HCP PUMP

Series	**AF**
Modelo	**200(250)AFE415**
Frecuencia	**50**
Fase / Voltaje	**3 Ø / 380 V**
Corriente Nominal	**31 A**
Descarga	**200 mm (8")**



Datos del Motor

Potencia de Entrada - P1	17.2 kW
Potencia Nominal - P2	15 kW
Clase de Aislamiento	H
Cantidad Máxima de Arranques por Hora	5
Velocidad de Rotación Estándar	1450
Método de Arranque	STAR-DELTA/DOL
Índice de Protección IP	IP68
A Prueba de Explosiones	NO

Tecnología

Tipo de Impulsor	Channel
Sello Mecánico	Double
Aceite Lubricante VG32	2800 CC
Paso Sólido	100x93 mm (4"x3⅔")
Tipo de Refrigeración	External cooling
Camisa de Refrigeración	NO

Material

Bastidor del Motor	FC200 (GG-20)
Eje	SUS420J2 (X30Cr13)
Carcasa	FC200 (GG-20)
Impulsor	FC200 (GG-20)
Sello Mecánico	CA/CE&SiC/SiC
Cable	VCT,H07RN-F
Rodamientos Superior e Inferior	6307ZZ,6310ZZ

Fluido

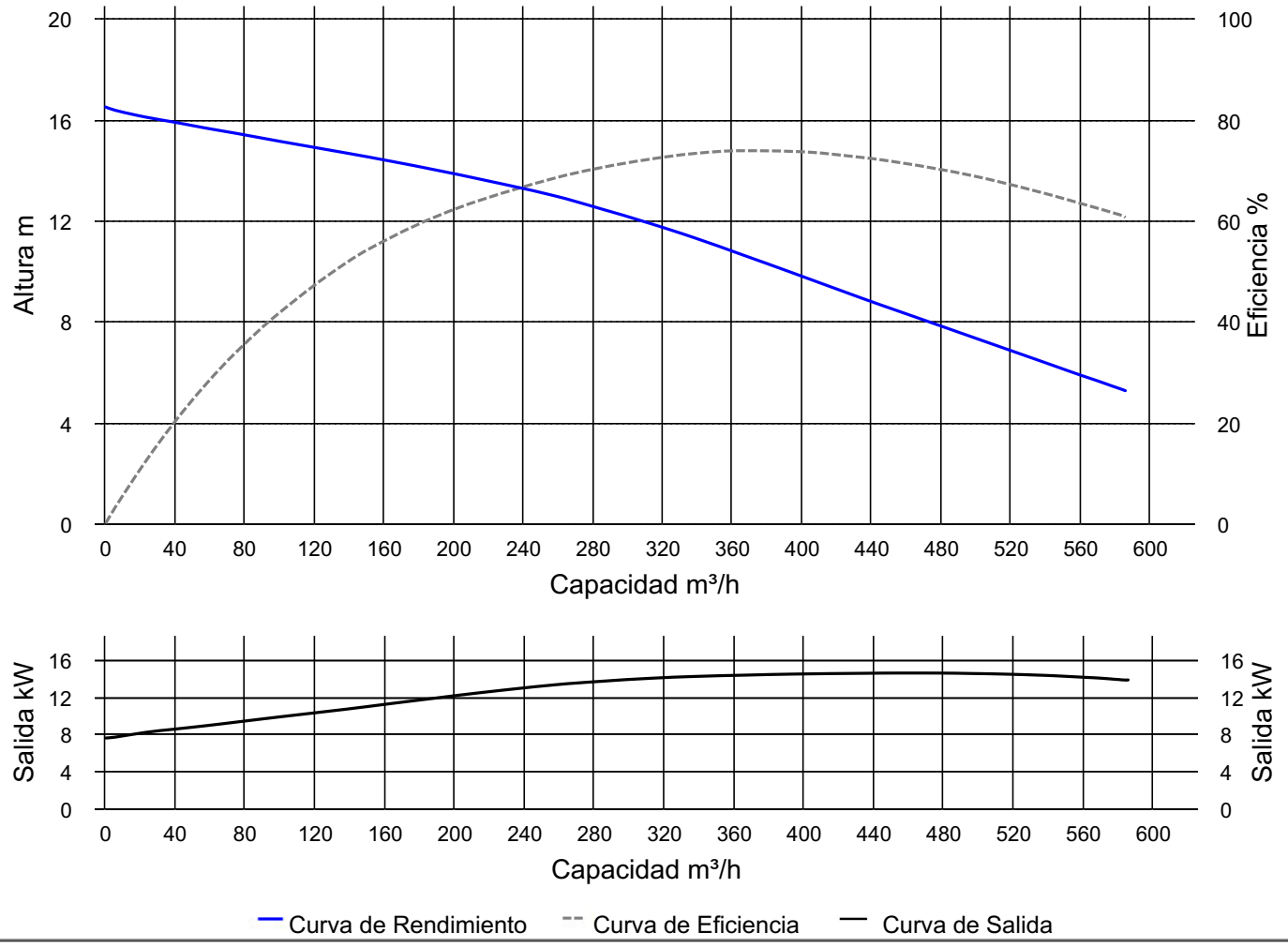
Temperatura Ambiente Máxima	0~40°C (32~104°F)
Profundidad Máxima de Instalación	20m (66ft)
Temperatura Máxima del Fluido	40 °C (104°F)
Fluido Bombeado	Sewage

