

SA SERIES

SUBMERSIBLE STAINLESS STEEL PUMPS

POWER : 0.5~15HP (0.4~11kW)
MAX.HEAD : 54m (177feet)
MAX.FLOW : 2.3m³/min (138m³/h)



PRODUCT NOMENCLATURE

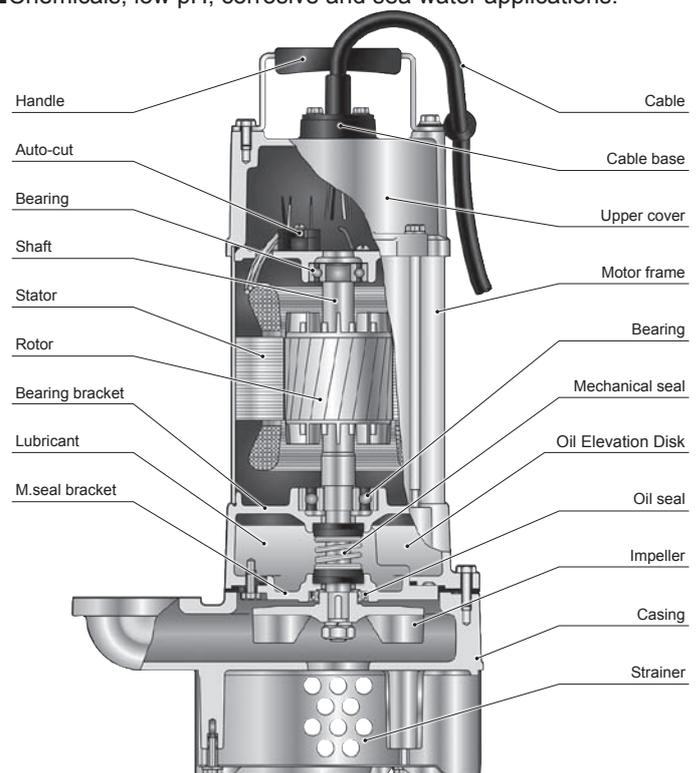
Example: $\frac{50}{\text{Discharge mm}}$ $\frac{SA}{\text{Type}}$ $\frac{2}{\text{Pole}}$ $\frac{8}{\text{kW}}$ $\frac{A}{\text{Style}}$

FEATURES

- Precision casting with the use of an advanced stainless investment casting method, produces the highest quality with a smooth surface finish.
- Standard accessories include : cable with an epoxy resin sealed water-resistant cable base, Auto-cut motor protector, dual mechanical seals and seal design.
- Chemically protected Viton O-rings to handle acidic and corrosive fluids.
- Pump hydraulic body made of corrosion resistant SUS316/SCS14 stainless steel material, to handle low pH value chemical media and/or seawater applications.
- Austenitic Stainless Steel(SUS300 series)is used in SA series. SUS316/SCS14 is better than SUS304/SCS13 in water application of light acid-base.
- pH2~10 (As reference at operating temperature range 0 - 40°C)

APPLICATIONS

- Wastewater treatment in food and wine-making industry.
- Wastewater treatment of acid fluid in gold mining, petroleum industry and dyeing industry.
- Chemicals, low pH, corrosive and sea water applications.



SA SERIES SUBMERSIBLE STAINLESS STEEL PUMPS

50SA2.4A · 50SA2.8A

SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Corrosive · Food · Processing Liquids
Type	Frequency	50Hz
	Motor	2P(3000rpm) · Dry Motor
	Insulation	Class B
	Protection	IP68
	Protector	Auto-cut (0.5HP 1Ø:Thermal)
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Vortex
Material	Upper Cover	SCS14
	Motor Frame	SUS316
	Shaft	SUS316
	M.seal	CA/CE & SiC/SiC
	Casing	SCS14
	Impeller	SCS14
	Cable	VCT or H07RN-F or SJOW/SOW
	Optional	-



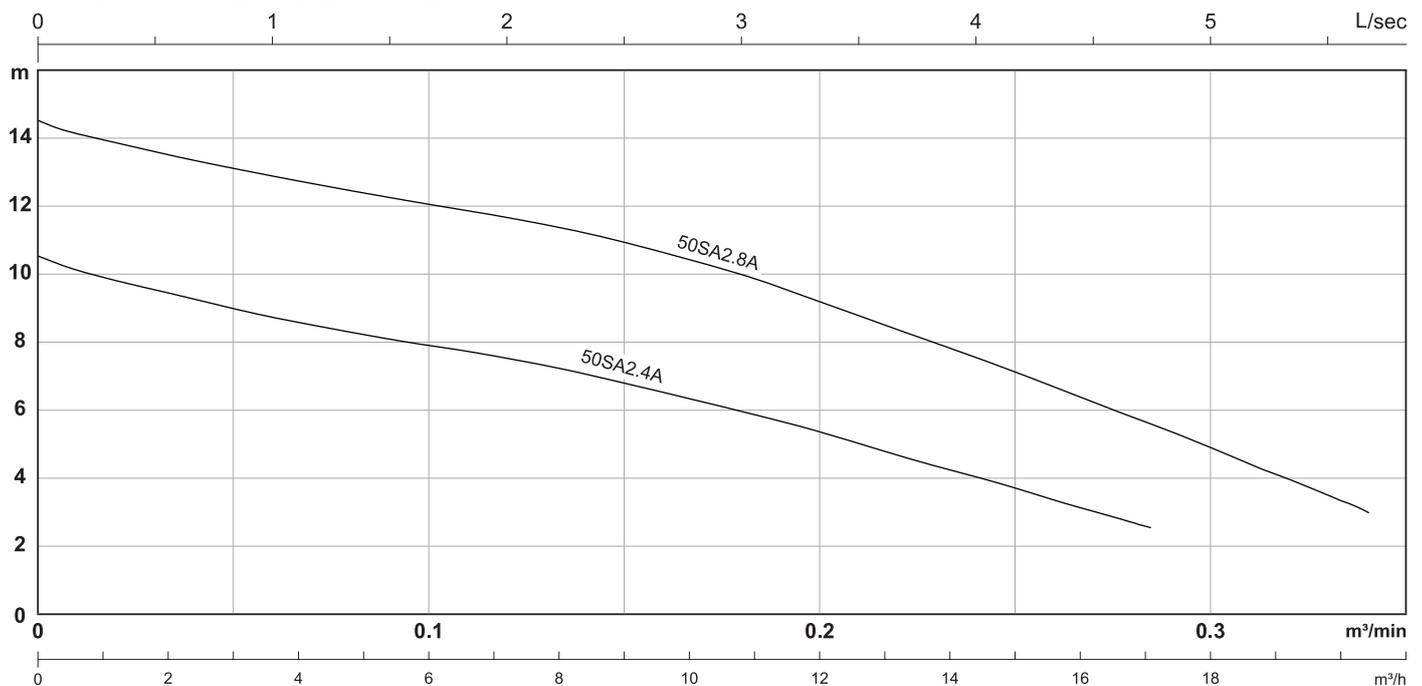
50SA2.4A
50SA2.8A



Vortex Impeller

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase	1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
			m-m³/min	m-m³/h	m-m³/min	m-m³/h		1Ø-kg(lbs)	3Ø-kg(lbs)		Voltage	220V	230V	230V	380V	400V	415V
50SA2.4A	0.5(0.4)	2"(50)	6.5-0.15	6.5-9	10.5-0.29	10.5-17.4	10(3/8")	14(31)	14(31)	Full load Ampere	3.4	3.3	2.4	1.4	1.3	1.3	1.1
50SA2.8A	1(0.75)	2"(50)	10-0.17	10-10.2	14.5-0.35	14.5-21	10(3/8")	16(35)	15(33)		5.4	5.2	3.5	2.0	1.9	1.9	1.5

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min							Q:L/sec	H:m						
			0.05	0.1	0.15	0.2	0.25	0.3	0.5		1	1.5	2	2.5	3	3.5	4
50SA2.4A	0.5(0.4)	2"(50)	9.0	7.8	6.9	5.5	3.8	-	9.6	8.7	8.0	7.7	6.9	6.1	5.2	4.2	
50SA2.8A	1(0.75)	2"(50)	13.2	12.0	11.0	9.2	7.0	4.8	13.6	12.9	12.3	11.8	11.0	10.1	8.8	7.4	

