HCP PUMP

Series	**HD**
Modelo	**80HD22.2**
Frecuencia	**50**
Fase / Voltaje	**3 Ø / 380 V**
Corriente Nominal	**5 A**
Descarga	**80 mm (3")**



Datos del Motor

Potencia de Entrada - P1	2.95 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	DOL
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	HiCrFC
Sello Mecánico	CA/CE&SiC/SiC
Cable	VCT,H07RN-F
Rodamientos Superior e Inferior	6204ZZ,6305ZZ

Fluido

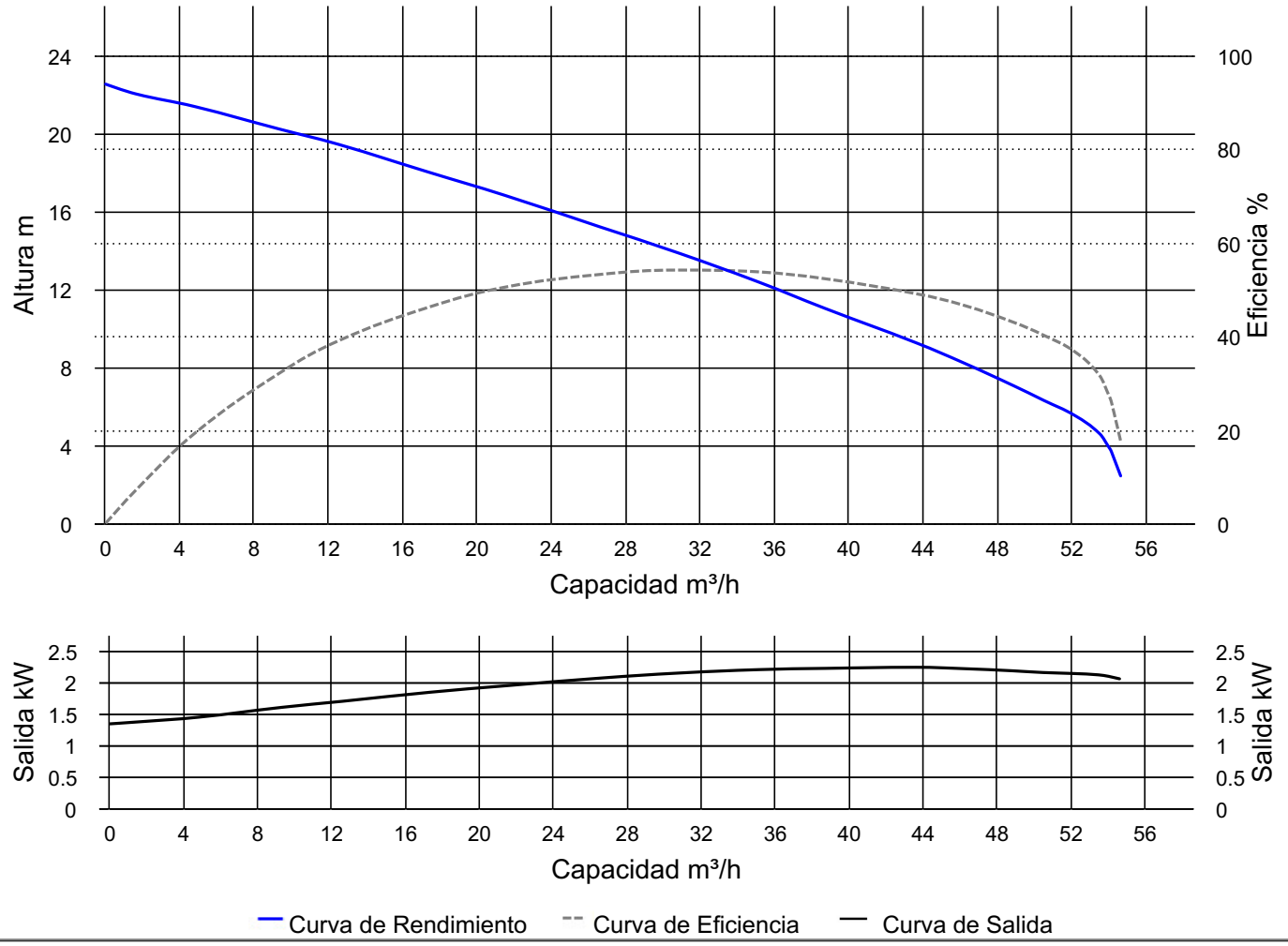
Temperatura Ambiente Máxima	0~40°C (32~104°F)
Profundidad Máxima de Instalación	20m (66ft)
Temperatura Máxima del Fluido	40 °C (104°F)
Fluido Bombeado	Construction drainage

