HCP PUMP

Series	**IC**
Modelo	**IC-33B**
Frecuencia	**50**
Fase / Voltaje	**1 Ø / 220 V**
Corriente Nominal	**15 A**
Descarga	**80 mm (3")**



Datos del Motor

Potencia de Entrada - P1	3.05 kW
Potencia Nominal - P2	2.2 kW
Clase de Aislamiento	F
Cantidad Máxima de Arranques por Hora	10
Velocidad de Rotación Estándar	2820
Método de Arranque	CAPACITOR
Índice de Protección IP	IP68
A Prueba de Explosiones	NO

Tecnología

Tipo de Impulsor	Close
Sello Mecánico	Double
Aceite Lubricante VG32	500 CC
Paso Sólido	10 mm (⅜")
Tipo de Refrigeración	Self-cooling

Material

Bastidor del Motor	FC200 (GG-20)
Eje	SUS403 ((X5Cr13)
Carcasa	FC200 (GG-20)
Impulsor	Chrome Steel
Sello Mecánico	CA/CE&SiC/SiC
Cable	VCT,H07RN-F
Rodamientos Superior e Inferior	6204ZZ,6305ZZ

Fluido

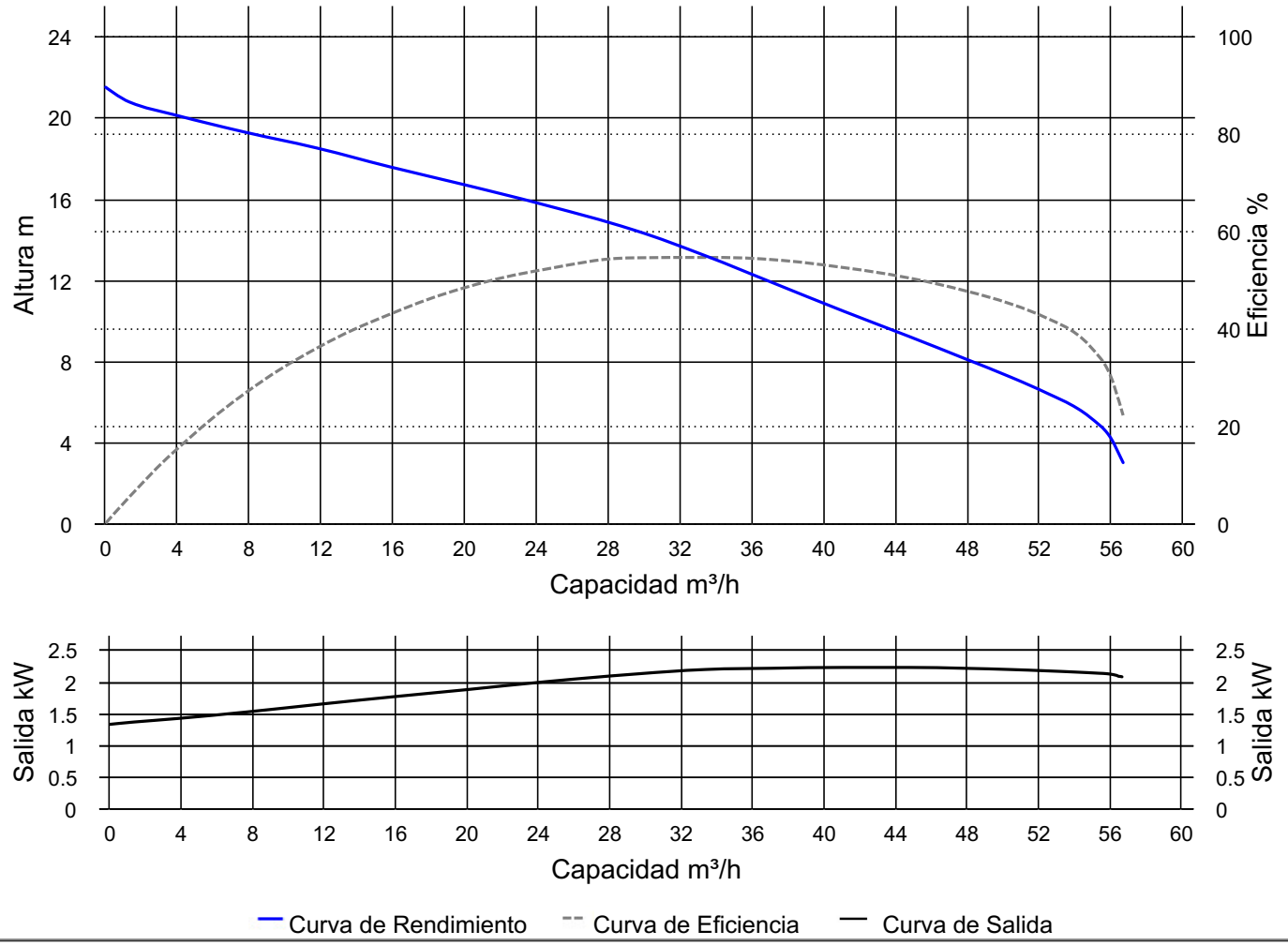
Temperatura Ambiente Máxima	0~40°C (32~104°F)
Profundidad Máxima de Instalación	20m (66ft)
Temperatura Máxima del Fluido	40 °C (104°F)
Fluido Bombeado	Agriculture, Aquaculture