SA SERIES SUBMERSIBLE STAINLESS STEEL PUMPS

80SA21.5 · 80SA22.2 · 80SA23.7

SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Corrosive · Food · Processing Liquids
Type	Frequency	50Hz
	Motor	2P(3000rpm) · Dry Motor
	Insulation	Class F
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Open
Material	Upper Cover	SCS14
	Motor Frame	SUS316
	Shaft	SUS316
	M.seal	CA/CE & SiC/SiC
	Casing	SCS14
	Impeller	SCS14
	Cable	VCT or H07RN-F or SJOW/SOW
	Optional	-



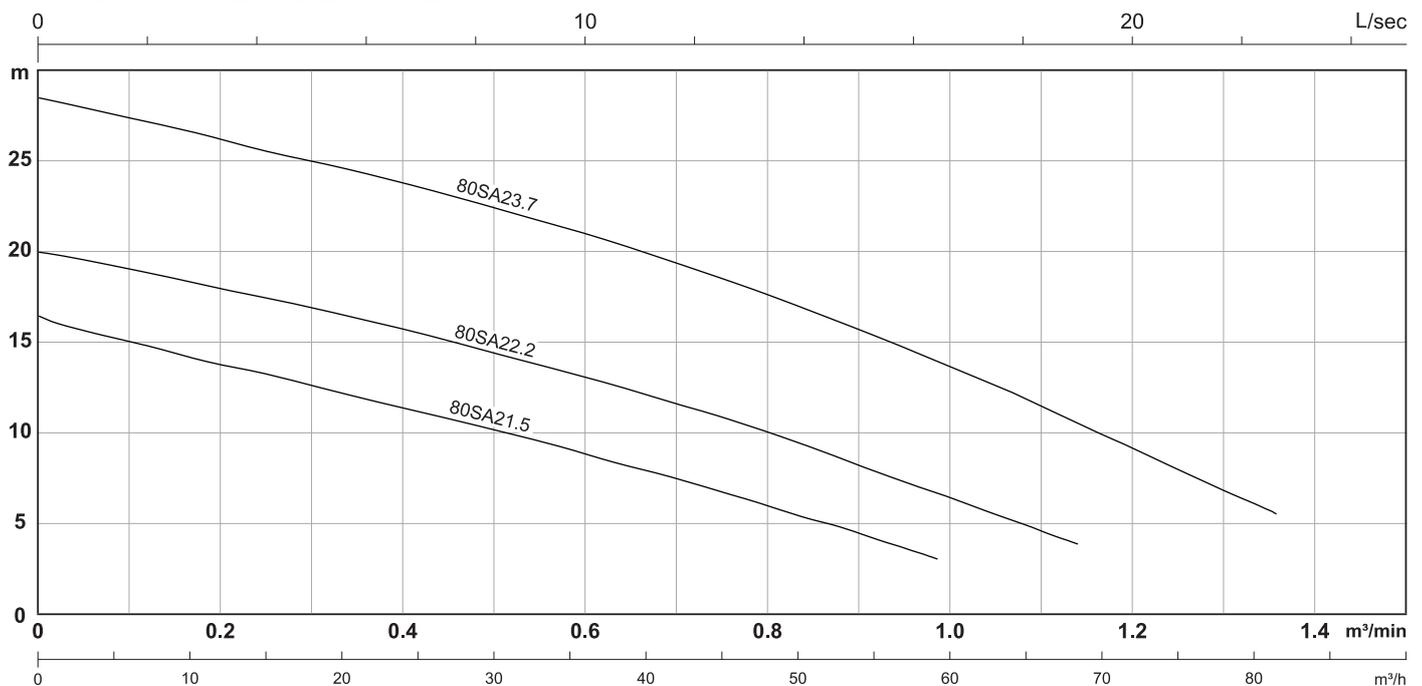
Open Impeller



80SA21.5 · 80SA22.2 · 80SA23.7

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase	Voltage						
			m-m ³ /min	m-m ³ /h	m-m ³ /min	m-m ³ /h		1Ø-kg(lbs)	3Ø-kg(lbs)		1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
80SA21.5	2(1.5)	3"(80)	8.5-0.6	8.5-36	16.5-1.05	16.5-63	20(3/4")	33.5(74)	29.5(65)	Full load Ampere	220V	230V	230V	380V	400V	415V	525V
80SA22.2	3(2.2)	3"(80)	12.5-0.6	12.5-36	20-1.15	20-69	20(3/4")	37.5(83)	32.5(72)		10.2	10.0	6.2	3.6	3.4	3.4	2.7
80SA23.7	5(3.7)	3"(80)	20.5-0.6	20.5-36	28.5-1.4	28.5-84	20(3/4")	-	44.5(98)		15.0	14.6	8.8	5.0	4.8	4.8	3.8
											-	-	14.2	8.2	7.8	7.8	6.2

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m ³ /min									Q:L/sec	H:m							
			0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.2	2		4	6	8	10	12	14	16	
80SA21.5	2(1.5)	3"(80)	15.2	14.0	12.8	11.6	9.0	6.2	-	-	H:m	15.0	13.6	12.0	10.6	9.0	7.4	5.7	3.8	
80SA22.2	3(2.2)	3"(80)	19.4	18.2	17.0	15.8	13.0	10.2	6.4	-		19.1	17.7	16.2	14.7	13.0	11.4	9.6	7.2	
80SA23.7	5(3.7)	3"(80)	27.4	26.3	25.1	23.8	21.0	17.8	13.9	9.3		27.2	25.9	24.4	22.8	21.0	19.2	17.1	14.8	

SA SERIES SUBMERSIBLE STAINLESS STEEL PUMPS

80(100)SA25.5 · 80(100)SA27.5 · 80(100)SA211

SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Corrosive · Food · Processing Liquids
Type	Frequency	50Hz
	Motor	2P(3000rpm) · Dry Motor
	Insulation	Class H
	Protection	IP68
	Protector	Auto-cut(7.5~10HP) · MTS & MS(15HP)
	Bearing	Ball type
	M.seal	Double M.seals
Material	Impeller	Open
	Upper Cover	SCS14
	Motor Frame	SUS316
	Shaft	SUS316(7.5~10HP) · SUS630(15HP)
	M.seal	CA/CE & SiC/SiC
	Casing	SCS14
	Impeller	SCS14
Optional		VCT or H07RN-F or SOW
Optional		-