Otros (Opcional)

Dispositivo de Protección	Auto-cut Protector
Sensor de Humedad	

HCP PUMP

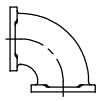
PUMP PERFORMANCE CURVES			
Modelo	80HD22.2	**N.º de archivo**	20261027021309
Frecuencia	50 Hz	**N.º de versión**	202003060911
Descarga	3" / 80 mm	**REFERENCE SPECIFICATION**	
Potencia	3 HP / 2.2 kW	**Salida**	2.13 kW
Altura Estándar	14 m	**Eficiencia**	53.9 %
Capacidad Estándar	30 m³/h		
Fase / Voltaje	3 Ø / 380 V		
Corriente Nominal	5 A		
Polo / rpm	2 P / 2820 rpm		
Método de Arranque	DOL		
Clase de Aislamiento	F		

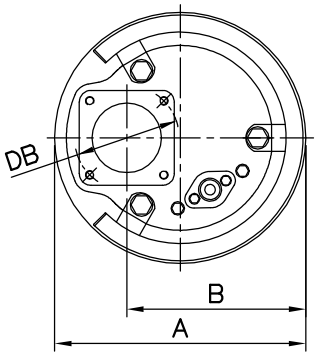


HCP PUMP MANUFACTURER CO., LTD.

DIMENSIONS NO: S4HD0237030-00

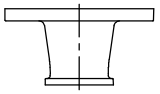
MODEL: 50HD21.5 / 22.2 & 80HD21.5 / 22.2 / 23.7 & 100HD23.7 50Hz 1Ø / 3Ø

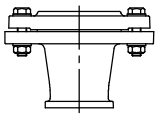


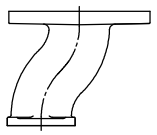


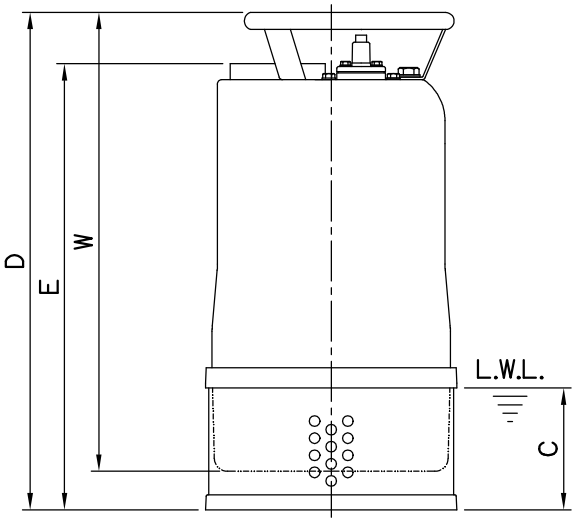












Outlet and flange detail information can be found on Accessories section.

