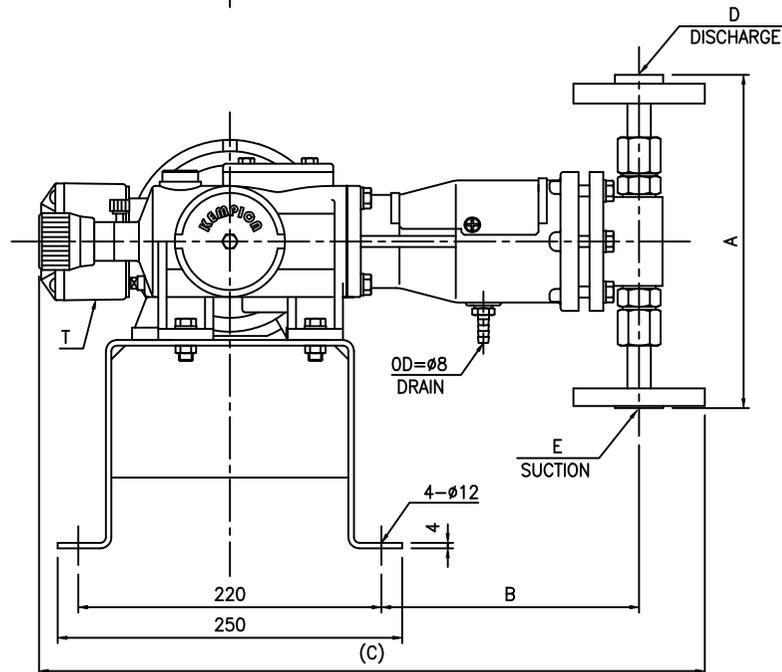
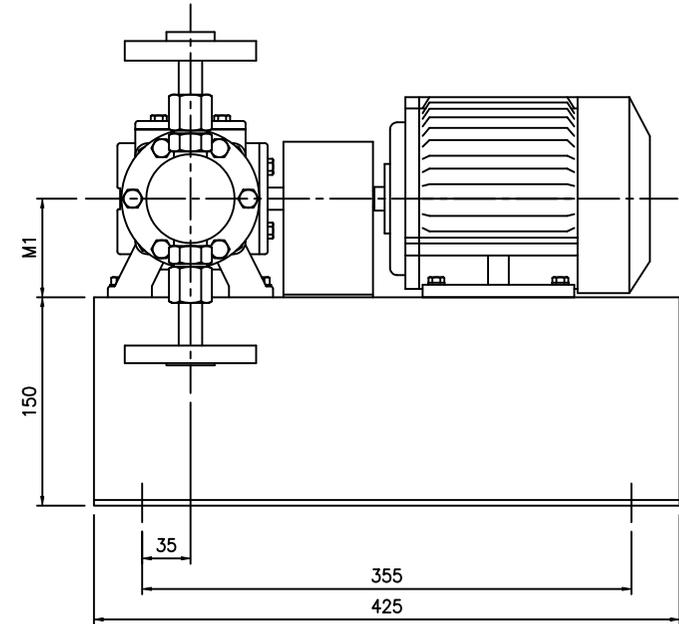


DIMENSIONS (mm)						
PUMP MODEL	A	B	C	D	E	WEIGHT
KPH-061L-SF	222	177	485	ANSI900# 1/2" RF	ANSI300# 1/2" RF	25 kg
KPH-062L-SF						
KPH-121L-SF	222	179	488	ANSI900# 1/2" RF	ANSI300# 1/2" RF	25 kg
KPH-122L-SF						
KPH-161L-SF	234	186	495	ANSI900# 1/2" RF	ANSI300# 1/2" RF	26 kg
KPH-162L-SF						
KPH-221L-SF	240	187	473	ANSI600# 1/2" RF	ANSI300# 1/2" RF	26 kg
KPH-222L-SF						