Otros (Opcional)

Dispositivo de Protección	Auto-cut Protector
Sensor de Humedad	

HCP PUMP

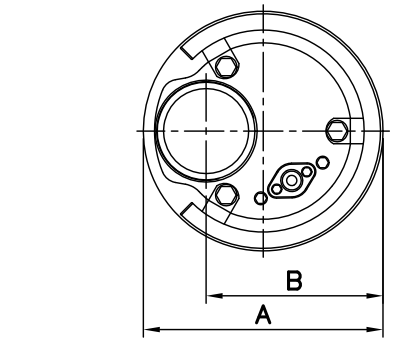
PUMP PERFORMANCE CURVES			
Modelo	IC-33B	**N.º de archivo**	20261027033644
Frecuencia	50 Hz	**N.º de versión**	202003060911
Descarga	3" / 80 mm	**REFERENCE SPECIFICATION**	
Potencia	3 HP / 2.2 kW	**Salida**	2.14 kW
Altura Estándar	14 m	**Eficiencia**	54.6 %
Capacidad Estándar	30 m³/h		
Fase / Voltaje	1 Ø / 220 V		
Corriente Nominal	15 A		
Polo / rpm	2 P / 2820 rpm		
Método de Arranque	CAPACITOR		
Clase de Aislamiento	F		

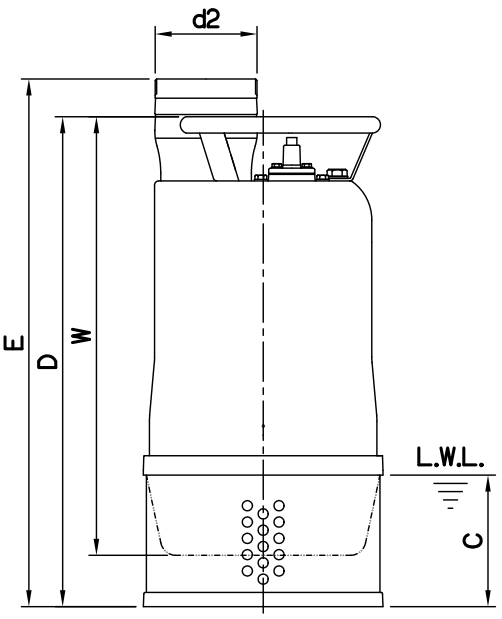


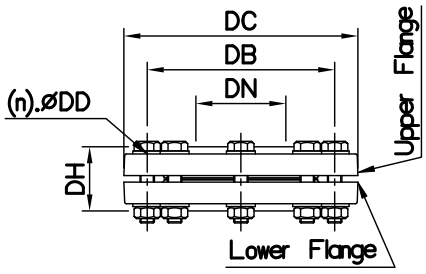
HCP PUMP MANUFACTURER CO., LTD.

DIMENSIONS NO: S4IC0237030-00

MODEL: IC-32B / 33B / 43B / 45B 50Hz 1Ø / 3Ø







Pump

Model	d2 mm	d2 inch	Male Thread
IC-32B	80	3"	PF/NPT
IC-33B	80	3"	PF/NPT
IC-43B	80	3"	PF/NPT
	90	3.5"	PF
	100	4"	PF/PT/NPT
IC-45B	90	3.5"	PF
	100	4"	PF/PT/NPT