Dimensions–mm Weight:kg

Model	A	B	C	D	E	W	DB	WT1	Optional Outlet Accessories					
									LOH	LOT	LOF	LKF	LOC	LEB
50HD21.5 1ø	235	168	114	511	463	475	98	40	LOH2-98	LOT2-98	LOF2-120-125*98	LKF2-120*98	–	LEBX-98
50HD21.5 3ø	235	168	114	466	418	430	98	36	LOH2-98	LOT2-98	LOF2-120-125*98	LKF2-120*98	–	LEBX-98
50HD22.2 1ø	235	168	114	541	463	475	98	44	LOH2-98	LOT2-98	LOF2-120-125*98	LKF2-120*98	–	LEBX-98
50HD22.2 3ø	235	168	114	466	418	430	98	39	LOH2-98	LOT2-98	LOF2-120-125*98	LKF2-120*98	–	LEBX-98
80HD21.5 1ø	235	168	114	511	463	475	98	40	LOH3-98	LOT3-98	LOF3-150-160*98	LKF3-150*98	LOC3-150*98	LEBX-98
80HD21.5 3ø	235	168	114	466	418	430	98	36	LOH3-98	LOT3-98	LOF3-150-160*98	LKF3-150*98	LOC3-150*98	LEBX-98
80HD22.2 1ø	235	168	114	541	463	475	98	45	LOH3-98	LOT3-98	LOF3-150-160*98	LKF3-150*98	LOC3-150*98	LEBX-98
80HD22.2 3ø	235	168	114	466	418	430	98	39	LOH3-98	LOT3-98	LOF3-150-160*98	LKF3-150*98	LOC3-150*98	LEBX-98
80HD23.7 3ø	235	168	114	496	418	460	98	44	LOH3-98	LOT3-98	LOF3-150-160*98	LKF3-150*98	LOC3-150*98	LEBX-98
100HD23.7 3ø	235	168	129	511	463	468	98	44	LOH4-98	LOT4-98	LOF4-175-190*98	LKF4-175*98	–	LEBX-98

Dimensions–inch Weight:lb

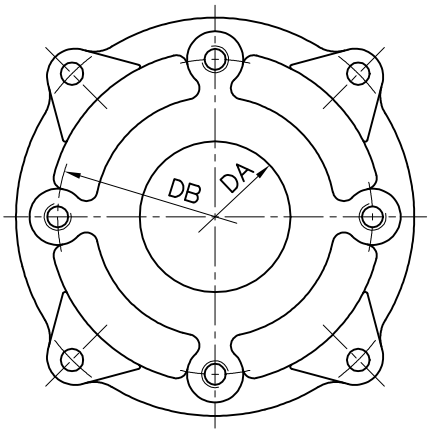
Model	A	B	C	D	E	W	DB	WT1	Optional Outlet Accessories					
									LOH	LOT	LOF	LKF	LOC	LEB
50HD21.5 1ø	9¼	6⅝	4½	20⅛	18¼	18 11/16	3⅞	88	LOH2-98	LOT2-98	LOF2-120-125*98	LKF2-120*98	–	LEBX-98
50HD21.5 3ø	9¼	6⅝	4½	18⅜	16 7/16	16 15/16	3⅞	79	LOH2-98	LOT2-98	LOF2-120-125*98	LKF2-120*98	–	LEBX-98
50HD22.2 1ø	9¼	6⅝	4½	21 5/16	18¼	18 11/16	3⅞	97	LOH2-98	LOT2-98	LOF2-120-125*98	LKF2-120*98	–	LEBX-98
50HD22.2 3ø	9¼	6⅝	4½	18⅜	16 7/16	16 15/16	3⅞	86	LOH2-98	LOT2-98	LOF2-120-125*98	LKF2-120*98	–	LEBX-98
80HD21.5 1ø	9¼	6⅝	4½	20⅛	18¼	18 11/16	3⅞	88	LOH3-98	LOT3-98	LOF3-150-160*98	LKF3-150*98	LOC3-150*98	LEBX-98
80HD21.5 3ø	9¼	6⅝	4½	18⅜	16 7/16	16 15/16	3⅞	79	LOH3-98	LOT3-98	LOF3-150-160*98	LKF3-150*98	LOC3-150*98	LEBX-98
80HD22.2 1ø	9¼	6⅝	4½	21 5/16	18¼	18 11/16	3⅞	99	LOH3-98	LOT3-98	LOF3-150-160*98	LKF3-150*98	LOC3-150*98	LEBX-98
80HD22.2 3ø	9¼	6⅝	4½	18⅜	16 7/16	16 15/16	3⅞	86	LOH3-98	LOT3-98	LOF3-150-160*98	LKF3-150*98	LOC3-150*98	LEBX-98
80HD23.7 3ø	9¼	6⅝	4½	19½	16 7/16	18⅛	3⅞	97	LOH3-98	LOT3-98	LOF3-150-160*98	LKF3-150*98	LOC3-150*98	LEBX-98
100HD23.7 3ø	9¼	6⅝	5 1/16	20⅛	18¼	18 1/16	3⅞	97	LOH4-98	LOT4-98	LOF4-175-190*98	LKF4-175*98	–	LEBX-98

