HCP PUMP

Series	**GF**
Modelo	**32GF21.5**
Frecuencia	**50**
Fase / Voltaje	**3 Ø / 380 V**
Corriente Nominal	**3.6 A**
Descarga	**32 mm (1¼")**



Datos del Motor

Potencia de Entrada - P1	2 kW
Potencia Nominal - P2	1.5 kW
Clase de Aislamiento	F
Cantidad Máxima de Arranques por Hora	10
Velocidad de Rotación Estándar	2820
Método de Arranque	DOL
Índice de Protección IP	IP68
A Prueba de Explosiones	NO

Tecnología

Tipo de Impulsor	Vortex
Sello Mecánico	Double
Aceite Lubricante VG32	900 CC
Paso Sólido	mm
Tipo de Refrigeración	External cooling

Material

Bastidor del Motor	FC200 (GG-20)
Eje	SUS403 ((X5Cr13)
Carcasa	FC200 (GG-20)
Impulsor	FC200 (GG-20)
Sello Mecánico	CA/CE&SiC/SiC
Cable	VCT,H07RN-F
Rodamientos Superior e Inferior	6203ZZ,6304ZZD2

Fluido

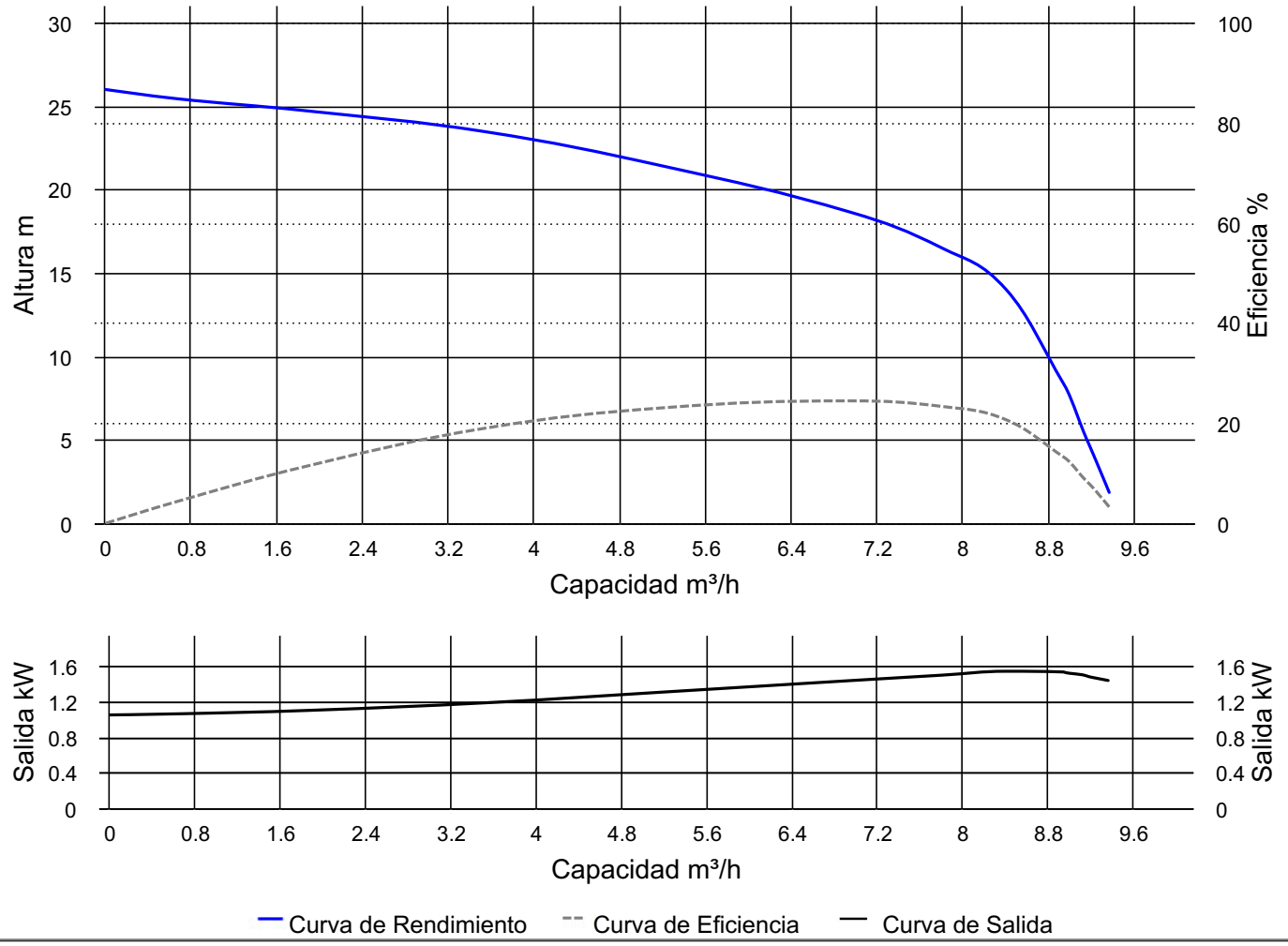
Temperatura Ambiente Máxima	0~40°C (32~104°F)
Profundidad Máxima de Instalación	20m (66ft)
Temperatura Máxima del Fluido	40 °C (104°F)
Fluido Bombeado	Sewage