Dimensions-mm Weight:kg

Model	A	B	C	D	E	W	WT1	Double Flange Set		
IC-32B 1Ø	235	174	115	511	548	475	40	L2F3-145-160	-	-
IC-32B 3Ø	235	174	115	466	503	430	36	L2F3-145-160	-	-
IC-33B 1Ø	235	174	115	541	578	505	45	L2F3-145-160	-	-
IC-33B 3Ø	235	174	115	466	503	430	39	L2F3-145-160	-	-
IC-43B 1Ø	235	174	130	556	593	505	45	L2F3-145-160	L2F4(3.5)-175-180	L2F4-165-190
IC-43B 3Ø	235	174	130	481	518	430	39	L2F3-145-160	L2F4(3.5)-175-180	L2F4-165-190
IC-45B 3Ø	235	174	130	511	548	460	44	L2F4(3.5)-175-180	L2F4-165-190	-

Dimensions-mm Weight:kg

L2F	DN	DB	DC	DD	DH	WT2	(n)QTY
L2F3-145-160	80	145~160	195	19	55	7	8
L2F3-145-160	80	145~160	195	19	55	7	8
L2F4(3.5)-175-180	100	175~180	215	15	56	8	8
L2F4(3.5)-175-180	100	175~180	215	15	56	8	8
L2F4-165-190	100	165~190	225	19	58	9	8
L2F4-165-190	100	165~190	225	19	58	9	8
-	-	-	-	-	-	-	-

Dimensions-inch Weight:lb

Model	A	B	C	D	E	W	WT1	Double Flange Set		
IC-32B 1Ø	9 1/4	6 7/8	4 1/2	20 1/8	21 9/16	18 11/16	88	L2F3-145-160	-	-
IC-32B 3Ø	9 1/4	6 7/8	4 1/2	18 3/8	19 13/16	16 15/16	79	L2F3-145-160	-	-
IC-33B 1Ø	9 1/4	6 7/8	4 1/2	21 5/16	22 3/4	19 1/16	99	L2F3-145-160	-	-
IC-33B 3Ø	9 1/4	6 7/8	4 1/2	18 3/8	19 13/16	16 15/16	86	L2F3-145-160	-	-
IC-43B 1Ø	9 1/4	6 7/8	5 1/8	21 7/8	23 3/8	19 1/16	99	L2F3-145-160	L2F4(3.5)-175-180	L2F4-165-190
IC-43B 3Ø	9 1/4	6 7/8	5 1/8	18 15/16	20 3/8	16 15/16	86	L2F3-145-160	L2F4(3.5)-175-180	L2F4-165-190
IC-45B 3Ø	9 1/4	6 7/8	5 1/8	20 1/8	21 9/16	20 1/8	97	L2F4(3.5)-175-180	L2F4-165-190	-

Dimensions-inch Weight:lb

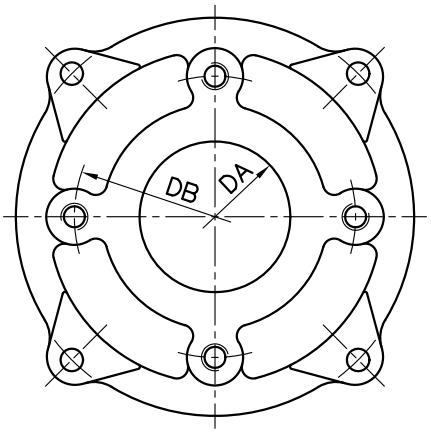
L2F	DN	DB	DC	DD	DH	WT2	(n)QTY
L2F3-145-160	3	5 11/16~6 5/16	7 1/16	3/4	2 3/16	15	8
L2F3-145-160	3	5 11/16~6 5/16	7 1/16	3/4	2 3/16	15	8
L2F4(3.5)-175-180	4	6 7/8~7 1/16	8 7/16	9/16	2 3/16	18	8
L2F4(3.5)-175-180	4	6 7/8~7 1/16	8 7/16	9/16	2 3/16	18	8
L2F4-165-190	4	6 1/2~7 1/2	8 7/8	3/4	2 5/16	20	8
L2F4-165-190	4	6 1/2~7 1/2	8 7/8	3/4	2 5/16	20	8
-	-	-	-	-	-	-	-

L.W.L.:Lowest Running Water Level

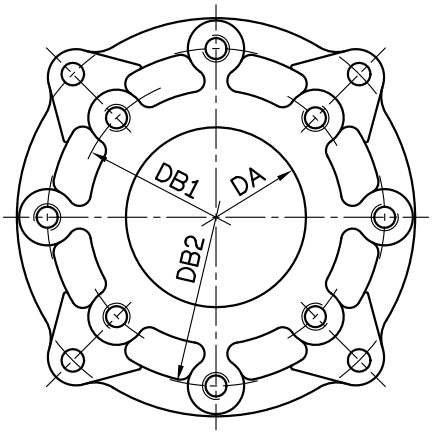
WT1:Pump Weight(Without Cable)
WT2:Double Flange Set Weight
W is the dimension from handle to casing cover.

