

CHL MAQUINARIAS

Modelo	80SFU211
Series	SF
Frecuencia	50
Fase / Voltaje	3 Ø / 380 V
Corriente Nominal	22.2 A 80
Descarga	mm (3")



Datos del Motor

Potencia de Entrada - P1	12.8 kW
Potencia Nominal - P2	11 kW
Clase de Aislamiento	H
Cantidad Máxima de Arranques por Hora	5
Velocidad de Rotación Estándar	2900
Método de Arranque	STAR-DELTA / DOL
Índice de Protección IP	IP68
A Prueba de Explosiones	NO

Material

Bastidor del Motor	SUS316 (AISI 316)
Eje	SUS630 (X5CrNiCuNb17-4)
Carcasa	SCS14 (G-X6CrNiMo1810)
Impulsor	SCS14 (G-X6CrNiMo1810)
Sello Mecánico	CA/CE&SiC/SiC
Cable	VCT,H07RN-F
Rodamientos Superior e Inferior	6306ZZ,6309ZZ

Tecnología

Tipo de Impulsor	Vortex
Sello Mecánico	Double
Aceite Lubricante VG32	2000 CC
Solid Passage	50 mm (2")
Tipo de Refrigeración	External cooling

Fluido

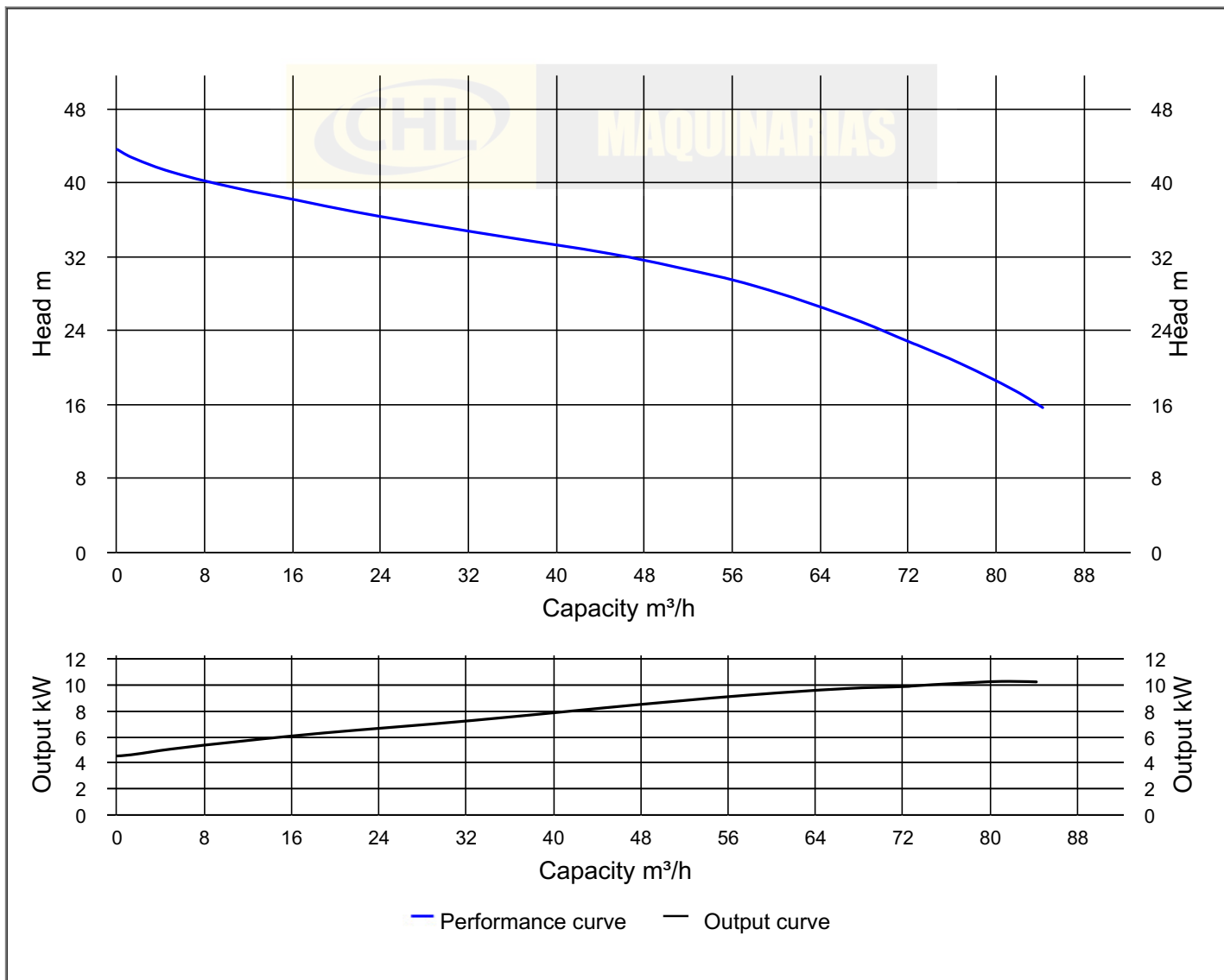
Temperatura Ambiente Máxima	0~40°C (32~104°F)
Profundidad Máxima de Instalación	20m (66ft)
Temperatura Máxima del Fluido	40 °C (104°F)
Fluido Bombeado	Acid and alkali sewage