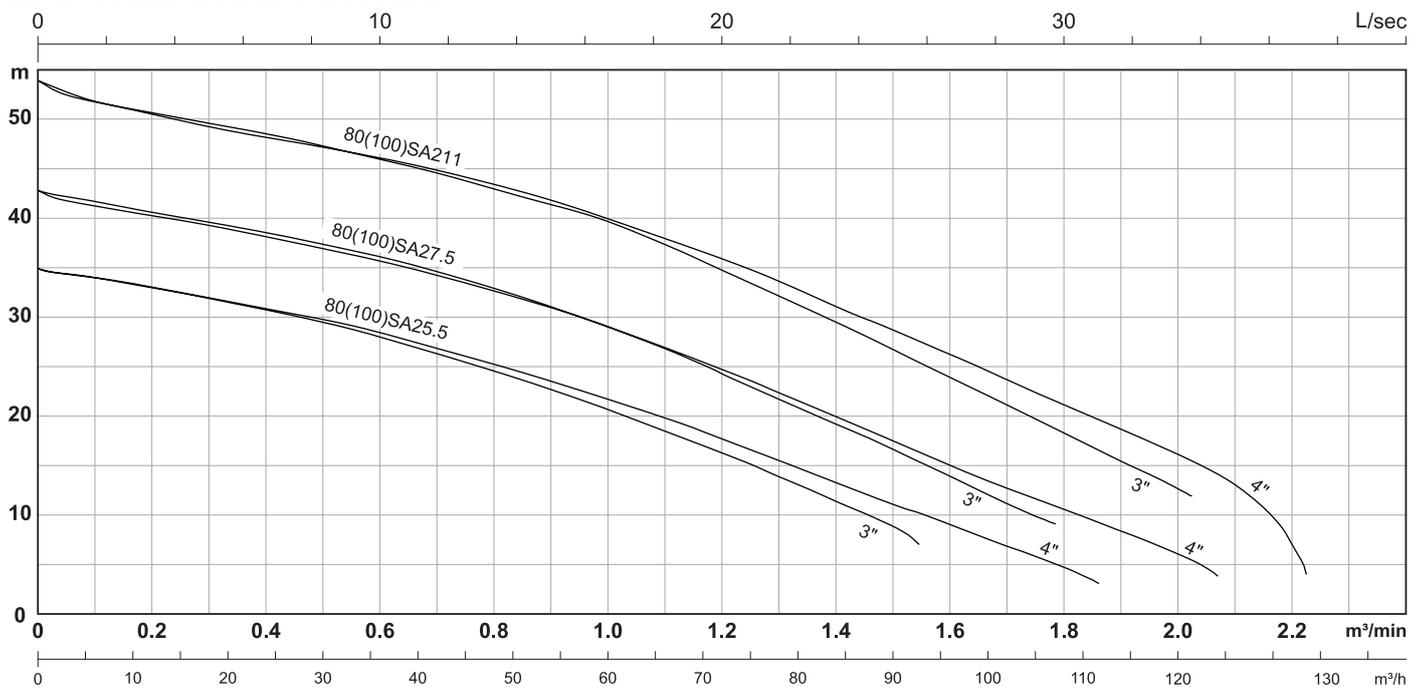
Open Impeller



80(100)SA25.5 · 80(100)SA27.5 · 80(100)SA211

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase Voltage	1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
			m-m³/min	m-m³/h	m-m³/min	m-m³/h		1Ø-kg(lbs)	3Ø-kg(lbs)		220V	230V	230V	380V	400V	415V	525V
80(100)SA25.5	7.5(5.5)	3"(80)	28-0.6	28-36	35-1.6	35-96	20(3/4")	-	67(148)	Full load Ampere	-	-	20.6	11.7	11.4	11.4	9.1
		4"(100)	21.5-1.0	21.5-60	35-1.9	35-114	20(3/4")	-	67(148)		-	-	20.6	11.7	11.4	11.4	9.1
80(100)SA27.5	10(7.5)	3"(80)	35.5-0.6	35.5-36	43-1.8	43-108	20(3/4")	-	73(161)		-	-	27.6	15.7	15.2	15.2	12.2
		4"(100)	29-1.0	29-60	43-2.1	43-126	20(3/4")	-	73(161)		-	-	27.6	15.7	15.2	15.2	12.2
80(100)SA211	15(11)	3"(80)	46-0.6	46-36	54-2.05	54-123	20(3/4")	-	82(181)		-	-	39.0	22.2	21.6	21.6	17.3
		4"(100)	39.5-1.0	39.5-60	54-2.3	54-138	20(3/4")	-	82(181)		-	-	39.0	22.2	21.6	21.6	17.3

PERFORMANCE CURVES



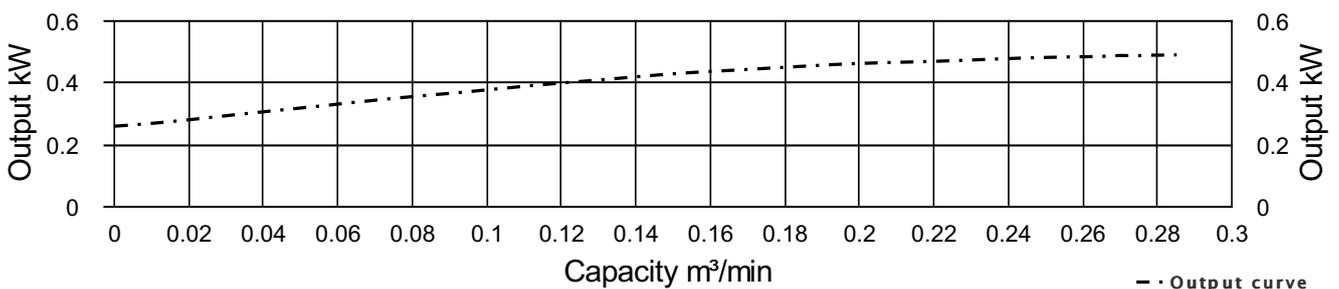
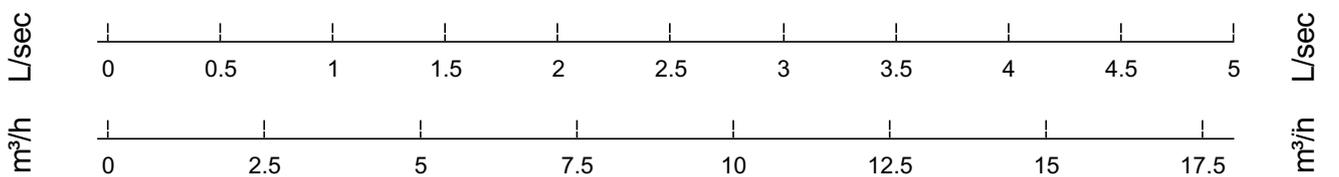
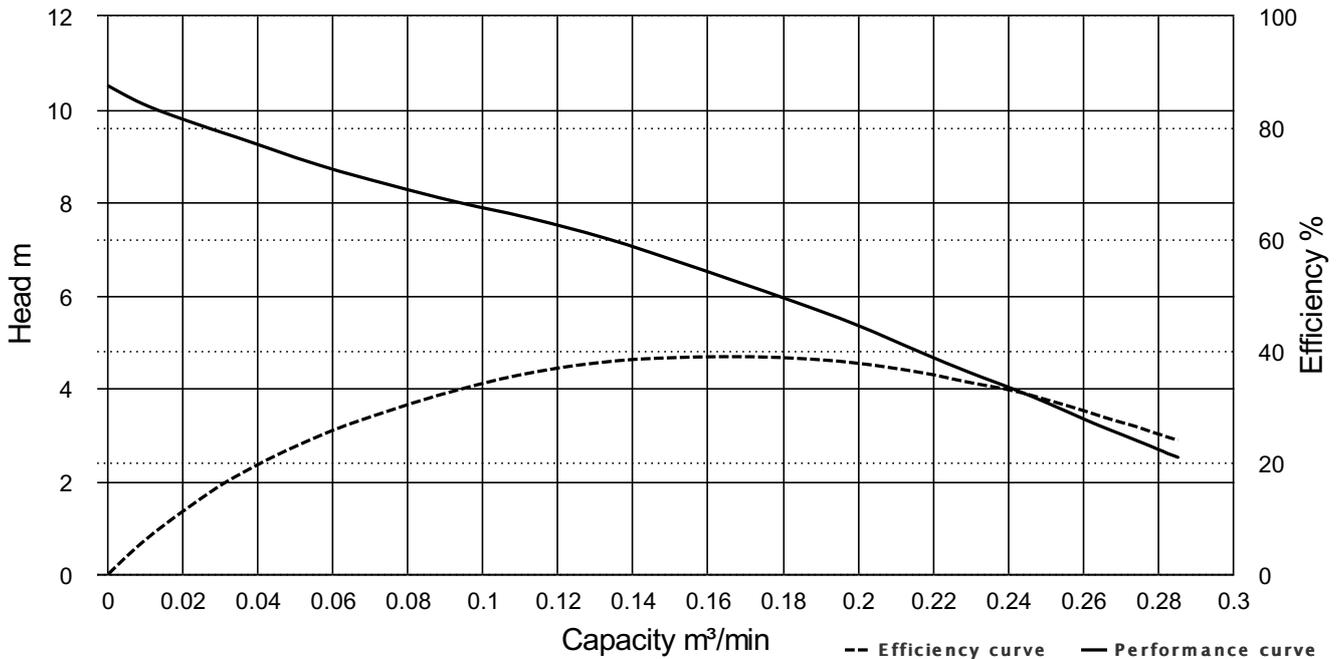
Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min Q:m³/h	Q:m³/min								Q:L/sec	Q:L/sec							
				0.2 12	0.4 24	0.6 36	0.8 48	1.0 60	1.2 72	1.6 96	2.0 120		4	8	12	16	20	24	28	32
80(100)SA25.5	7.5(5.5)	3"(80)	H:m	33.0	30.6	27.8	24.6	20.8	16.4	-	-	H:m	32.5	29.5	26.0	21.7	16.4	10.0	-	-
		4"(100)		33.0	30.6	28.0	25.0	21.4	17.2	8.5	-		32.5	29.6	26.3	22.1	17.2	12.1	6.8	-
80(100)SA27.5	10(7.5)	3"(80)		40.4	38.4	36.0	32.4	28.4	23.9	13.8	-		40.0	37.4	33.9	29.3	23.9	18.0	11.6	-
		4"(100)		40.4	38.3	36.0	32.8	29.1	25.0	15.6	5.6		40.0	37.4	34.2	30.0	25.0	19.5	13.5	7.6
80(100)SA211	15(11)	3"(80)		52.5	48.9	46.2	42.8	39.2	35.0	23.2	12.7		50.8	47.9	44.2	40.0	35.0	28.5	21.8	14.5
		4"(100)		52.5	48.9	46.3	43.4	40.2	36.2	25.6	15.6		50.8	47.9	44.6	40.9	36.2	30.0	24.4	17.4