TERMINAL BOX (T)	
HUB SIZE	MAT'L
ø21	ALDC12
G3/4	GC200
G1	GC200

MARK	REVISION DESCRIPTION	DATE	DRAWN	APPROVED
△				
△				

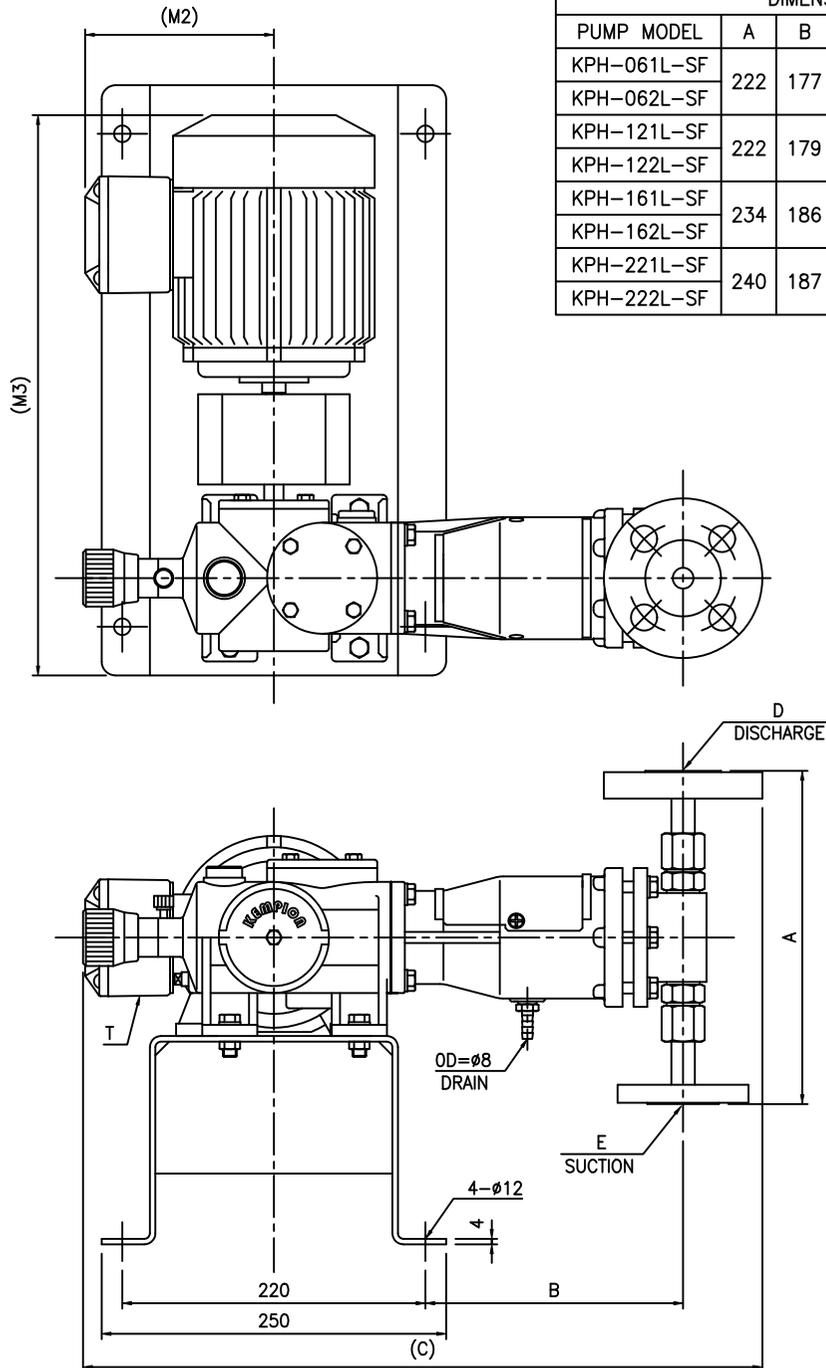


DIMENSIONS (mm)				
MOTOR FRAME	M1	M2	M3	WEIGHT
71(Std.)	71	137	404	-
80	80	165	451	+10 kg
90	90	180	511	+18 kg

NOTE

1. 표준모터 프레임외의 치수 및 중량은 효성모터(TEFC) 기준으로 표기함.

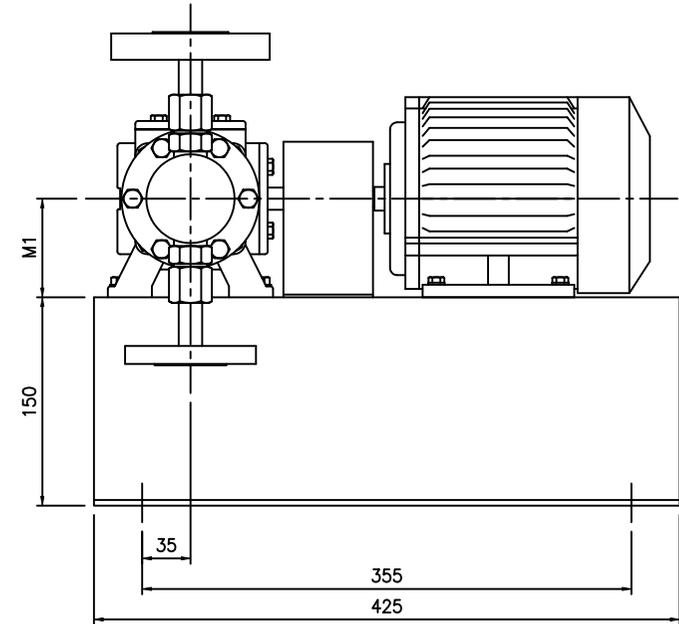
ITEM NO	NO.	DESCRIPTION	SIZE	MAT'L	Q'TY	REMARK
		제출 MAT'L	소재처수 MAT'L DIM	중량 WEIGHT	척도 SCALE	N/S(0.25)
	FILE NAME	PHSAS-03	도명TITLE	OUTLINE DRAWING		
	APPROVED		KPH-061L~222L-SF PUMP			
	CHECKED		도번 DWG NO 542113			
	DESIGNED		△			
관련도면	적용품목	DRAWN				
STORAGE NO.	작성부서	DATE	천세산업 주식회사			
ORG.DWG	연구개발부	2007.04.25	CHEON SEI IND. CO.,LTD.			