L.W.L.:Lowest Running Water Level

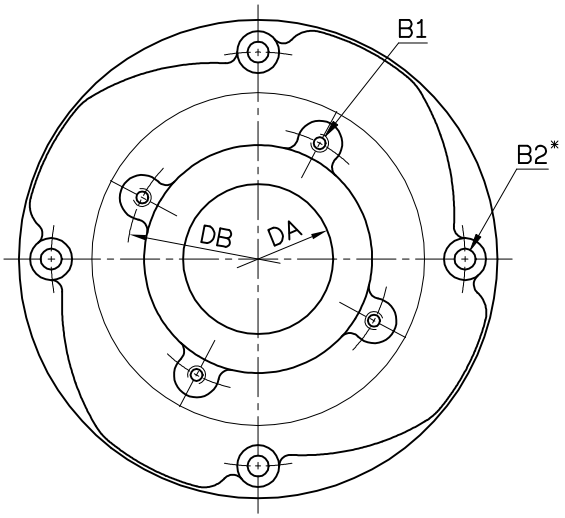
WT1:Pump Weight(Without Cable)
W is the dimension from handle to cover.

DIMENSIONS NO: SOHD0000005-00

MODEL: Casing & Casing cover For ADTC Type 50Hz



Application Model	Dimensions-mm		Dimensions-inch		Drilling	Suggested Bolts	(n)QTY
	DA	DB	DA	DB			
100HD25.5 ADTC	87	150	$3\frac{7}{16}$	6	M12	M12*25	4
100HD27.5 ADTC	87	150	$3\frac{7}{16}$	6	M12	M12*25	4
150HD25.5 ADTC	97	175	$3\frac{13}{16}$	7	M12	M12*25	4
150HD27.5 ADTC	97	175	$3\frac{13}{16}$	7	M12	M12*25	4



