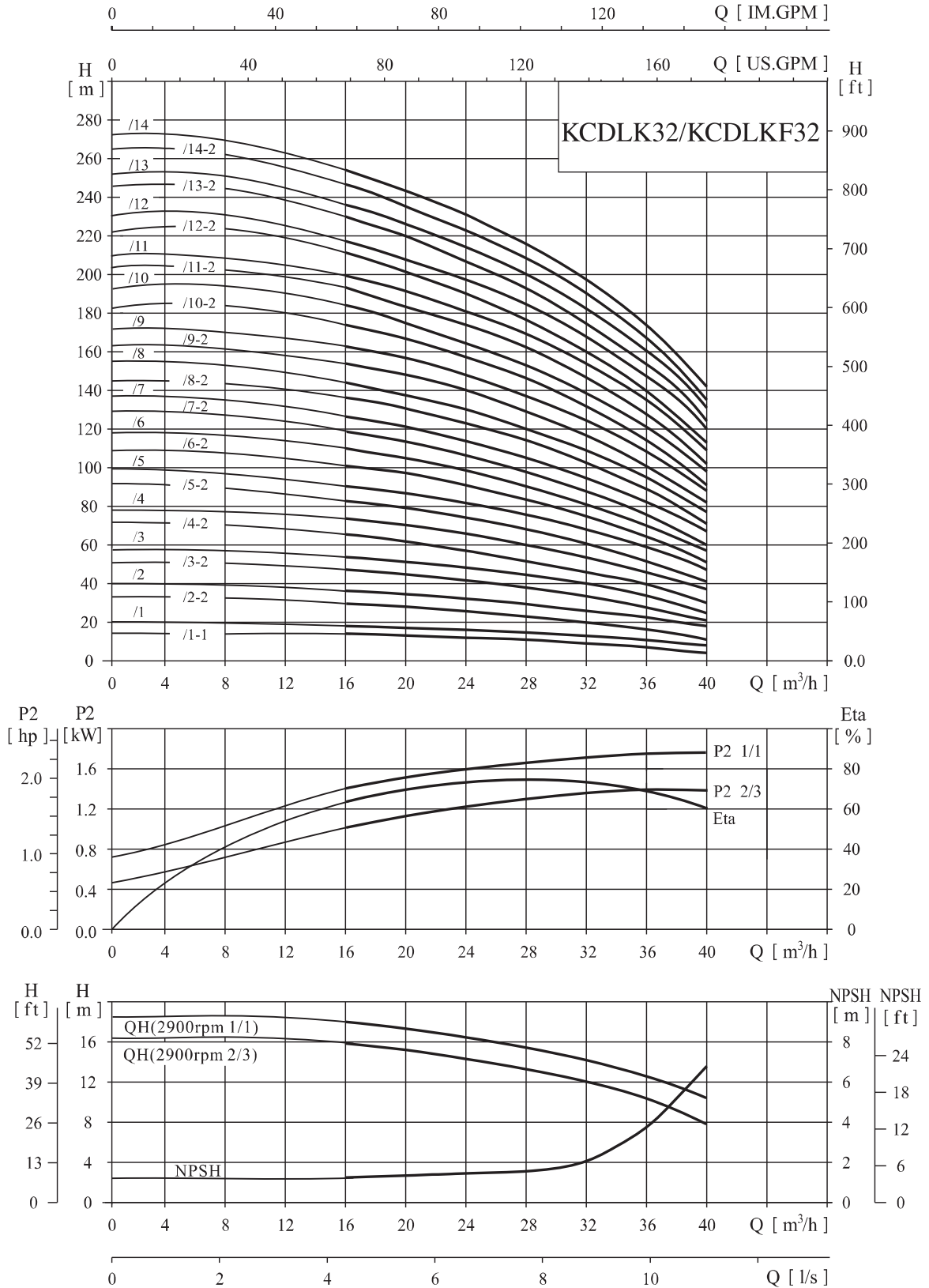
Model	Size (mm)					Weight (kg)
	A	B	C	D	D1	
KCDLK20-20/2	599	180	419	155	190	37
KCDLK20-30/3	719	225	494	185	230	50
KCDLK20-40/4	819	270	549	210	260	65
KCDLK20-50/5	864	315	549	210	260	67
KCDLK20-60/6	909	360	549	210	260	75
KCDLK20-70/7	954	405	549	210	260	77
KCDLK20-80/8	1150	450	700	255	330	131
KCDLK20-100/10	1240	540	700	255	330	135
KCDLK20-120/12	1330	630	700	255	330	151
KCDLK20-140/14	1420	720	700	255	330	155
KCDLK20-170/17	1605	855	750	255	330	181

KCDLK/KCDLK32,50Hz

침수형 다단 원심 펌프

● 성능 곡선

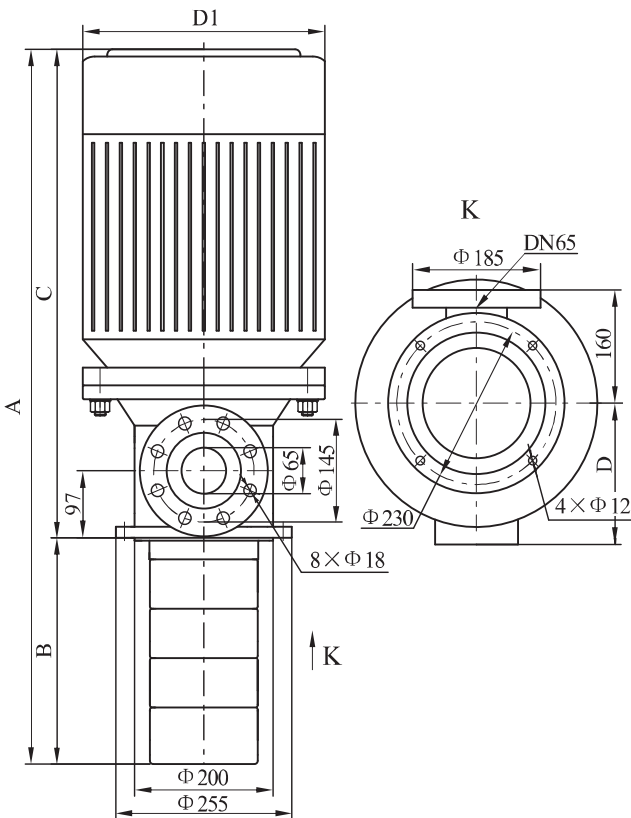
ISO9906 Annex A



● 성능표

Model	Driving motor		Q (m ³ /h)	16	20	24	28	32	36	40	Model	Driving motor		Q (m ³ /h)	16	20	24	28	32	36	40
	(kW)	(hp)										(kW)	(hp)								
KCDLK32-10/1-1	1.5	2	H (m)	14	13	12	11	9	7	4	CDLK32-80/8-2	15	20	H (m)	136	131	123	114	102	90	71
KCDLK32-10/1	2.2	3		18	17	15	14	13	11	8	CDLK32-80/8	15	20		144	138	130	120	109	97	77
KCDLK32-20/2-2	3.0	4		29	28	26	23	20	16	11	CDLK32-90/9-2	18.5	25		154	148	140	129	117	102	82
KCDLK32-20/2	4.0	5.5		36	34	32	29	27	23	18	CDLK32-90/9	18.5	25		162	156	147	136	124	109	88
KCDLK32-30/3-2	5.5	7.5		47	44	41	38	33	28	21	CDLK32-100/10-2	18.5	25		175	166	157	146	131	115	91
KCDLK32-30/3	5.5	7.5		54	51	48	44	40	35	27	CDLK32-100/10	18.5	25		182	173	164	152	138	122	98
KCDLK32-40/4-2	7.5	10		65	62	58	53	46	40	30	CDLK32-110/11-2	22	30		193	184	173	164	146	128	102
KCDLK32-40/4	7.5	10		72	69	65	59	53	47	37	CDLK32-110/11	22	30		200	191	180	168	153	135	109
KCDLK32-50/5-2	11	15		83	79	74	68	60	52	41	CDLK32-120/12-2	22	30		211	201	189	178	160	140	113
KCDLK32-50/5	11	15		90	86	81	74	67	59	47	CDLK32-120/12	22	30		218	208	196	184	167	147	120
KCDLK32-60/6-2	11	15		101	97	90	83	74	65	51	CDLK32-130/13-2	30	40		230	218	206	193	174	153	124
KCDLK32-60/6	11	15		108	104	97	90	81	72	57	CDLK32-130/13	30	40		237	225	213	200	181	160	131
KCDLK32-70/7-2	15	20		119	114	107	98	88	78	60	CDLK32-140/14-2	30	40		247	235	222	210	189	165	135
KCDLK32-70/7	15	20		126	121	113	105	95	85	67	CDLK32-140/14	30	40		255	242	229	216	196	172	142

● 외형 치수



단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

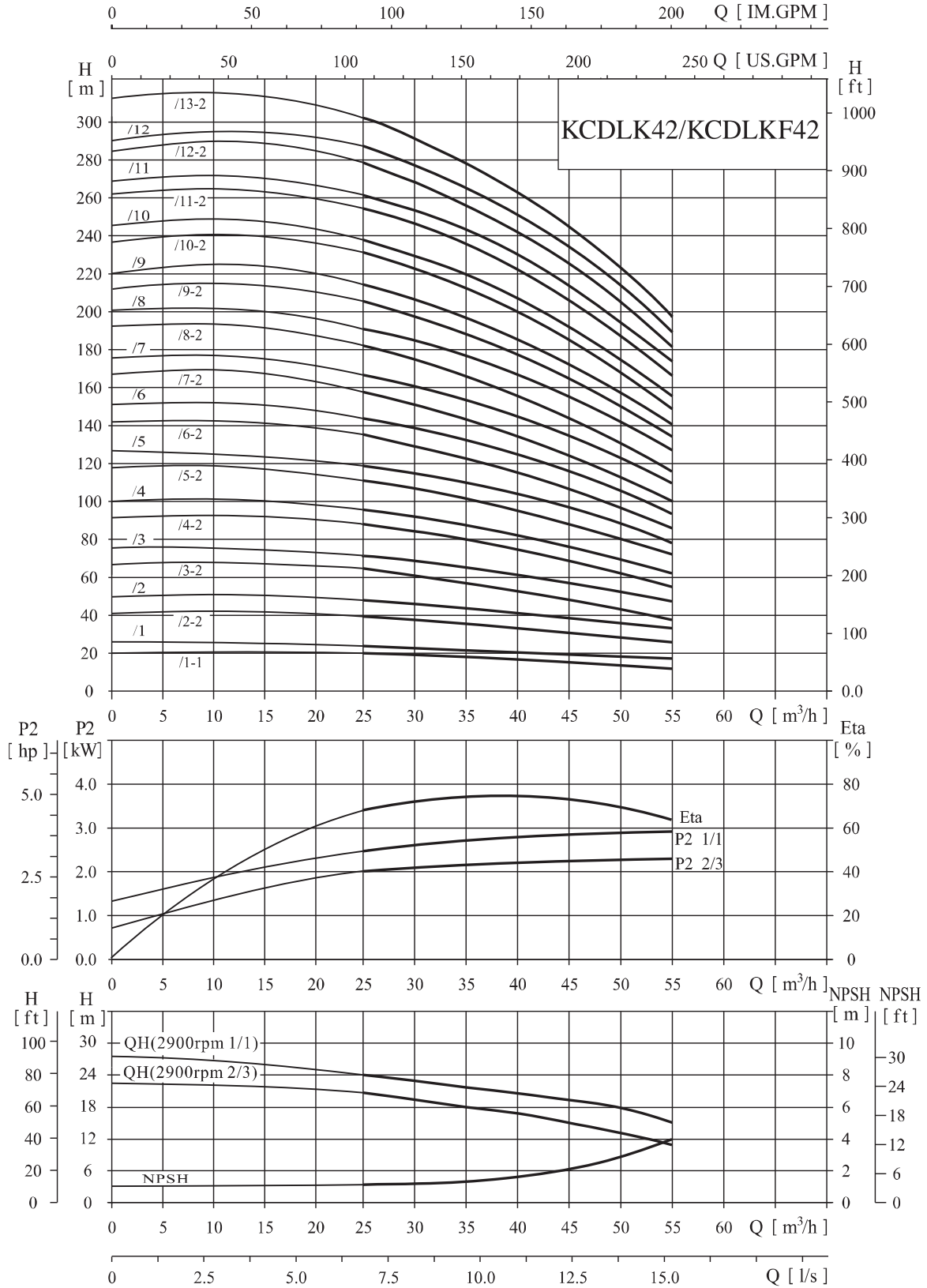
Model	Size (mm)					Weight (kg)
	A	B	C	D	D1	
KCDLK32-10/1-1/CDLK32-10/1	621	186	435	155	190	49/51
KCDLK32-20/2-2/CDLK32-20/2	746/ 756	256	490/ 500	165/ 185	197/ 230	57/62
KCDLK32-30/3-2/CDLK32-30/3	881	326	555	210	260	70
KCDLK32-40/4-2/CDLK32-40/4	951	396	555	210	260	77
KCDLK32-50/5-2/CDLK32-50/5	1184	466	718	255	330	148
KCDLK32-60/6-2/CDLK32-60/6	1254	536	718	255	330	150
KCDLK32-70/7-2/CDLK32-70/7	1324	606	718	255	330	162
KCDLK32-80/8-2/CDLK32-80/8	1394	676	718	255	330	165
KCDLK32-90/9-2/CDLK32-90/9	1514	746	768	255	330	191
KCDLK32-100/10-2/CDLK32-100/10	1584	816	768	255	330	194
KCDLK32-110/11-2/CDLK32-110/11	1679	886	793	285	360	230
KCDLK32-120/12-2/CDLK32-120/12	1749	956	793	285	360	234
KCDLK32-130/13-2/CDLK32-130/13	1894	1026	868	310	400	297
KCDLK32-140/14-2/CDLK32-140/14	1964	1096	868	310	400	300

KCDLK/KCDLK42,50Hz

침수형 다단 원심 펌프

● 성능 곡선

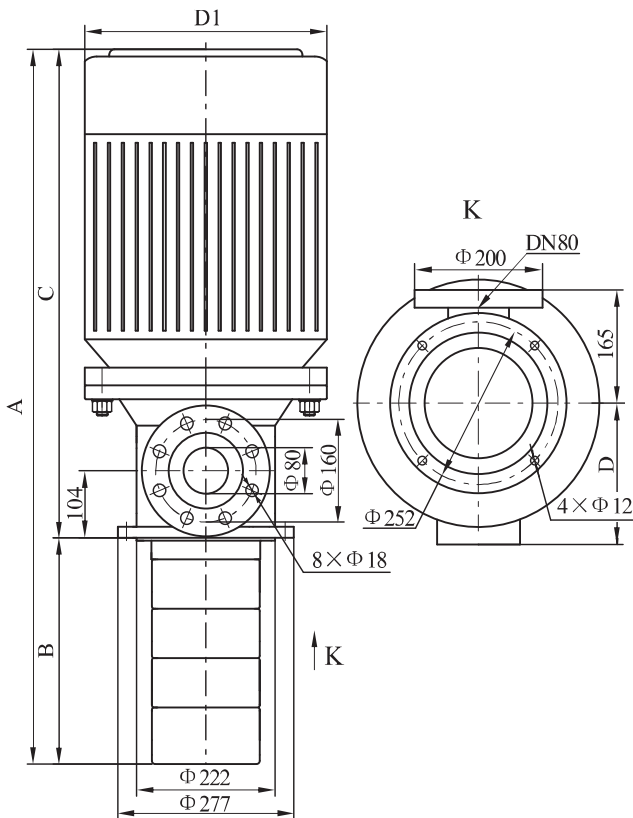
ISO9906 Annex A



● 성능표

Model	Driving motor		Q (m ³ /h)	25	30	35	40	42	45	50	55
	(kW)	(hp)									
KCDLK42-10/1-1	3.0	4	H (m)	20	19	18	17	16	15	13	11
KCDLK42-10/1	4.0	5.5		24	23	22	21	20	19	18	16
KCDLK42-20/2-2	5.5	7.5		40	38	36	33	32	30	27	23
KCDLK42-20/2	7.5	10		48	46	44	42	41	39	35	31
KCDLK42-30/3-2	11	15		63	61	58	54	52	50	44	38
KCDLK42-30/3	11	15		71	69	66	63	61	58	53	47
KCDLK42-40/4-2	15	20		87	84	80	75	73	69	62	54
KCDLK42-40/4	15	20		95	92	88	84	81	78	71	62
KCDLK42-50/5-2	18.5	25		111	107	102	96	93	88	80	69
KCDLK42-50/5	18.5	25		119	115	110	105	101	97	88	78
KCDLK42-60/6-2	22	30		135	130	124	117	113	108	97	85
KCDLK42-60/6	22	30		143	138	132	125	122	116	106	93
KCDLK42-70/7-2	30	40		158	152	146	138	134	127	115	100
KCDLK42-70/7	30	40		166	161	154	146	142	135	124	109
KCDLK42-80/8-2	30	40		182	175	168	159	154	146	133	116
KCDLK42-80/8	30	40		190	184	176	167	162	154	141	124
KCDLK42-90/9-2	30	40		205	198	190	180	174	166	150	132
KCDLK42-90/9	37	50		214	207	198	188	183	174	159	140
KCDLK42-100/10-2	37	50		230	221	212	200	194	185	168	147
KCDLK42-100/10	37	50		238	230	220	209	203	193	177	155
KCDLK42-110/11-2	45	60	255	246	236	223	217	206	188	165	
KCDLK42-110/11	45	60	263	255	244	232	225	214	196	173	
KCDLK42-120/12-2	45	60	280	270	259	245	238	226	206	181	
KCDLK42-120/12	45	60	289	280	268	255	247	236	216	190	
KCDLK42-130/13-2	45	60	305	294	282	267	259	247	225	198	

● 외형 치수



● 사이즈, 중량

Model	Size (mm)					Weight (kg)
	A	B	C	D	D1	
KCDLK42-10/1-1/CDLK42-10/1	702/ 712	198	504/ 514	165/ 185	197/ 230	60/65
KCDLK42-20/2-2/CDLK42-20/2	847	278	569	210	260	77/84
KCDLK42-30/3-2/CDLK42-30/3	1090	358	732	255	330	150
KCDLK42-40/4-2/CDLK42-40/4	1170	438	732	255	330	162
KCDLK42-50/5-2/CDLK42-50/5	1300	518	782	255	330	182
KCDLK42-60/6-2/CDLK42-60/6	1405	598	807	285	360	225
KCDLK42-70/7-2/CDLK42-70/7	1560	678	882	310	400	288
KCDLK42-80/8-2/CDLK42-80/8	1640	758	882	310	400	292
KCDLK42-90/9-2/CDLK42-90/9	1720	838	882	310	400	296/ 315
KCDLK42-100/10-2/CDLK42-100/10	1800	918	882	310	400	320
KCDLK42-110/11-2/CDLK42-110/11	1915	998	917	345	450	385
KCDLK42-120/12-2/CDLK42-120/12	1995	1078	917	345	450	390
KCDLK42-130/13-2	2075	1158	917	345	450	394

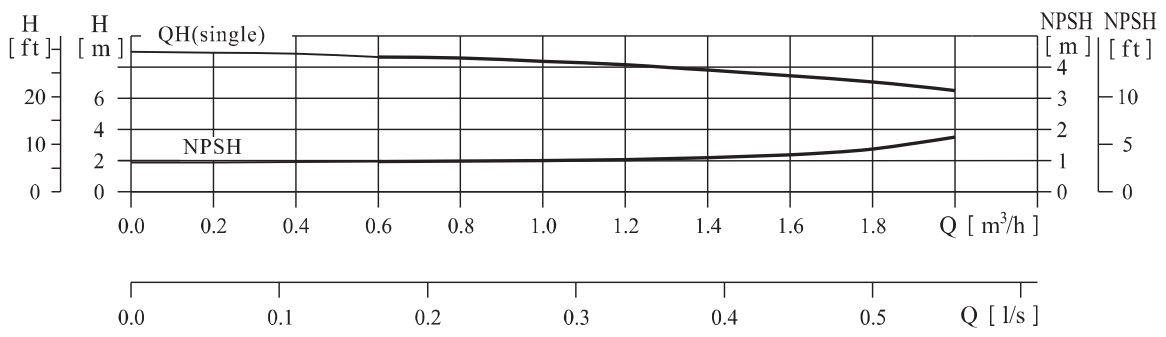
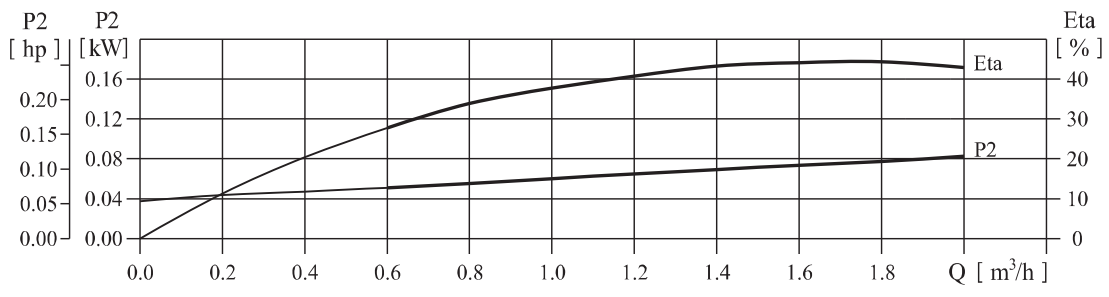
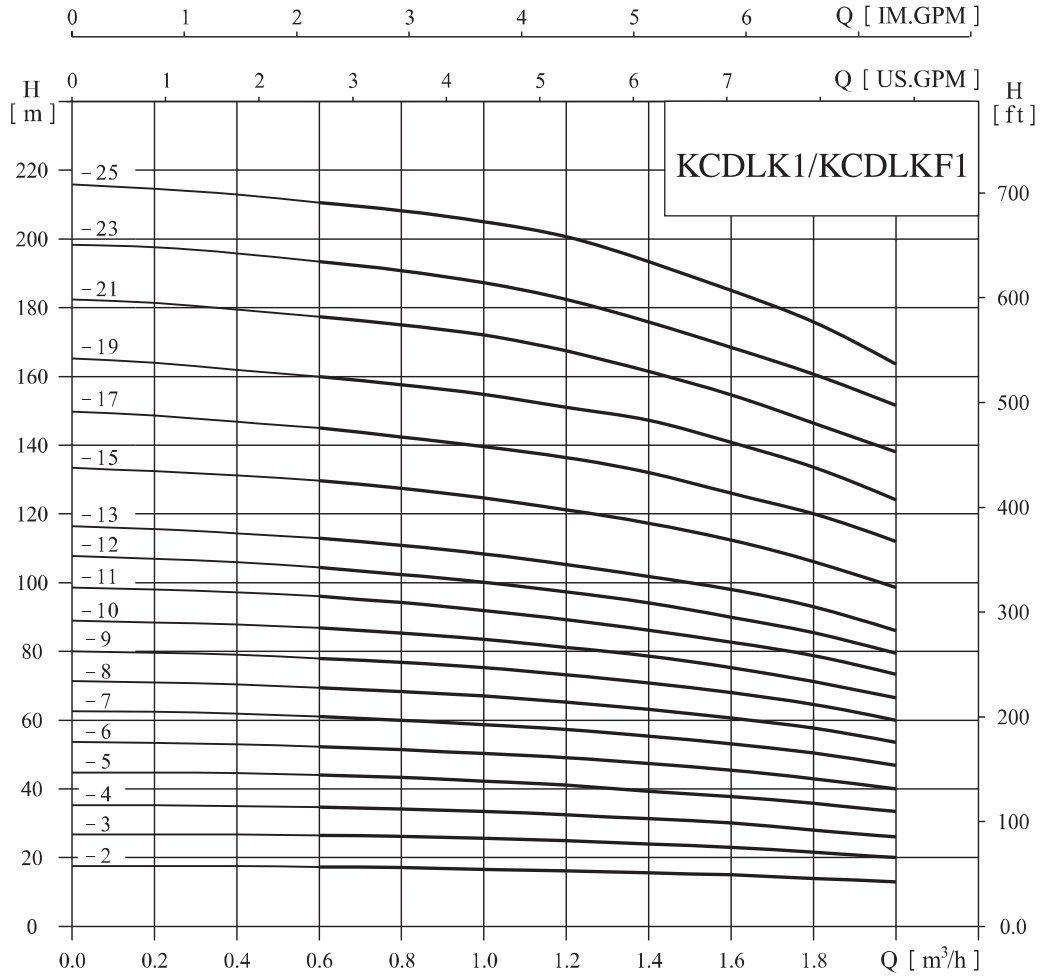
단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

KCDLK/KCDLK1,60Hz

침수형 다단 원심 펌프

● 성능 곡선

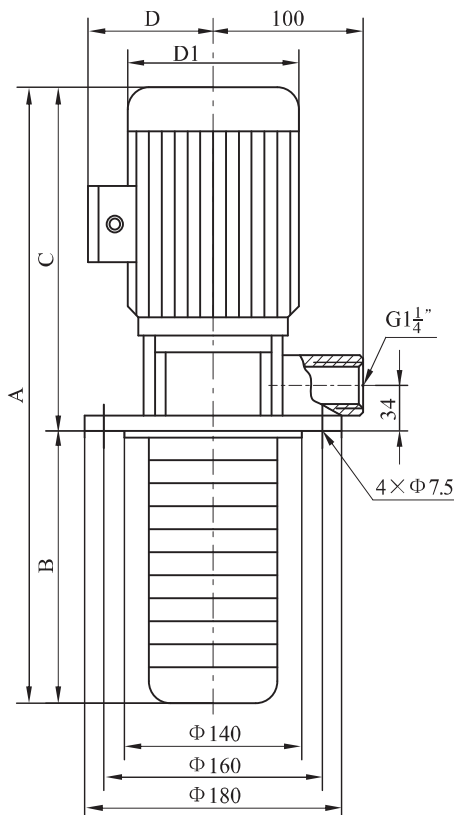
ISO9906 Annex A



● 성능표

Model	Driving motor		Q (m ³ /h)	0.6	0.8	1	1.2	1.4	1.6	1.8	2
	(kW)	(hp)									
KCDLK1-20/2	0.37	0.5	H (m)	17.5	17	16.5	16	15.5	15	14	13
KCDLK1-30/3	0.37	0.5		26.5	26	25	24	23	22	21	20
KCDLK1-40/4	0.37	0.5		35	34	33	32	31	30	28	26
KCDLK1-50/5	0.55	0.75		43	42	41	40	39	38	35	33
KCDLK1-60/6	0.55	0.75		52	51	50	48	47	45	43	39
KCDLK1-70/7	0.75	1		60	59	58	56	55	52	50	46
KCDLK1-80/8	0.75	1		68	67	65	64	62	59	57	53
KCDLK1-90/9	0.75	1		76	75	74	73	71	66	64	60
KCDLK1-100/10	1.1	1.5		85	84	83	81	78	74	72	67
KCDLK1-110/11	1.1	1.5		95	93	90	87	85	81	78	73
KCDLK1-120/12	1.1	1.5		103	102	98	96	92	88	86	79
KCDLK1-130/13	1.1	1.5		112	110	107	105	100	95	93	86
KCDLK1-150/15	1.5	2		127	125	123	121	117	112	107	99
KCDLK1-170/17	1.5	2		144	141	139	137	132	124	120	112
KCDLK1-190/19	2.2	3		160	157	155	153	147	141	134	124
KCDLK1-210/21	2.2	3		177	174	172	168	162	153	147	138
KCDLK1-230/23	2.2	3		193	190	188	184	174	167	161	152
KCDLK1-250/25	3	4		210	207	205	202	192	184	176	164