DIMENSIONS (mm)						
PUMP MODEL	A	B	C	D	E	WEIGHT
KPH-061L-SF	222	177	485	KS63K	KS20K	25 kg
KPH-062L-SF				15A RF	15A RF	
KPH-121L-SF	222	179	488	KS63K	KS20K	25 kg
KPH-122L-SF				15A RF	15A RF	
KPH-161L-SF	234	186	495	KS63K	KS20K	26 kg
KPH-162L-SF				15A RF	15A RF	
KPH-221L-SF	240	187	493	KS40K	KS20K	26 kg
KPH-222L-SF				15A RF	15A RF	

TERMINAL BOX (T)	
HUB SIZE	MAT'L
ø21	ALDC12
G3/4	GC200
G1	GC200

MARK	REVISION DESCRIPTION	DATE	DRAWN	APPROVED
△				
△				

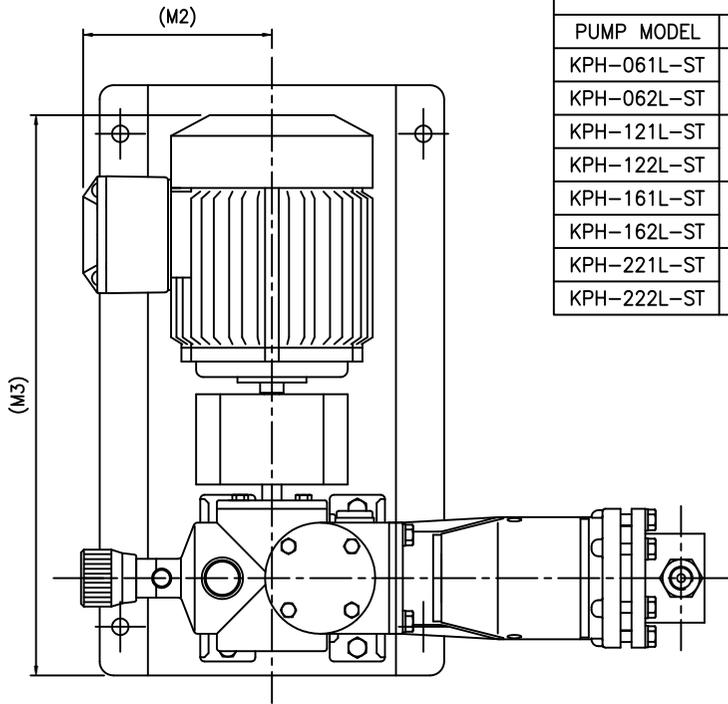


DIMENSIONS (mm)				
MOTOR FRAME	M1	M2	M3	WEIGHT
71(Std.)	71	137	404	-
80	80	165	451	+10 kg
90	90	180	511	+18 kg