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PUMP PERFORMANCE CURVES

Model	50SA2.4A				Ver NO.	BA0407	
Frequency / Phase	50 Hz / 1 Ø				REFERENCE SPECIFICATION		
Discharge	2" / 50 mm						
Power	0.5 HP / 0.4 kW						
Std. Head	6.5 m						
Std. Capacity	0.15 m ³ /min						
Volt	110 V	220 V	230 V	240 V			
Rated Current	6.8 A	3.4 A	3.3 A	3.2 A			
Pole / rpm	2 P / 2780 rpm						
Start Method	CAPACITOR						
Insulation Class	B						



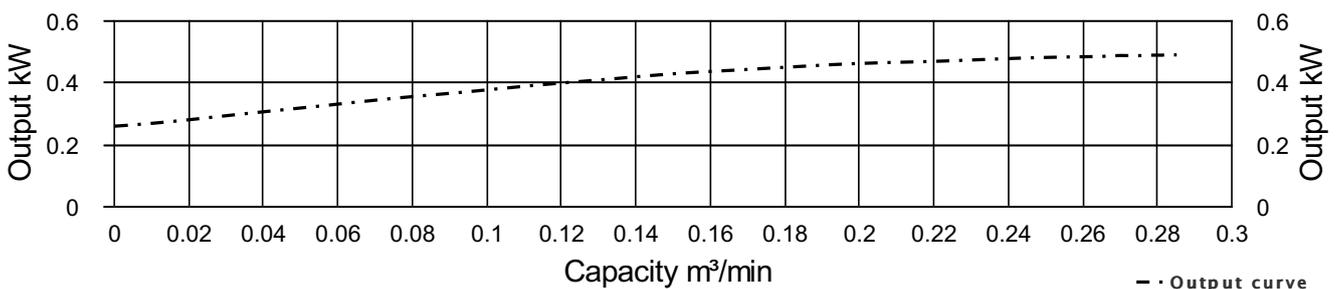
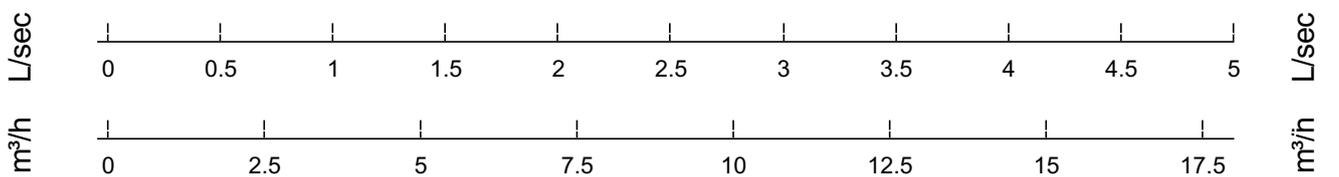
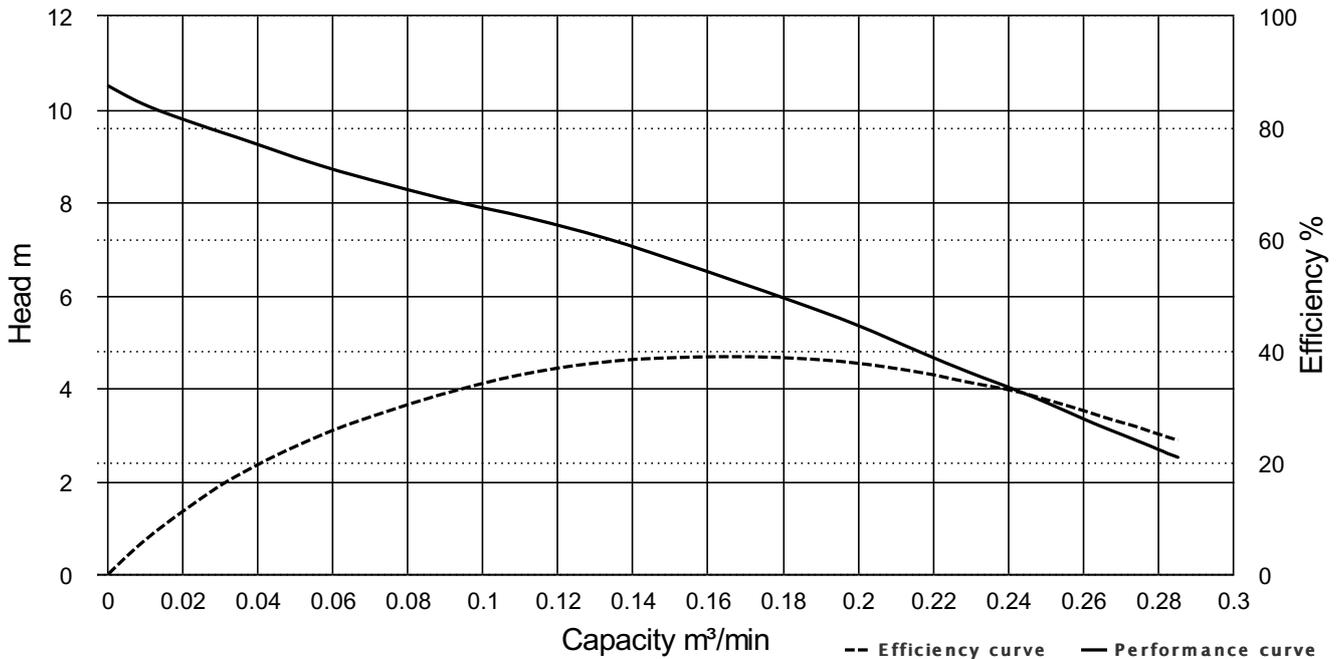
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PUMP PERFORMANCE CURVES

Model	50SA2.4A					Ver NO.	BA0407	
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION		
Discharge	2" / 50 mm							
Power	0.5 HP / 0.4 kW							
Std. Head	6.5 m							
Std. Capacity	0.15 m ³ /min							
Volt	230 V	380 V	400 V	415 V	525 V			
Rated Current	2.4 A	1.4 A	1.3 A	1.3 A	1.1 A			
Pole / rpm	2 P / 2780 rpm							
Start Method	DOL							
Insulation Class	B							