Otros (Opcional)

Dispositivo de Protección	Auto-cut Protector (MTS)
Sensor de Humedad	(MS)

HCP PUMP

PUMP PERFORMANCE CURVES			
Modelo	32GF21.5	**N.º de archivo**	20261022040804
Frecuencia	50 Hz	**N.º de versión**	202003060911
Descarga	1¼" / 32 mm	**REFERENCE SPECIFICATION**	
Potencia	2 HP / 1.5 kW	**Salida**	N/A
Altura Estándar	23 m	**Eficiencia**	0 %
Capacidad Estándar	3.6 m³/h		
Fase / Voltaje	3 Ø / 380 V		
Corriente Nominal	3.6 A		
Polo / rpm	2 P / 2820 rpm		
Método de Arranque	DOL		
Clase de Aislamiento	F		



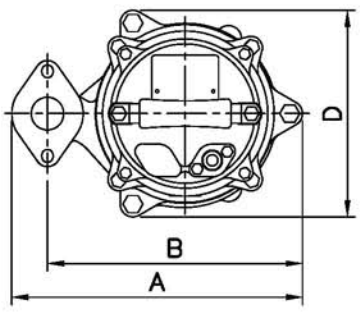
HCP PUMP MANUFACTURER CO., LTD.

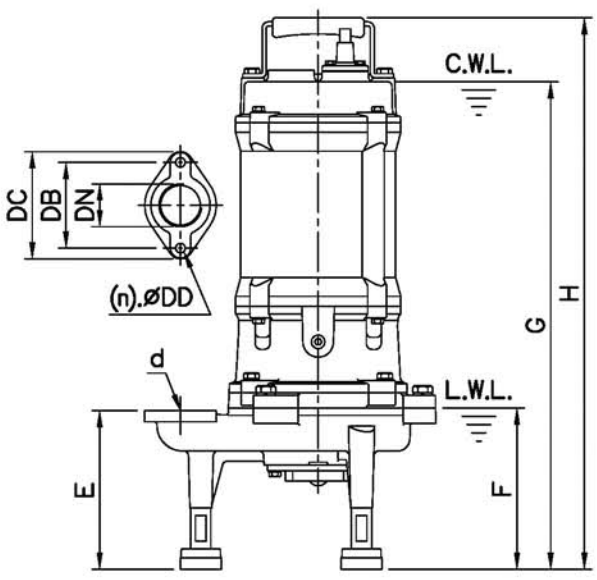
HCP PUMP

GF SERIES

DIMENSIONS **NO: SFGF0222032-00**

MODEL: 32GF21.5 / 22.2 / 21.5H **1Ø / 3Ø**





Flange

Female Thread		
PT	PF	NPT

Dimensions–mm Weight:kg

Model	d	A	B	D	E	F	G	H	WT1	Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY	WT2
32GF21.5 1Ø	32	285	250	203	156	158	533	596	36	EF1¼-84	32	84	105	10	2	1
32GF22.2 1Ø	32	285	250	203	156	158	560	623	38	EF1¼-84	32	84	105	10	2	1
32GF21.5H 1Ø	32	285	250	203	156	158	533	596	36	EF1¼-84	32	84	105	10	2	1
32GF21.5 3Ø	32	285	250	203	156	158	478	541	32	EF1¼-84	32	84	105	10	2	1
32GF22.2 3Ø	32	285	250	203	156	158	478	541	35	EF1¼-84	32	84	105	10	2	1
32GF21.5H 3Ø	32	285	250	203	156	158	478	541	32	EF1¼-84	32	84	105	10	2	1