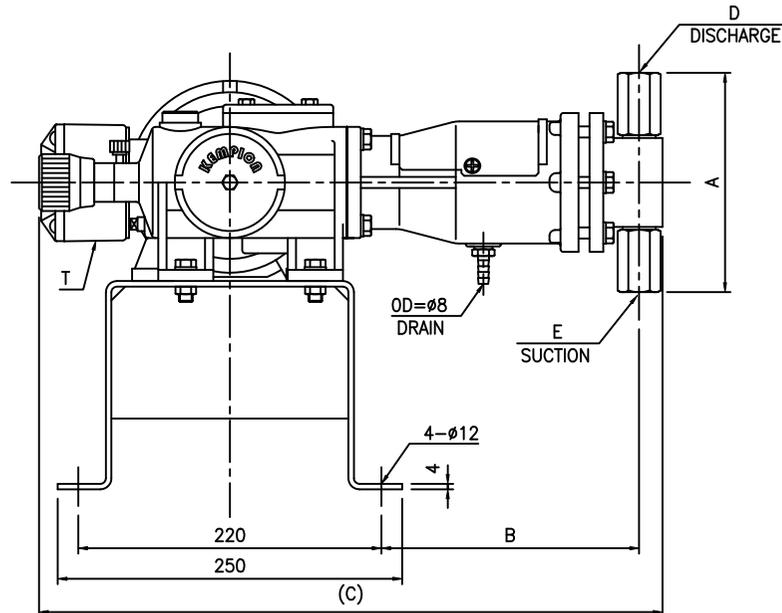
NOTE

1. 표준모터 프레임외의 치수 및 중량은 효성모터(TEFC) 기준으로 표기함.

ITEM NO	NO.	DESCRIPTION	SIZE	MAT'L	Q'TY	REMARK
		제출 MAT'L	소재처수 MAT'L DIM	중량 WEIGHT	척도 SCALE	N/S(0.25)
	FILE NAME	PHSFS-03	도명TITLE	OUTLINE DRAWING		
	APPROVED		KPH-061L~222L-SF PUMP			
	CHECKED		도번 DWG NO 542103			
	DESIGNED		△			
관련도면	적용품목	DRAWN				
STORAGE NO.	작성부서	DATE	천세산업 주식회사			
ORG.DWG	연구개발부	2007.04.25	CHEON SEI IND. CO.,LTD.			

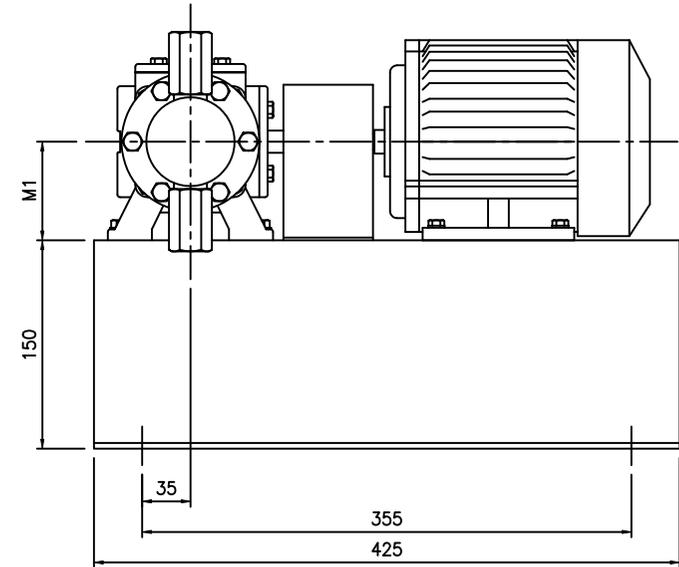


DIMENSIONS (mm)						
PUMP MODEL	A	B	C	D	E	WEIGHT
KPH-061L-ST	128	177	440	Rc1/4	Rc1/4	23 kg
KPH-062L-ST	128	179	442	Rc1/4	Rc1/4	23 kg
KPH-121L-ST	152	186	452	Rc3/8	Rc3/8	24 kg
KPH-122L-ST	152	186	452	Rc3/8	Rc3/8	24 kg
KPH-161L-ST	158	187	453	Rc3/8	Rc3/8	24 kg
KPH-162L-ST	158	187	453	Rc3/8	Rc3/8	24 kg