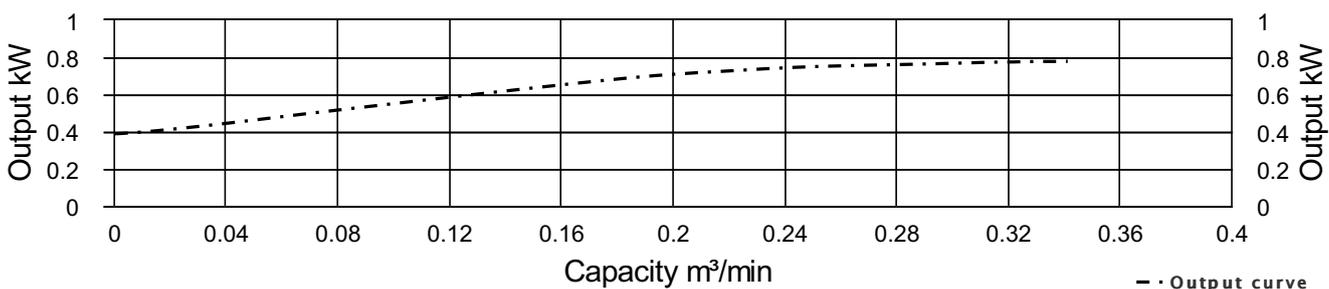
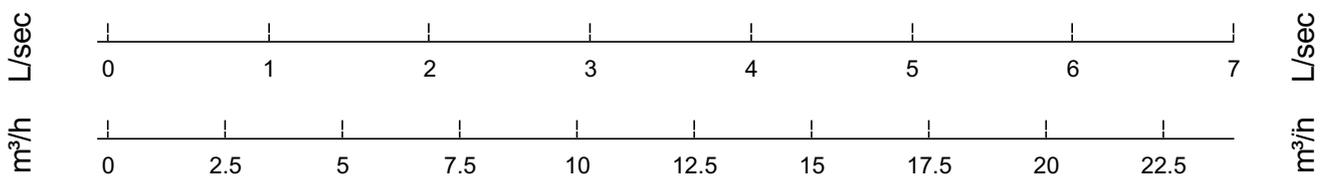
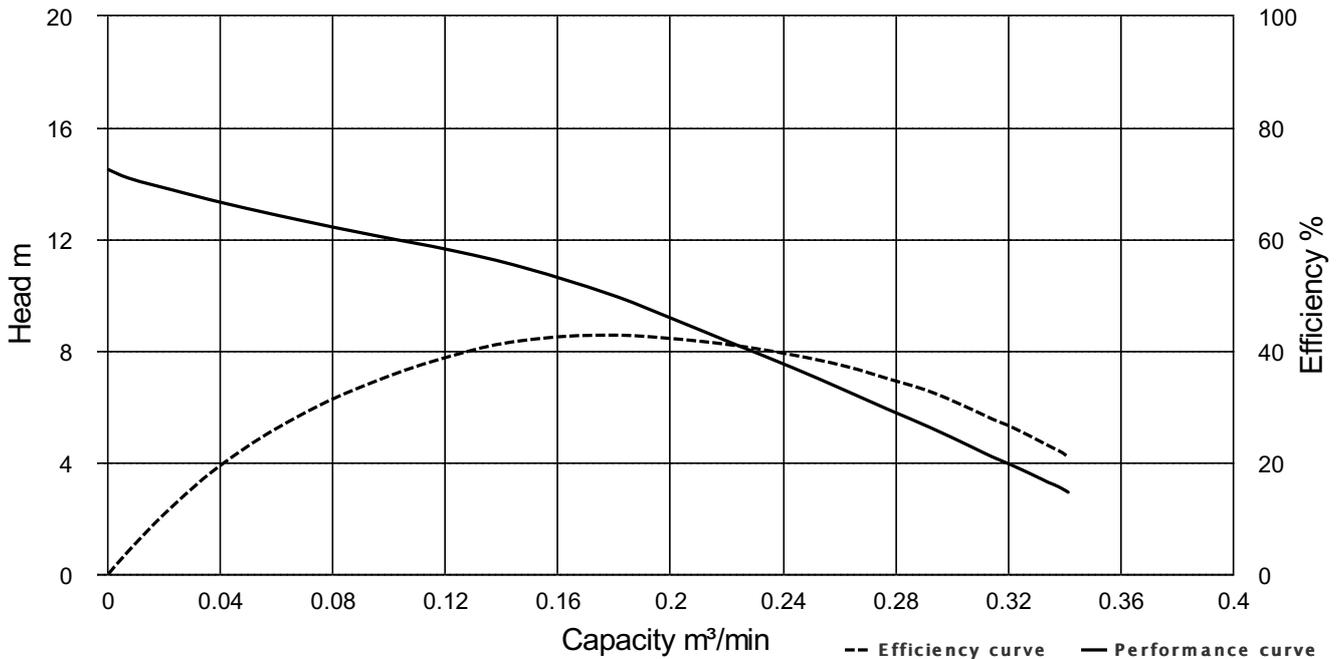
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PUMP PERFORMANCE CURVES

Model	50SA2.8A				Ver NO.	BA0407	
Frequency / Phase	50 Hz / 1 Ø				REFERENCE SPECIFICATION		
Discharge	2" / 50 mm						
Power	1 HP / 0.75 kW						
Std. Head	10 m						
Std. Capacity	0.17 m³/min						
Volt	110 V	220 V	230 V	240 V			
Rated Current	10.8 A	5.4 A	5.2 A	5 A			
Pole / rpm	2 P / 2800 rpm						
Start Method	CAPACITOR						
Insulation Class	B						



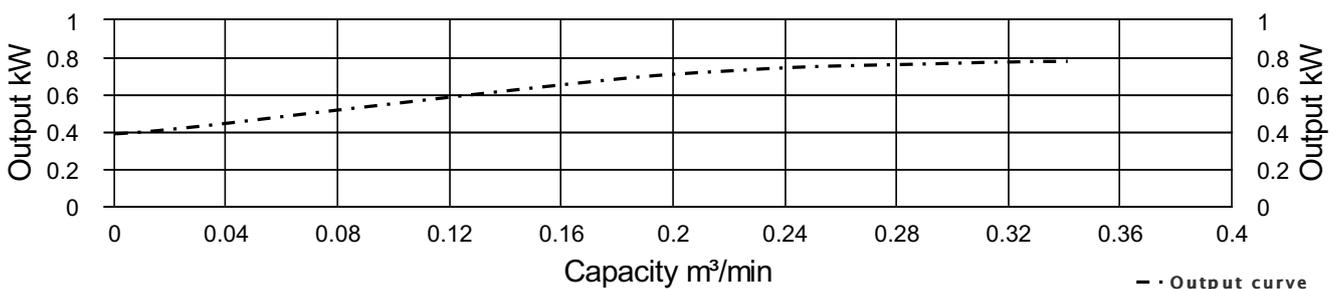
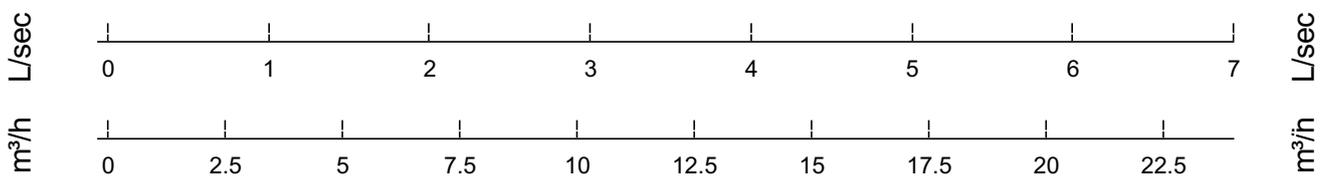
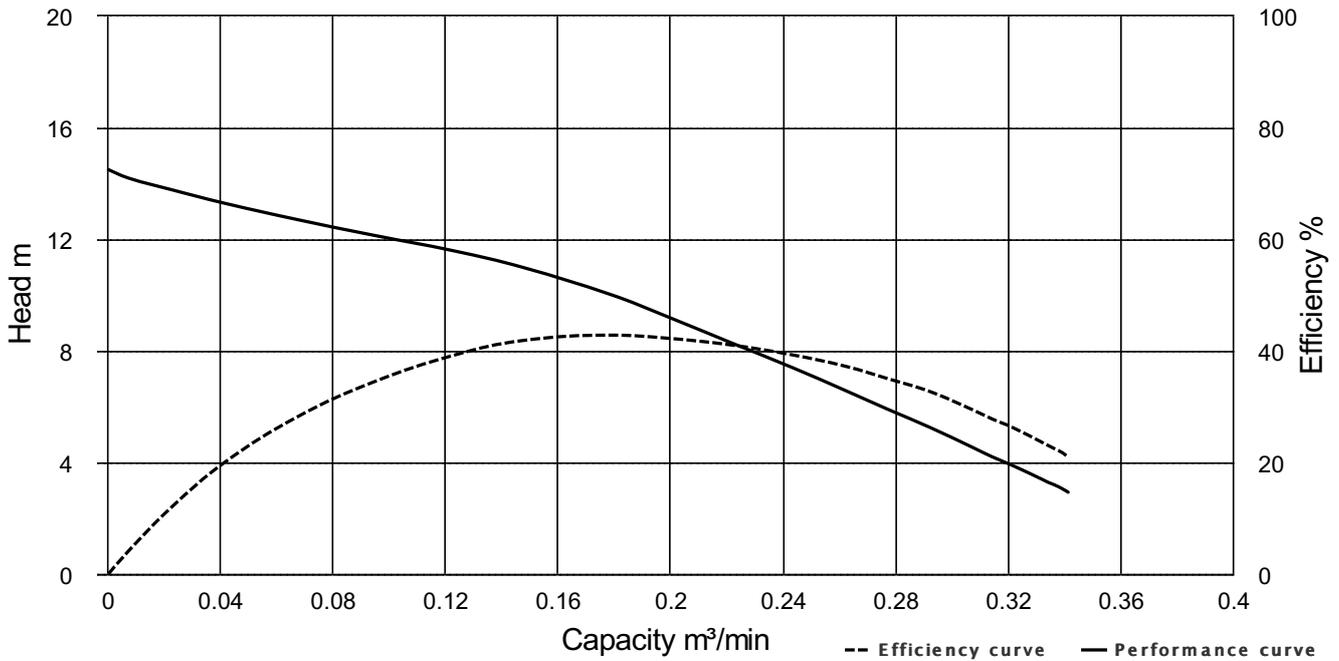
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PUMP PERFORMANCE CURVES