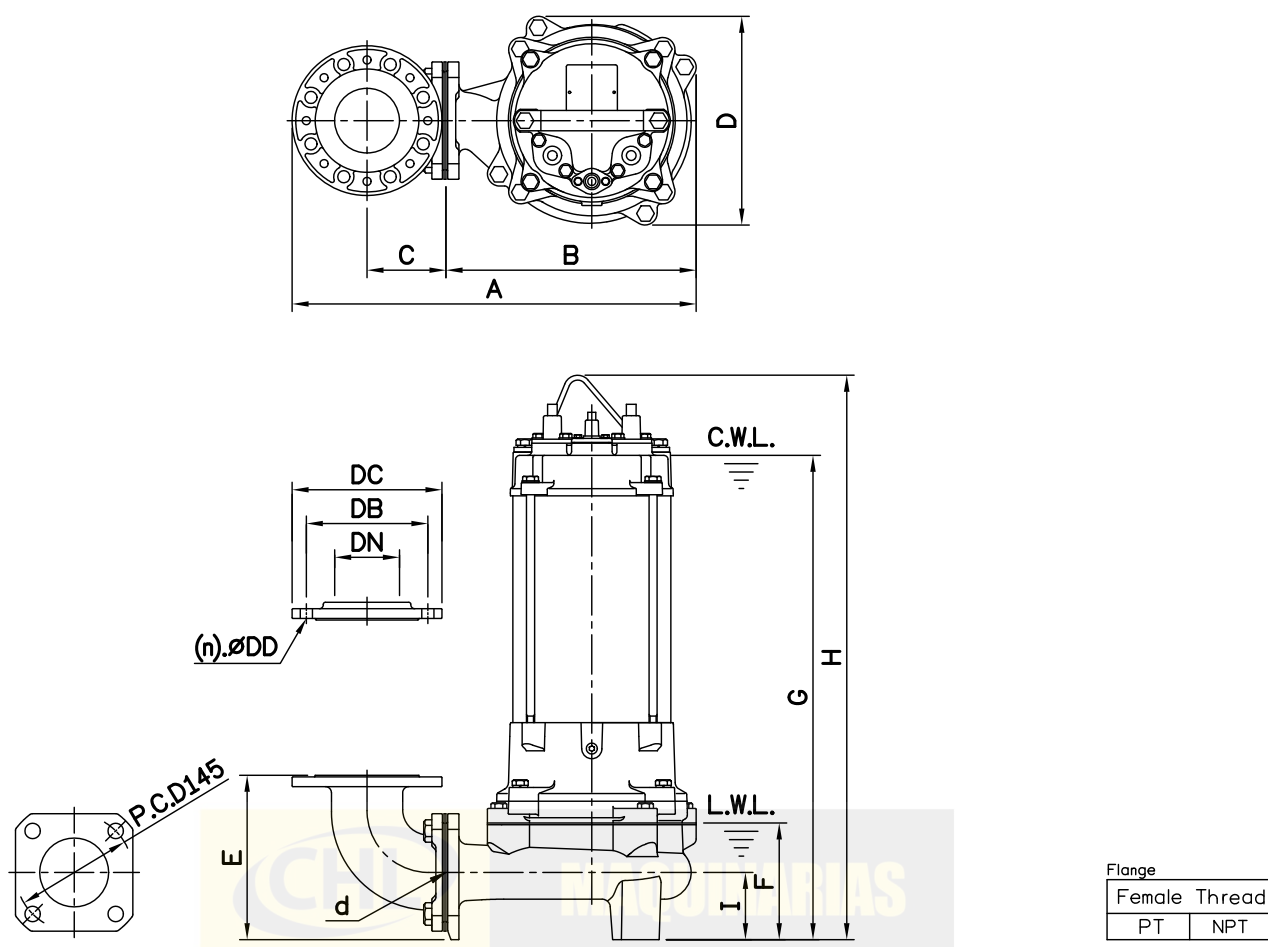
Otros (Opcional)