Dimensions–inch Weight:lb

Model	d	A	B	D	E	F	G	H	WT1	Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY	WT2
32GF21.5 1Ø	1 1/4	11 1/4	9 13/16	8	6 1/8	6 1/4	21	23 7/16	79	EF1¼-84	1 1/4	3 5/16	4 1/8	3/8	2	1
32GF22.2 1Ø	1 1/4	11 1/4	9 13/16	8	6 1/8	6 1/4	22 1/16	24 1/2	84	EF1¼-84	1 1/4	3 5/16	4 1/8	3/8	2	1
32GF21.5H 1Ø	1 1/4	11 1/4	9 13/16	8	6 1/8	6 1/4	21	23 7/16	79	EF1¼-84	1 1/4	3 5/16	4 1/8	3/8	2	1
32GF21.5 3Ø	1 1/4	11 1/4	9 13/16	8	6 1/8	6 1/4	18 13/16	21 5/16	71	EF1¼-84	1 1/4	3 5/16	4 1/8	3/8	2	1
32GF22.2 3Ø	1 1/4	11 1/4	9 13/16	8	6 1/8	6 1/4	18 13/16	21 5/16	77	EF1¼-84	1 1/4	3 5/16	4 1/8	3/8	2	1
32GF21.5H 3Ø	1 1/4	11 1/4	9 13/16	8	6 1/8	6 1/4	18 13/16	21 5/16	71	EF1¼-84	1 1/4	3 5/16	4 1/8	3/8	2	1

C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level

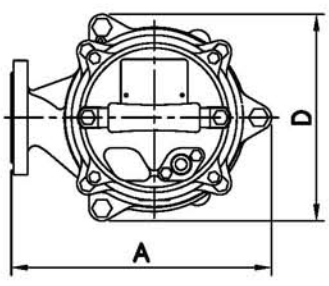
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

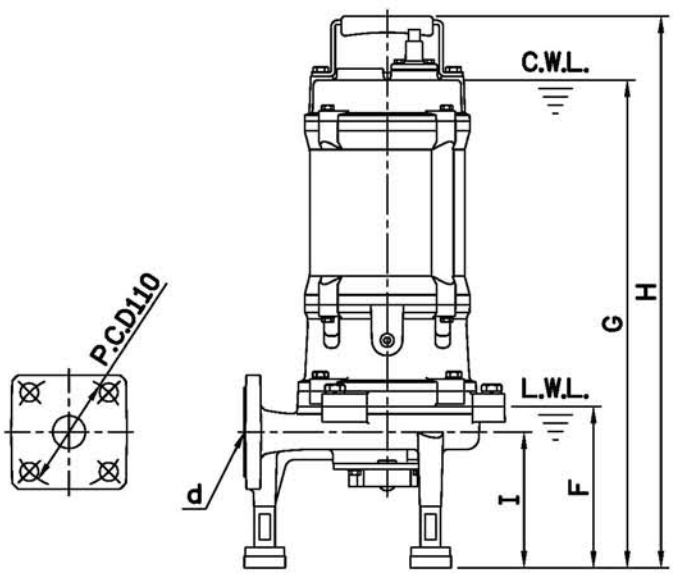
HCP PUMP

GF SERIES

DIMENSIONS **NO: SGGF0222032-00**

MODEL: 32GF21.5 / 22.2 / 21.5HDN40 **1Ø / 3Ø**





Dimensions–mm Weight:kg

Model	d	A	D	I	F	G	H	WT1
32GF21.5DN40 1Ø	32	255	203	133	158	533	596	36
32GF21.5DN40 3Ø	32	255	203	133	158	478	541	32
32GF22.2DN40 1Ø	32	255	203	133	158	560	623	39
32GF22.2DN40 3Ø	32	255	203	133	158	478	541	36
32GF21.5HDN40 1Ø	32	255	203	133	158	533	596	36
32GF21.5HDN40 3Ø	32	255	203	133	158	478	541	32