Model	50SA2.8A					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	2" / 50 mm						
Power	1 HP / 0.75 kW						
Std. Head	10 m						
Std. Capacity	0.17 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	3.5 A	2 A	1.9 A	1.9 A	1.5 A		
Pole / rpm	2 P / 2800 rpm						
Start Method	DOL						
Insulation Class	B						



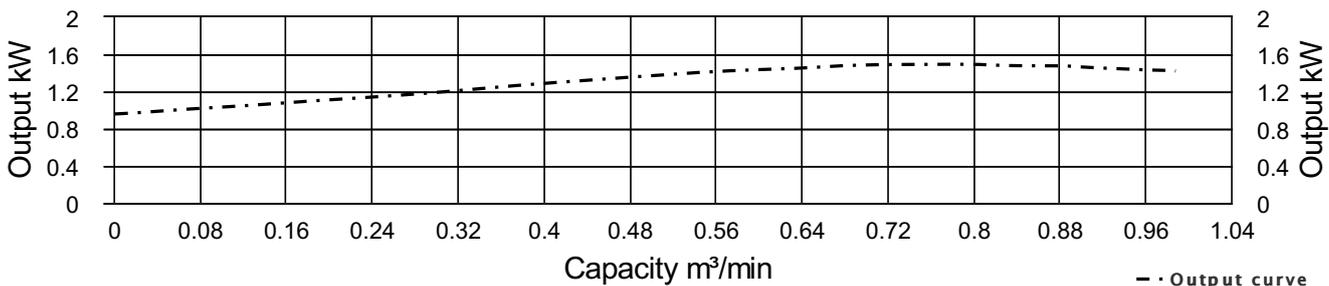
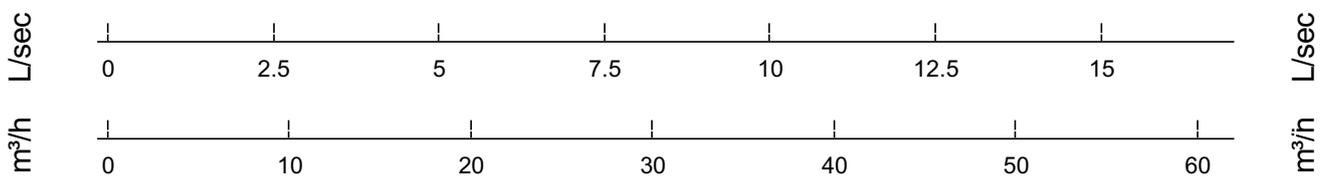
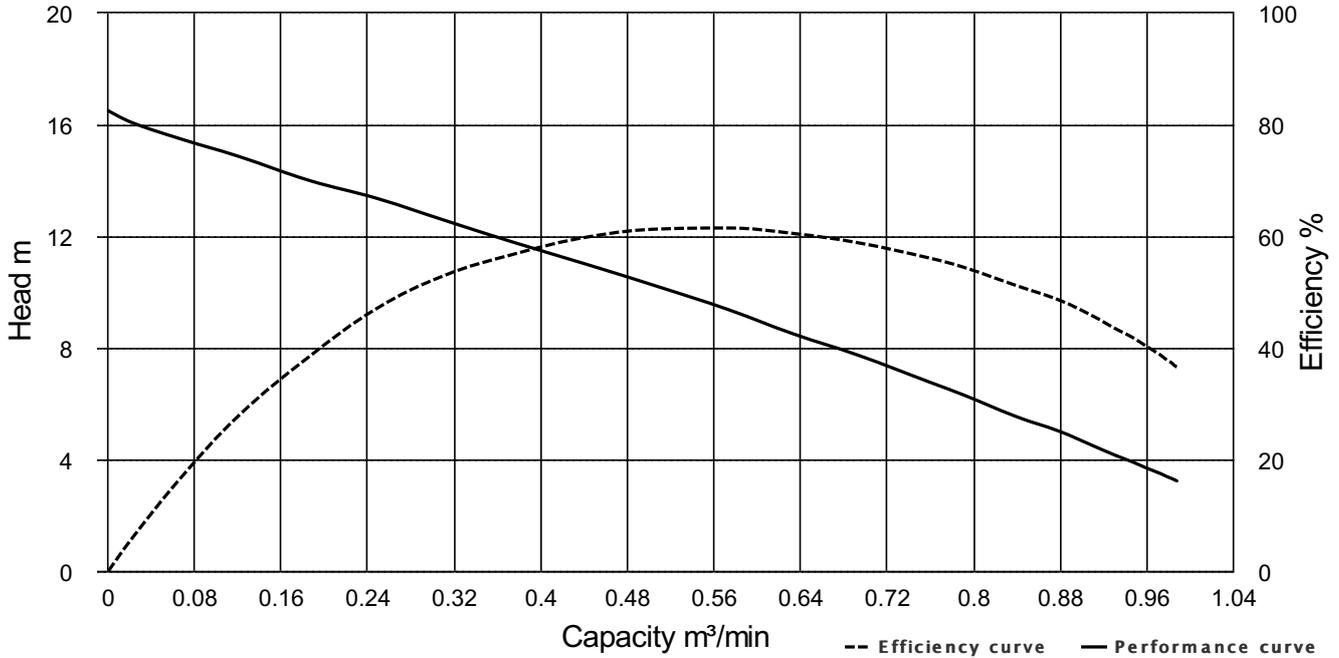
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PUMP PERFORMANCE CURVES

Model	80SA21.5				Ver NO.	BA0407	
Frequency / Phase	50 Hz / 1 Ø				REFERENCE SPECIFICATION		
Discharge	3" / 80 mm						
Power	2 HP / 1.5 kW						
Std. Head	8.5 m						
Std. Capacity	0.6 m ³ /min						
Volt	220 V	230 V	240 V				
Rated Current	10.2 A	10 A	9.8 A				
Pole / rpm	2 P / 2820 rpm						
Start Method	CAPACITOR						
Insulation Class	F						