Otros (Opcional)

Dispositivo de Protección	MTS
Sensor de Humedad	MS

HCP PUMP

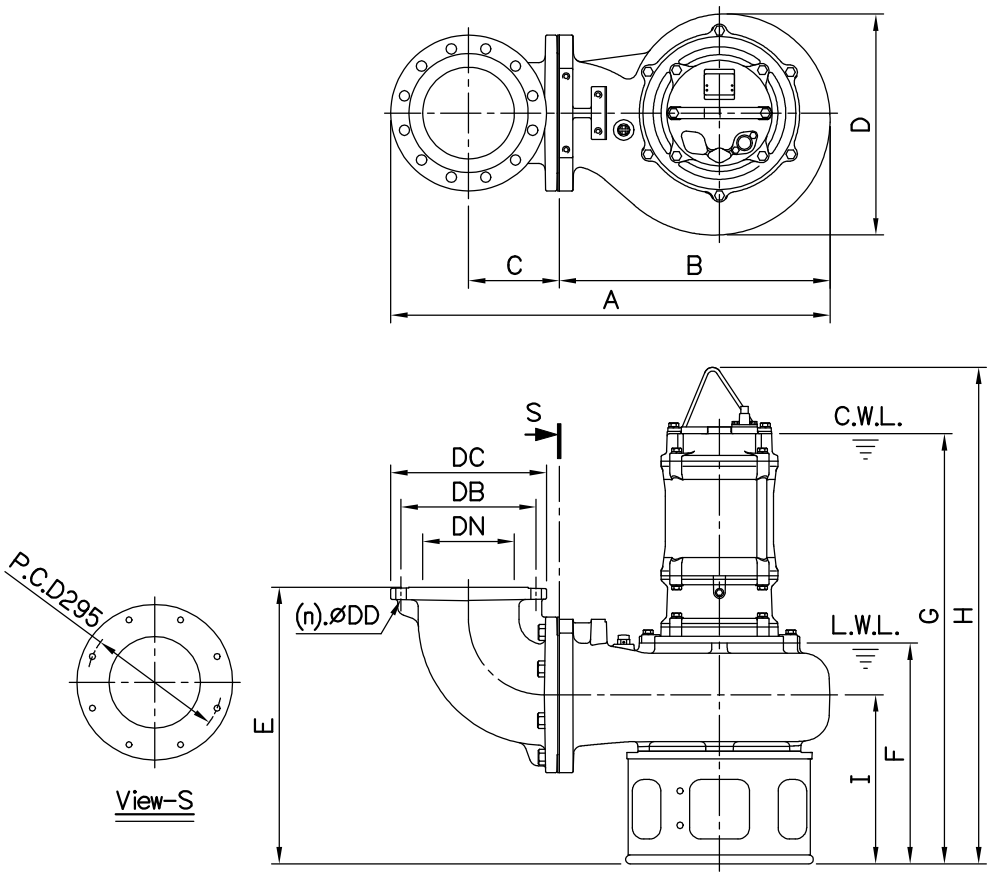
PUMP PERFORMANCE CURVES			
Modelo	200(250)AFE415	**N.º de archivo**	20261021041313
Frecuencia	50 Hz	**N.º de versión**	202003060911
Descarga	8" / 200 mm	**REFERENCE SPECIFICATION**	
Potencia	20 HP / 15 kW	**Salida**	13.51 kW
Altura Estándar	12.5 m	**Eficiencia**	69.6 %
Capacidad Estándar	270 m³/h		
Fase / Voltaje	3 Ø / 380 V		
Corriente Nominal	31 A		
Polo / rpm	4 P / 1450 rpm		
Método de Arranque	STAR-DELTA/DOL		
Clase de Aislamiento	H		