● 외형 치수



단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

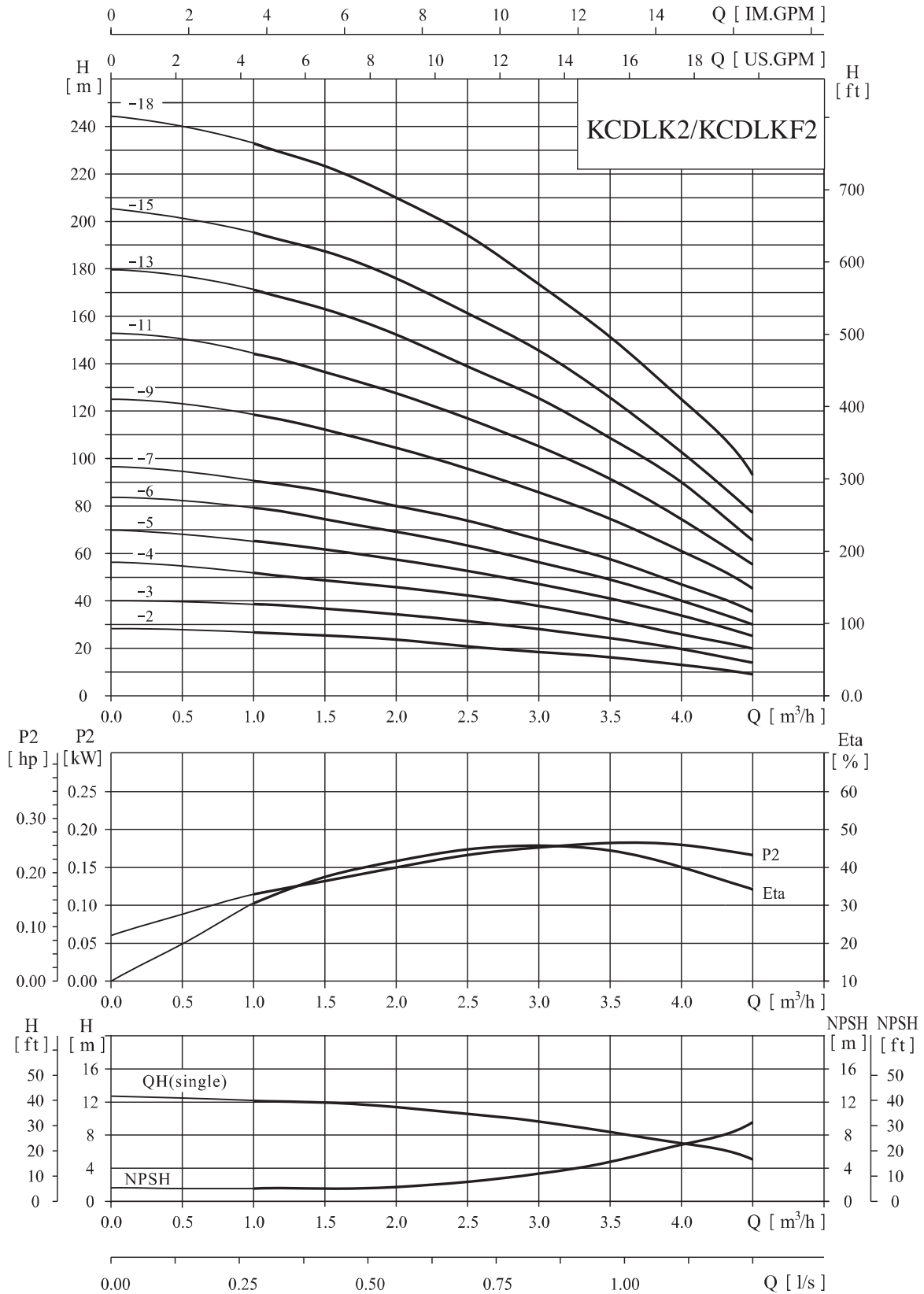
Model	Size (mm)					Weight (kg)
	A	B	C	D	D1	
KCDLK1-20/2	453	123	330	117	148	15
KCDLK1-30/3	471	141	330	117	148	15
KCDLK1-40/4	489	159	330	117	148	15
KCDLK1-50/5	507	177	330	117	148	16
KCDLK1-60/6	525	195	330	117	148	16
KCDLK1-70/7	571	213	358	142	170	19
KCDLK1-80/8	589	231	358	142	170	19
KCDLK1-90/9	607	249	358	142	170	20
KCDLK1-100/10	625	267	358	142	170	22
KCDLK1-110/11	643	285	358	142	170	22
KCDLK1-120/12	661	303	358	142	170	24
KCDLK1-130/13	679	321	358	142	170	24
KCDLK1-150/15	770	357	413	155	190	29
KCDLK1-170/17	806	393	413	155	190	29
KCDLK1-190/19	842	429	413	155	190	33
KCDLK1-210/21	878	465	413	155	190	33
KCDLK1-230/23	914	501	413	155	190	33
KCDLK1-250/25	1015	537	478	165	197	40

KCDLK/KCDLK2, 60Hz

침수형 다단 원심 펌프

● 성능 곡선

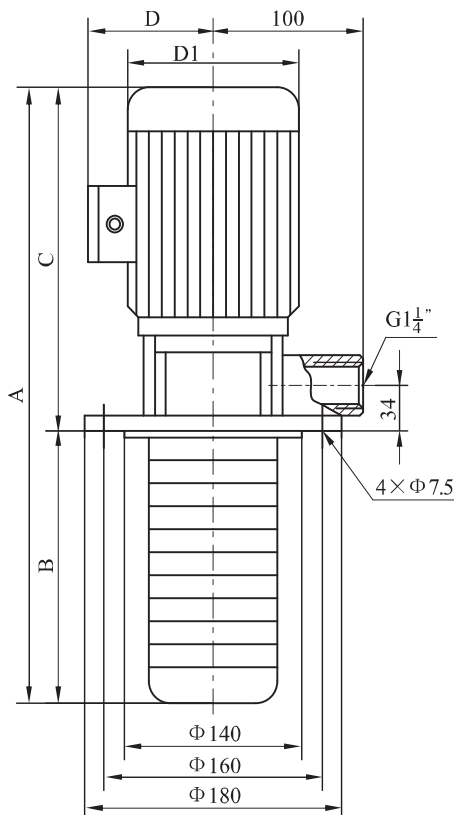
ISO9906 Annex A



● 성능표

Model	Driving motor		Q (m ³ /h)	1	1.5	2	2.5	3	3.5	4	4.5
	(kW)	(hp)									
KCDLK2-20/2	0.55	0.75	H (m)	26	24	22	21	18	16	12	9
KCDLK2-30/3	0.75	1		39	36	33	31	27	24	19	15
KCDLK2-40/4	1.1	1.5		52	48	45	42	36	32	26	20
KCDLK2-50/5	1.1	1.5		65	60	57	52	46	41	32	25
KCDLK2-60/6	1.1	1.5		78	74	69	63	56	49	40	30
KCDLK2-70/7	1.5	2		91	86	81	74	66	57	47	35
KCDLK2-90/9	2.2	3		117	111	104	95	86	75	61	45
KCDLK2-110/11	2.2	3		143	136	128	116	104	90	75	56
KCDLK2-130/13	3	4		171	163	152	139	126	108	90	66
KCDLK2-150/15	3	4		195	186	176	160	142	125	103	77
KCDLK2-180/18	4	5.5		234	228	212	195	171	151	126	94

● 외형 치수



단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

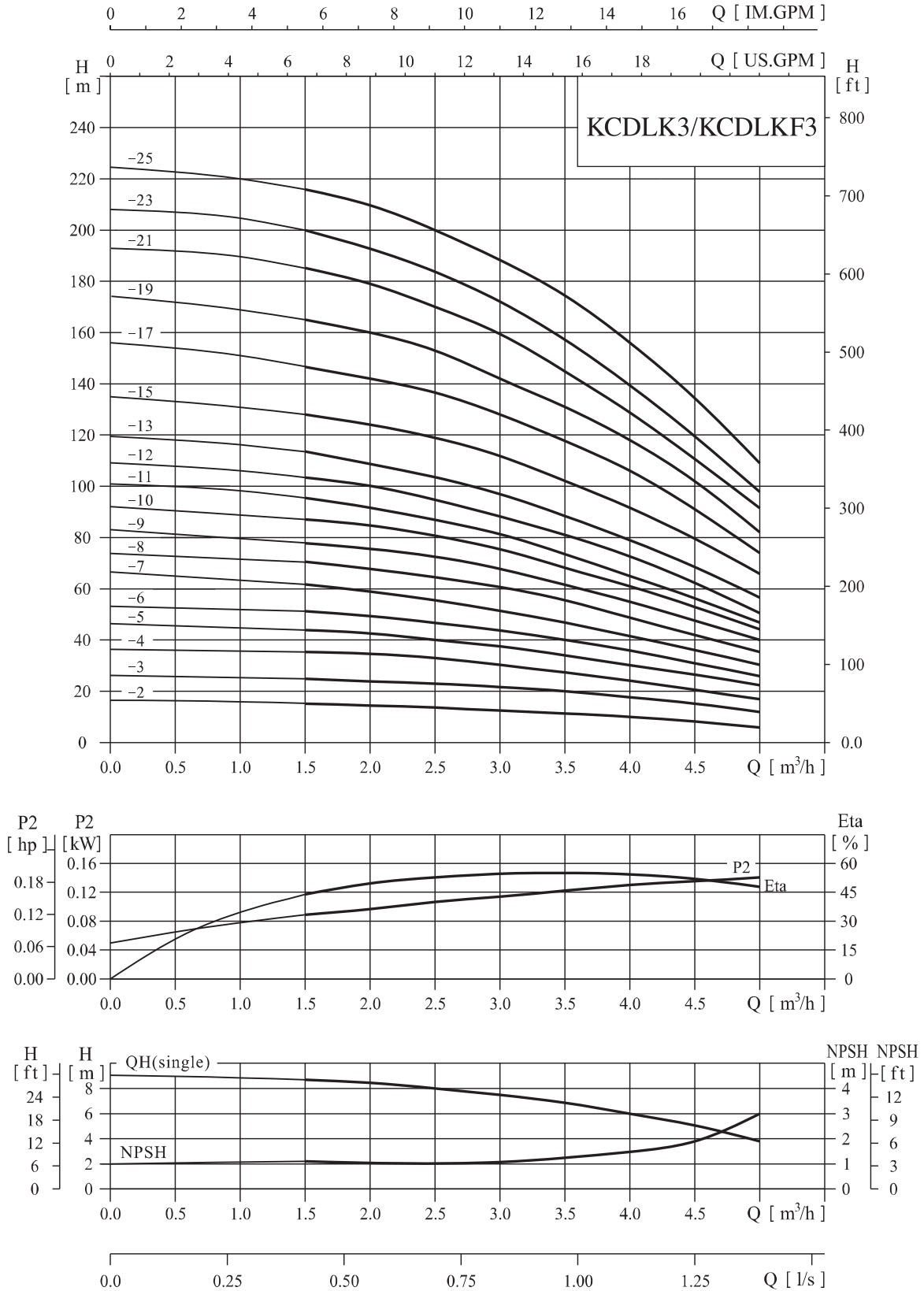
Model	Size (mm)					Weight (kg)
	A	B	C	D	D1	
KCDLK2-20/2	453	123	330	117	148	15
KCDLK2-30/3	499	141	358	142	170	18
KCDLK2-40/4	517	159	358	142	170	20
KCDLK2-50/5	535	177	358	142	170	20
KCDLK2-60/6	553	195	358	142	170	22
KCDLK2-70/7	626	213	413	155	190	27
KCDLK2-90/9	662	249	413	155	190	31
KCDLK2-110/11	698	285	413	155	190	31
KCDLK2-130/13	799	321	478	165	197	37
KCDLK2-150/15	835	357	478	165	197	37
KCDLK2-180/18	899	411	488	185	230	42

KCDLK/KCDLK3,60Hz

침수형 다단 원심 펌프

● 성능 곡선

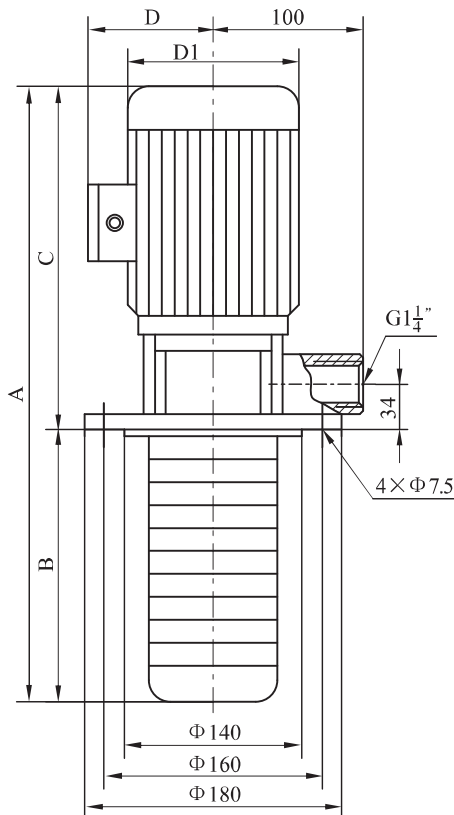
ISO9906 Annex A



● 성능표

Model	Driving motor		Q (m ³ /h)	1.5	2	2.5	3	3.5	4	4.5	5
	(kW)	(hp)									
KCDLK3-20/2	0.37	0.5	H (m)	17.5	16	15	14	13	11	9	8
KCDLK3-30/3	0.55	0.75		26.5	25	24	23	20	18	15	12
KCDLK3-40/4	0.55	0.75		35	34	32	30	27	25	20	17
KCDLK3-50/5	0.75	1		44	42	40	38	33	31	26	23
KCDLK3-60/6	1.1	1.5		51	50	48	45	40	37	32	27
KCDLK3-70/7	1.1	1.5		61	59	56	52	46	43	38	31
KCDLK3-80/8	1.1	1.5		70	67	64	61	53	49	44	35
KCDLK3-90/9	1.5	2		78	77	72	68	60	56	50	40
KCDLK3-100/10	1.5	2		87	84	81	76	68	63	55	44
KCDLK3-110/11	1.5	2		96	92	87	82	74	69	59	48
KCDLK3-120/12	2.2	3		104	100	96	90	79	73	63	52
KCDLK3-130/13	2.2	3		112	109	104	98	86	80	69	57
KCDLK3-150/15	2.2	3		129	126	120	112	99	93	81	65
KCDLK3-170/17	2.2	3		147	143	137	128	114	106	91	74
KCDLK3-190/19	3	4		165	160	153	142	126	118	102	82
KCDLK3-210/21	3	4		183	178	170	160	141	129	112	91
KCDLK3-230/23	3	4		200	194	185	174	154	142	122	98
KCDLK3-250/25	4	5.5		217	211	202	187	167	154	134	108

● 외형 치수



단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

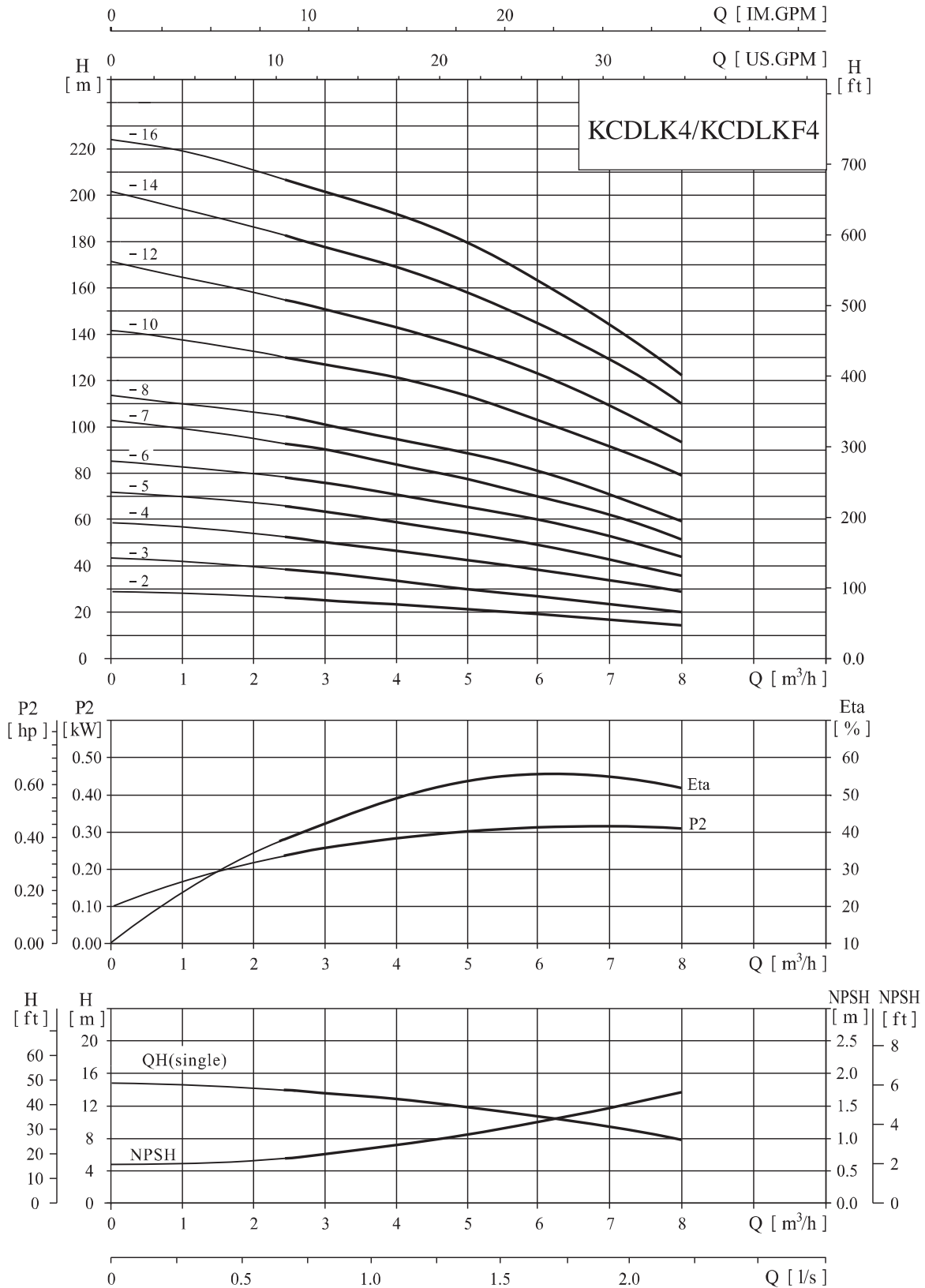
Model	Size (mm)					Weight (kg)
	A	B	C	D	D1	
KCDLK3-20/2	453	123	330	117	148	15
KCDLK3-30/3	471	141	330	117	148	15
KCDLK3-40/4	489	159	330	117	148	15
KCDLK3-50/5	535	177	358	142	170	19
KCDLK3-60/6	553	195	358	142	170	21
KCDLK3-70/7	571	213	358	142	170	22
KCDLK3-80/8	589	231	358	142	170	22
KCDLK3-90/9	662	249	413	155	190	27
KCDLK3-100/10	680	267	413	155	190	28
KCDLK3-110/11	698	285	413	155	190	28
KCDLK3-120/12	716	303	413	155	190	31
KCDLK3-130/13	734	321	413	155	190	31
KCDLK3-150/15	770	357	413	155	190	32
KCDLK3-170/17	806	393	413	155	190	32
KCDLK3-190/19	907	429	478	165	197	37
KCDLK3-210/21	943	465	478	165	197	38
KCDLK3-230/23	979	501	478	165	197	38
KCDLK3-250/25	1025	537	488	185	230	44

KCDLK/KCDLK4,60Hz

침수형 다단 원심 펌프

● 성능 곡선

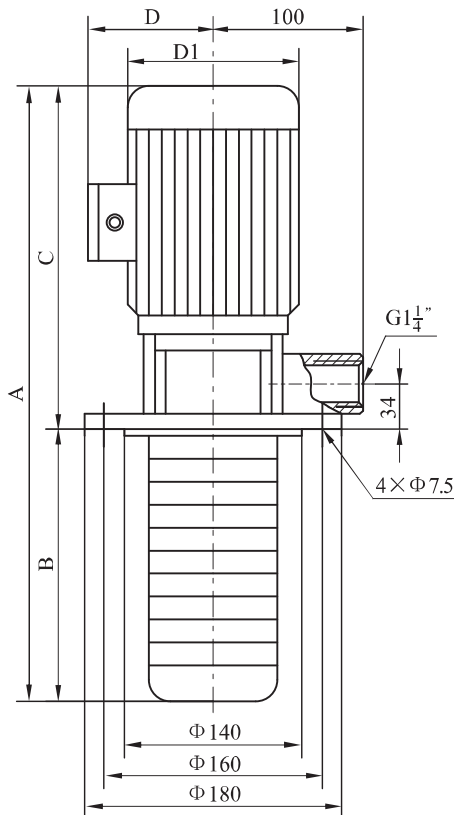
ISO9906 Annex A



● 성능표

Model	Driving motor		Q (m ³ /h)	2.5	3	4	5	6	7	8
	(kW)	(hp)								
KCDLK4-20/2	0.75	1	H (m)	26	25	23	21	19	16	14
KCDLK4-30/3	1.1	1.5		39	38	36	32	28	24	21
KCDLK4-40/4	1.5	2		52	50	48	44	38	35	31
KCDLK4-50/5	2.2	3		65	62	60	55	49	44	39
KCDLK4-60/6	2.2	3		78	75	72	67	59	54	47
KCDLK4-70/7	3	4		92	88	84	78	69	62	55
KCDLK4-80/8	3	4		104	100	95	90	79	72	63
KCDLK4-100/10	4	5.5		130	125	120	113	102	90	80
KCDLK4-120/12	4	5.5		156	150	145	136	122	109	96
KCDLK4-140/14	5.5	7.5		182	176	170	159	145	129	112
KCDLK4-160/16	5.5	7.5		207	201	196	183	165	146	128

● 외형 치수



단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

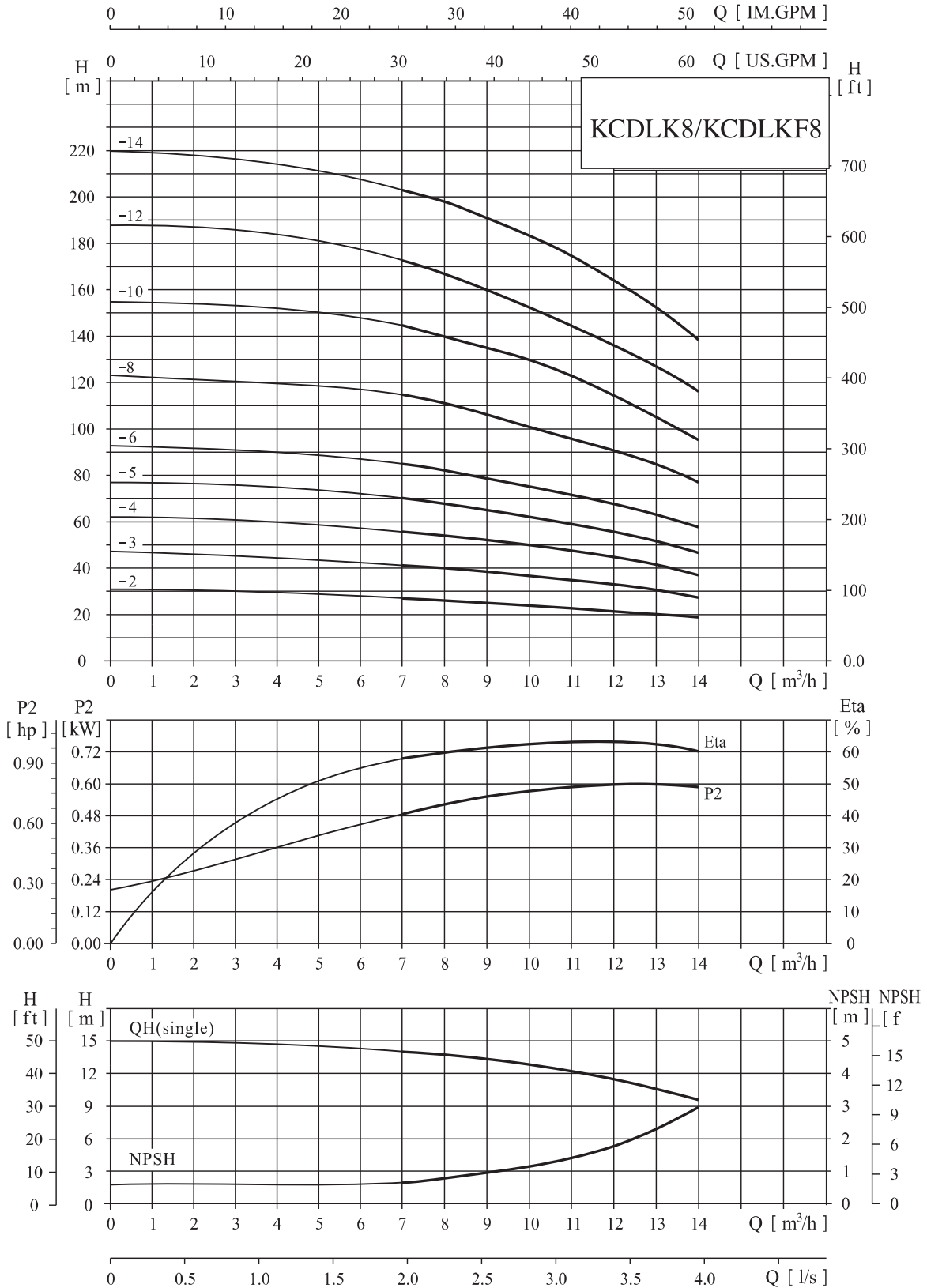
Model	Size (mm)					Weight (kg)
	A	B	C	D	D1	
KCDLK4-20/2	506	148	358	142	170	15
KCDLK4-30/3	533	175	358	142	170	18
KCDLK4-40/4	615	202	413	155	190	23
KCDLK4-50/5	642	229	413	155	190	27
KCDLK4-60/6	669	256	413	155	190	27
KCDLK4-70/7	761	283	478	165	197	33
KCDLK4-80/8	788	310	478	165	197	33
KCDLK4-100/10	852	364	488	185	230	38
KCDLK4-120/12	906	418	488	185	230	38
KCDLK4-140/14	1015	472	543	210	260	63
KCDLK4-160/16	1069	526	543	210	260	65