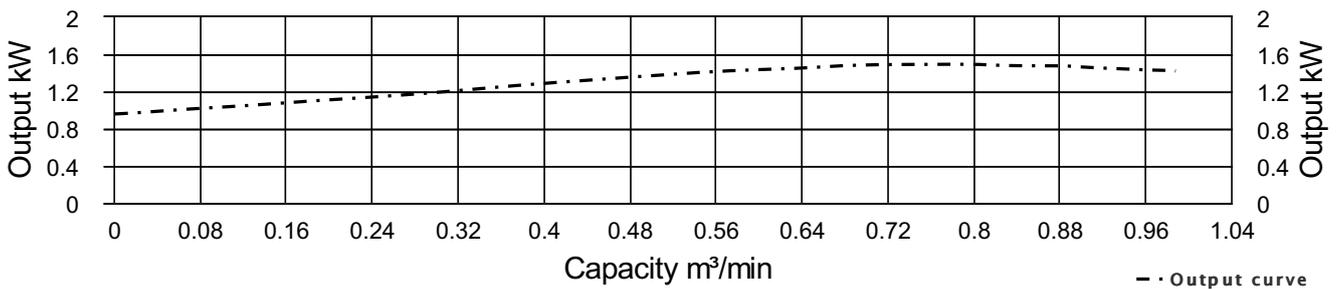
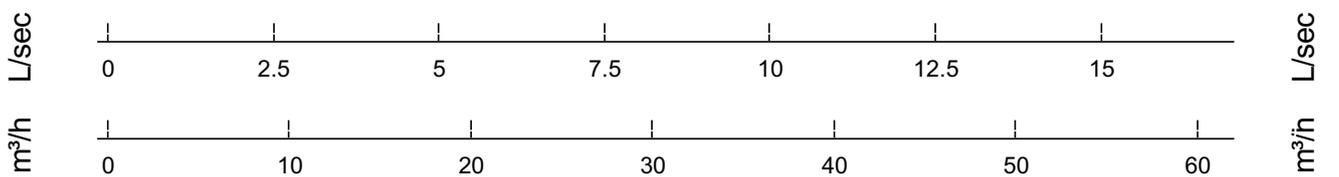
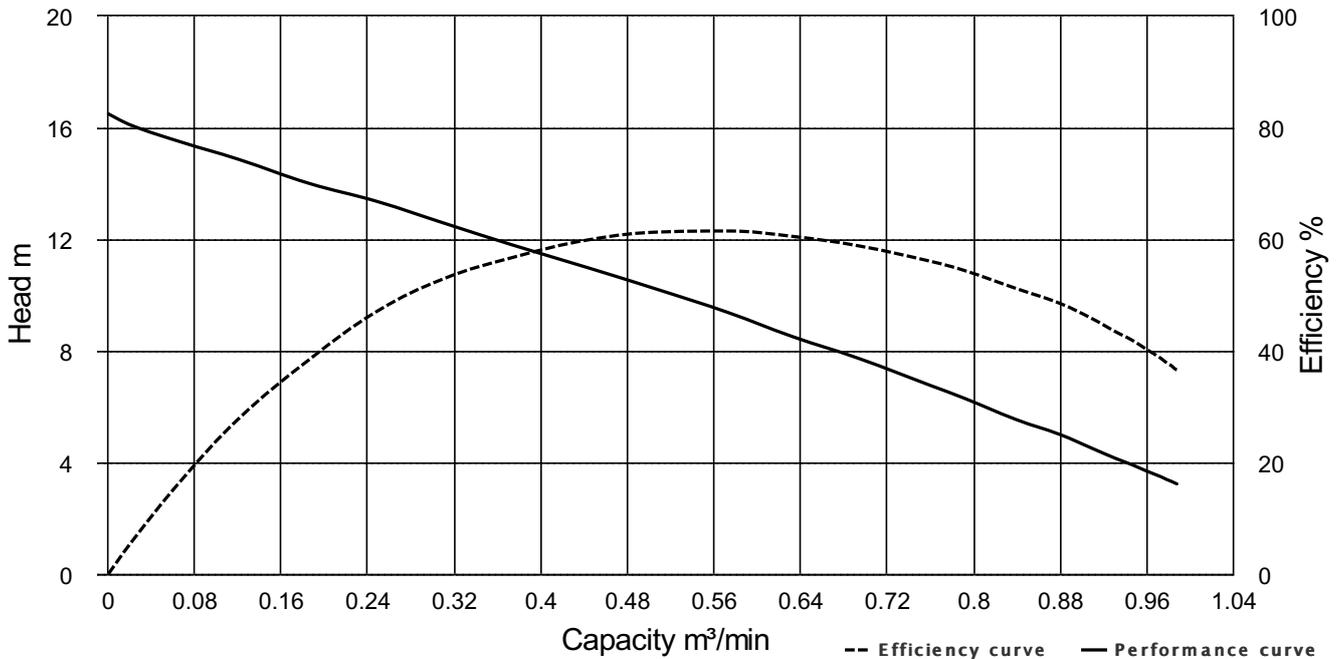
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HCP PUMP

PUMP PERFORMANCE CURVES

Model	80SA21.5					Ver NO.	BA0407	
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION		
Discharge	3" / 80 mm							
Power	2 HP / 1.5 kW							
Std. Head	8.5 m							
Std. Capacity	0.6 m ³ /min							
Volt	230 V	380 V	400 V	415 V	525 V			
Rated Current	6.2 A	3.6 A	3.4 A	3.4 A	2.7 A			
Pole / rpm	2 P / 2820 rpm							
Start Method	DOL							
Insulation Class	F							



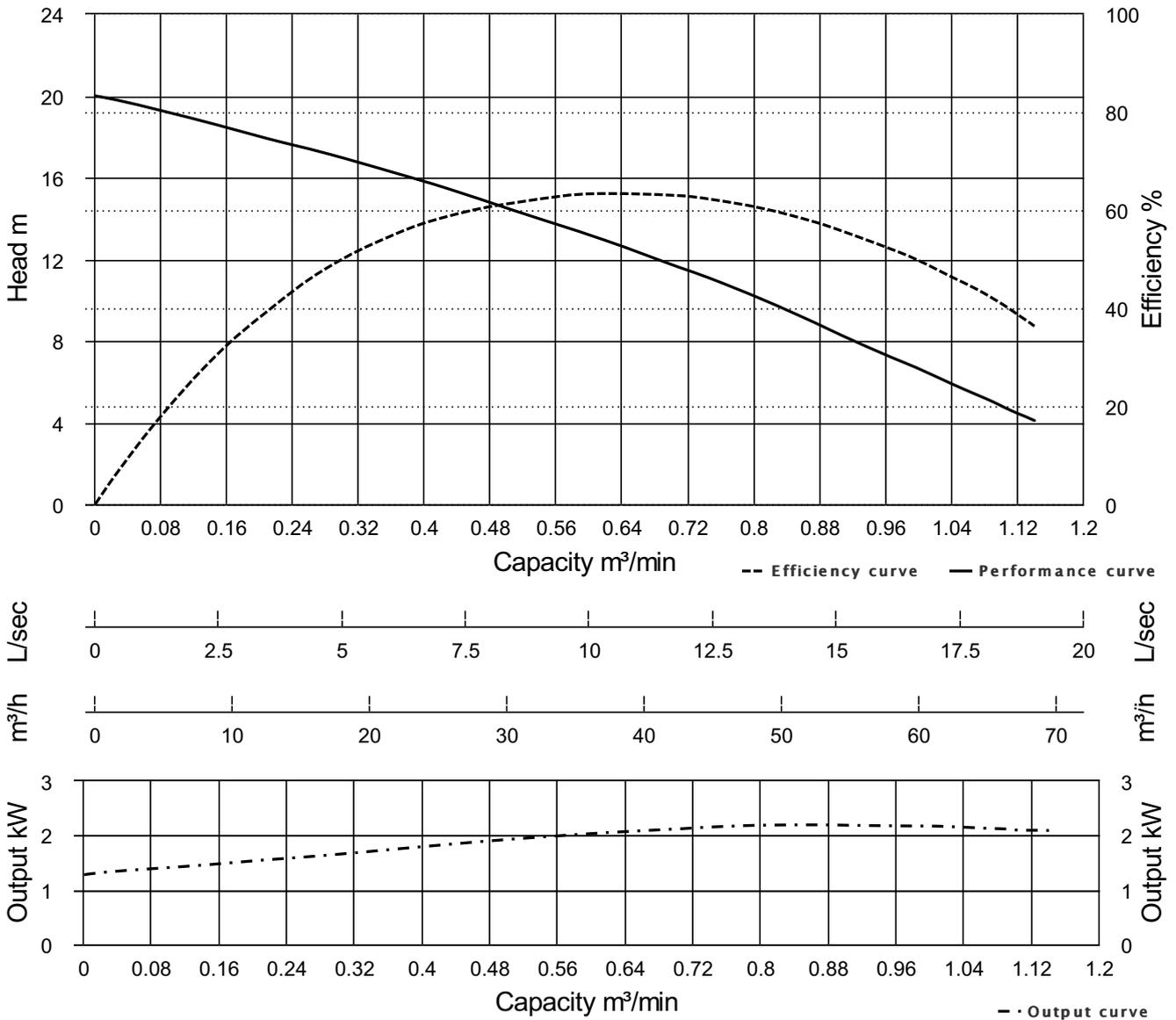
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HCP PUMP