DIMENSIONS No: SOIC0000001-01

MODEL: Casing cover



Application Model	Dimensions-mm		Dimensions-inch		Drilling	Suggested Bolts	(n)QTY
	DA	DB	DA	DB			
IC-215	50	100	2	4	M10	M10*25	4
IC-32B	67	125	2 5/8	5	M12	M12*25	4
IC-33B	67	125	2 5/8	5	M12	M12*25	4
IC-46B	90	150	3 9/16	6	M12	M12*25	4
IC-48	87	150	3 7/16	6	M12	M12*25	4
IC-410	87	150	3 7/16	6	M12	M12*25	4
IC-68	97	175	3 13/16	7	M12	M12*25	4
IC-610	97	175	3 13/16	7	M12	M12*25	4

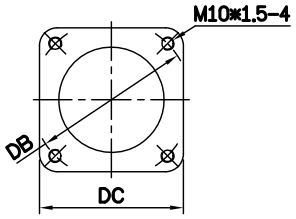


Application Model	Dimensions-mm			Dimensions-inch			Drilling	Suggested Bolts	(n)QTY
	DA	DB1	DB2	DA	DB1	DB2			
IC-43B	80	125	150	3	5	6	M12	M12*25	4
IC-45B	80	125	150	3	5	6	M12	M12*25	4

DIMENSIONS NO: SOIC0000000-00

MODEL: Outlet (4"~6")

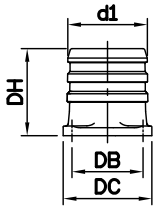
OUTLET CONNECTION



Model	mm		inch	
	DB	DC	DB	DC
5.5~7.5kW	127	112	5	4 7/16

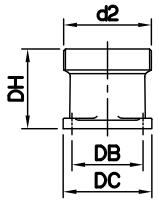
OPTIONAL OUTLET ACCESSORIES

LOH



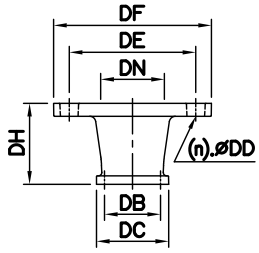
LOH	Dimensions-mm				kg	Dimensions-inch				lb
	d1	DB	DC	DH	Weight	d1	DB	DC	DH	Weight
LOH4-127	100	127	112	110	3	4	5	4 7/16	4 5/16	7
LOH6-127	150	127	112	172	5	6	5	4 7/16	6 3/4	11

LOT



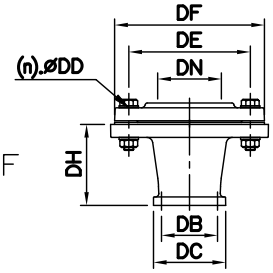
LOT	Dimensions-mm				kg	Dimensions-inch				lb	Thread Available		
	d2	DB	DC	DH	Weight	d2	DB	DC	DH	Weight			
LOT4-127	100	127	112	85	2	4	5	4 7/16	3 3/8	4	PF	PT	NPT
LOT6-127	150	127	112	140	4	6	5	4 7/16	5 1/2	9	PF	PT	NPT

LOF



LOF	Dimensions-mm							kg	Dimensions-inch							lb	(n)QTY
	DN	DB	DC	DD	DE	DF	DH	Weight	DN	DB	DC	DD	DE	DF	DH	Weight	
LOF4-175-190*127	100	127	112	19	175~190	225	110	10	4	5	4 7/16	3/4	6 7/8~7 1/2	8 7/8	4 5/16	22	8
LOF6-240*127	150	127	112	23	240	280	140	14	6	5	4 7/16	7/8	9 7/16	11	5 1/2	31	8