KCDLK/KCDLK8,60Hz

침수형 다단 원심 펌프

● 성능 곡선

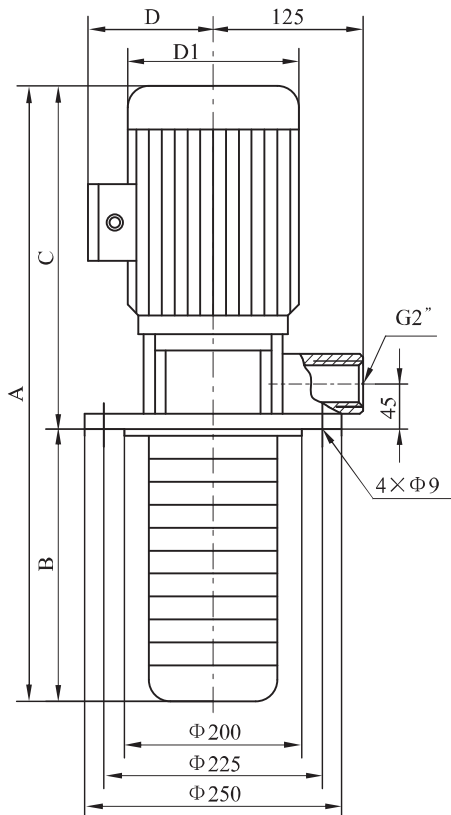
ISO9906 Annex A



● 성능표

Model	Driving motor		Q (m ³ /h)	7	8	9	10	11	12	13	14
	(kW)	(hp)									
KCDLK8-20/2	1.5	2	H (m)	27	26	25	24	23	22	20	18
KCDLK8-30/3	2.2	3		41	40	38	37	35	33	30	28
KCDLK8-40/4	3	4		55	54	52	50	47	45	41	38
KCDLK8-50/5	3	4		70	68	65	63	59	56	52	47
KCDLK8-60/6	4	5.5		85	82	78	76	72	68	62	57
KCDLK8-80/8	5.5	7.5		115	110	105	101	97	91	84	75
KCDLK8-100/10	7.5	10		145	140	132	126	122	115	105	95
KCDLK8-120/12	7.5	10		173	167	160	152	147	132	125	115
KCDLK8-140/14	11	15		202	195	188	179	174	163	147	135

● 외형 치수



단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

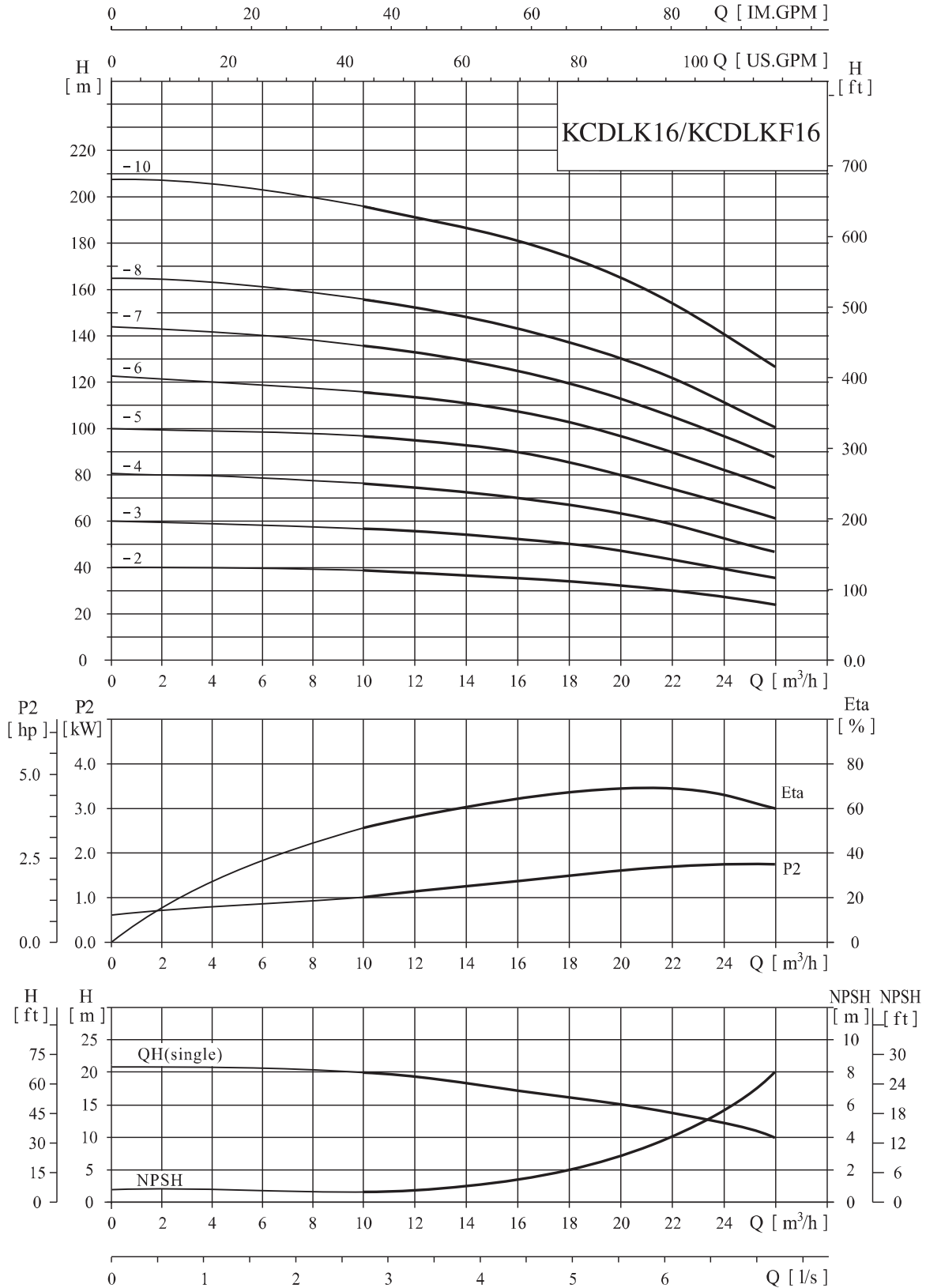
Model	Size (mm)					Weight (kg)
	A	B	C	D	D1	
KCDLK8-20/2	569	150	419	155	190	32
KCDLK8-30/3	599	180	419	155	190	37
KCDLK8-40/4	694	210	484	165	197	45
KCDLK8-50/5	724	240	484	165	197	47
KCDLK8-60/6	764	270	494	185	230	52
KCDLK8-80/8	879	330	549	210	260	72
KCDLK8-100/10	939	390	549	210	260	78
KCDLK8-120/12	999	450	549	210	260	80
KCDLK8-140/14	1210	510	700	255	330	135

KCDLK/KCDLK16,60Hz

침수형 다단 원심 펌프

● 성능 곡선

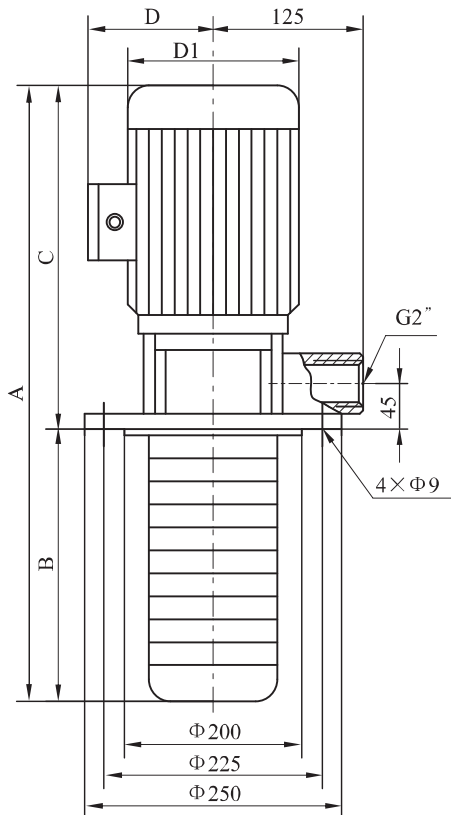
ISO9906 Annex A



● 성능표

Model	Driving motor		Q (m ³ /h)	10	12	14	16	18	20	22	24	26
	(kW)	(hp)										
KCDLK16-20/2	4	5.5	H (m)	38	37	36	35	34	32	30	27	24
KCDLK16-30/3	5.5	7.5		57	56	55	54	51	48	45	40	36
KCDLK16-40/4	7.5	10		76	75	73	72	68	64	60	54	49
KCDLK16-50/5	11	15		96	94	92	90	85	80	75	68	62
KCDLK16-60/6	11	15		115	113	111	108	102	96	91	82	75
KCDLK16-70/7	15	20		135	132	129	126	119	113	106	96	88
KCDLK16-80/8	15	20		155	152	148	144	137	130	122	111	101
KCDLK16-100/10	18.5	25		197	192	187	181	174	165	153	139	127

● 외형 치수



단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

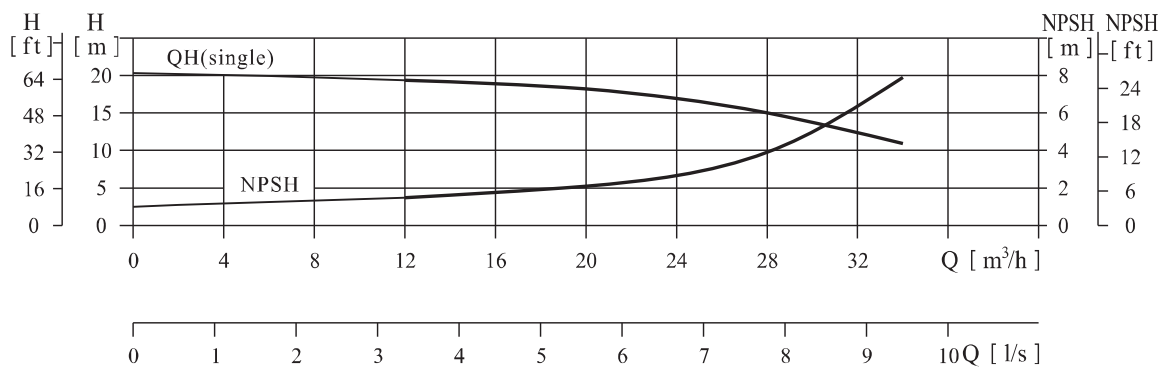
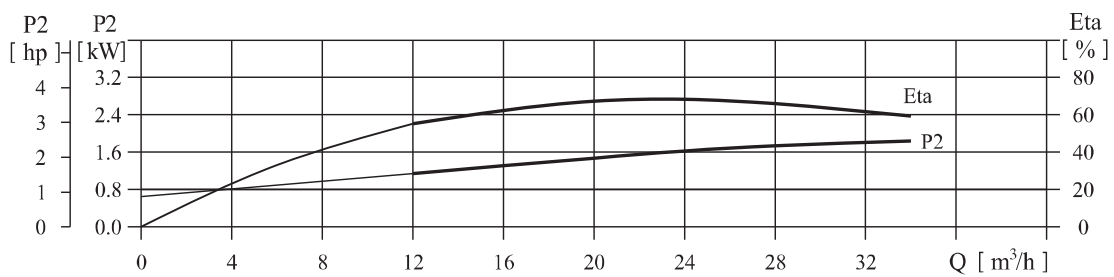
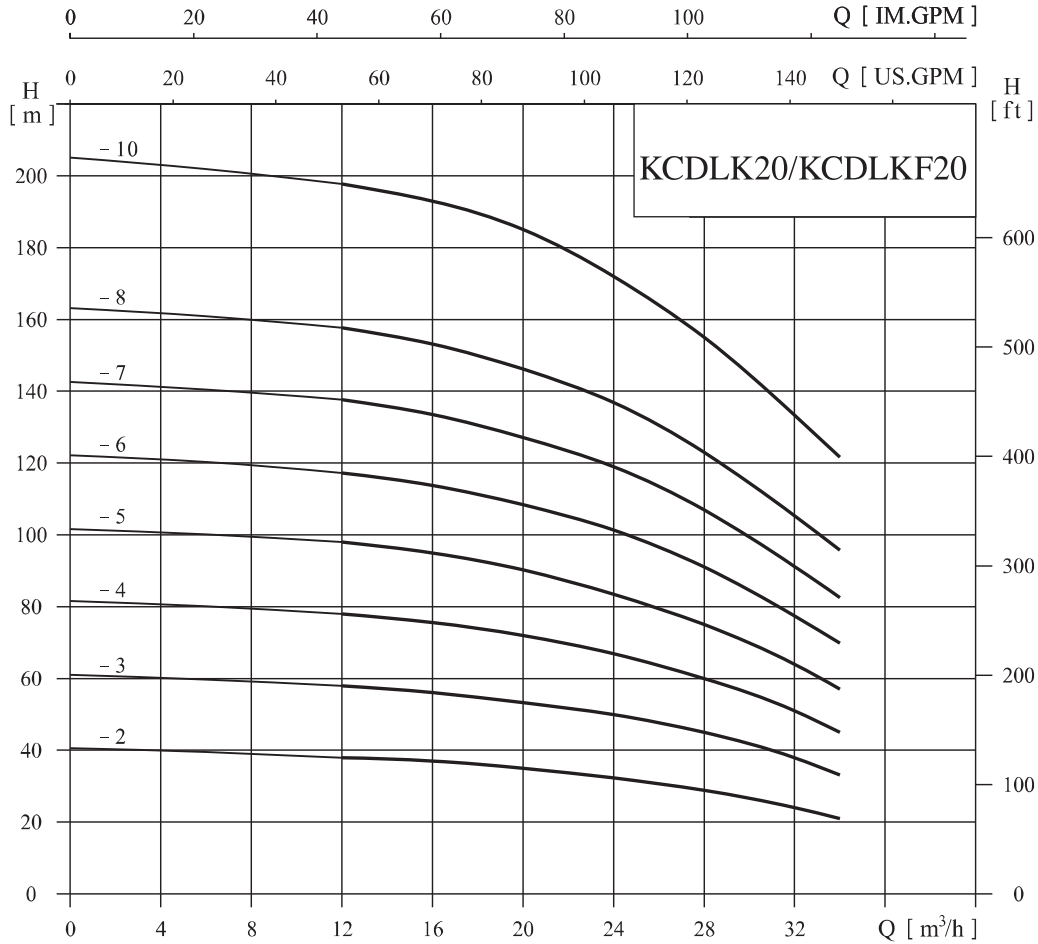
Model	Size (mm)					Weight (kg)
	A	B	C	D	D1	
KCDLK16-20/2	674	180	494	185	230	50
KCDLK16-30/3	774	225	549	210	260	65
KCDLK16-40/4	819	270	549	210	260	75
KCDLK16-50/5	1015	315	700	255	330	130
KCDLK16-60/6	1060	360	700	255	330	132
KCDLK16-70/7	1105	405	700	255	330	140
KCDLK16-80/8	1150	450	700	255	330	140
KCDLK16-100/10	1290	540	750	255	330	150

KCDLK/KCDLK20,60Hz

침수형 다단 원심 펌프

● 성능 곡선

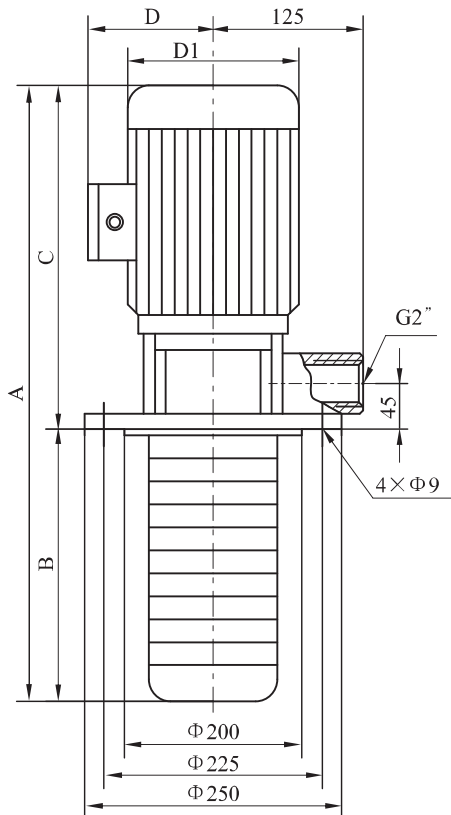
ISO9906 Annex A



● 성능표

Model	Driving motor		Q (m ³ /h)	12	16	20	24	28	32	34
	(kW)	(hp)								
KCDLK20-20/2	4	5.5	H (m)	38	37	35	32	29	24	21
KCDLK20-30/3	5.5	7.5		58	56	53	50	45	38	33
KCDLK20-40/4	7.5	10		78	75	72	67	60	51	45
KCDLK20-50/5	11	15		98	94	90	85	75	64	57
KCDLK20-60/6	11	15		118	113	108	102	91	77	70
KCDLK20-70/7	15	20		138	133	127	119	107	91	83
KCDLK20-80/8	15	20		158	153	146	137	123	105	96
KCDLK20-100/10	18.5	25		198	193	185	172	155	133	122

● 외형 치수



단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

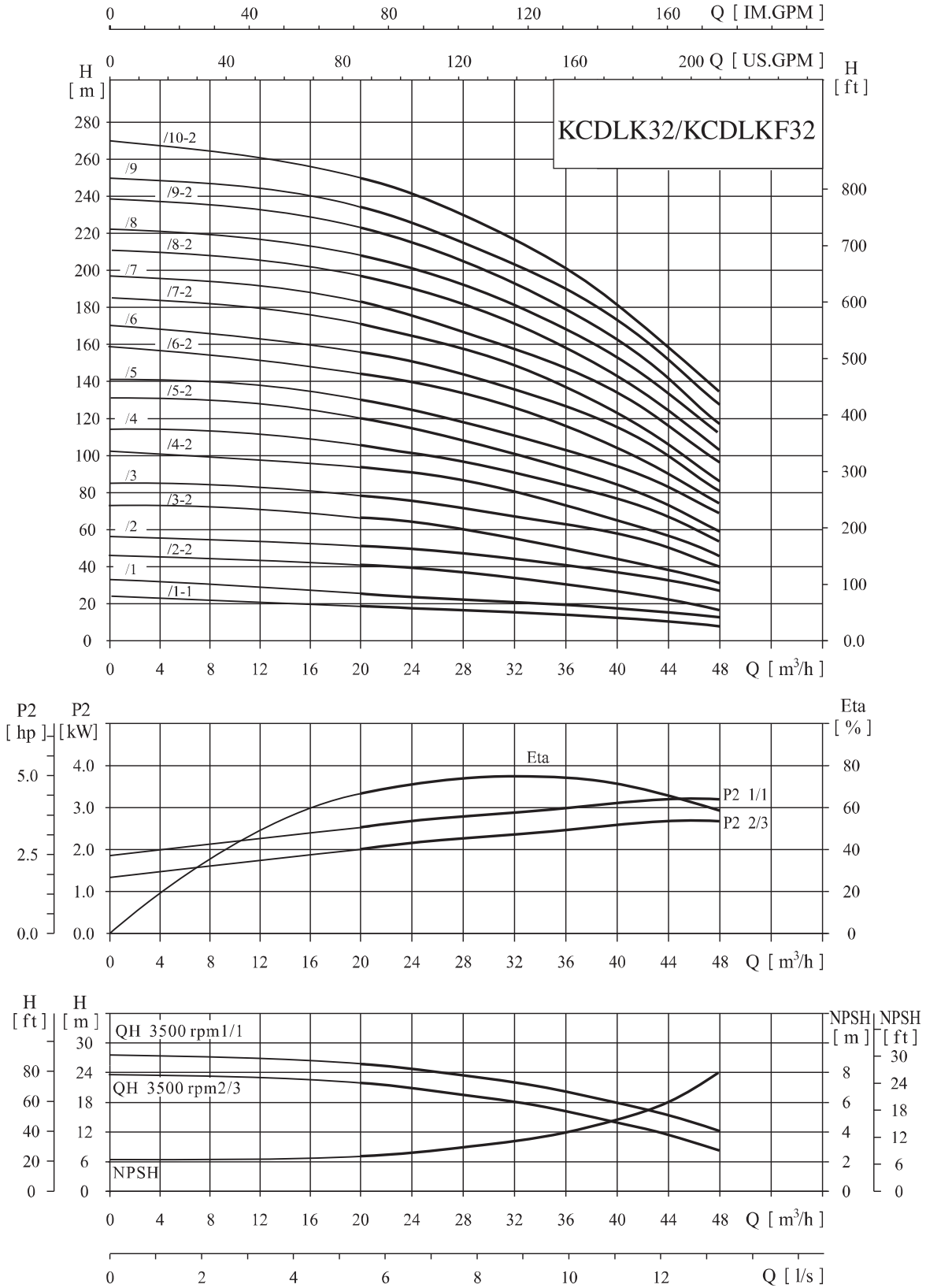
Model	Size (mm)					Weight (kg)
	A	B	C	D	D1	
KCDLK20-20/2	674	180	494	185	230	50
KCDLK20-30/3	774	225	549	210	260	65
KCDLK20-40/4	819	270	549	210	260	75
KCDLK20-50/5	1015	315	700	255	330	130
KCDLK20-60/6	1060	360	700	255	330	132
KCDLK20-70/7	1105	405	700	255	330	140
KCDLK20-80/8	1150	450	700	255	330	140
KCDLK20-100/10	1290	540	750	255	330	150

KCDLK/KCDLK32,60Hz

침수형 다단 원심 펌프

● 성능 곡선

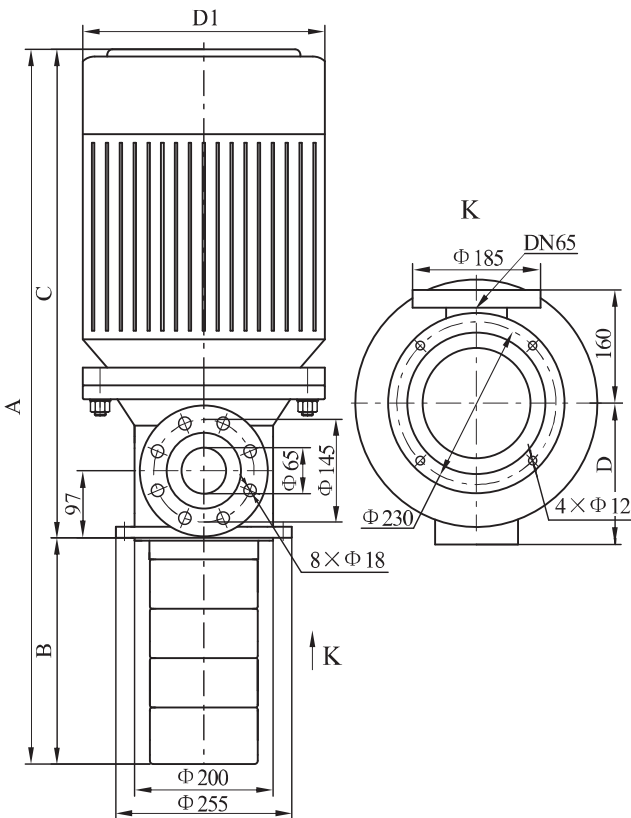
ISO9906 Annex A



● 성능표

Model	Driving motor		Q (m ³ /h)	20	24	28	32	36	40	44	48
	(kW)	(hp)									
KCDLK32-10/1-1	3.0	4	H (m)	20	19	18	17	15	13	10	7
KCDLK32-10/1	4.0	5.5		26	25	24	23	21	19	17	14
KCDLK32-20/2-2	5.5	7.5		41	40	38	35	31	27	22	17
KCDLK32-20/2	7.5	10		52	50	48	45	41	37	33	27
KCDLK32-30/3-2	7.5	10		67	64	61	57	52	46	39	31
KCDLK32-30/3	11	15		78	75	71	67	62	56	50	40
KCDLK32-40/4-2	11	15		94	91	87	81	73	65	56	45
KCDLK32-40/4	15	20		104	101	96	91	83	75	66	55
KCDLK32-50/5-2	15	20		119	115	109	102	94	84	73	59
KCDLK32-50/5	18.5	25		130	125	119	112	104	94	83	69
KCDLK32-60/6-2	18.5	25		145	140	134	126	116	104	90	74
KCDLK32-60/6	18.5	25		155	150	144	136	126	114	100	81
KCDLK32-70/7-2	22	30		172	166	158	149	137	123	106	86
KCDLK32-70/7	22	30		182	176	168	159	148	133	118	97
KCDLK32-80/8-2	22	30		196	190	182	172	159	143	124	102
KCDLK32-80/8	30	40		208	201	192	181	167	152	132	111
KCDLK32-90/9-2	30	40		223	216	206	194	179	162	142	117
KCDLK32-90/9	30	40		234	226	216	204	189	172	152	127
KCDLK32-100/10-2	30	40		248	241	231	217	201	181	159	133