TERMINAL BOX (T)	
HUB SIZE	MAT'L
ø21	ALDC12
G3/4	GC200
G1	GC200

MARK	REVISION DESCRIPTION	DATE	DRAWN	APPROVED
△				
△				



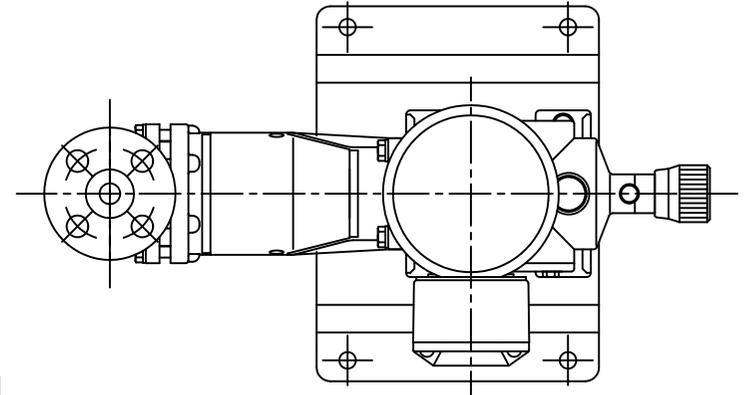
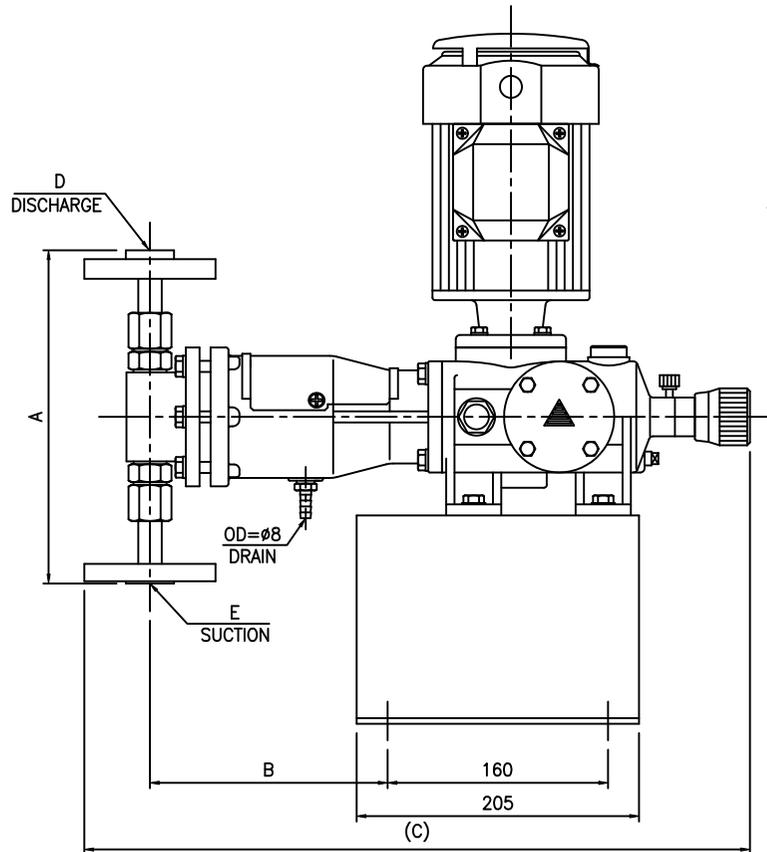
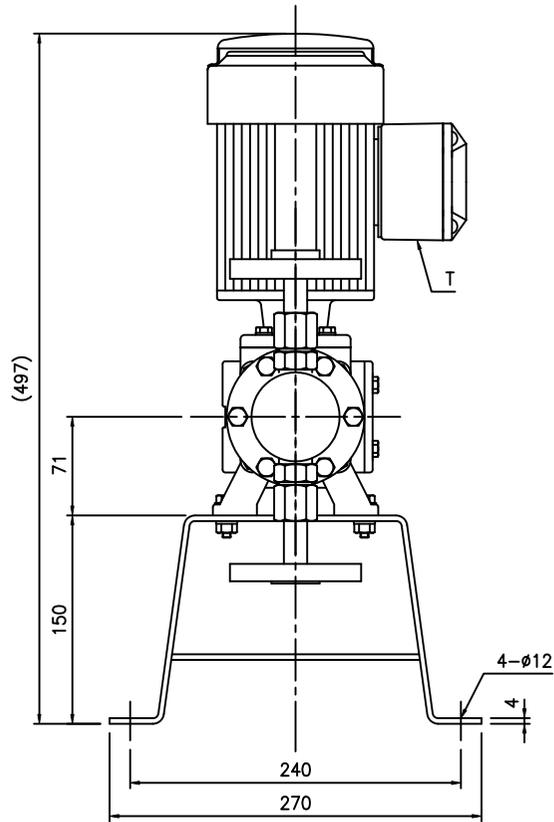
DIMENSIONS (mm)				
MOTOR FRAME	M1	M2	M3	WEIGHT
71(Std.)	71	137	404	-
80	80	165	451	+10 kg
90	90	180	511	+18 kg

NOTE

1. 표준모터 프레임외의 치수 및 중량은 효성모터(TEFC) 기준으로 표기함.

ITEM NO	NO.	DESCRIPTION	SIZE	MAT'L	Q'TY	REMARK
		FILE NAME	PHSTS-03	도명TITLE OUTLINE DRAWING		
		APPROVED		KPH-061L~222L-ST PUMP		
		CHECKED		도번 DWG NO 542203		
		DESIGNED		△		
관련도면	적용품목	DRAWN				
STORAGE NO.		작성부서	DATE	천세산업 주식회사		
ORG.DWG		연구개발부	2007.04.25	CHEON SEI IND. CO.,LTD.		