Dispositivo de Protección	MTS
Sensor de Humedad	MS

PUMP PERFORMANCE CURVES

Model	80SFU211	File NO.	20240213014153
Frequency	50 Hz	Ver NO.	202003060911
Discharge	3" / 80 mm	REFERENCE SPECIFICATION	
Output	15 HP / 11 kW	Output	7.52 kW
Std. Head	33.5 m	Efficiency	44.5 %
Std. Capacity	36 m ³ /h		
Phase / Volt	3 Ø / 380 V		
Rated Current	22.2 A		
Pole / rpm	2 P / 2900 rpm		
Start Method	STAR-DELTA / DOL		
Insulation Class	H		



DIMENSIONS**NO: S3SFU2A1030-00****MODEL: 80SFU211****50Hz 3Ø**

Dimensions-mm

Weight:kg

Model	d	A	B	C	D	E	F	G	H	I	WT1	Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY	WT2
80SFU211	80	499	309	98	258	203	144	598	697	83	76	ESB3-150K	80	150	185	15	8	7

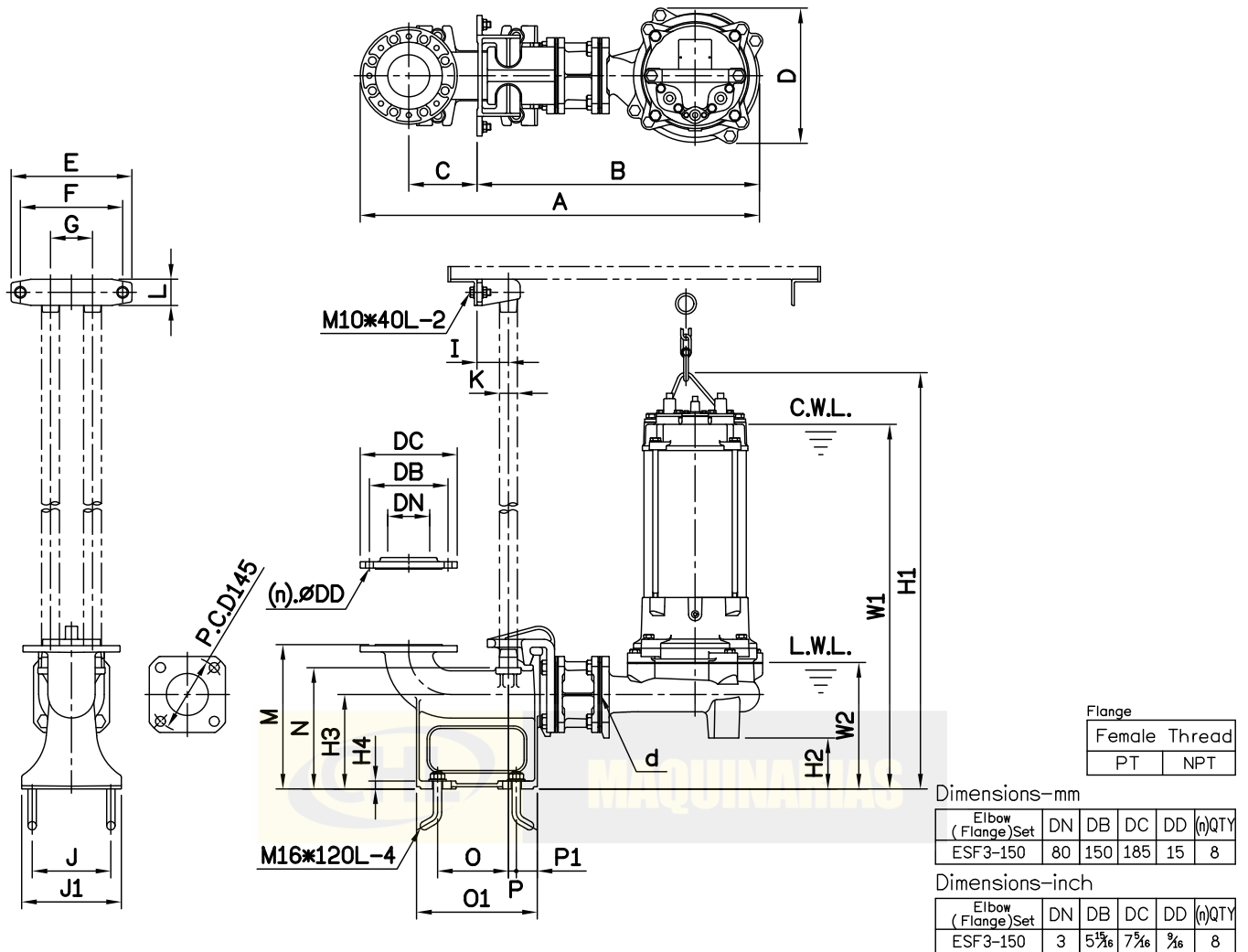
Dimensions-inch

Weight:lb

Model	d	A	B	C	D	E	F	G	H	I	WT1	Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY	WT2
80SFU211	3	19 ⁵ / ₁₆	12 ³ / ₁₆	3 ⁷ / ₁₆	10 ³ / ₁₆	8	5 ⁷ / ₁₆	23 ³ / ₁₆	27 ⁷ / ₁₆	3 ¹ / ₄	168	ESB3-150K	3	5 ¹ / ₈	7 ⁵ / ₁₆	⁹ / ₁₆	8	16

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: T3SFU2A1030-00****MODEL: 80SFU211****50Hz 3Ø**

Dimensions-mm

Model	d	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
80SFU211	80	768	545	130	258	230	195	80	60	150	190	1 ¹ / ₄	50	275	231	135	230	15	40	695	241	794	97	180	15	76	ST80DH	25