● 외형 치수



단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

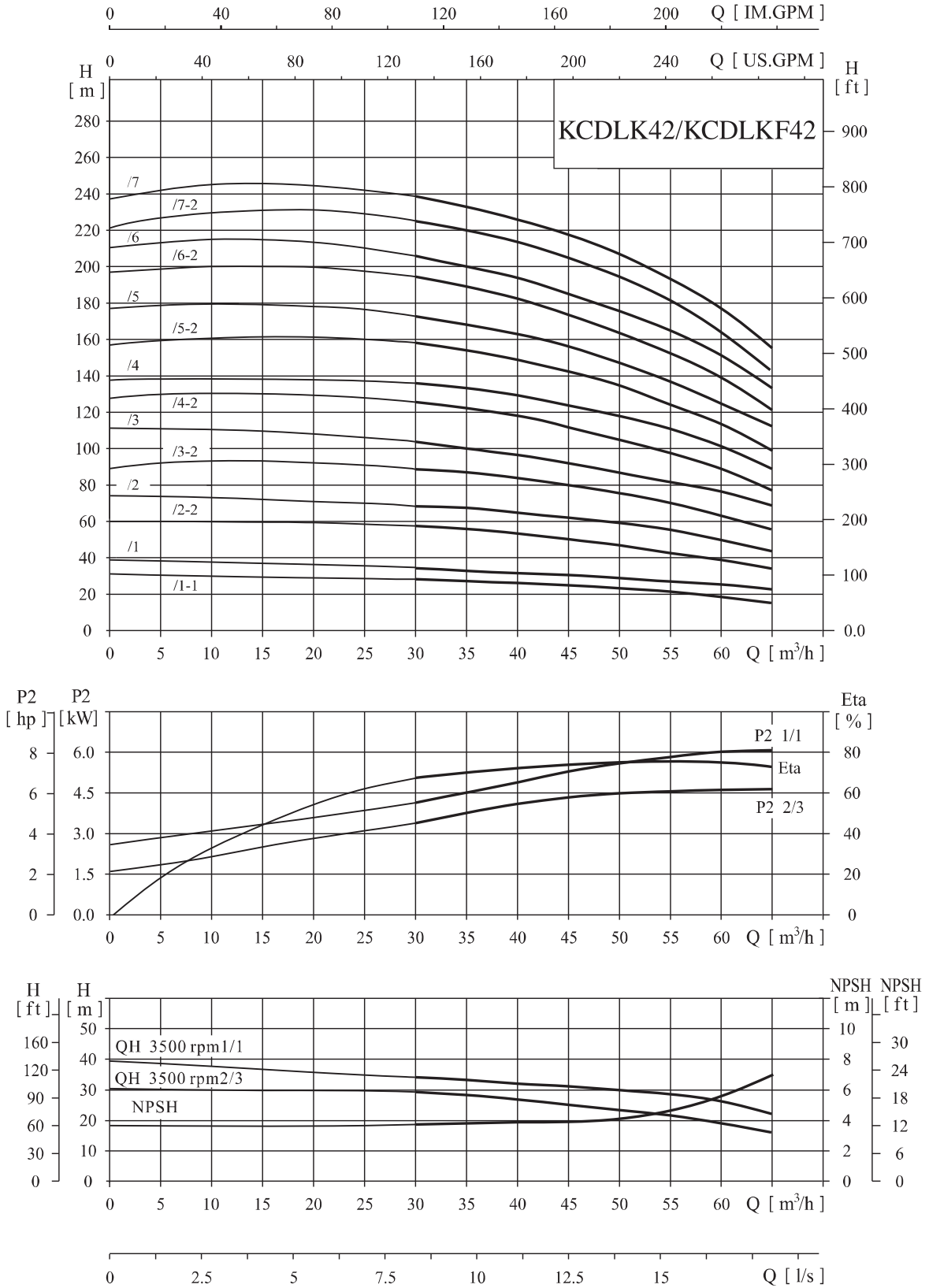
Model	Size (mm)					Weight (kg)
	A	B	C	D	D1	
KCDLK32-10/1-1	676	186	490	165	197	65
KCDLK32-10/1	686	186	500	185	230	75
KCDLK32-20/2-2	811	256	555	210	260	85
KCDLK32-20/2	811	256	555	210	260	95
KCDLK32-30/3-2	881	326	555	210	260	100
KCDLK32-30/3	1044	326	718	255	330	150
KCDLK32-40/4-2	1114	396	718	255	330	155
KCDLK32-40/4	1114	396	718	255	330	185
KCDLK32-50/5-2	1184	466	718	255	330	195
KCDLK32-50/5	1174	466	768	255	330	215
KCDLK32-60/6-2	1304	536	768	255	330	225
KCDLK32-60/6	1304	536	768	255	330	225
KCDLK32-70/7-2	1399	606	793	285	360	260
KCDLK32-70/7	1399	606	793	285	360	260
KCDLK32-80/8-2	1469	676	793	285	360	265
KCDLK32-80/8	1544	676	868	310	400	305
KCDLK32-90/9-2	1614	746	868	310	400	315
KCDLK32-90/9	1614	746	868	310	400	315
KCDLK32-100/10-2	1684	816	868	310	400	325

KCDLK/KCDLK42,60Hz

침수형 다단 원심 펌프

● 성능 곡선

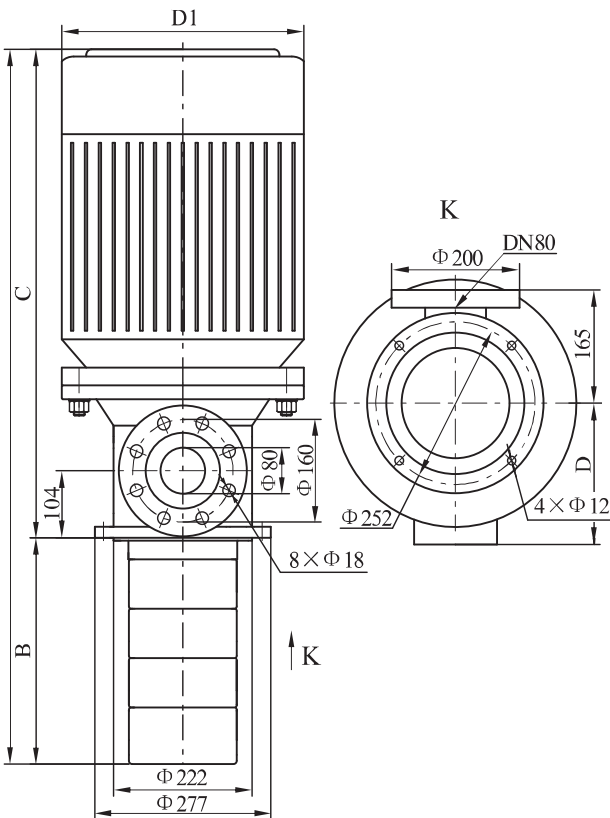
ISO9906 Annex A



● 성능표

Model	Driving motor		Q (m ³ /h)	30	35	40	42	45	50	55	60	65
	(kW)	(hp)										
KCDLK42-10/1-1	5.5	7.5	H (m)	29	28	27	26	25	23	21	19	16
KCDLK42-10/1	7.5	10		34	33	32	31.5	30	29	27	25	22
KCDLK42-20/2-2	11	15		57	55	53	52	49	46	43	38	33
KCDLK42-20/2	15	20		69	67	65	63	61	59	55	50	44
KCDLK42-30/3-2	18.5	25		90	88	85	83	80	75	72	63	55
KCDLK42-30/3	18.5	25		102	100	97	95	92	88	82	76	68
KCDLK42-40/4-2	22	30		125	121	118	115	112	105	98	89	78
KCDLK42-40/4	30	40		136	133	129	126	123	117	112	102	89
KCDLK42-50/5-2	30	40		159	154	149	146	142	134	121	115	99
KCDLK42-50/5	30	40		171	166	161	158	154	145	138	126	112
KCDLK42-60/6-2	37	50		194	188	182	178	173	163	155	139	122
KCDLK42-60/6	37	50		205	200	193	190	186	176	166	152	134
KCDLK42-70/7-2	45	60		227	220	213	210	205	193	182	165	144
KCDLK42-70/7	45	60		239	232	226	221	216	204	194	178	157

● 외형 치수



단상 모터와 방폭 모터의 전체 치수는 약간 다릅니다. 자세한 내용은 문의 바랍니다.

● 사이즈, 중량

Model	Size (mm)					Weight (kg)
	A	B	C	D	D1	
KCDLK42-10/1-1	767	198	569	210	260	83
KCDLK42-10/1	767	198	569	210	260	88
KCDLK42-20/2-2	1010	278	732	255	330	129
KCDLK42-20/2	1010	278	732	255	330	162
KCDLK42-30/3-2	1140	358	782	255	330	175
KCDLK42-30/3	1140	358	782	255	330	175
KCDLK42-40/4-2	1245	438	807	285	360	232
KCDLK42-40/4	1320	438	882	310	400	310
KCDLK42-50/5-2	1400	518	882	310	400	315
KCDLK42-50/5	1400	518	882	310	400	315
KCDLK42-60/6-2	1480	598	882	310	400	338
KCDLK42-60/6	1480	598	882	310	400	338
KCDLK42-70/7-2	1595	678	917	345	450	408
KCDLK42-70/7	1595	678	917	345	450	408

KMS / KMSS 50Hz/60Hz

횡형 원심 펌프



일반자료

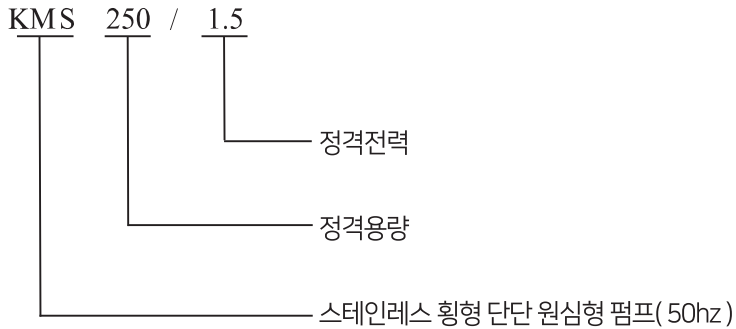
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운전 조건	102
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기술자료

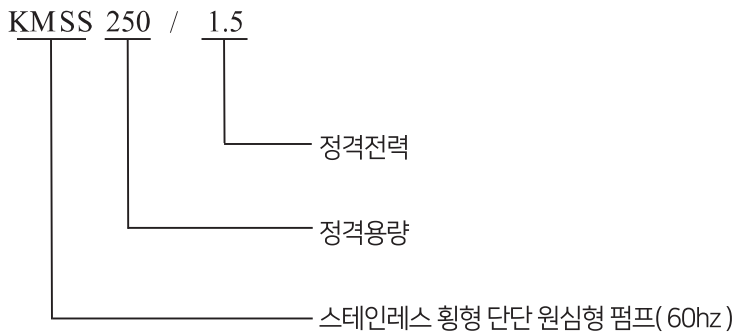
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● 모델의 정의

KMS250/1.5



KMSS250/1.5



● 구조 특징

- KMS / KMSS 시리즈 펌프는 단일 단계 원심 펌프이며, 흡입 및 방사상 배출이 특징입니다
- 컴팩트 한 구조, 펌프는 모터, 동축 설치와 직접 연결됩니다.
- 편리한 설치, 나사타입의 입구 및 출구
- 주요 부품 및 구성 부품을 위한 경량, 박판 프레스 구조
- 약내식성, 접촉 부분의 재질은 AISI316 스테인레스 스틸

● 적용 사례

- 산업 및 민간 용수 또는 기타 액체의 가압 및 펌핑
- 수처리
- 물 순환 시스템
- 관개 농업
- 기타 분야

● 액체 이송

- 얇고 깨끗하며 불연성이며 폭발성이며 고체 입자와 섬유로 액체를 포함하지 않습니다.
- 가벼운 부식성 매체를 전달할 수 있음
(고무 및 기계적 밀봉재에 부식 발생 여부와 상관없이 매체의 염화물 이온 함량, 산 또는 알칼리의 두께와 관련됨)
- 투과 된 edium의 밀도가 깨끗한 물의 밀도보다 낮고, 점도가 물의 밀도에 가깝습니다.
그렇지 않으면 큰 동력의 모터가 필요합니다

● 운전 조건

- 액체 온도: -10°C ~ +85°C
- 대기 온도: 최대 +40°C
- 고도: 최대 1,000m
- 시스템 최대 압력은 8 바

● 모터

- TEFC motor, 2-pole
- 보호등급: IP55
- 절연등급: F
- 표준전압: 50hz 1 x 220V
3 x 380V / 3 x 220V
- 표준전압: 60hz 1 x 220V
3 x 380V / 3 x 220V

● 설치 조건

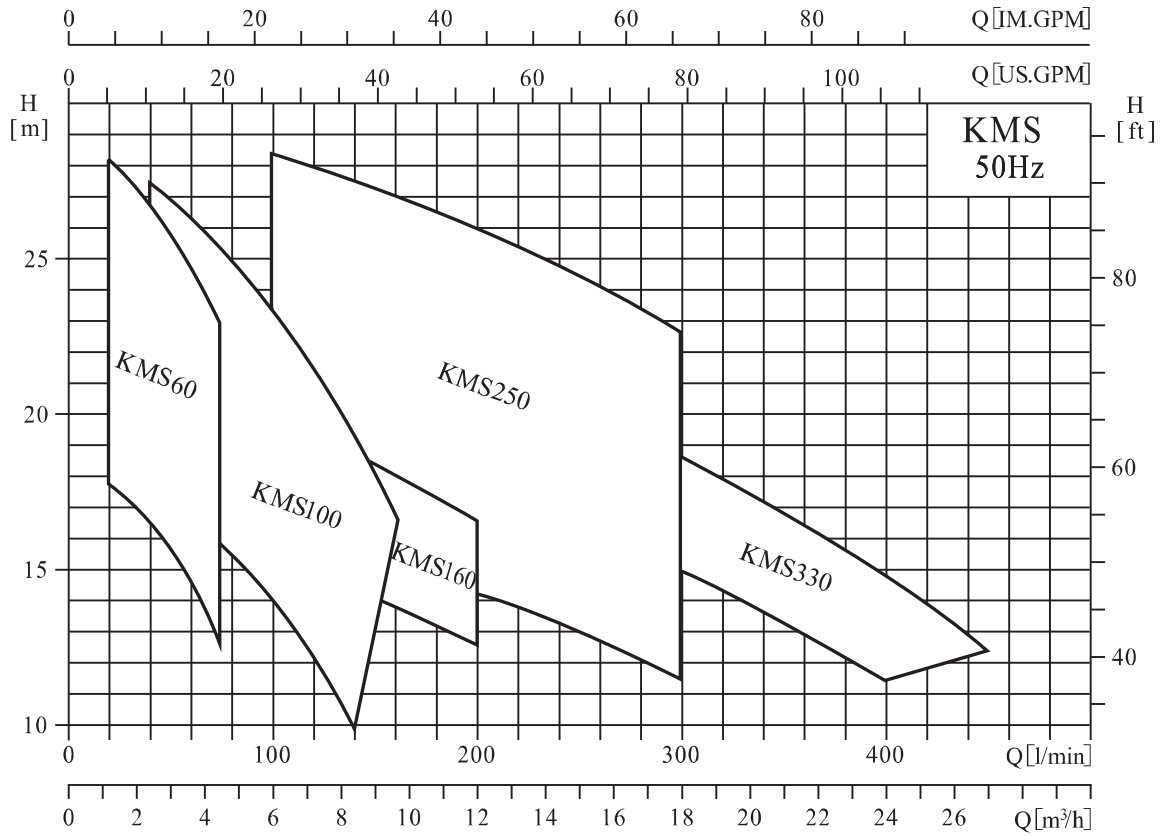
- 펌프는 안정적인 수평 받침대에 고정되어야 합니다.
- 펌프의 설치는 펌프가 파이프 라인의 장력에 영향을 받지 않도록 해야 합니다
- 모터의 정상적인 작동을 보장하기 위해 펌프를 환기 및 동결 방지 장소에 설치해야 합니다.
- 전기 배선 장치는 위상 불안정 전압 부족으로 펌프가 손상되지 않도록 보장해야 합니다.

● 곡선

기술 데이터에 성능 곡선 포함

- 모든 곡선은 50hz의: 모터 속도 2850rpm, 60hz: 모터 속도 3450rpm을 기준으로 합니다.
- 20 도의 공기가없는 물, 1mm²/sec의 동점도를 사용하여 측정
- ISO9906에 따른 곡선 공차: 2012 Grade 3B
- 펌프 작동은 유량이 클 경우 모터 과부하를 방지하기 위해 성능 영역을 참조해야 합니다

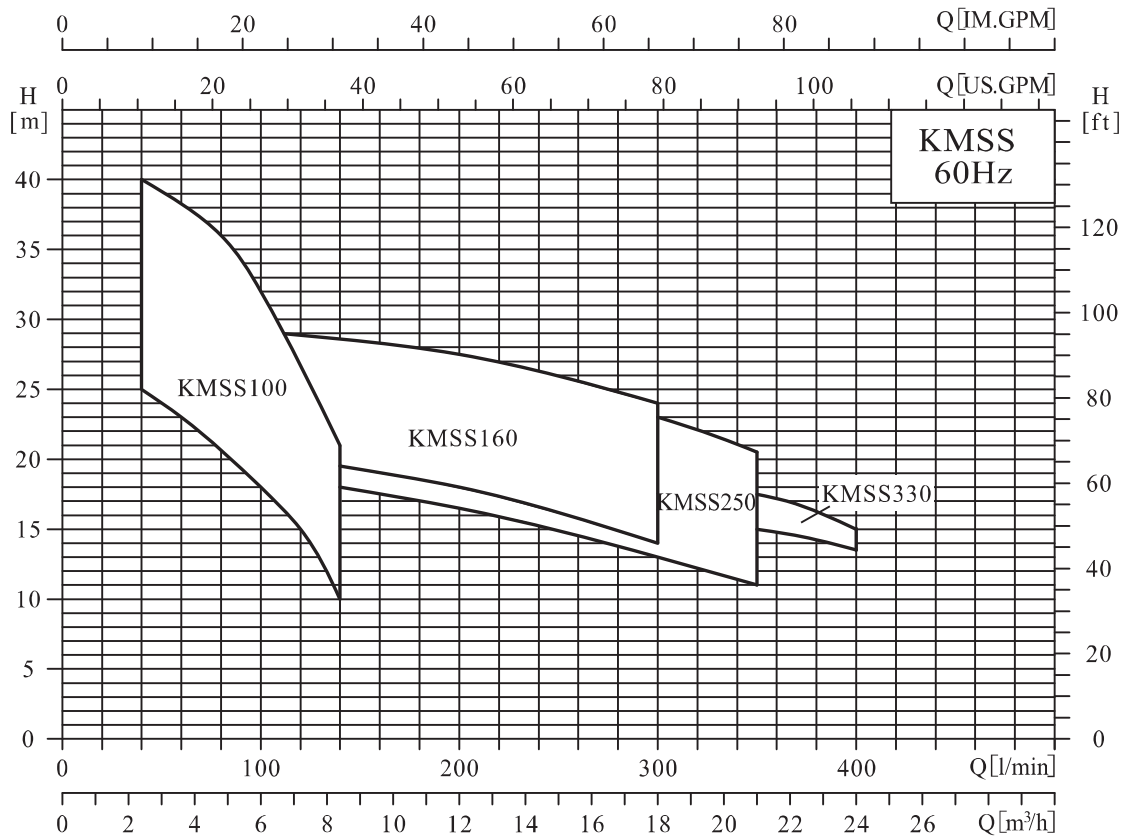
● 성능범위 - 50Hz



● 성능표

Model	Driving motor		Q(l/min)	20	40	60	80	100	120	140	160	200	250	300	330	350	400	450	
	(kW)	(hp)																	
			Q(m³/h)	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	12	15	18	20	21	24	27	
KMS60/0.37	0.37	0.5	H (m)	17.7	16.4	14.6	11.4												
KMS60/0.55	0.55	0.75		22.7	21.3	19.5	16.2												
KMS60/0.75	0.75	1		28.2	26.8	25	22												
KMS100/0.55	0.55	0.75			17.8	16.7	15.4	14	12.2	9.9									
KMS100/1.1	1.1	1.5			27.4	26.3	25	23.4	21.5	19.5	16.7								
KMS160/0.75	0.75	1				15.5	15.3	15	14.8	14.3	13.8	12.5							
KMS160/1.1	1.1	1.5				19.7	19.5	19.3	19.1	18.7	18.2	16.5							
KMS250/1.1	1.1	1.5						15.8	15.6	15.4	15	14.3	13	11.5					
KMS250/1.5	1.5	2						23.2	23	22.7	22.2	21.4	19.8	17.7					
KMS250/2.2	2.2	3						28.2	27.8	27.5	27	26.2	24.6	22.6					
KMS330/1.5	1.5	2							18.8	18.7	18.5	17.8	16.7	15	14	13.5	11.6		
KMS330/2.2	2.2	3							22.5	22.2	22	21.5	20.3	18.7	17.5	16.8	14.8	12.3	

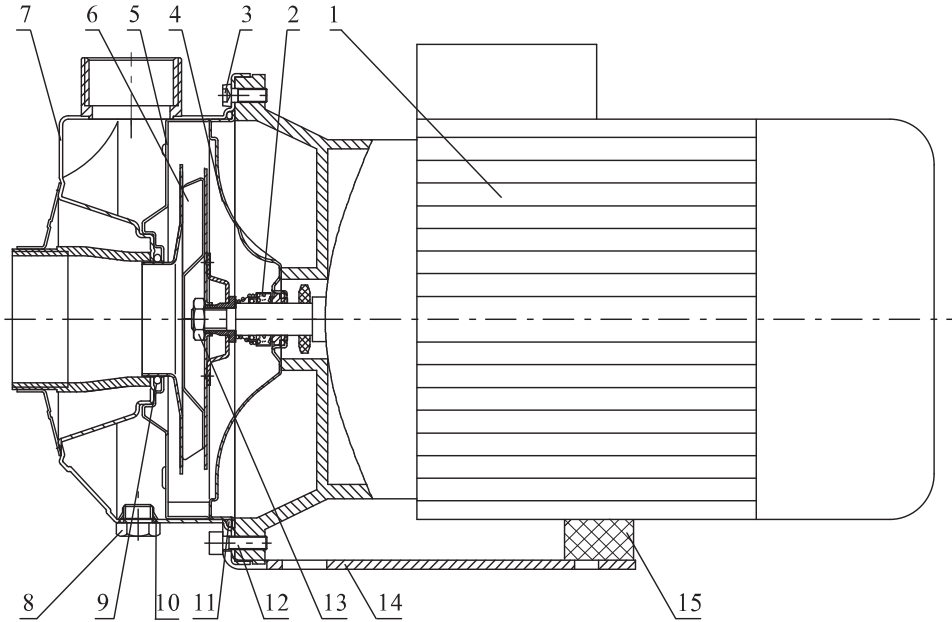
● 성능범위 - 60Hz



● 성능표

Model	Driving motor		Q(l/min)	Q(m³/h)															
	(kW)	(hp)		20	40	60	80	100	120	140	160	200	250	300	330	350	400		
KMSS100/0.75	0.75	1	H (m)	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	12	15	18	20	21	24		
KMSS100/1.1	1.1	1.5		25	23	21	17	15	10										
KMSS100/1.5	1.5	2		33	31	29	25	21	15										
KMSS160/1.1	1.1	1.5		40	38	36	32	27	22										
KMSS160/1.5	1.5	2					20.5	20	19.5	19	18	17	14						
KMSS160/2.2	2.2	3					25.5	25	24.5	24	23	22	20						
KMSS250/1.1	1.1	1.5					29	28.8	28.5	28	27.5	26	24						
KMSS250/1.5	1.5	2								18.5	18	17.5	16.5	15	13	12	11		
KMSS250/2.2	2.2	3								22.5	22	21.5	20.5	18.5	16	14	13		
KMSS330/1.5	1.5	2								28.5	28	27.5	26.5	25	23	21.5	20.5		
KMSS330/2.2	2.2	3										19.5	19	18.5	18	16.5	16	15	13.5
												23	22.5	22	20.5	19.5	18.5	17.5	15

● 단면도

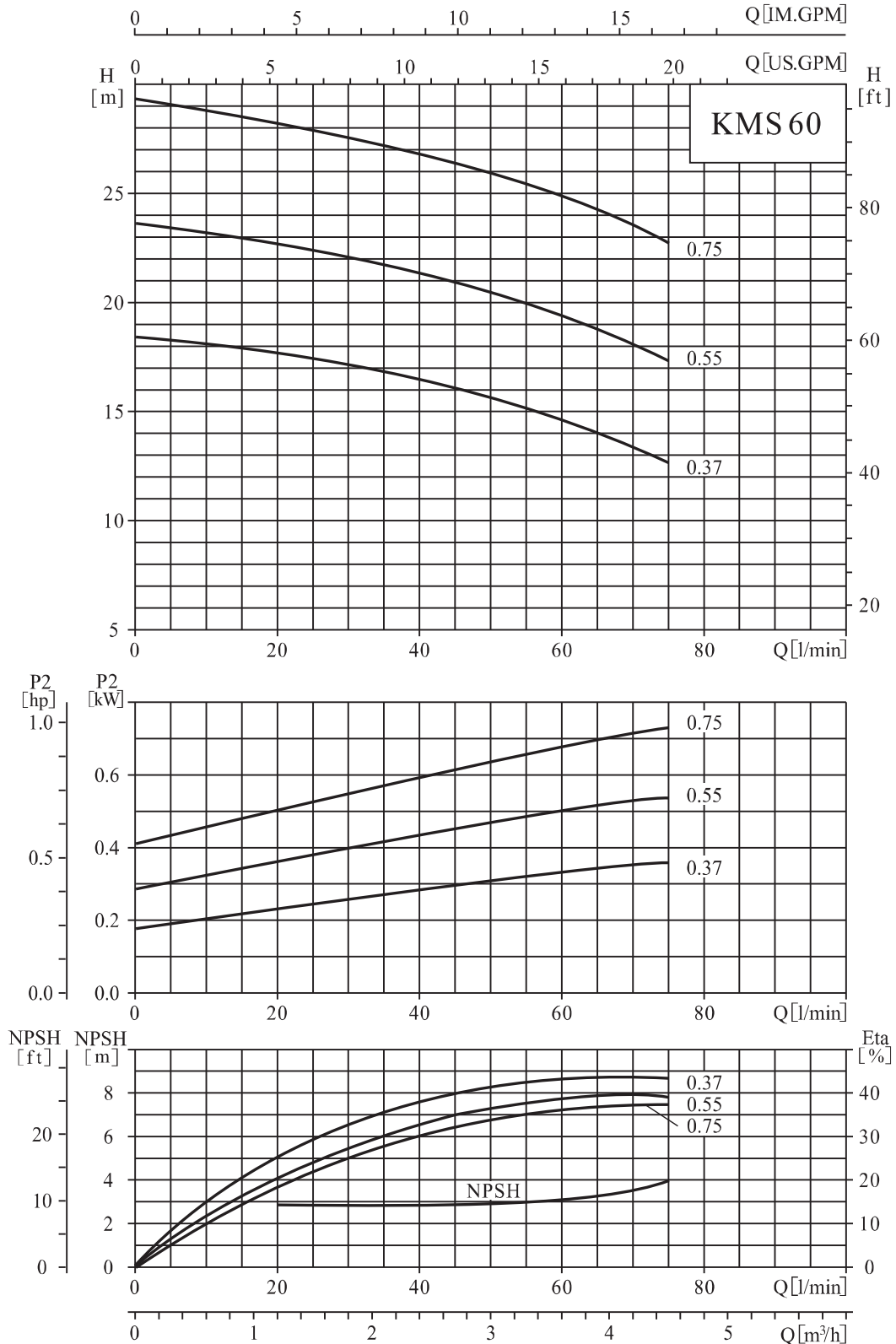


● 재질

NO.	Parts Name	Material	AISI
1	Motor		
2	Mechanical seal	Carbon / Silicon Carbide	
3	M6 × 15 / Screw	06Cr19Ni10/SS304	AISI304
4	Seal base	06Cr19Ni10/SS304	AISI304
5	Diffuser	06Cr19Ni10/SS304	AISI304
6	Impeller	06Cr19Ni10/SS304	AISI304
7	Pump body	06Cr19Ni10/SS304	AISI304
8	Vent	06Cr19Ni10/SS304	AISI304
9	O-Ring	NBR	
10	O-Ring	NBR	
11	O-Ring	NBR	
12	M6 × 20 / Screw	06Cr19Ni10/SS304	AISI304
13	Nut M10	06Cr19Ni10/SS304	AISI304
14	Base	Steel	A570
15	Support foot	NBR	