HCP PUMP MANUFACTURER CO., LTD.

DIMENSIONS NO:S8AFE4A5030-00

MODEL: 200(250)AFE47.5 / 411 / 415 50Hz 3Ø



Dimensions-mm Weight:kg

Model	A	B	C	D	E	F	G	H	I	WT1
200(250)AFE47.5	960	592	198	484	605	482	939	1085	340	206
200(250)AFE47.5	1023	592	228	484	620	482	939	1085	340	206
200(250)AFE411	960	592	198	484	605	482	989	1134	369	218
200(250)AFE411	1023	592	228	484	620	482	989	1134	369	218
200(250)AFE415	960	592	198	484	605	482	989	1134	369	227
200(250)AFE415	1023	592	228	484	620	482	989	1134	369	227

DN	JIS 10K					DIN PN10					WT2
	Elbow (Flange) Set	DB	DC	DD	(n) QTY	Elbow (Flange) Set	DB	DC	DD	(n) QTY	
200	EB8-295(240)	290	330	23	12	EB8-295(240)	295	340	23	8	37
250	EB10-355(295)	355	400	25	12	EB10-355(295)	350	395	23	12	54
200	EB8-295(240)	290	330	23	12	EB8-295(240)	295	340	23	8	37
250	EB10-355(295)	355	400	25	12	EB10-355(295)	350	395	23	12	54
200	EB8-295(240)	290	330	23	12	EB8-295(240)	295	340	23	8	37
250	EB10-355(295)	355	400	25	12	EB10-355(295)	350	395	23	12	54

Dimensions-inch Weight:lb

Model	A	B	C	D	E	F	G	H	I	WT1
150(200)AFE47.5	37 13/16	23 5/16	7 13/16	19 1/16	23 13/16	19	36 15/16	42 11/16	13 3/8	454
150(200)AFE47.5	40 1/4	23 5/16	9	19 1/16	24 7/16	19	36 15/16	42 11/16	13 3/8	454
150(200)AFE411	37 13/16	23 5/16	7 13/16	19 1/16	23 13/16	19	38 15/16	44 5/8	14 1/2	481
150(200)AFE411	40 1/4	23 5/16	9	19 1/16	24 7/16	19	38 15/16	44 5/8	14 1/2	481
150(200)AFE415	37 13/16	23 5/16	7 13/16	19 1/16	23 13/16	19	38 15/16	44 5/8	14 1/2	500
150(200)AFE415	40 1/4	23 5/16	9	19 1/16	24 7/16	19	38 15/16	44 5/8	14 1/2	500