Dimensions–inch Weight:lb

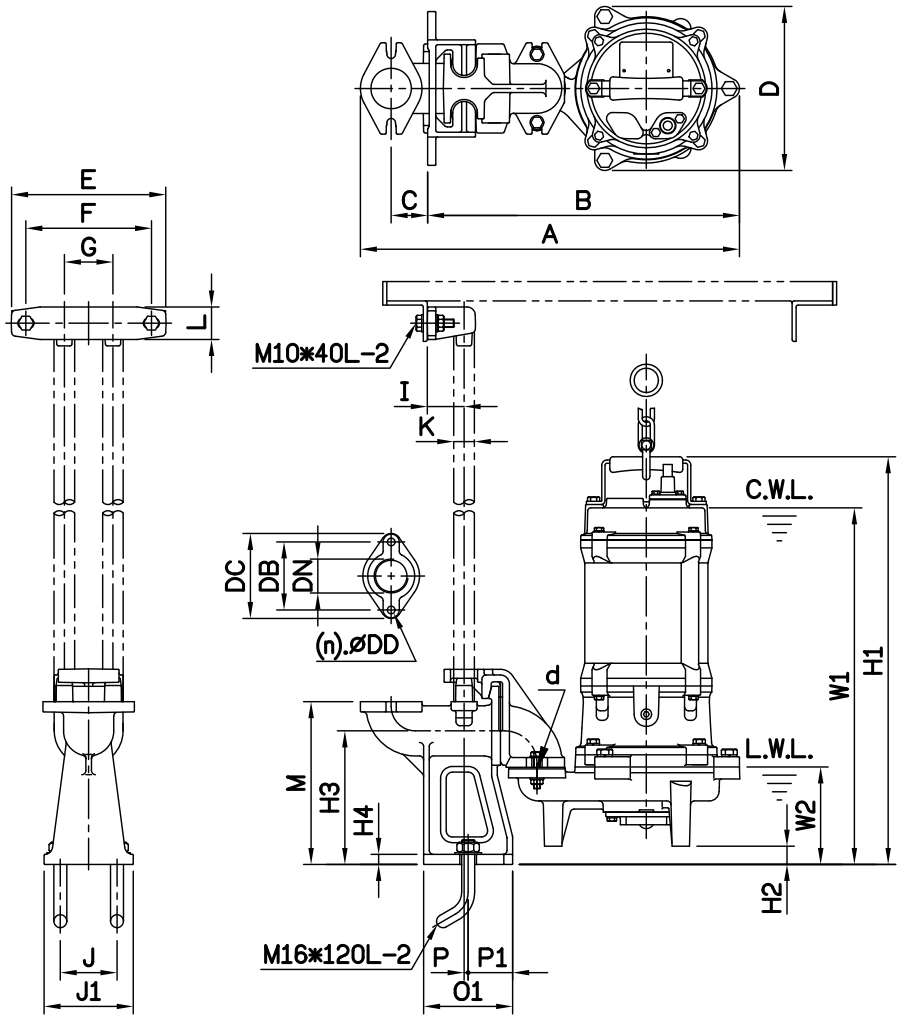
Model	d	A	D	I	F	G	H	WT1
32GF21.5DN40 1Ø	1 1/4	10 1/16	8	5 1/4	6 1/4	21	23 7/16	79
32GF21.5DN40 3Ø	1 1/4	10 1/16	8	5 1/4	6 1/4	18 13/16	21 5/16	71
32GF22.2DN40 1Ø	1 1/4	10 1/16	8	5 1/4	6 1/4	22 1/16	24 1/2	86
32GF22.2DN40 3Ø	1 1/4	10 1/16	8	5 1/4	6 1/4	18 13/16	21 5/16	79
32GF21.5HDN40 1Ø	1 1/4	10 1/16	8	5 1/4	6 1/4	21	23 7/16	79
32GF21.5HDN40 3Ø	1 1/4	10 1/16	8	5 1/4	6 1/4	18 13/16	21 5/16	71

C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level

WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS NO: TFGF0222032-00

MODEL: 32GF21.5 / 22.2 / 21.5H 1Ø / 3Ø



Flange

Female Thread	
PF	NPT

Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF1¼-84	32	84	105	10	2

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF1¼-84	1 1/4	3 5/16	4 1/8	3/8	2