● 성능 곡선

ISO9906 Annex A

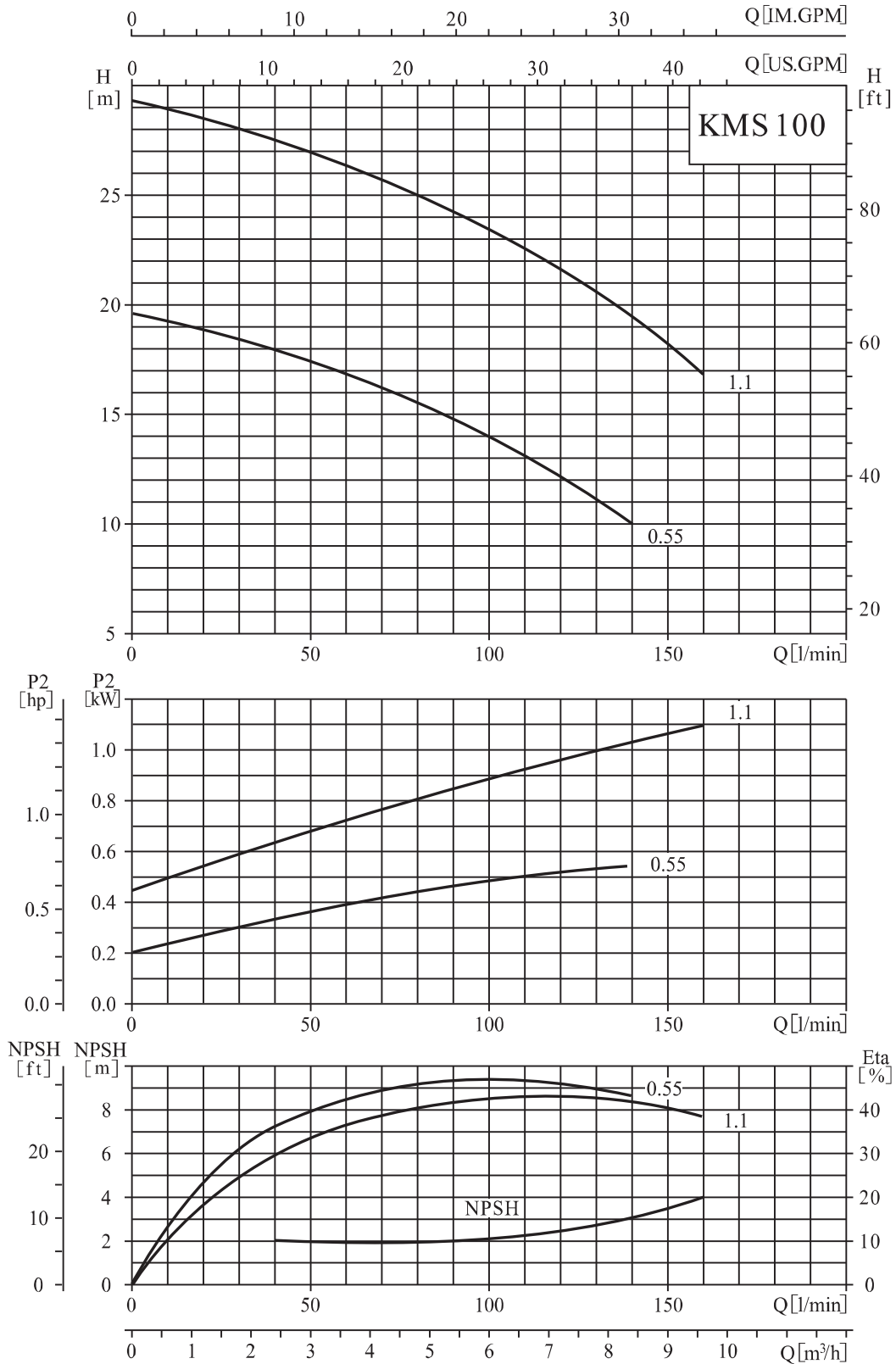


KMS100,50Hz

횡형 원심 펌프

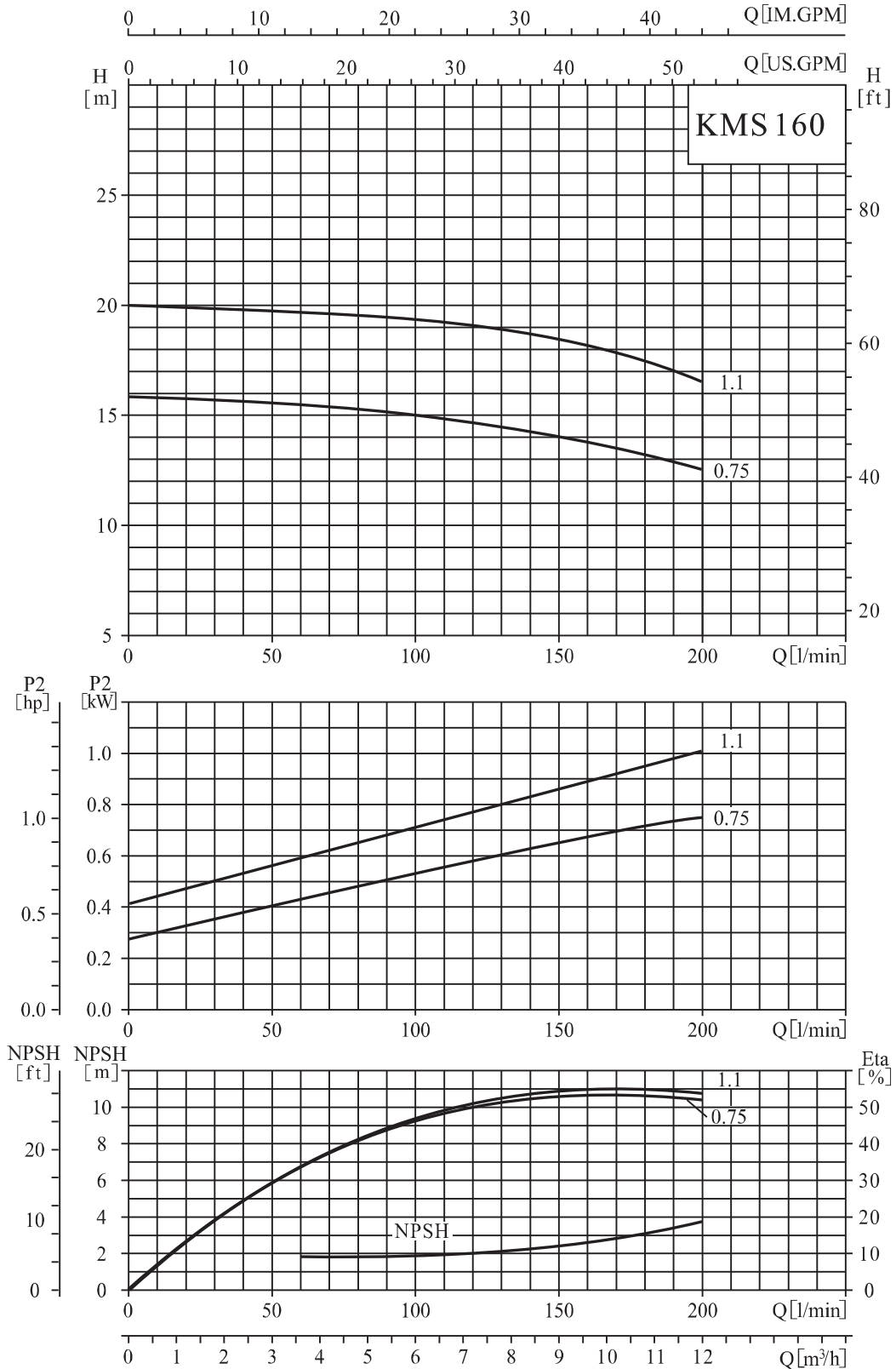
● 성능 곡선

ISO9906 Annex A



● 성능 곡선

ISO9906 Annex A

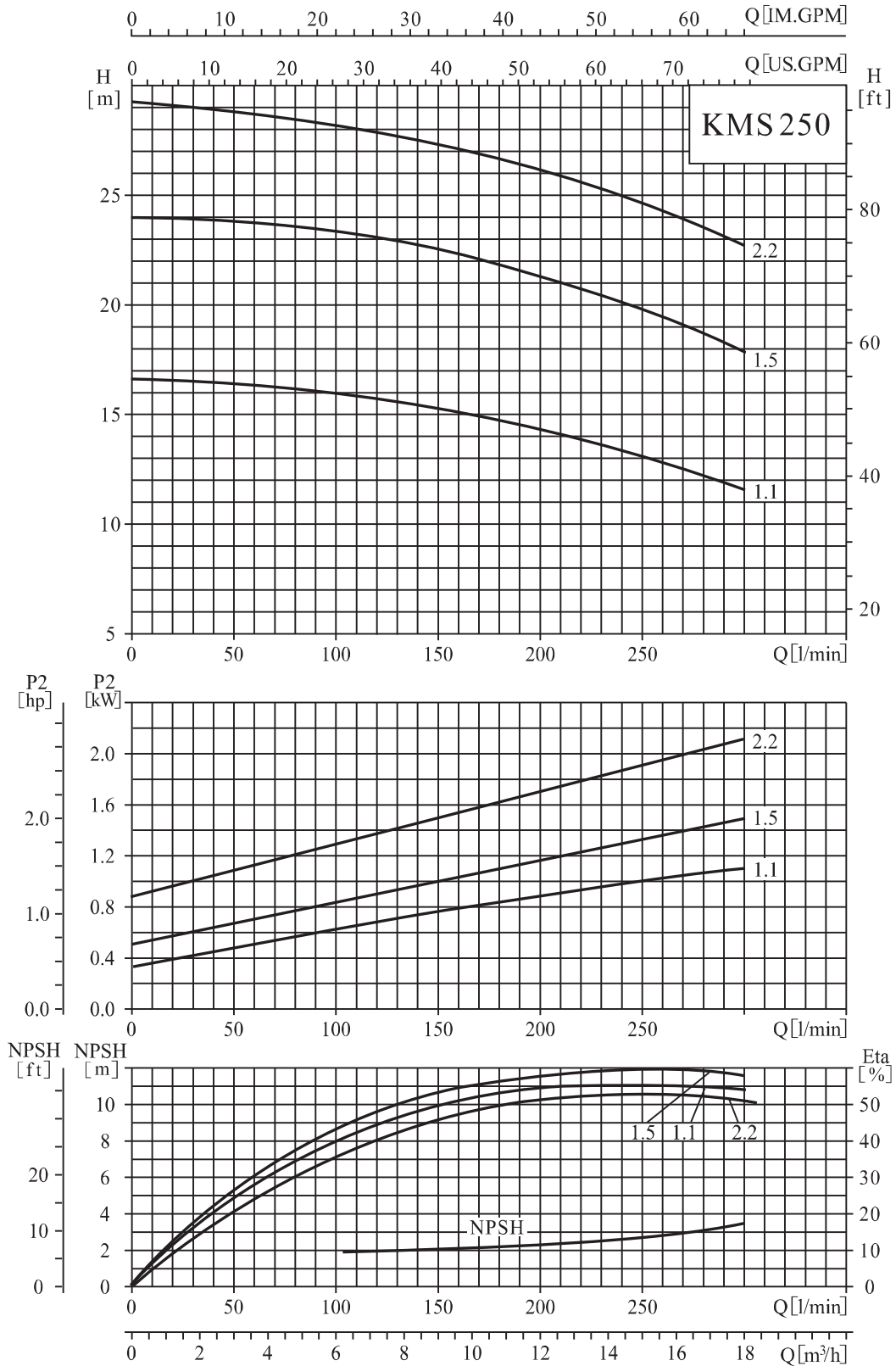


KMS250,50Hz

횡형 원심 펌프

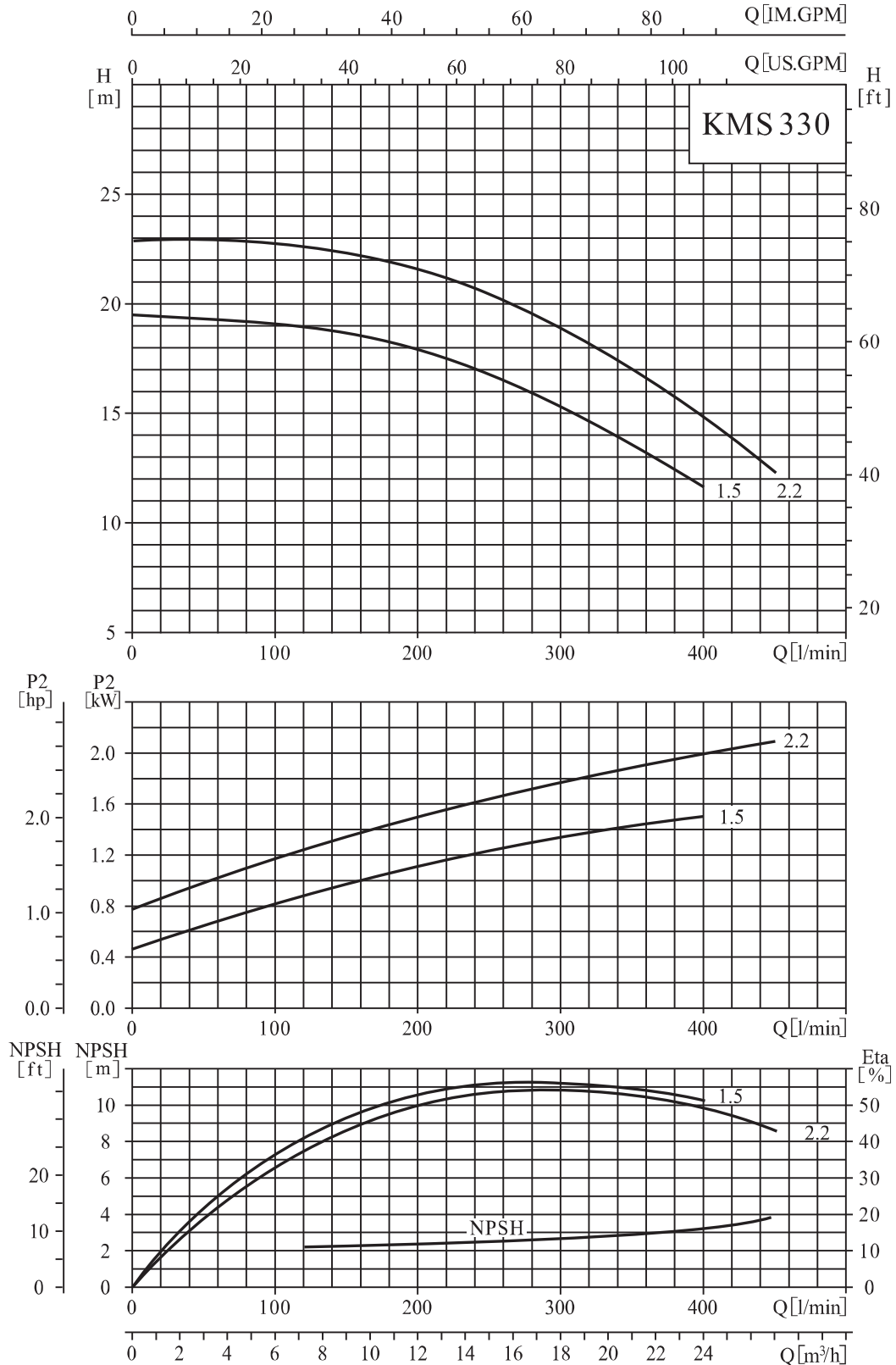
● 성능 곡선

ISO9906 Annex A



● 성능 곡선

ISO9906 Annex A

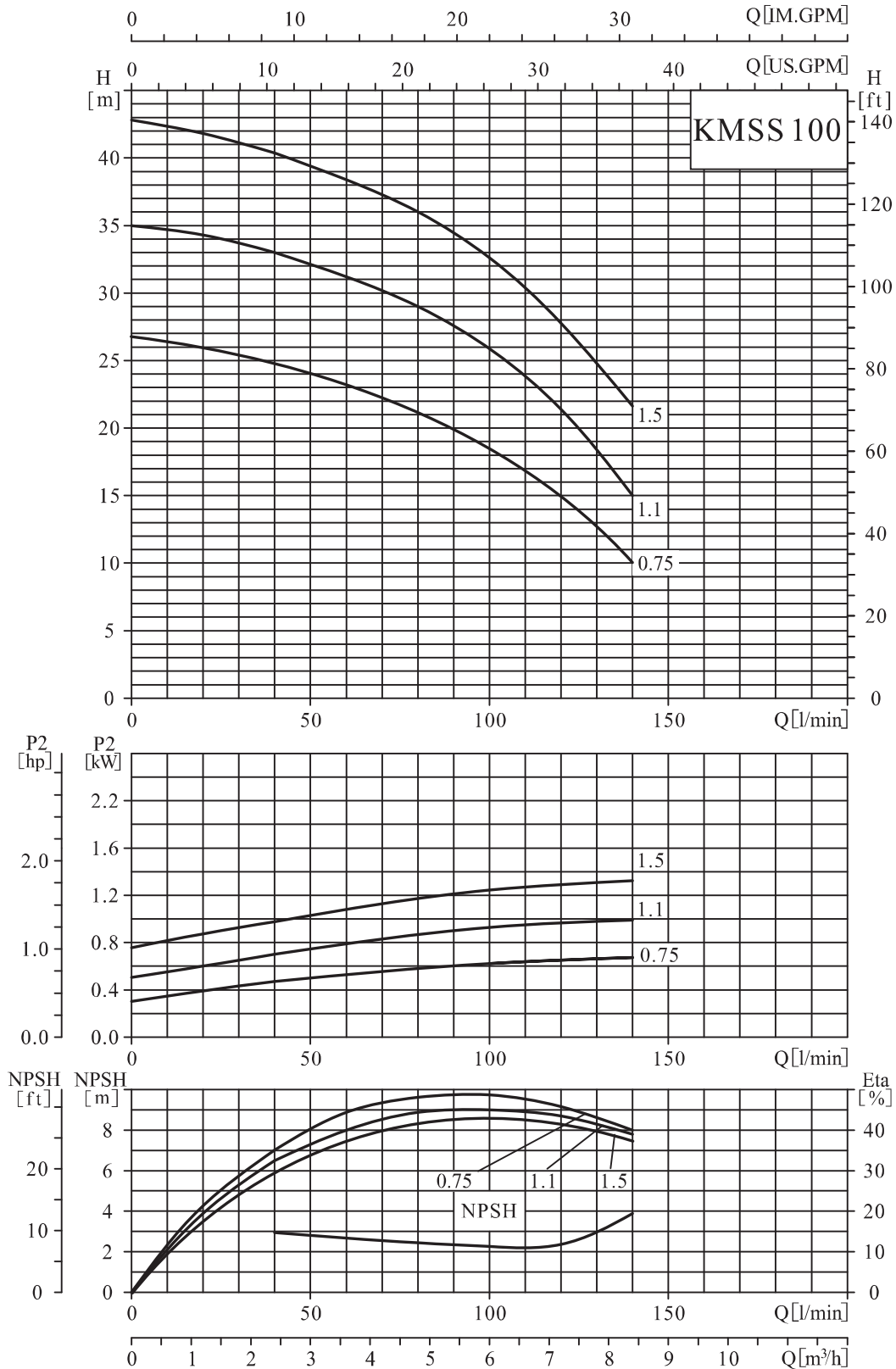


KMSS100,60Hz

횡형 원심 펌프

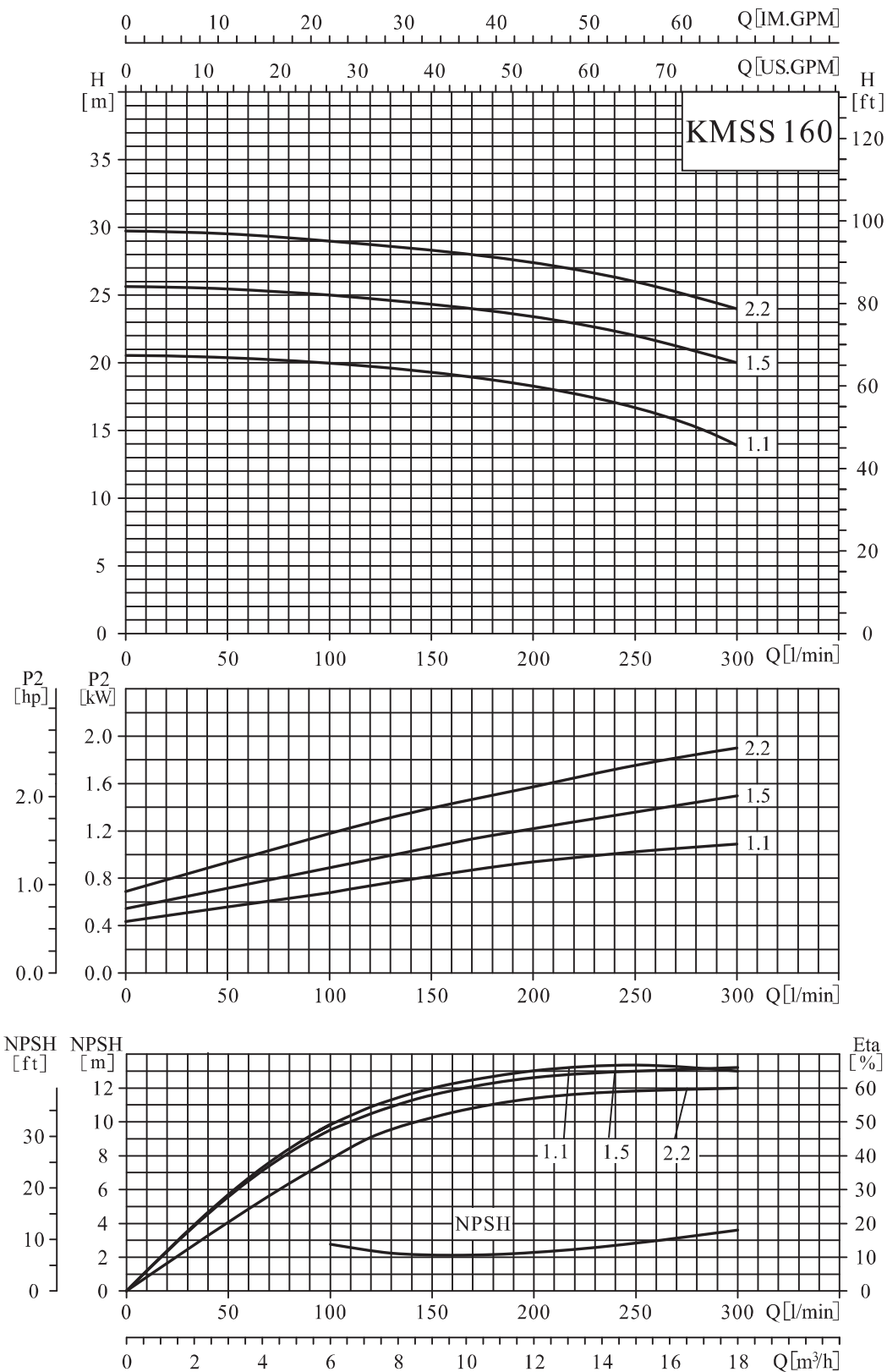
● 성능 곡선

ISO9906 Annex A



● 성능 곡선

ISO9906 Annex A

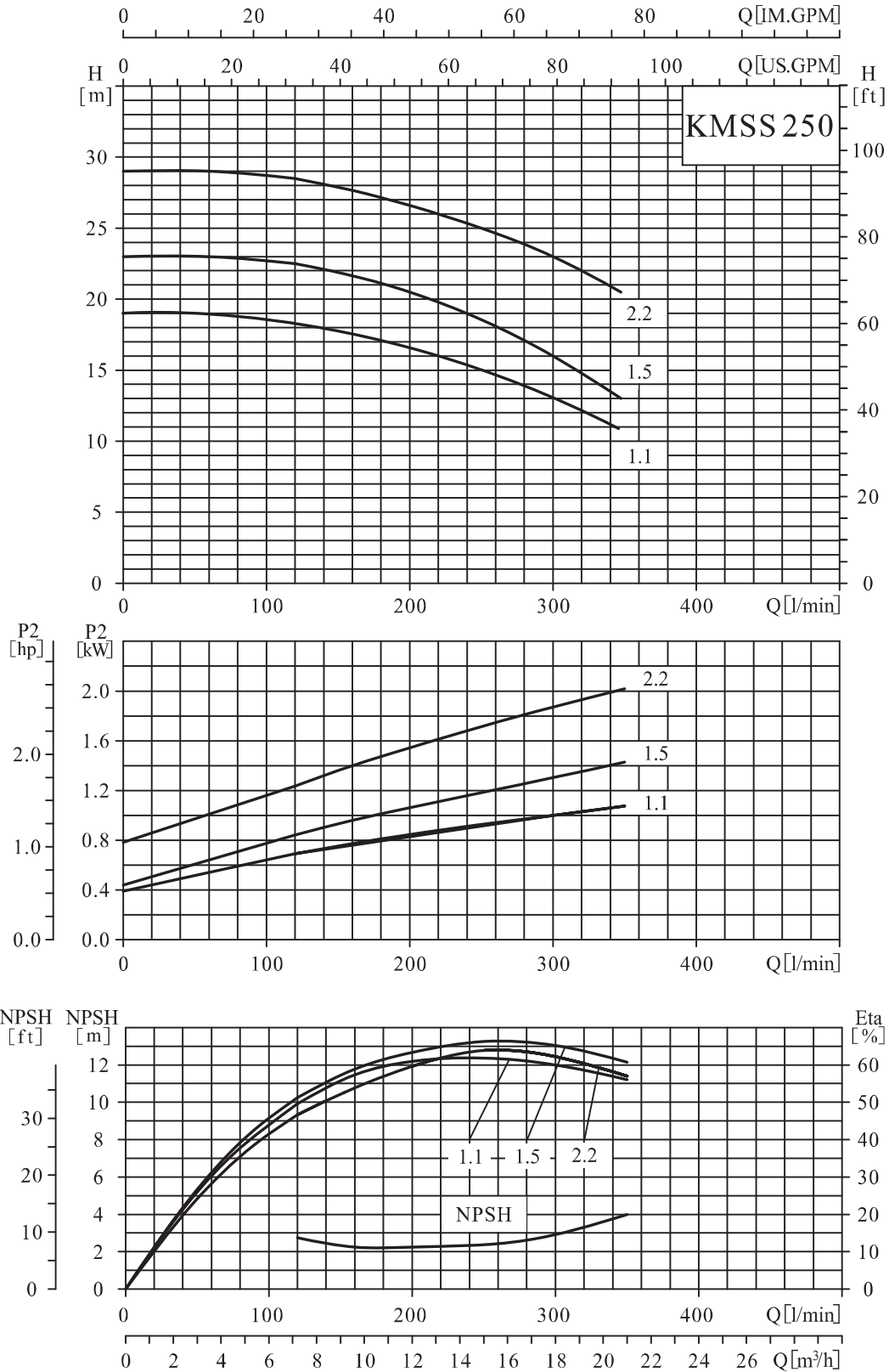


KMSS250, 60Hz

횡형 원심 펌프

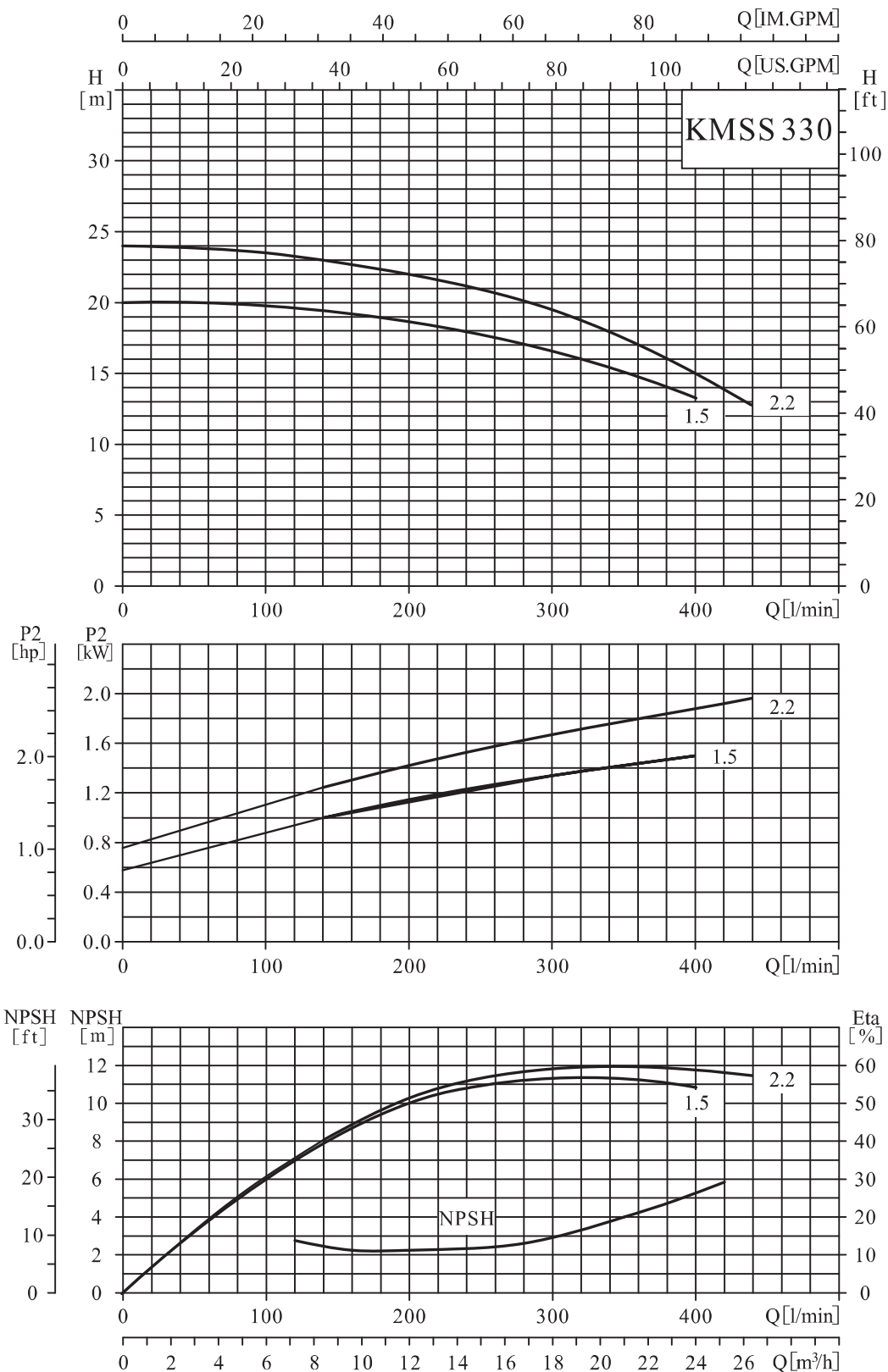
● 성능 곡선

ISO9906 Annex A

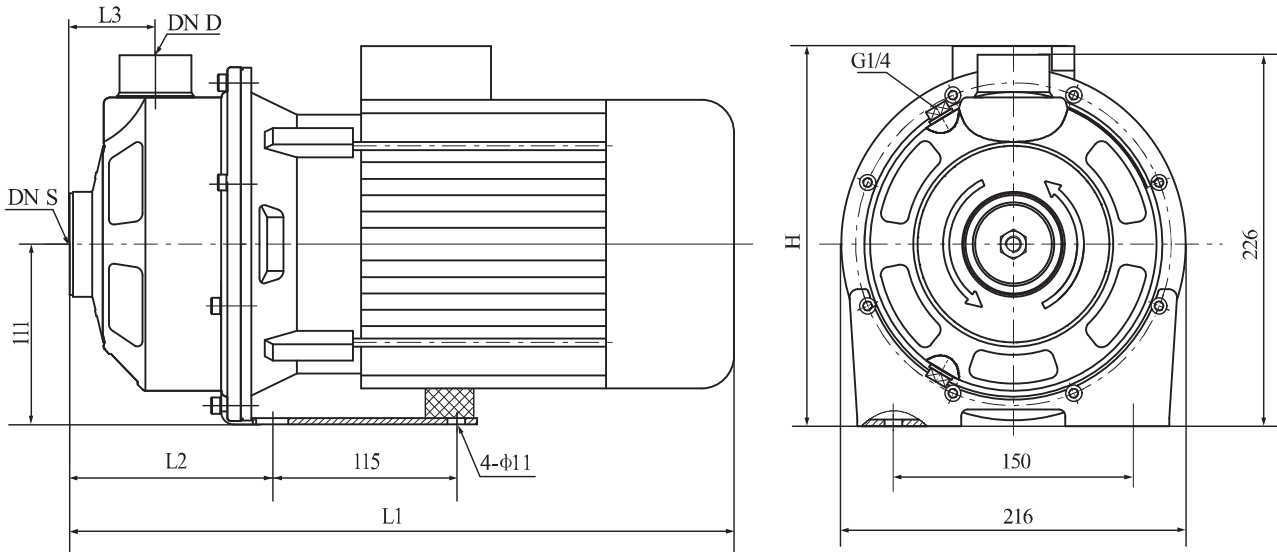


● 성능 곡선

ISO9906 Annex A



● 외형 치수



● 사이즈, 중량 - 50Hz

Model	Motor			L1	L2	L3	H	DN S	DN D	Weight
	Phase	kW	hp	mm				Inlet	Outlet	kg
KMS60/0.37	3PH/1PH	0.37	0.5	328	113	51	216 / 230	G1 $\frac{1}{4}$	G1	10
KMS60/0.55		0.55	0.75	328	113	51	216 / 230	G1 $\frac{1}{4}$	G1	12
KMS60/0.75		0.75	1	361	113	51	223 / 245	G1 $\frac{1}{4}$	G1	14
KMS100/0.55		0.55	0.75	328	113	51	216 / 230	G1 $\frac{1}{4}$	G1	12
KMS100/1.1		1.1	1.5	361	113	51	223 / 245	G1 $\frac{1}{4}$	G1	16
KMS160/0.75		0.75	1	375	127	54	223 / 245	G1 $\frac{1}{2}$	G1 $\frac{1}{4}$	14
KMS160/1.1		1.1	1.5	375	127	54	223 / 245	G1 $\frac{1}{2}$	G1 $\frac{1}{4}$	16
KMS250/1.1		1.1	1.5	375	127	54	223 / 245	G1 $\frac{1}{2}$	G1 $\frac{1}{4}$	16
KMS250/1.5		1.5	2	415	127	54	232 / 253	G1 $\frac{1}{2}$	G1 $\frac{1}{4}$	20
KMS250/2.2		2.2	3	415	127	54	232 / 253	G1 $\frac{1}{2}$	G1 $\frac{1}{4}$	23
KMS330/1.5		1.5	2	415	127	54	232 / 253	G2	G1 $\frac{1}{4}$	20
KMS330/2.2		2.2	3	415	127	54	232 / 253	G2	G1 $\frac{1}{4}$	23

● 사이즈, 중량 - 60Hz

Model	Motor			L1	L2	L3	H	DN S	DN D	Weight
	Phase	kW	hp	mm				Inlet	Outlet	kg