Weight:kg

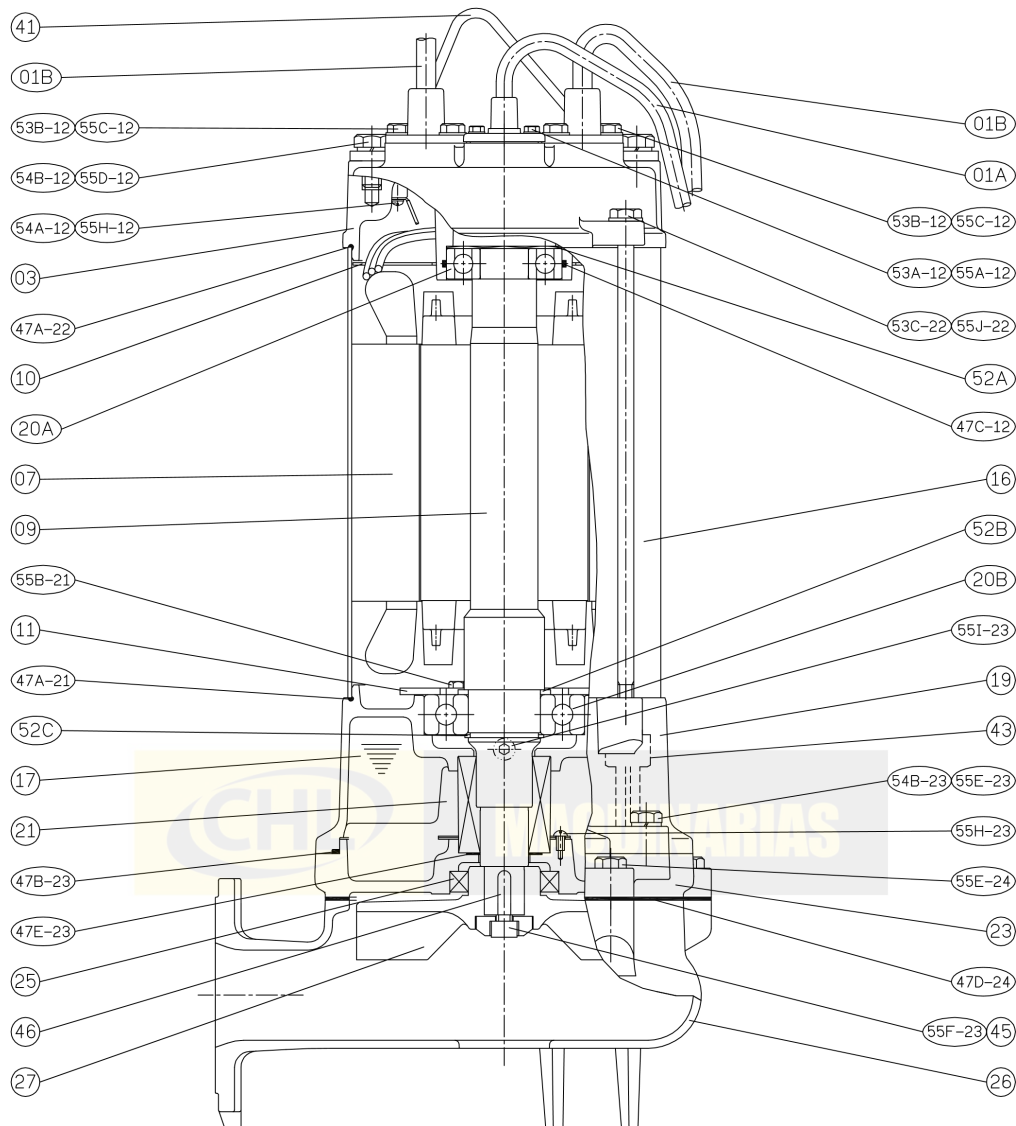
Dimensions-inch

Model	d	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
80SFU211	3	30 ³ / ₄	21 ⁷ / ₁₆	5 ¹ / ₈	10 ³ / ₁₆	9 ¹ / ₁₆	7 ⁵ / ₁₆	3 ¹ / ₈	2 ³ / ₈	5 ⁷ / ₁₆	7 ¹ / ₂	1 ¹ / ₄	2	10 ¹³ / ₁₆	9 ¹ / ₁₆	5 ⁵ / ₁₆	9 ¹ / ₁₆	⁹ / ₁₆	1 ¹ / ₈	27 ³ / ₁₆	9 ¹ / ₂	31 ³ / ₄	3 ¹³ / ₁₆	7 ¹ / ₁₆	⁹ / ₁₆	168	ST80DH	55

Weight:lb

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: 03SFU2A1030-1****MODEL: 80SFU211****3Ø**

NO.	Part name	Material	QTY
01A	Cable		1
01B	Cable		2
03	Upper Cover	SCS14	1
07	Stator (With MTS)		1
09	Shaft End	SUS630	1
10	Protective Plate		1
11	Bearing Fixer	SPCC	1
16	Motor Frame	SUS316	1
17	Lubricant		
19	Bearing Bracket	SCS14	1
20A	Bearing		1
20B	Bearing		1
21	M. Seal	CA/CE & SiC/SiC	1
23	M. Seal Bracket	SCS14	1

NO.	Part name	Material	QTY
25	Oil Seal	VITON	1
26	Casing	SCS14	1
27	Impeller	SCS14	1
41	Handle	SUS304	1
43	Moisture Sensor		1
46	Impeller Key	SUS304	1
47	Gasket Kit		