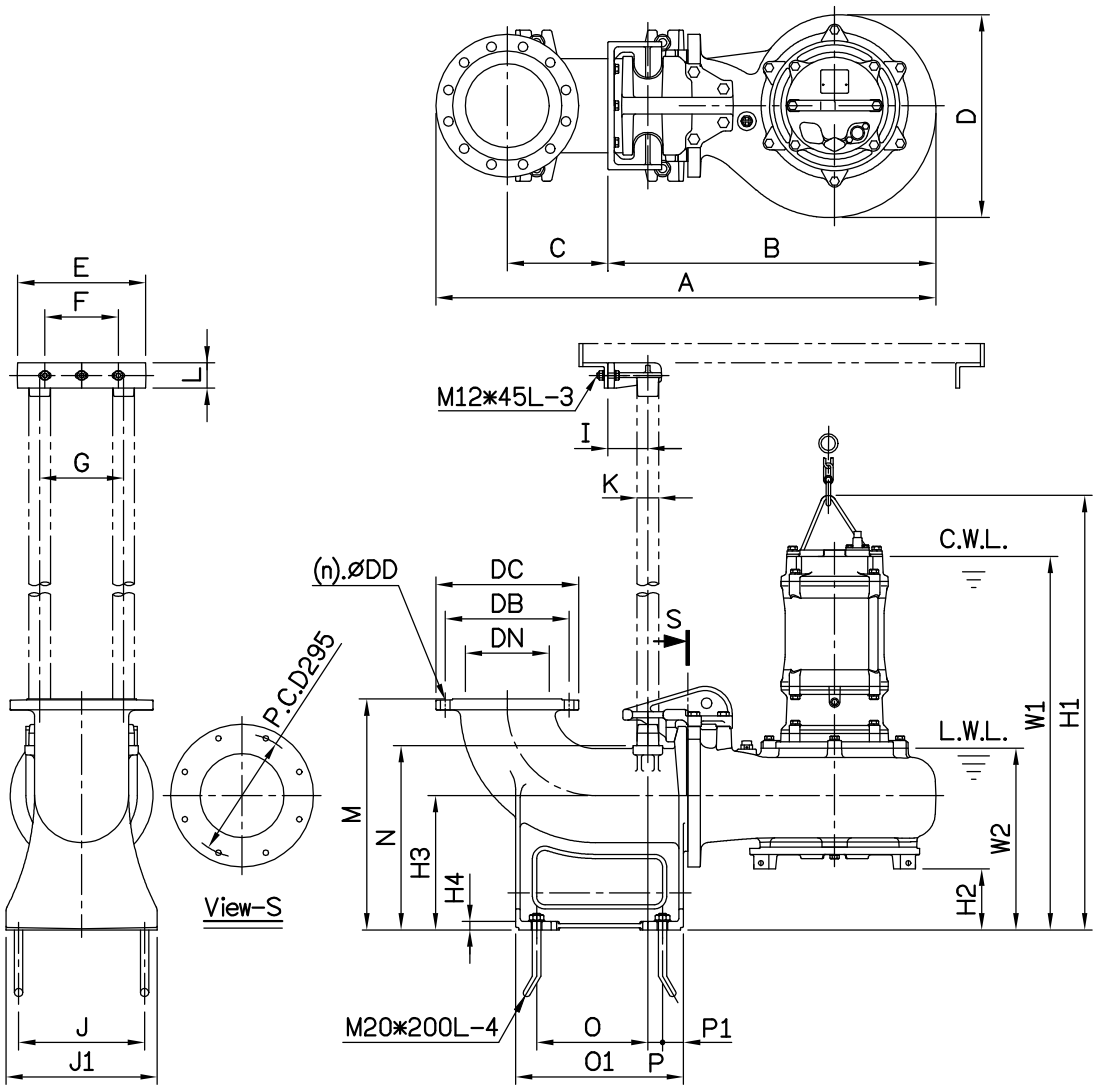
DN	JIS 10K					DIN PN10					WT2
	Elbow (Flange) Set	DB	DC	DD	(n) QTY	Elbow (Flange) Set	DB	DC	DD	(n) QTY	
8	EB8-295(240)	11 7/16	13	7/8	12	EB8-295(240)	11 5/8	13 3/8	7/8	5/16	82
10	EB10-355(295)	14	15 3/4	1	12	EB10-355(295)	13 3/4	15 5/16	7/8	1/2	119
8	EB8-295(240)	11 7/16	13	7/8	12	EB8-295(240)	11 5/8	13 3/8	7/8	5/16	82
10	EB10-355(295)	14	15 3/4	1	12	EB10-355(295)	13 3/4	15 5/16	7/8	1/2	119
8	EB8-295(240)	11 7/16	13	7/8	12	EB8-295(240)	11 5/8	13 3/8	7/8	5/16	82
10	EB10-355(295)	14	15 3/4	1	12	EB10-355(295)	13 3/4	15 5/16	7/8	1/2	119