KMSS100/0.75	3PH/1PH	0.75	1	361	113	51	223 / 245	G1 $\frac{1}{4}$	G1	14
KMSS100/1.1		1.1	1.5	361	113	51	223 / 245	G1 $\frac{1}{4}$	G1	14
KMSS100/1.5		1.5	2	401	113	51	232 / 253	G1 $\frac{1}{4}$	G1	20
KMSS160/1.1		1.1	1.5	375	127	54	223 / 245	G1 $\frac{1}{2}$	G1 $\frac{1}{4}$	16
KMSS160/1.5		1.5	2	415	127	54	232 / 253	G1 $\frac{1}{2}$	G1 $\frac{1}{4}$	20
KMSS160/2.2		2.2	3	415	127	54	232 / 253	G1 $\frac{1}{2}$	G1 $\frac{1}{4}$	23
KMSS250/1.1		1.1	1.5	375	127	54	223 / 245	G1 $\frac{1}{2}$	G1 $\frac{1}{4}$	16
KMSS250/1.5		1.5	2	415	127	54	232 / 253	G1 $\frac{1}{2}$	G1 $\frac{1}{4}$	20
KMSS250/2.2		2.2	3	415	127	54	232 / 253	G1 $\frac{1}{2}$	G1 $\frac{1}{4}$	23
KMSS330/1.5		1.5	2	415	127	54	232 / 253	G2	G1 $\frac{1}{4}$	20
KMSS330/2.2	2.2	3	415	127	54	232 / 253	G2	G1 $\frac{1}{4}$	23	

KZS 50Hz/60Hz

스테인레스 횡형 원심 펌프



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● 소개

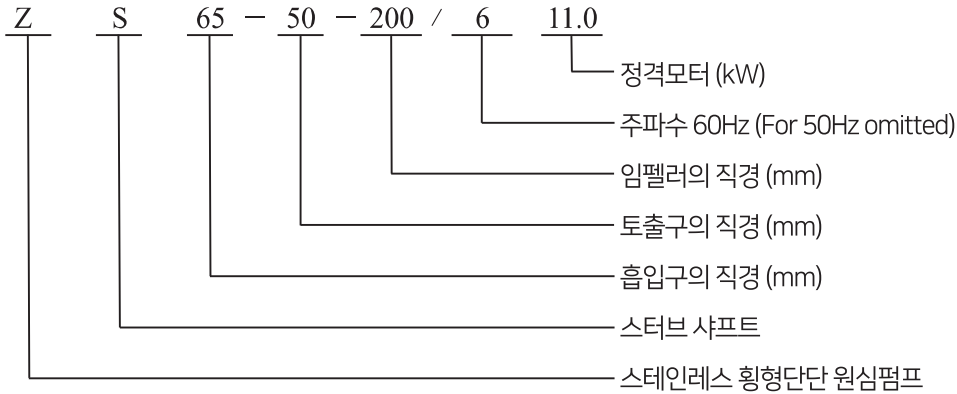
KZS 스테인레스 횡형 단단 원심 펌프는 부식 방지 플레이트의 부풀어 오르는 용접과 같은 고급 기술로 만들어집니다.

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



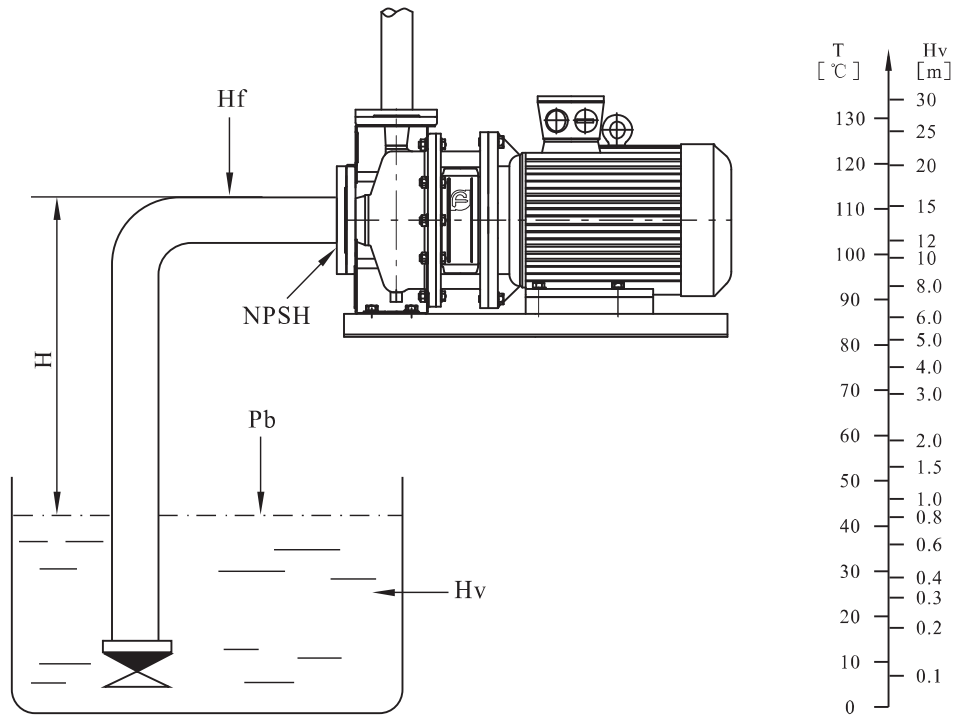
● 적용 사례

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 기초합니다.
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.

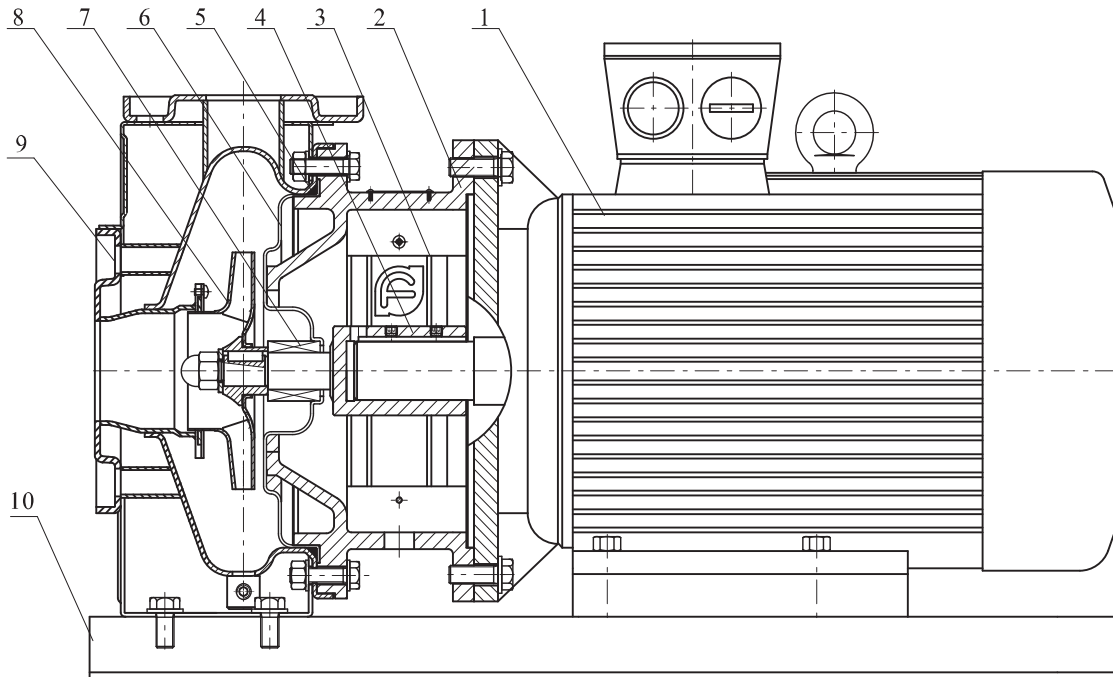
● 작동 조건

- 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

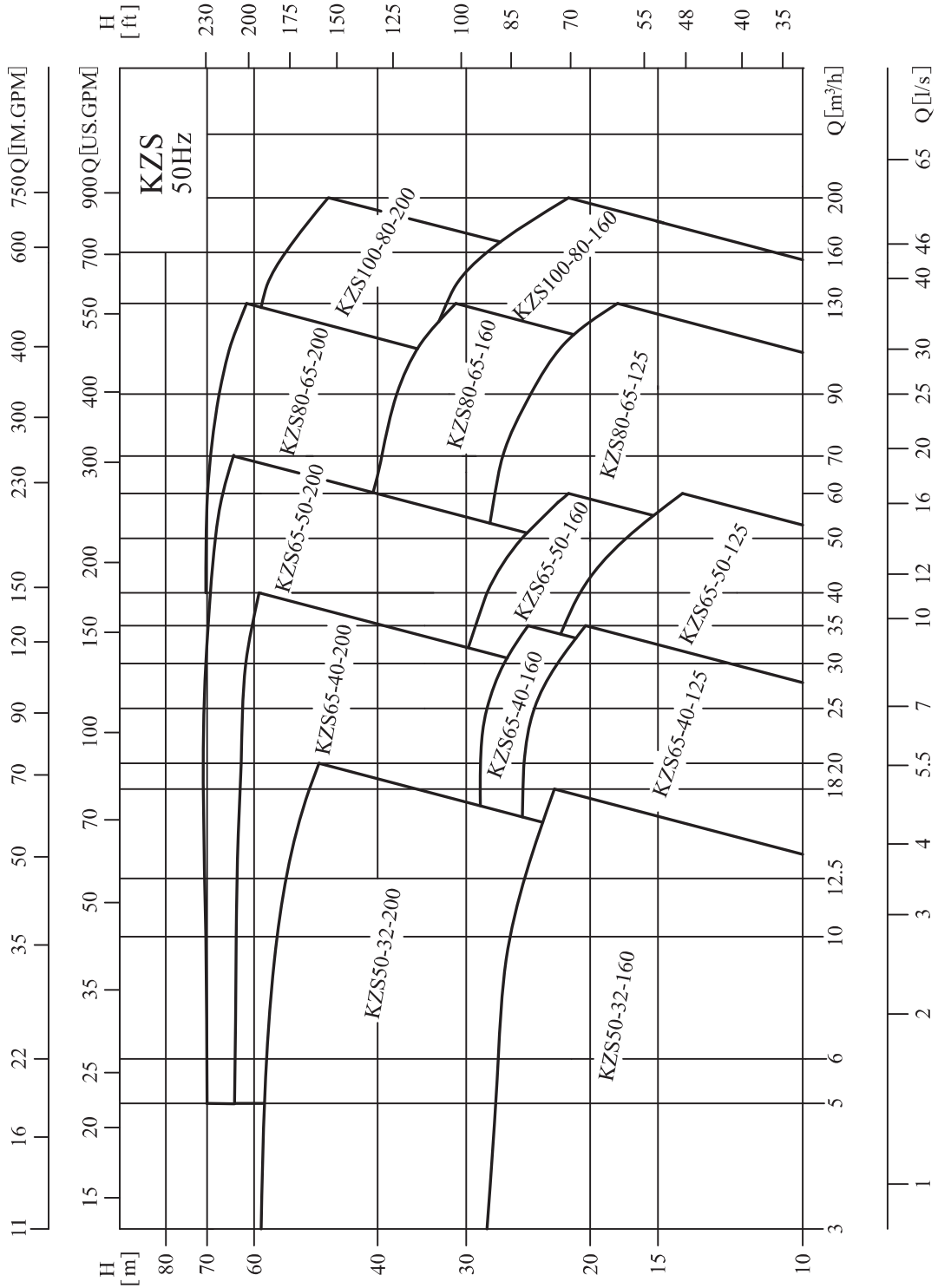


● 재질

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

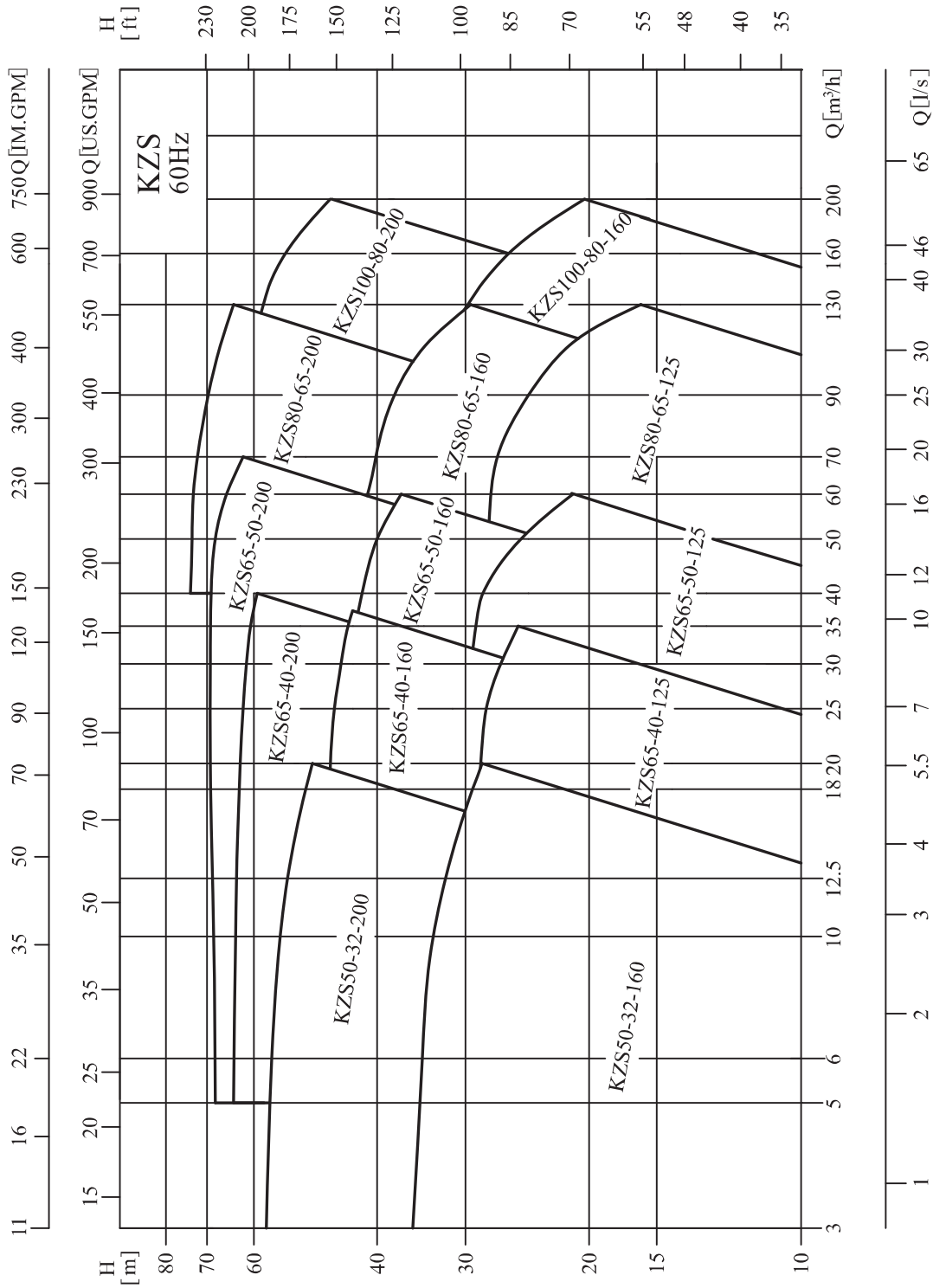
● 성능범위

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	2950		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			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	2950		22
29	KZS80-65-200/30.0	100	66			30
30	KZS100-80-160/11.0	160	15			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