Dimensions-mm Weight:kg

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	GRS Set	WT2
32GF21.5 1Ø	32	468	385	45	203	190	155	60	45	70	110	¾"	40	201	110	5	55	495	120	558	22	165	13	36	T2-32(50)	8
32GF22.2 1Ø	32	468	385	45	203	190	155	60	45	70	110	¾"	40	201	110	5	55	522	120	585	22	165	13	38	T2-32(50)	8
32GF21.5H 1Ø	32	468	385	45	203	190	155	60	45	70	110	¾"	40	201	110	5	55	495	120	558	22	165	13	36	T2-32(50)	8
32GF21.5 3Ø	32	468	385	45	203	190	155	60	45	70	110	¾"	40	201	110	5	55	440	120	503	23	165	13	32	T2-32(50)	8
32GF22.2 3Ø	32	468	385	45	203	190	155	60	45	70	110	¾"	40	201	110	5	55	440	120	503	23	165	13	35	T2-32(50)	8
32GF21.5H 3Ø	32	468	385	45	203	190	155	60	45	70	110	¾"	40	201	110	5	55	440	120	503	23	165	13	32	T2-32(50)	8

Dimensions-inch Weight:lb

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	GRS Set	WT2
32GF21.5 1Ø	1 1/4	18 7/16	15 3/16	1 3/4	8	7 1/2	6 1/8	2 3/8	1 3/4	2 3/4	4 5/16	3/4	1 9/16	7 15/16	4 5/16	3/16	2 3/16	19 1/2	4 3/4	21 15/16	7/8	6 1/2	1/2	79	T2-32(50)	18
32GF22.2 1Ø	1 1/4	18 7/16	15 3/16	1 3/4	8	7 1/2	6 1/8	2 3/8	1 3/4	2 3/4	4 5/16	3/4	1 9/16	7 15/16	4 5/16	3/16	2 3/16	20 9/16	4 3/4	23 1/16	7/8	6 1/2	1/2	84	T2-32(50)	18
32GF21.5H 1Ø	1 1/4	18 7/16	15 3/16	1 3/4	8	7 1/2	6 1/8	2 3/8	1 3/4	2 3/4	4 5/16	3/4	1 9/16	7 15/16	4 5/16	3/16	2 3/16	19 1/2	4 3/4	21 15/16	7/8	6 1/2	1/2	79	T2-32(50)	18
32GF21.5 3Ø	1 1/4	18 7/16	15 3/16	1 3/4	8	7 1/2	6 1/8	2 3/8	1 3/4	2 3/4	4 5/16	3/4	1 9/16	7 15/16	4 5/16	3/16	2 3/16	17 5/16	4 3/4	19 13/16	7/8	6 1/2	1/2	71	T2-32(50)	18
32GF22.2 3Ø	1 1/4	18 7/16	15 3/16	1 3/4	8	7 1/2	6 1/8	2 3/8	1 3/4	2 3/4	4 5/16	3/4	1 9/16	7 15/16	4 5/16	3/16	2 3/16	17 5/16	4 3/4	19 13/16	7/8	6 1/2	1/2	77	T2-32(50)	18
32GF21.5H 3Ø	1 1/4	18 7/16	15 3/16	1 3/4	8	7 1/2	6 1/8	2 3/8	1 3/4	2 3/4	4 5/16	3/4	1 9/16	7 15/16	4 5/16	3/16	2 3/16	17 5/16	4 3/4	19 13/16	7/8	6 1/2	1/2	71	T2-32(50)	18