MARK	REVISION DESCRIPTION	DATE	DRAWN	APPROVED
△				
△				

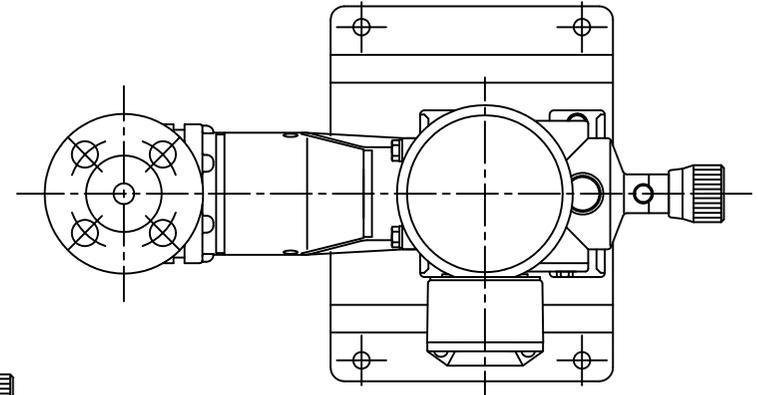
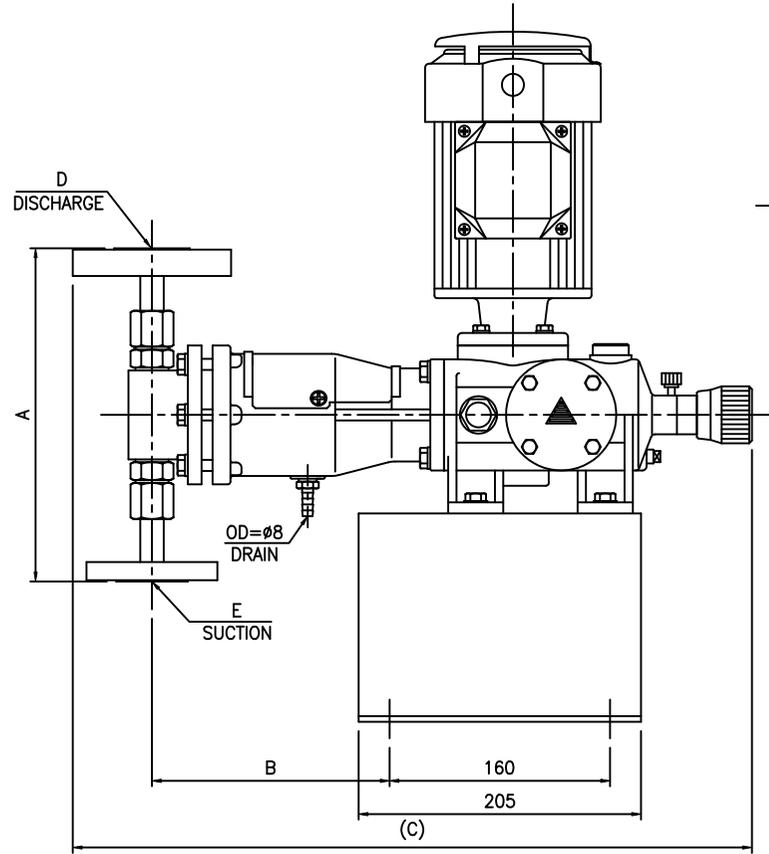
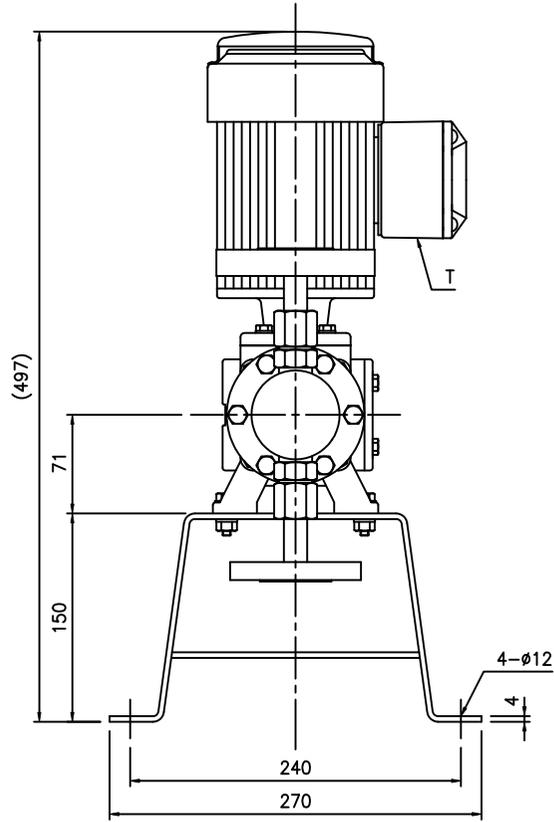