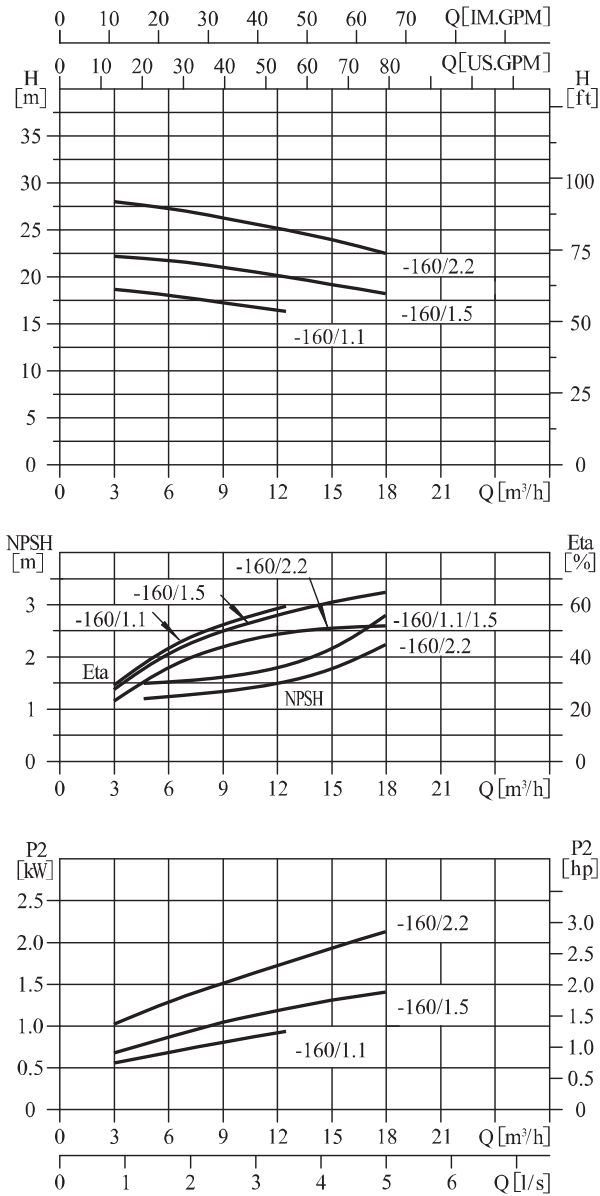
● 제품범위

60Hz

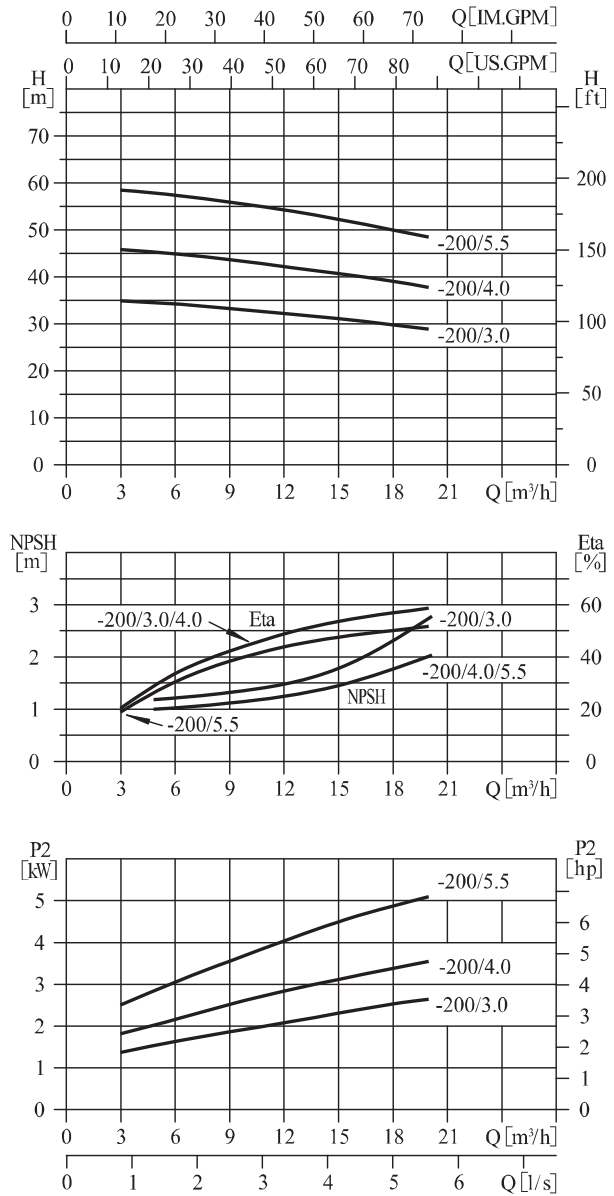
NO.	Model	Q (m ³ /h)	H (m)	n (r/min)	Standard voltage (V)	
					1×220V	3×380V
					P ₂ (kW)	P ₂ (kW)
1	KZS50-32-160/6 1.1	6.3	18	3450	1.1	1.1
2	KZS50-32-160/6 1.5	12.5	20		1.5	1.5
3	KZS50-32-160/6 2.2	12.5	25		2.2	2.2
4	KZS50-32-160/6 3.0	12.5	32			3
5	KZS50-32-200/6 4.0	12.5	42			4
6	KZS50-32-200/6 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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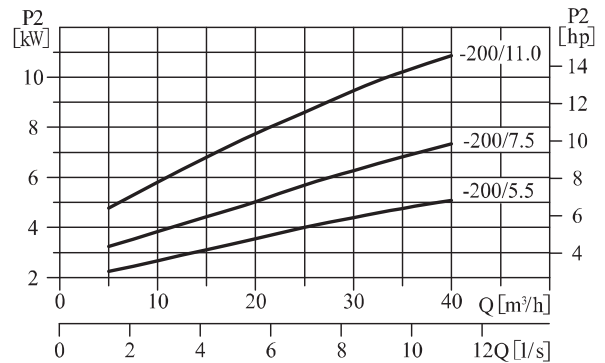
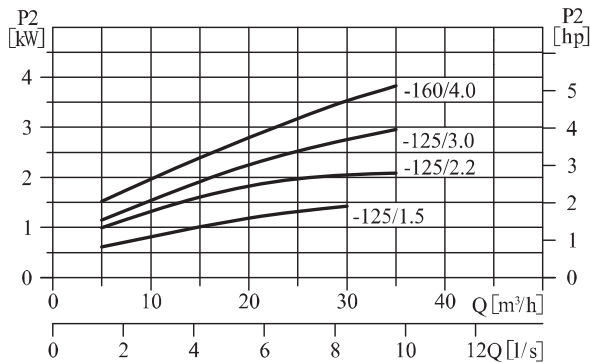
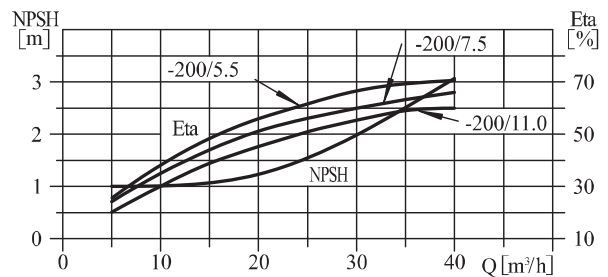
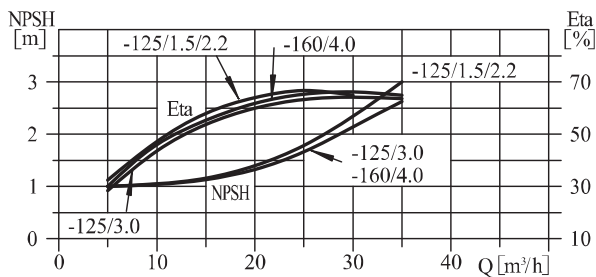
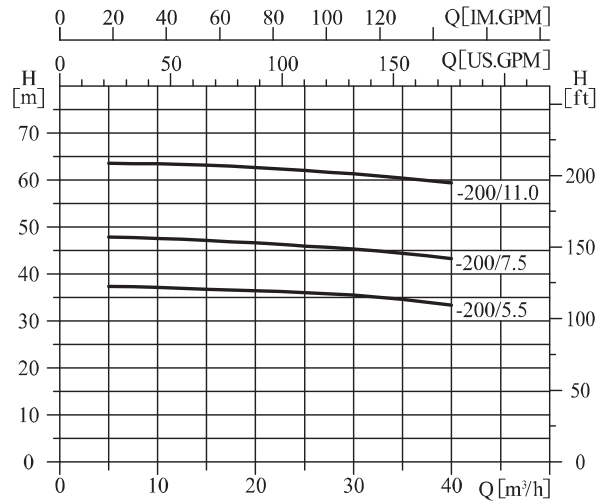
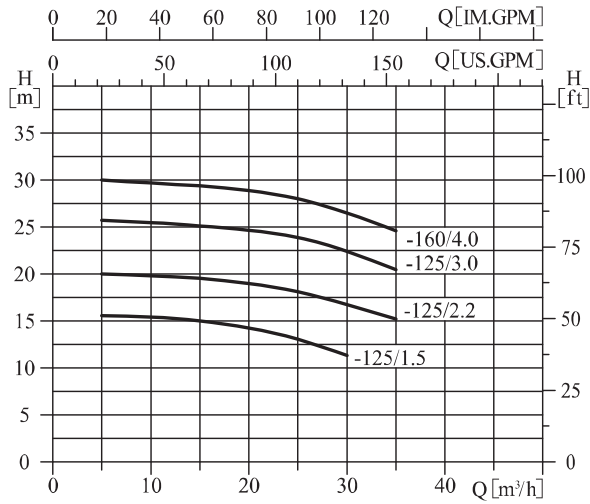


● 성능표

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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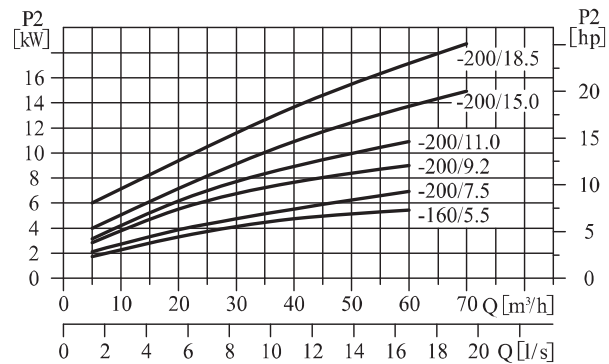
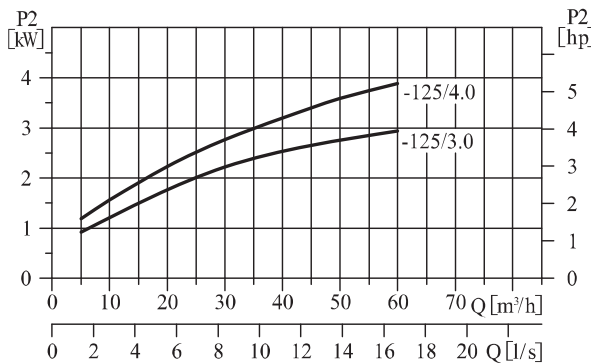
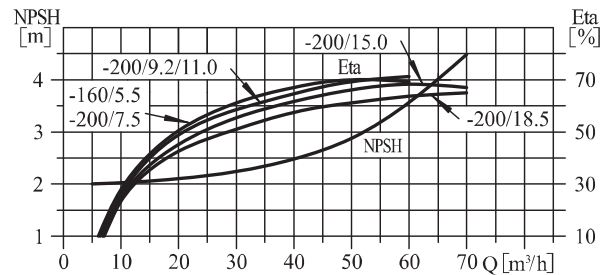
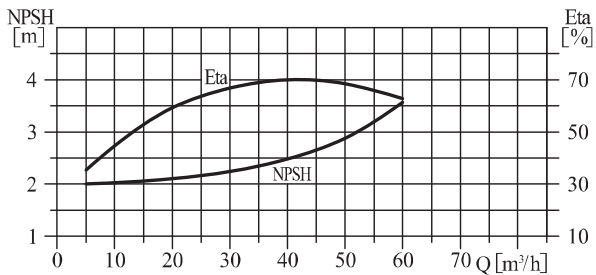
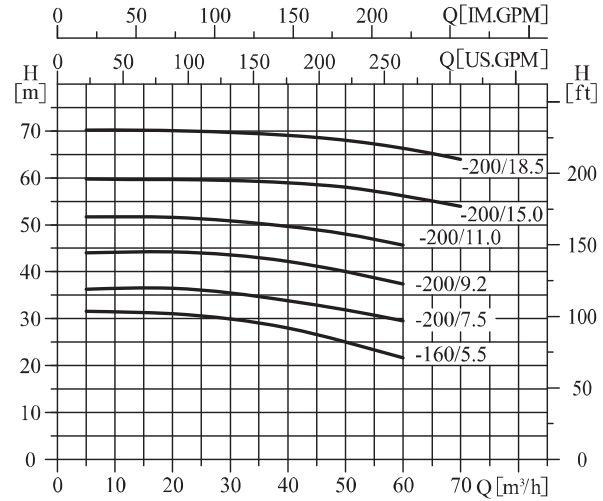
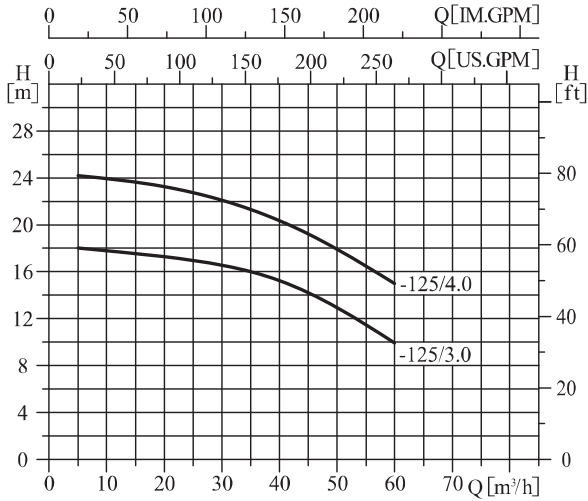
● 성능표

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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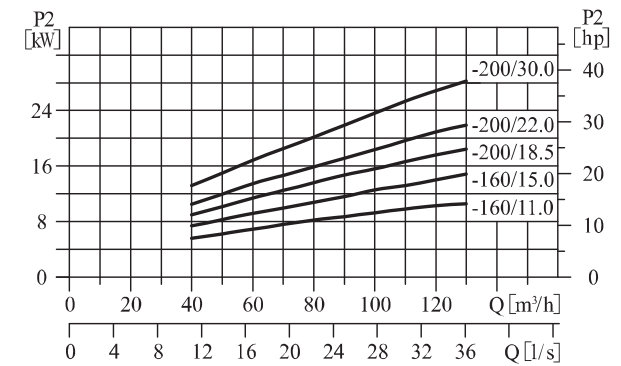
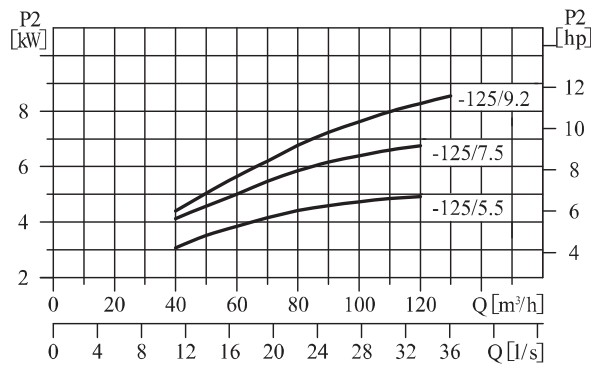
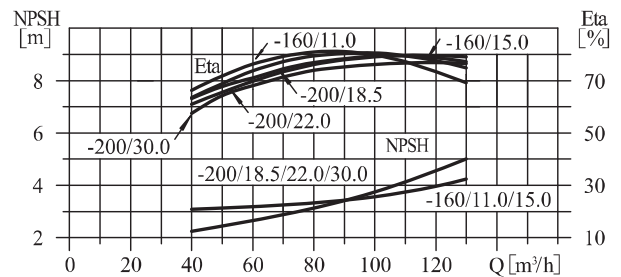
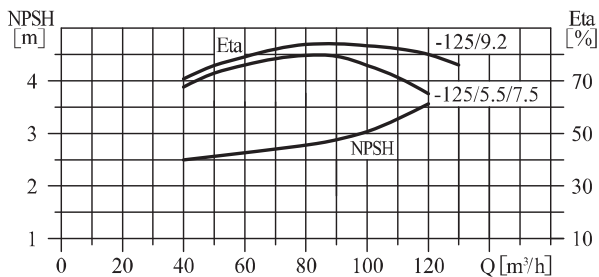
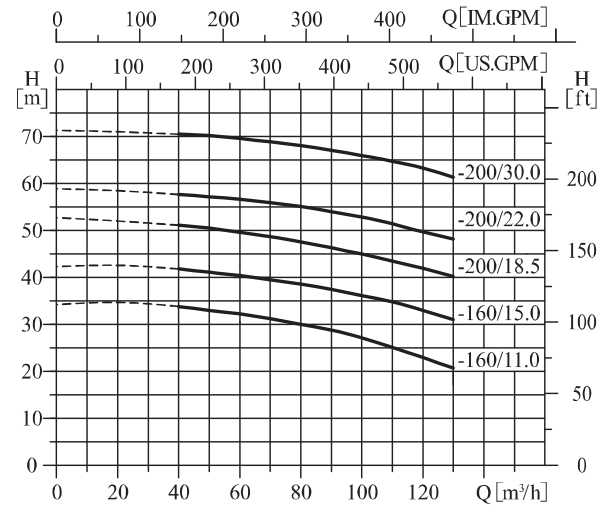
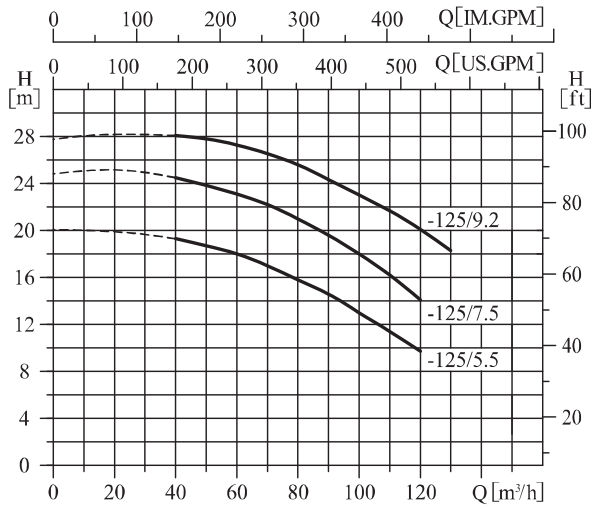


● 성능표

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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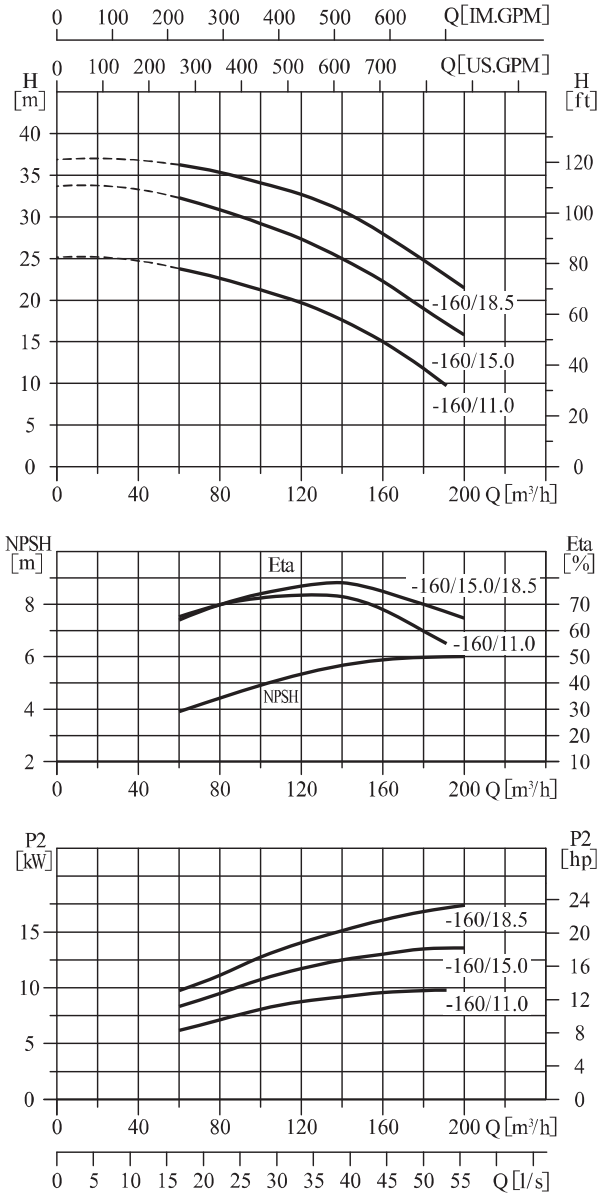


● 성능표

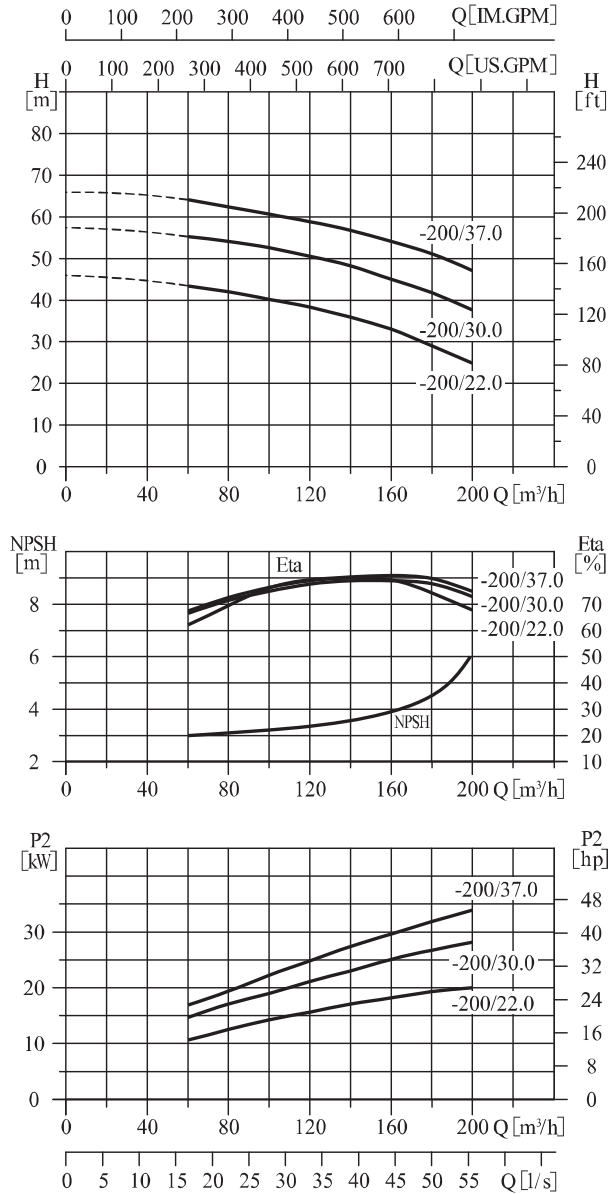
Model	Driving motor		Q (m³/h)	H (m)											
	(kW)	(hp)		40	50	60	70	80	90	100	110	120	130		
KZS80-65-125/5.5	5.5	7.5	H (m)	19.3	18.7	18	17	15.8	14.8	13	11.4	9.7			
KZS80-65-125/7.5	7.5	10		24.5	23.8	23.1	22.2	21	19.6	18	16.2	14.1			
KZS80-65-125/9.2	9.2	12.5		28.1	27.8	27.3	26.6	25.7	24.3	23	21.8	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-***:



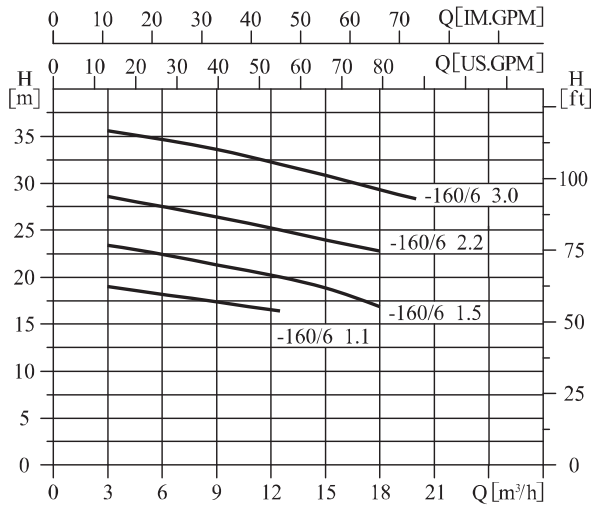
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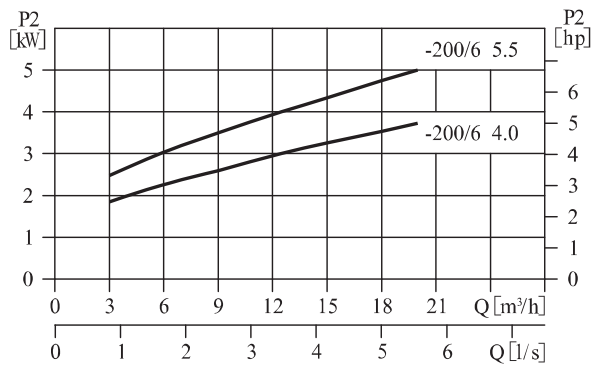
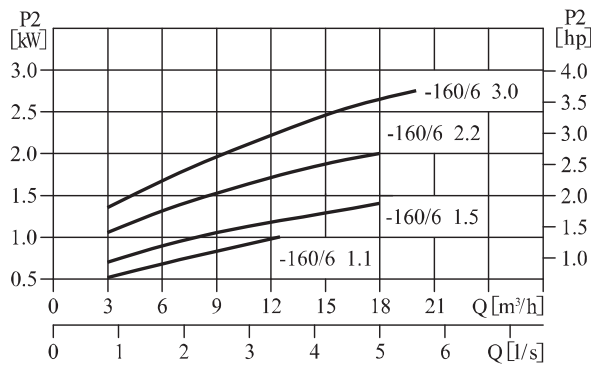
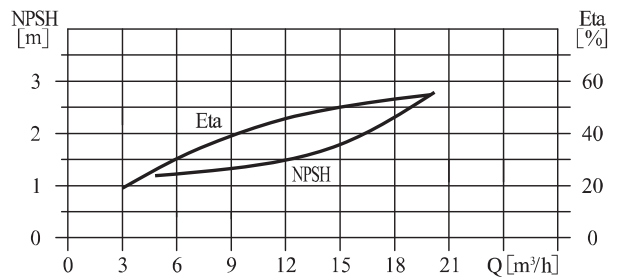
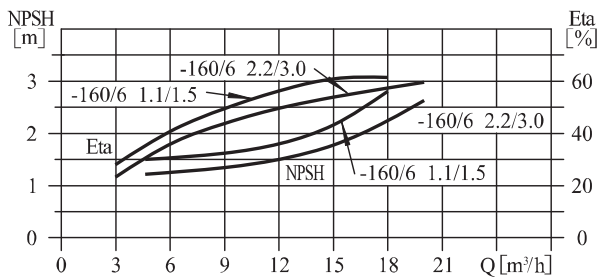
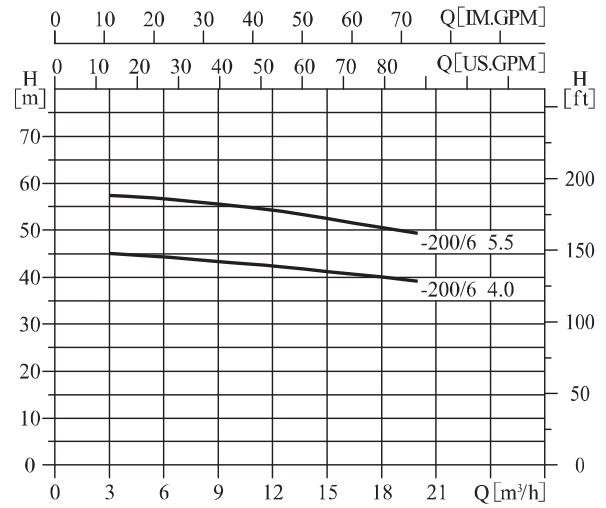
● 성능표