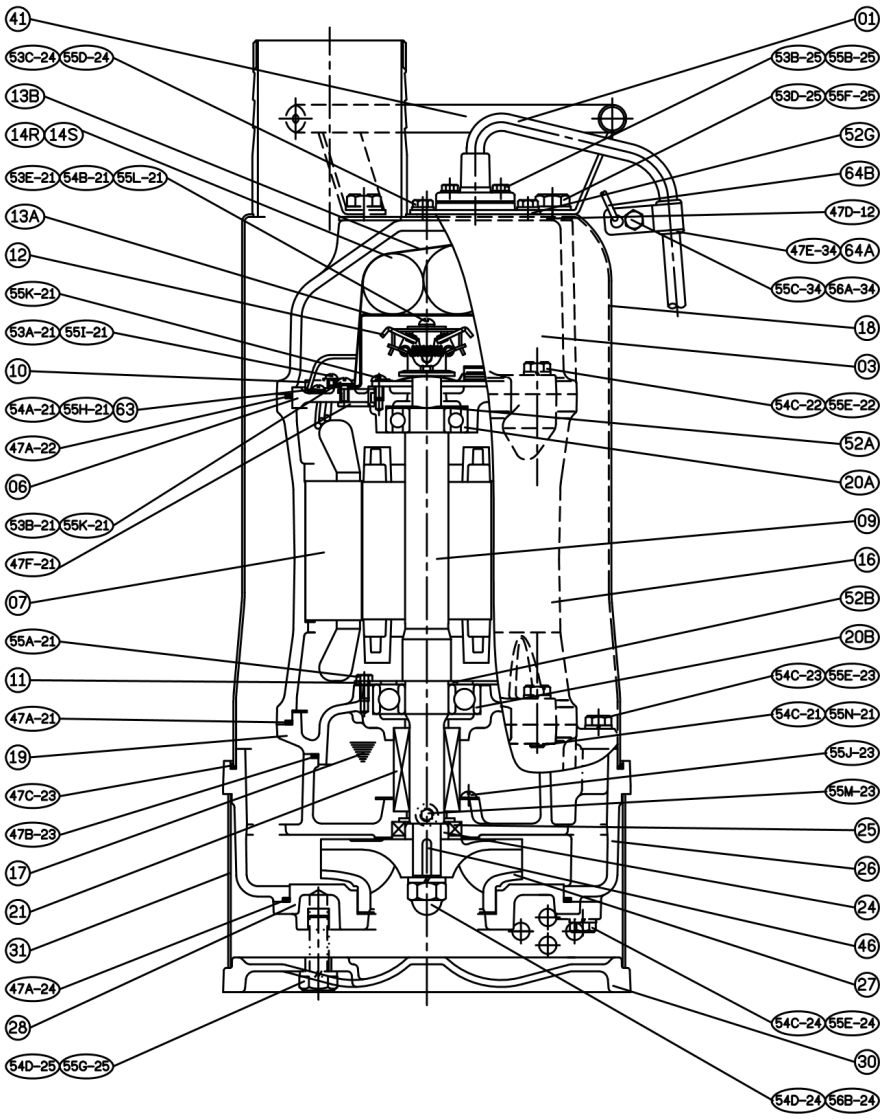
LKF



LKF	Dimensions-mm							kg	Dimensions-inch							lb	(n)QTY	Thread Available	
	DN	DB	DC	DD	DE	DF	DH	Weight	DN	DB	DC	DD	DE	DF	DH	Weight			
LKF4-175*127	100	127	112	15	175	210	110	10	4	5	4 7/16	9/16	6 7/8	8 1/4	4 5/16	22	8	PT	NPT
LKF6-240*127	150	127	112	23	240	280	140	20	6	5	4 7/16	7/8	9 7/16	11	5 1/2	44	8	PT	NPT

SECTIONAL VIEWS NO: 03IC0222B10-1

MODEL: IC-33B / 43B 1Ø



Número	Nombre de la pieza	Material	Cantidad
01	Cable		1
03	Cubierta Superior	FC200	1
06	Soporte	FC200	1
07	Estator		1
09	Extremo del Eje	SUS403	1
10	Protector Auto-corte		1
11	Fijador de Rodamiento	SPCC	1
12	Interruptor Centrífugo		1
14R	Capacitor de Marcha		1
14S	Capacitor de Arranque		1
16	Bastidor del Motor	FC200	1
17	Lubricante		
18	Cubierta Exterior	SUS304	1
19	Soporte del Rodamiento	FC200	1

Número	Nombre de la pieza	Material	Cantidad
20A	Rodamiento		1
20B	Rodamiento		1
21	Sello Mecánico	CA/CE & SiC/SiC	1
24	Casquillo del Sello de Aceite	SUS403	1
25	Sello de Aceite	NBR	1
26	Carcasa	FC200	1
27	Impulsor	Chrome steel	1
28	Cubierta Carcasa	FC200	1
30	Base	FC200	1
31	Colador	SUS304	1
41	Asa	SUS304	1
46	Llave del Impulsor	SUS304	1
47	Kit de Empaques		