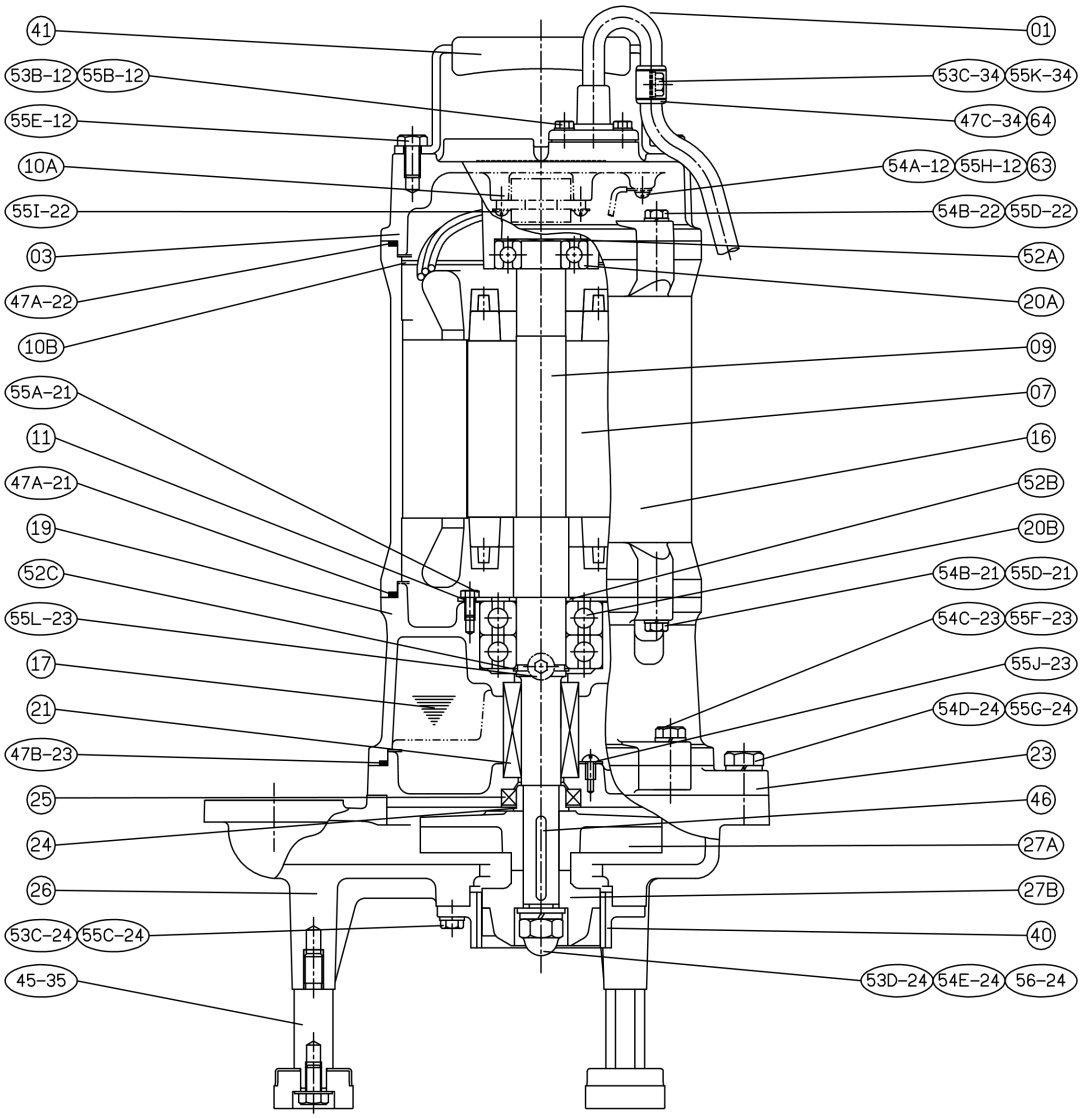
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level

WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

SECTIONAL VIEWS NO: 0FGF0222030-1

MODEL: 32GF21.5 / 22.2 3Ø

C:V



C:V stands for Vertical Casing

Número	Nombre de la pieza	Material	Cantidad
01	Cable		1
03	Cubierta Superior	FC200	1
07	Estator		1
09	Extremo del Eje	SUS403	1
10A	Protector Auto-corte		1
10B	Placa Protectora		1
11	Fijador de Rodamiento	SPCC	1
16	Bastidor del Motor	FC200	1
17	Lubricante		
19	Soporte del Rodamiento	FC200	1
20A	Rodamiento		1
20B	Rodamiento		1
21	Sello Mecánico	CA/CE & SiC/SiC	1
23	Soporte Sello Mecánico	FC200	1

Número	Nombre de la pieza	Material	Cantidad
24	Casquillo del Sello de Aceite	SUS403	1
25	Sello de Aceite	NBR	1
26	Carcasa	FC200	1
27A	Impulsor	FC200	1
27B	Cortador Radial	SUS440C	1
40	Anillo de Corte	SUS440C	1
41	Asa	SUS304	1
46	Llave del Impulsor	SUS304	1
47	Kit de Empaques		