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: T8AFE4A5030-00

MODEL: 200(250)AFE47.5 / 411 / 415 50Hz 3Ø



Dimensions-mm

DN	GRS Set	JIS 10K			
		DB	DC	DD	(n)QTY
200	T200A	290	340	23	12
250	T250(200)A	355	406	25	12
DN	GRS Set	DIN PN10			
		DB	DC	DD	(n)QTY
200	T200A	295	340	23	8
250	T250(200)A	350	406	23	12

Dimensions-inch

DN	GRS Set	JIS 10K			
		DB	DC	DD	(n)QTY
8	T200A	11 1/16	13 3/8	7/8	12
10	T250(200)A	14	16	1	12
DN	GRS Set	DIN PN10			
		DB	DC	DD	(n)QTY
8	T200A	11 5/16	13 3/8	7/8	8
10	T250(200)A	13 3/4	16	7/8	12

Dimensions-mm

Weight:kg

Model	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	GRS Set	WT2
200(250)AFE47.5	1192	782	240	484	305	175	200	95	300	360	2"	60	550	439	265	400	35	50	890	433	1035	145	320	20	191	T200A	101
200(250)AFE47.5	1275	782	290	484	305	175	200	95	350	410	2"	60	570	439	315	450	35	50	890	433	1035	145	320	20	191	T250(200)A	120
200(250)AFE411	1192	782	240	484	305	175	200	95	300	360	2"	60	550	439	265	400	35	50	940	433	1085	145	320	20	218	T200A	101
200(250)AFE411	1275	782	290	484	305	175	200	95	350	410	2"	60	570	439	315	450	35	50	940	433	1085	145	320	20	218	T250(200)A	120
200(250)AFE415	1192	782	240	484	305	175	200	95	300	360	2"	60	550	439	265	400	35	50	940	433	1085	145	320	20	227	T200A	101
200(250)AFE415	1275	782	290	484	305	175	200	95	350	410	2"	60	570	439	315	450	35	50	940	433	1085	145	320	20	227	T250(200)A	120