PUMP MODEL	DIMENSIONS (mm)					WEIGHT
	A	B	C	D	E	
KPV-061L-SF	222	162	485	ANSI900# 1/2" RF	ANSI300# 1/2" RF	20 kg
KPV-062L-SF						
KPV-121L-SF	222	165	488	ANSI900# 1/2" RF	ANSI300# 1/2" RF	20 kg
KPV-122L-SF						
KPV-161L-SF	234	172	495	ANSI900# 1/2" RF	ANSI300# 1/2" RF	21 kg
KPV-162L-SF						
KPV-221L-SF	240	173	473	ANSI600# 1/2" RF	ANSI300# 1/2" RF	21 kg
KPV-222L-SF						

HUB SIZE	MAT'L
φ21	ALDC12
G3/4	GC200
G1	GC200

ITEM NO	NO.	DESCRIPTION	SIZE	MAT'L	Q'TY	REMARK
		제출 MAT'L	소재처수 MAT'L DIM	중량 WEIGHT	척도 SCALE	N/S(0.25)
	FILE NAME	PVSAS-03	도명 TITLE	OUTLINE DRAWING		
	APPROVED		KPV-061L~222L-SF PUMP			
	CHECKED					
	DESIGNED					
관련도면	적용품목	DRAWN				
STORAGE NO.	작성부서	DATE				
ORG.DWG	연구개발부	2007.04.20				

MARK	REVISION DESCRIPTION	DATE	DRAWN	APPROVED
△				
△				

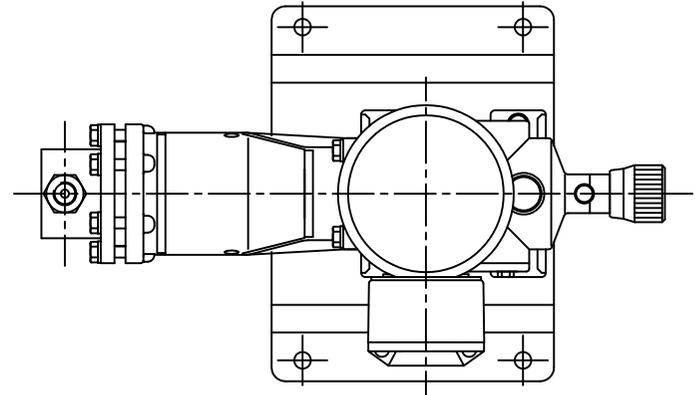
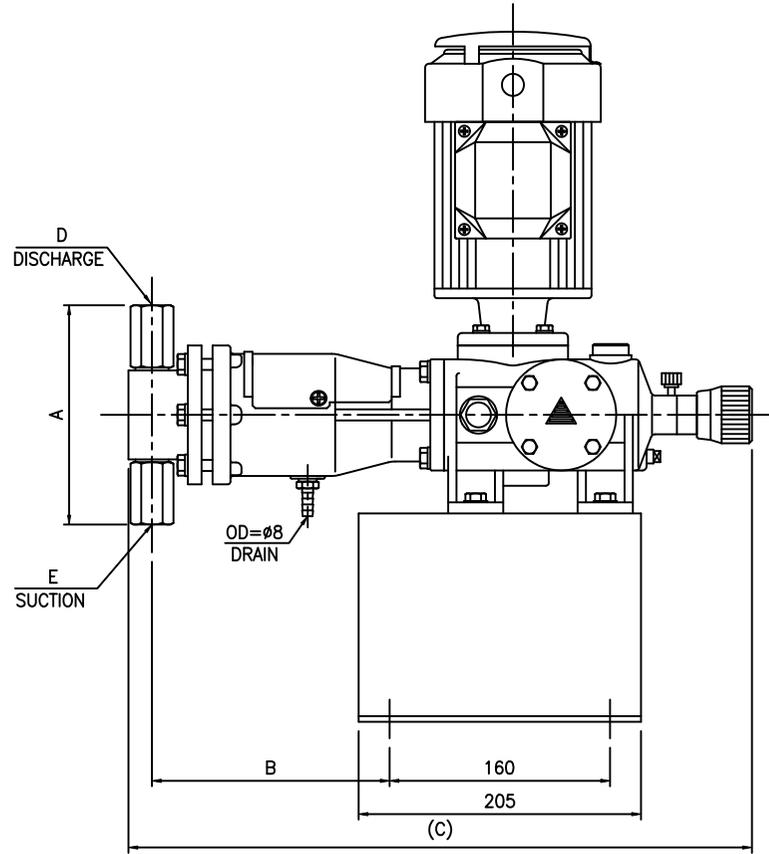
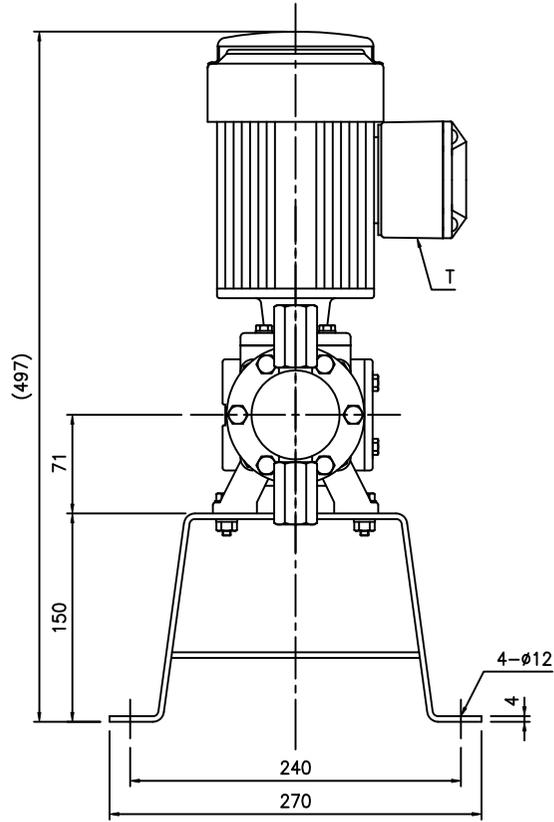