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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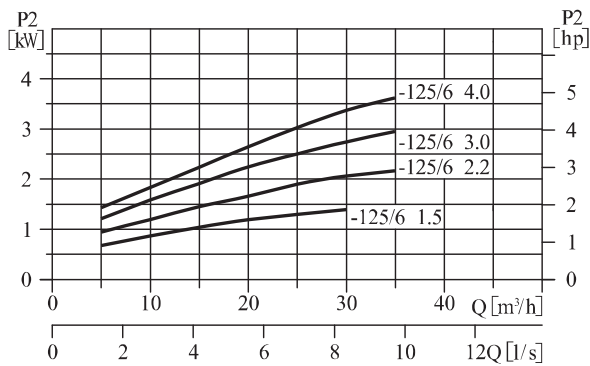
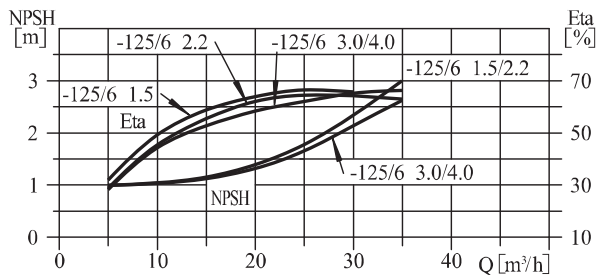
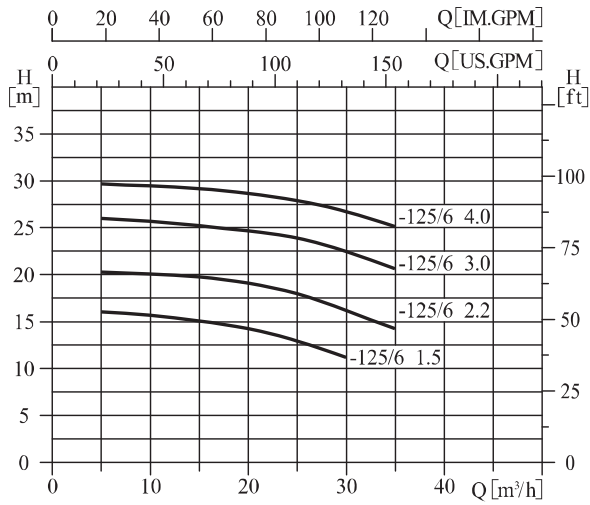


● 성능표

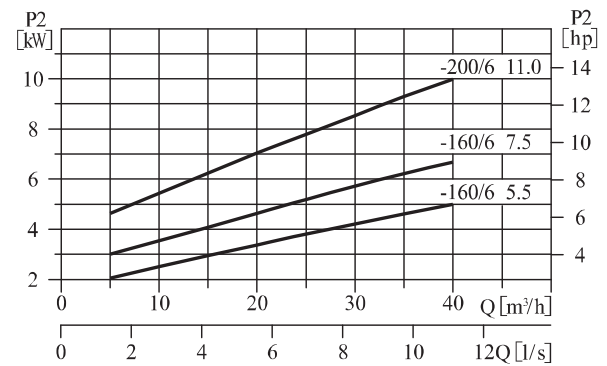
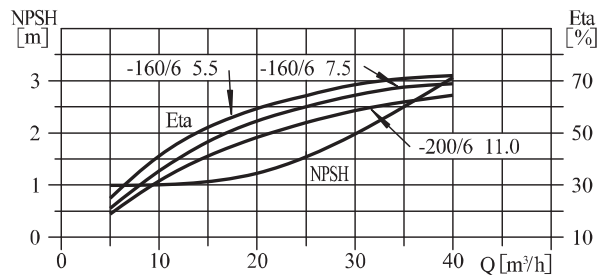
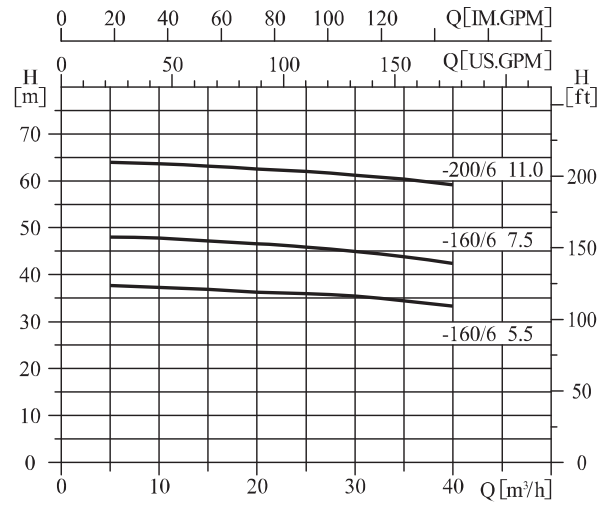
Model	Driving motor		Q (m ³ /h)	3	6.3	9	12.5	15	18	20
	(kW)	(hp)								
KZS50-32-160/6 1.1	1.1	1.5	H (m)	19	18	17.3	16.4			
KZS50-32-160/6 1.5	1.5	2		23.4	22.2	21.2	20	18.8	16.8	
KZS50-32-160/6 2.2	2.2	3		28.6	27.4	26.4	25	24	22.8	
KZS50-32-160/6 3.0	3.0	4		35.6	34.5	33.7	32	30.8	29.3	28.4
KZS50-32-200/6 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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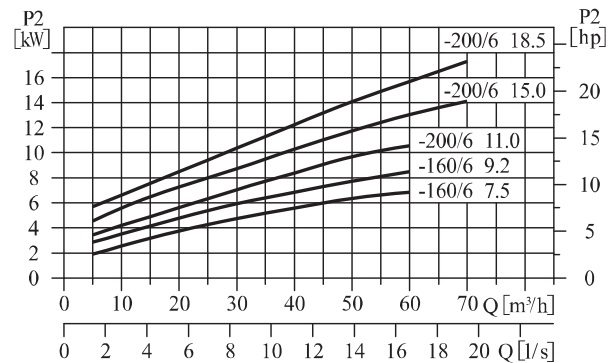
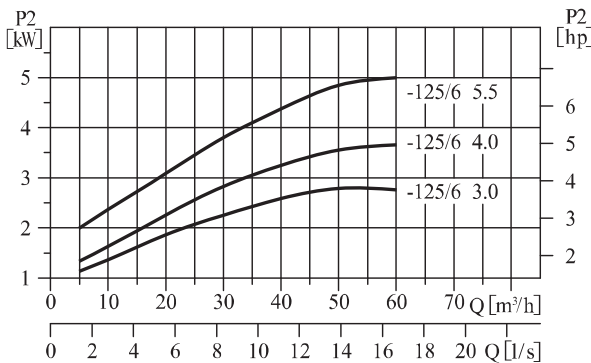
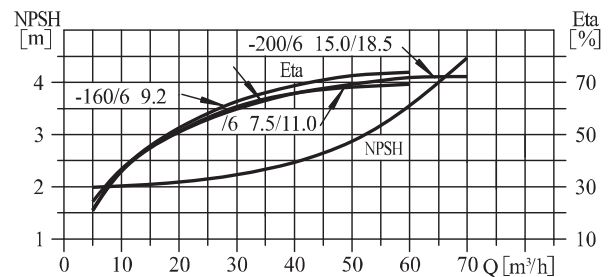
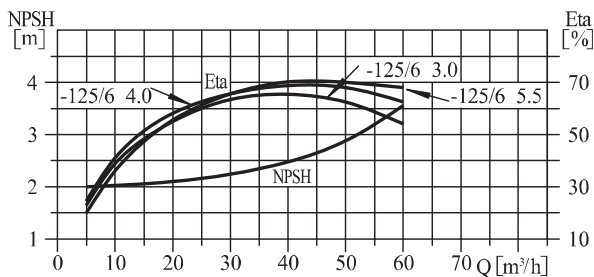
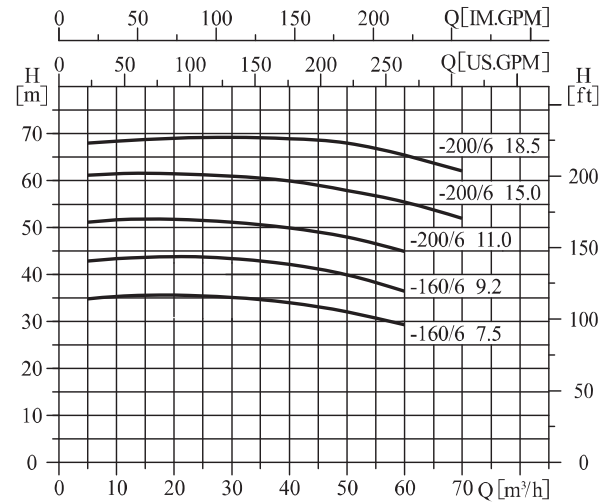
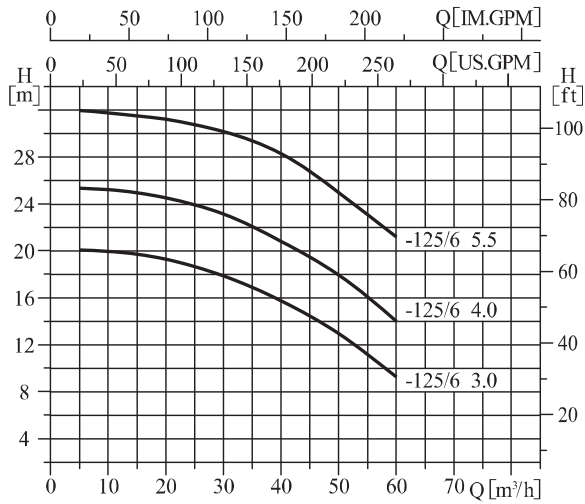


● 성능표

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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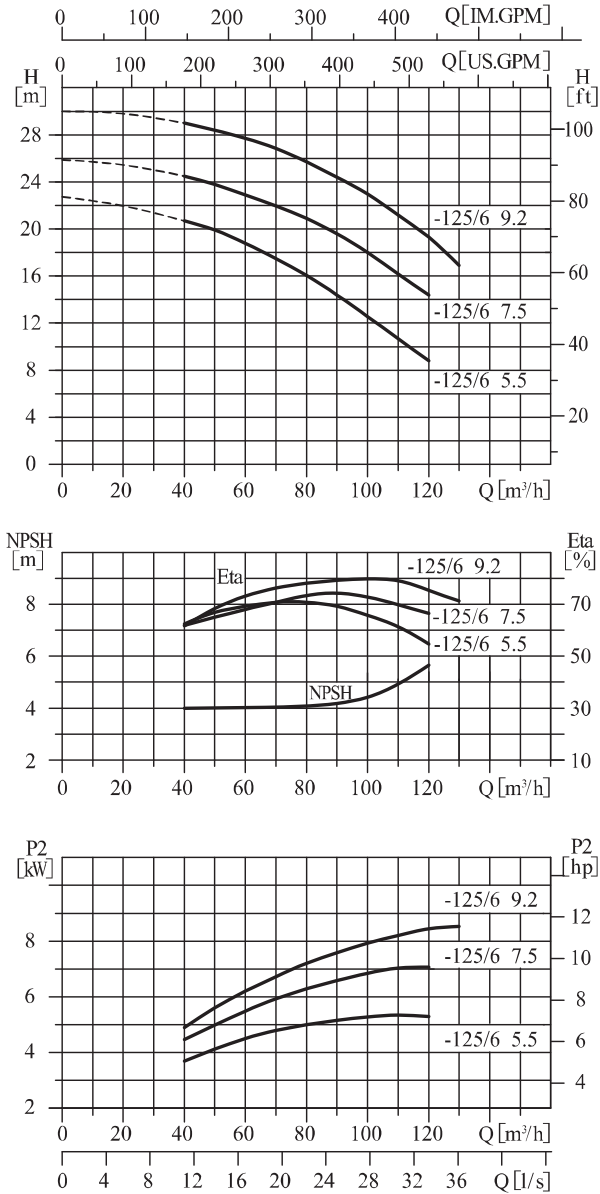


● 성능표

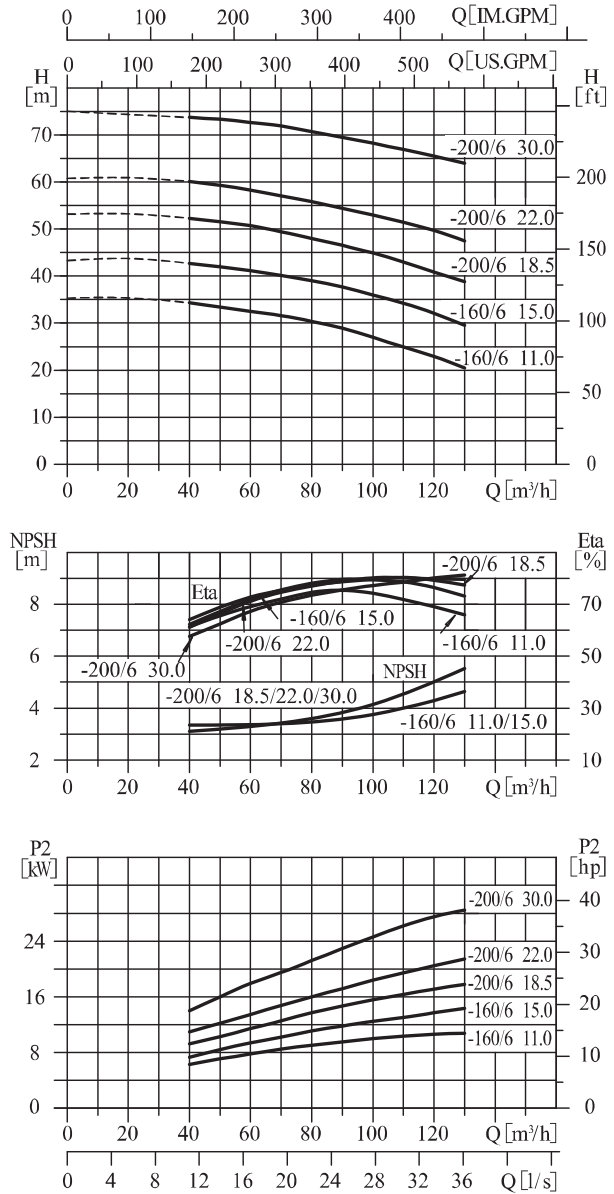
Model	Driving motor		Q (m³/h)	5	10	20	30	40	50	60	70
	(kW)	(hp)									
KZS65-50-125/6 3.0	3	4	H (m)	20.1	20	19.3	17.9	15.8	13	9.3	
KZS65-50-125/6 4.0	4	5.5		25.3	25.2	24.5	23.2	20.8	18	14.1	
KZS65-50-125/6 5.5	5.5	7.5		32	31.7	31.2	30.2	28.3	25	21.1	
KZS65-50-160/6 7.5	7.5	10		35	35.3	35.8	35.5	34.2	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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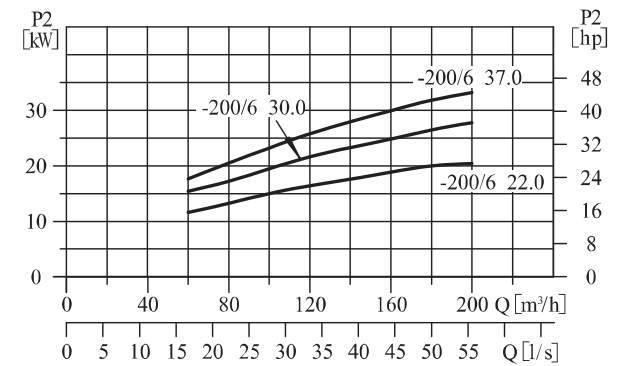
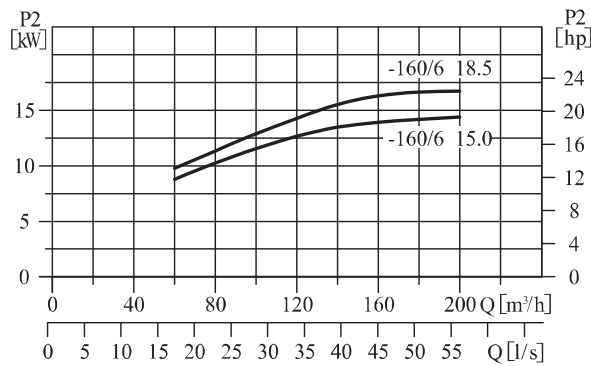
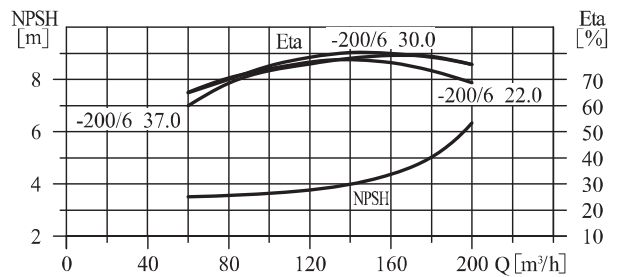
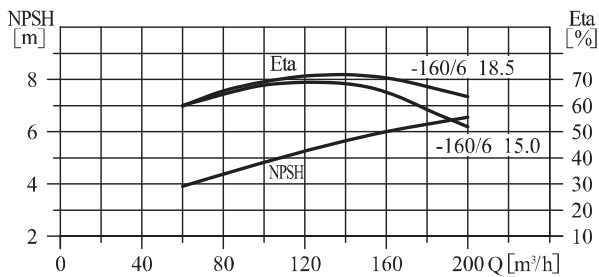
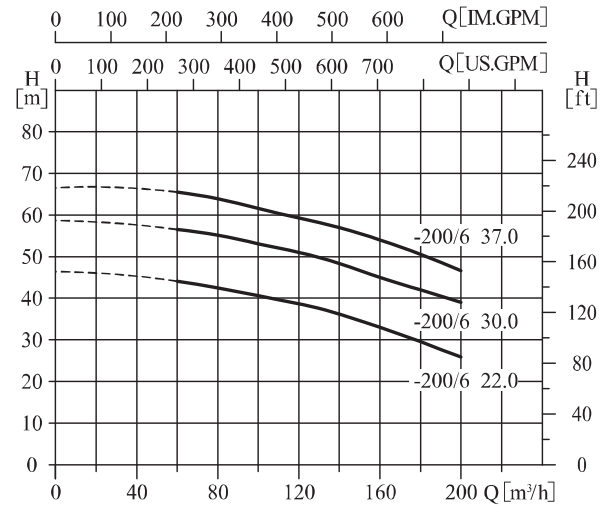
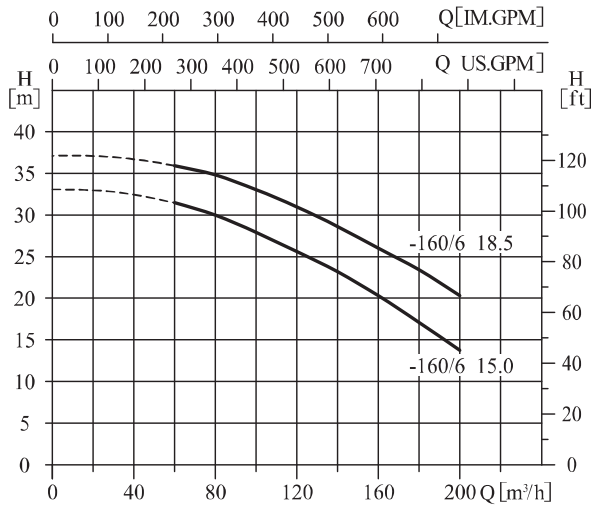


● 성능표

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-***:

60Hz ISO9906 Annex A

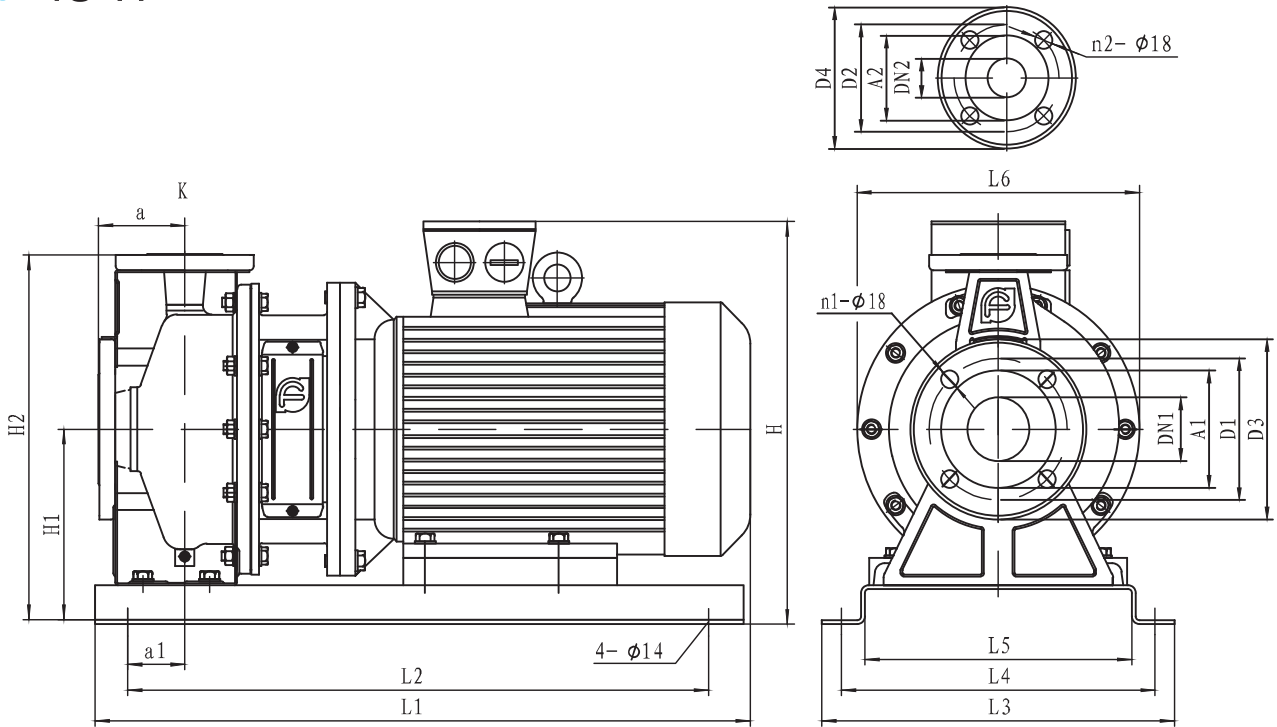


● 성능표

Model	Driving motor		Q (m ³ /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
KZS65-50-200/18.5	65	50	118	98	145	125	185	160	4	4	100	50	456	200	380	830	730	420	380	330	350	188

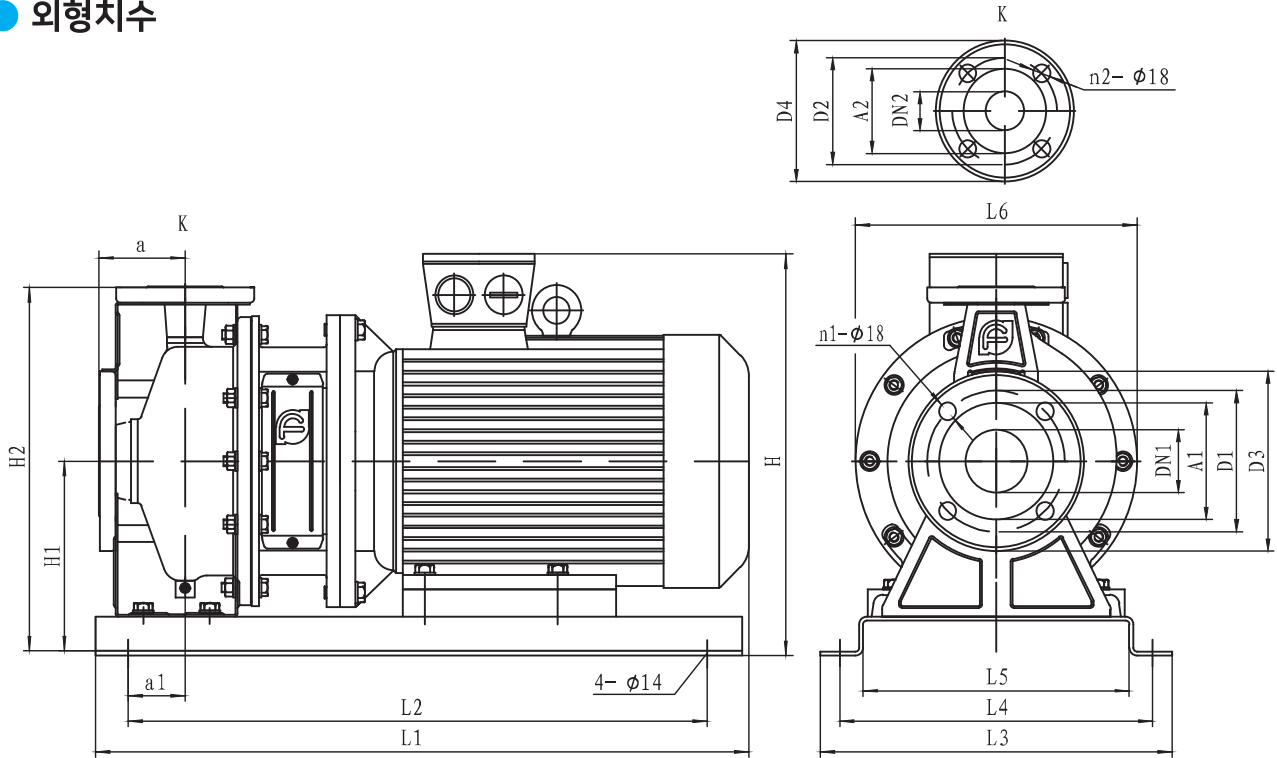
● 사이즈, 중량

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

MEMO

A series of horizontal dashed lines for writing.

MEMO

A series of horizontal dashed lines for writing.



(주)코엔

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