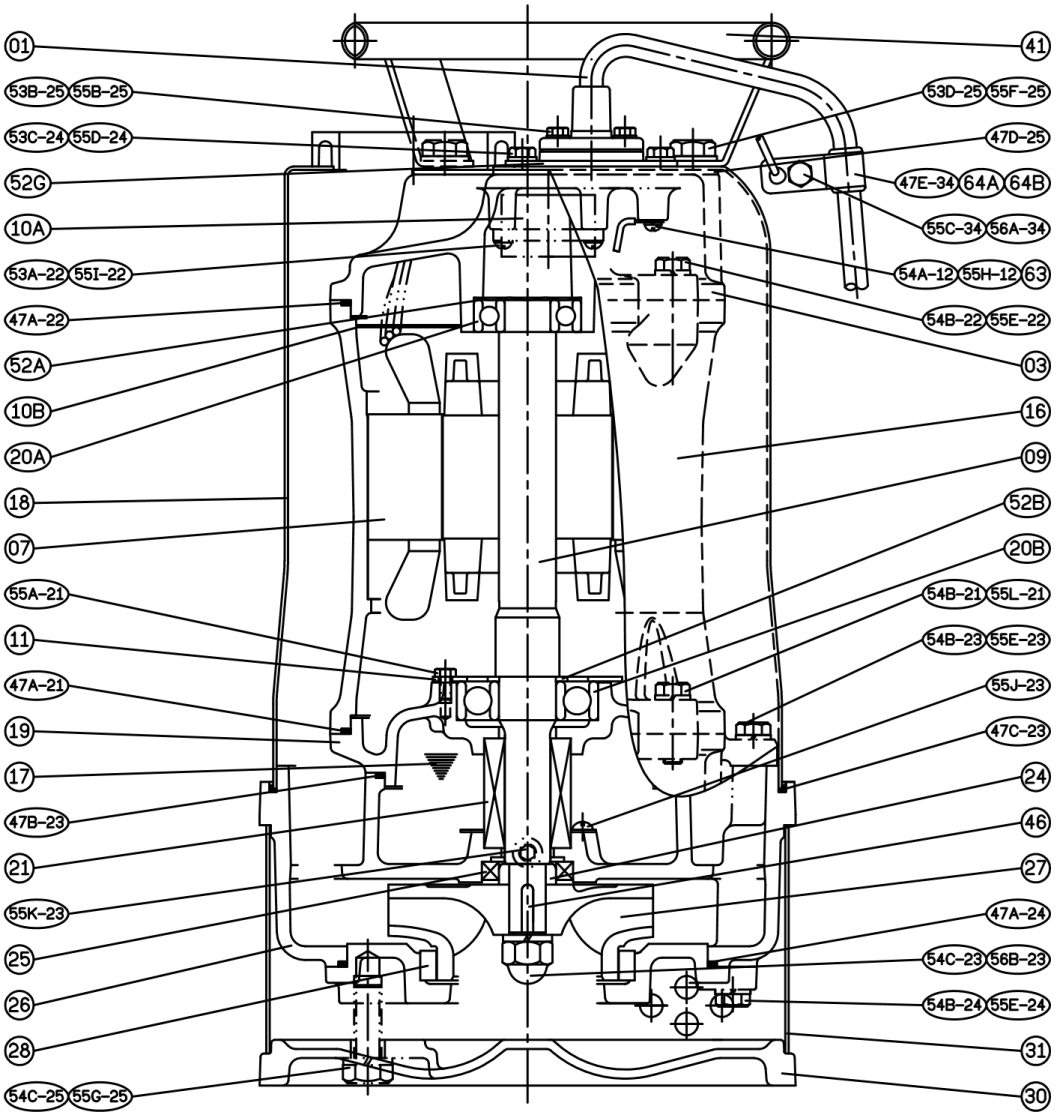
Application Model	Dimensions-mm		Dimensions-inch		Drilling	Suggested Bolts		(n)QTY	
	DA	DB	DA	DB		B1	B2*	B1	B2*
100HD211 ADTC	100	175	4	7	M12	M12*30	M12*60	4	4
100HD215 ADTC	100	175	4	7	M12	M12*30	M12*60	4	4
150HD211 ADTC	100	175	4	7	M12	M12*30	M12*60	4	4
150HD215 ADTC	100	175	4	7	M12	M12*30	M12*60	4	4

*Bolts(B_2) has been attaching and locked.

Optional Casing (15HP~20HP) Casing Cover (7.5HP~10HP)

SECTIONAL VIEWS NO: 03HD0222030-0

MODEL: 80HD21.5 / 22.2 3Ø



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		
18	Cubierta Exterior	SUS304	1
19	Soporte del Rodamiento	FC200	1
20A	Rodamiento		1
20B	Rodamiento		1
21	Sello Mecánico	CA/CE & SiC/SiC	1

Número	Nombre de la pieza	Material	Cantidad
24	Casquillo del Sello de Aceite	SUS403	1
25	Sello de Aceite	SUS304+NBR	1
26	Carcasa	FC200	1
27	Impulsor	HiCrFC	1
28	Cubierta Carcasa+Anillo de Desgaste	FC200+HiCrFC	1
30	Base	FC200	1
31	Colador	SUS304	1
41	Asa	SUS304	1
46	Llave del Impulsor	SUS304	1
47	Kit de Empaques		