DIMENSIONS (mm)						
PUMP MODEL	A	B	C	D	E	WEIGHT
KPV-061L-SF	222	162	485	KS63K 15A RF	KS20K 15A RF	20 kg
KPV-062L-SF						
KPV-121L-SF	222	165	488	KS63K 15A RF	KS20K 15A RF	20 kg
KPV-122L-SF						
KPV-161L-SF	234	172	495	KS63K 15A RF	KS20K 15A RF	21 kg
KPV-162L-SF						
KPV-221L-SF	240	173	493	KS40K 15A RF	KS20K 15A RF	21 kg
KPV-222L-SF						

TERMINAL BOX (T)	
HUB SIZE	MAT'L
φ21	ALDC12
G3/4	GC200
G1	GC200

ITEM NO	NO.	DESCRIPTION	SIZE	MAT'L	Q'TY	REMARK
	제출 MAT'L	소재지수 MAT'L DIM	중량 WEIGHT	척도 SCALE	N/S(0.25)	
	FILE NAME	PVSFS-03	도명TITLE	OUTLINE DRAWING		
	APPROVED		KPV-061L~222L-SF PUMP			
	CHECKED					
	DESIGNED					
관련도면	적용품목	DRAWN				
STORAGE NO.	작성부서	DATE				
ORG.DWG	연구개발부	2007.04.20				

MARK	REVISION DESCRIPTION	DATE	DRAWN	APPROVED
△				
△				



DIMENSIONS (mm)						
PUMP MODEL	A	B	C	D	E	WEIGHT
KPV-061L-ST	128	162	440	Rc1/4	Rc1/4	18 kg
KPV-062L-ST						
KPV-121L-ST	128	165	442	Rc1/4	Rc1/4	18 kg
KPV-122L-ST						
KPV-161L-ST	152	172	452	Rc3/8	Rc3/8	19 kg
KPV-162L-ST						
KPV-221L-ST	158	173	453	Rc3/8	Rc3/8	19 kg
KPV-222L-ST						

TERMINAL BOX (T)	
HUB SIZE	MAT'L
φ21	ALDC12
G3/4	GC200
G1	GC200

ITEM NO	NO.	DESCRIPTION	SIZE	MAT'L	Q'TY	REMARK
	제출 MAT'L	소재처수 MAT'L DIM	중량 WEIGHT	척도 SCALE	N/S(0.25)	
	FILE NAME	PVSTS-03	도명TITLE	OUTLINE DRAWING		
	APPROVED		KPV-061L~222L-ST PUMP			
	CHECKED					
	DESIGNED					
관련도면	적용품목	DRAWN				
STORAGE NO.	작성부서	DATE				
ORG.DWG	연구개발부	2007.04.20				

도면 DWG NO 541203 △

천세산업 주식회사
CHEON SEI IND. CO.,LTD.