Dimensions-inch

Weight:lb

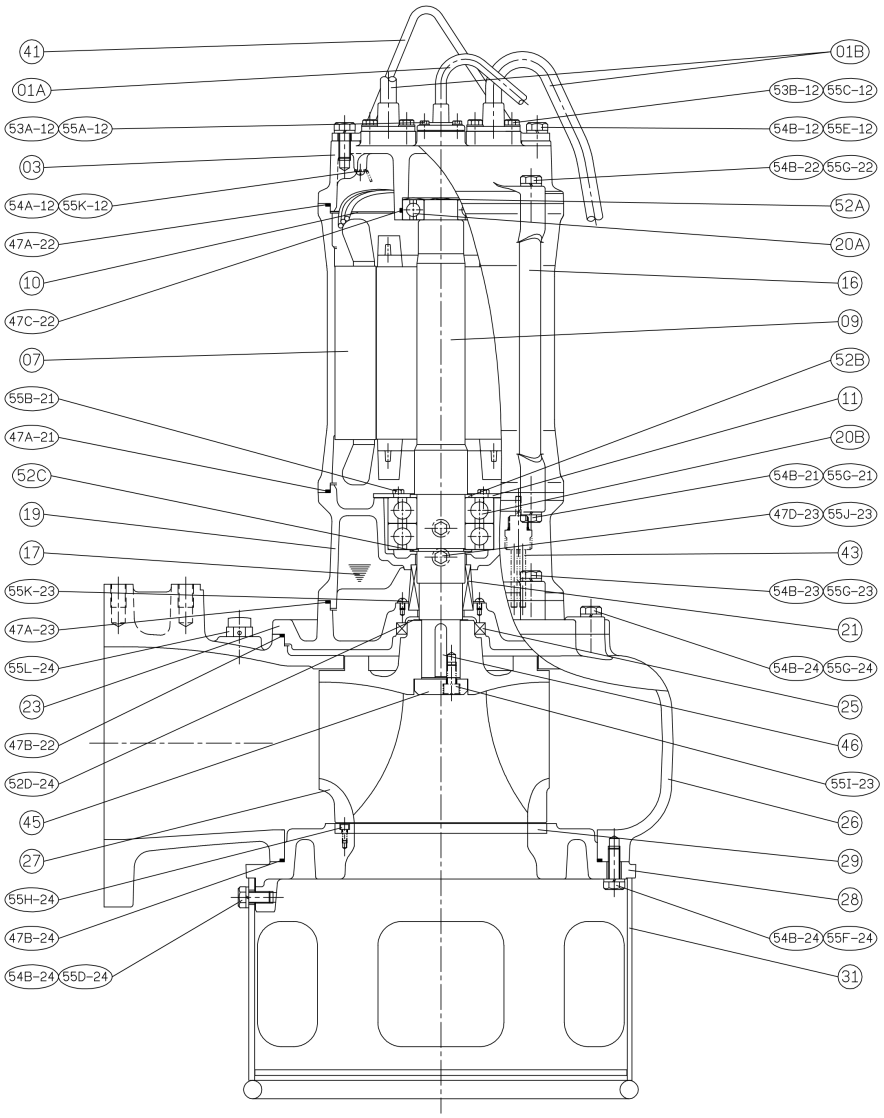
Model	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	GRS Set	WT2
200(250)AFE47.5	46 15/16	30 13/16	9 7/16	19 1/16	12	6 7/8	7 7/8	3 3/4	11 13/16	14 3/16	2	2 3/8	21 5/8	17 5/16	10 7/16	15 3/4	1 3/8	1 15/16	35 1/16	17 1/16	40 3/4	5 11/16	12 5/8	13/16	421	T200A	223
200(250)AFE47.5	52 3/16	30 13/16	11 7/16	19 1/16	12	6 7/8	7 7/8	3 3/4	13 3/4	16 1/8	2	2 3/8	22 7/16	17 5/16	12 3/8	17 11/16	1 3/8	1 15/16	35 1/16	17 1/16	40 3/4	5 11/16	12 5/8	13/16	421	T250(200)A	260
200(250)AFE411	46 15/16	30 13/16	9 7/16	19 1/16	12	6 7/8	7 7/8	3 3/4	11 13/16	14 3/16	2	2 3/8	21 5/8	17 5/16	10 7/16	15 3/4	1 3/8	1 15/16	37	17 1/16	42 11/16	5 11/16	12 5/8	13/16	481	T200A	223
200(250)AFE411	52 3/16	30 13/16	11 7/16	19 1/16	12	6 7/8	7 7/8	3 3/4	13 3/4	16 1/8	2	2 3/8	22 7/16	17 5/16	12 3/8	17 11/16	1 3/8	1 15/16	37	17 1/16	42 11/16	5 11/16	12 5/8	13/16	481	T250(200)A	260
200(250)AFE415	46 15/16	30 13/16	9 7/16	19 1/16	12	6 7/8	7 7/8	3 3/4	11 13/16	14 3/16	2	2 3/8	21 5/8	17 5/16	10 7/16	15 3/4	1 3/8	1 15/16	37	17 1/16	42 11/16	5 11/16	12 5/8	13/16	500	T200A	223
200(250)AFE415	52 3/16	30 13/16	11 7/16	19 1/16	12	6 7/8	7 7/8	3 3/4	13 3/4	16 1/8	2	2 3/8	22 7/16	17 5/16	12 3/8	17 11/16	1 3/8	1 15/16	37	17 1/16	42 11/16	5 11/16	12 5/8	13/16	500	T250(200)A	260

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: 08AFE4A5030-1

MODEL: 150(200)AFE47.5/67.5/411/415 & 200(250)AFE47.5/67.5/411/415 3Ø



Número	Nombre de la pieza	Material	Cantidad
01A	Cable		1
01B	Cable (7.5kW *1QTY)		2
03	Cubierta Superior	FC200	1
07	Estator (With MTS)		1
09	Extremo del Eje	SUS420J2	1
10	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		2
21	Sello Mecánico	CA/CE & SiC/SiC	1
23	Soporte Sello Mecánico	FC200	1

Número	Nombre de la pieza	Material	Cantidad
25	Sello de Aceite	SUS304+NBR	1
26	Carcasa	FC200	1
27	Impulsor	FC200	1
28	Cubierta Carcasa	FC200	1
29	Placa de Desgaste	SCS14	1
31	Colador	SS400	1
41	Asa	SUS304	1
43	Sensor de Humedad		1
46	Llave del Impulsor	SUS304	1
47	Kit de Empaques		