PUMP PERFORMANCE CURVES

Model	80SA22.2				Ver NO.	BA0407	
Frequency / Phase	50 Hz / 1 Ø				REFERENCE SPECIFICATION		
Discharge	3" / 80 mm						
Power	3 HP / 2.2 kW						
Std. Head	12.5 m						
Std. Capacity	0.6 m ³ /min						
Volt	220 V	230 V	240 V				
Rated Current	15 A	14.6 A	14.4 A				
Pole / rpm	2 P / 2840 rpm						
Start Method	CAPACITOR						
Insulation Class	F						



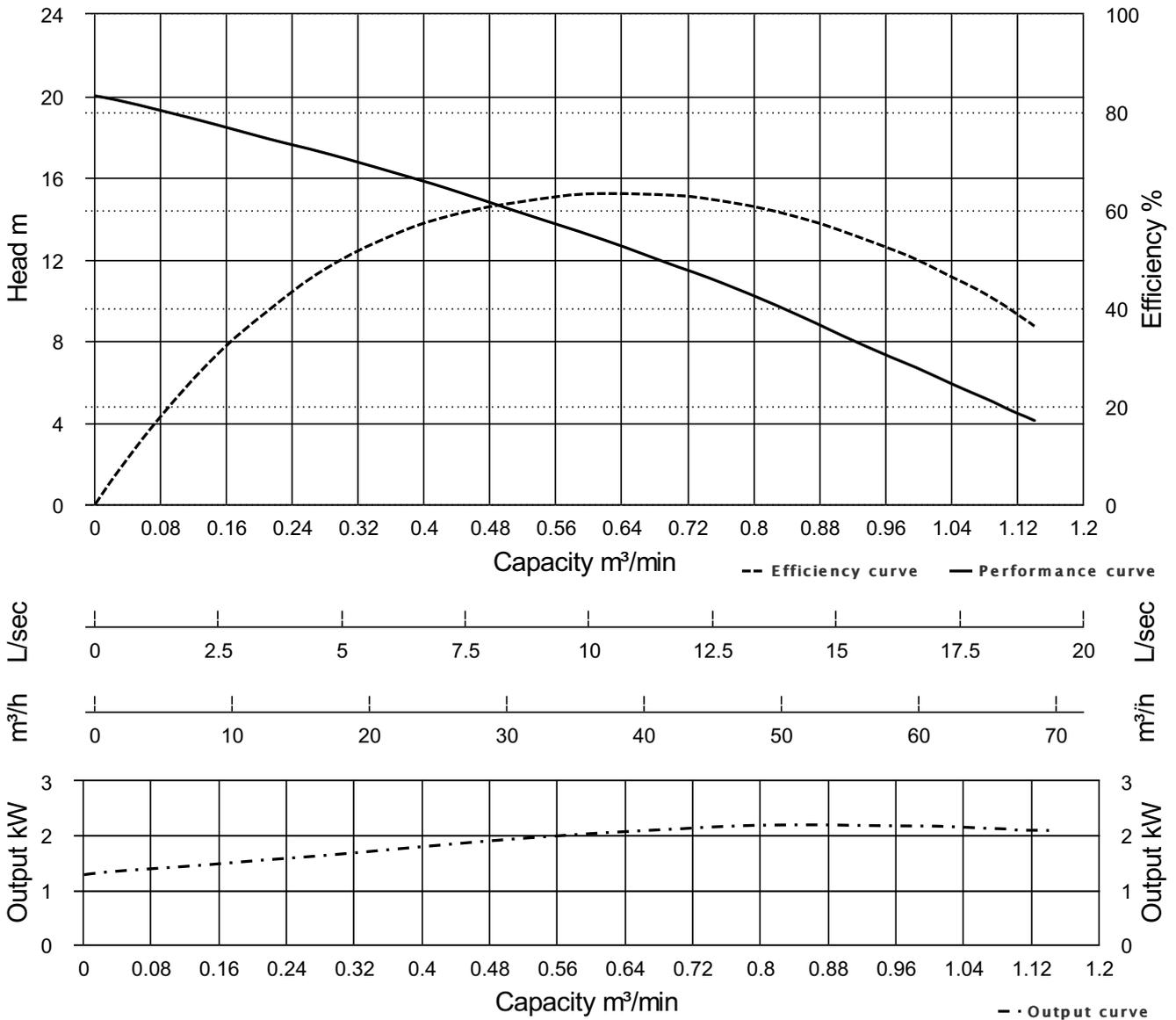
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HCP PUMP

PUMP PERFORMANCE CURVES

Model	80SA22.2					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	3 HP / 2.2 kW						
Std. Head	12.5 m						
Std. Capacity	0.6 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	8.8 A	5 A	4.8 A	4.8 A	3.8 A		
Pole / rpm	2 P / 2840 rpm						
Start Method	DOL						
Insulation Class	F						



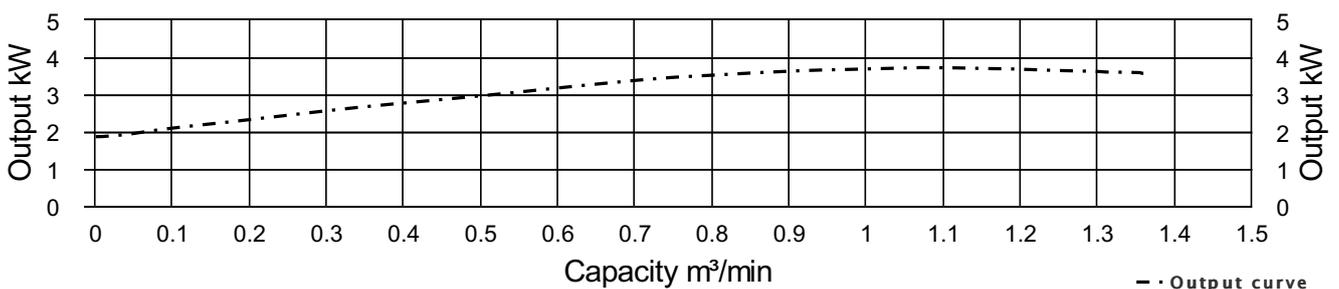
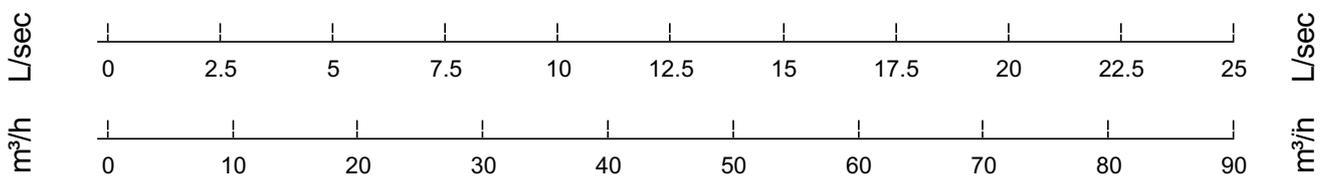
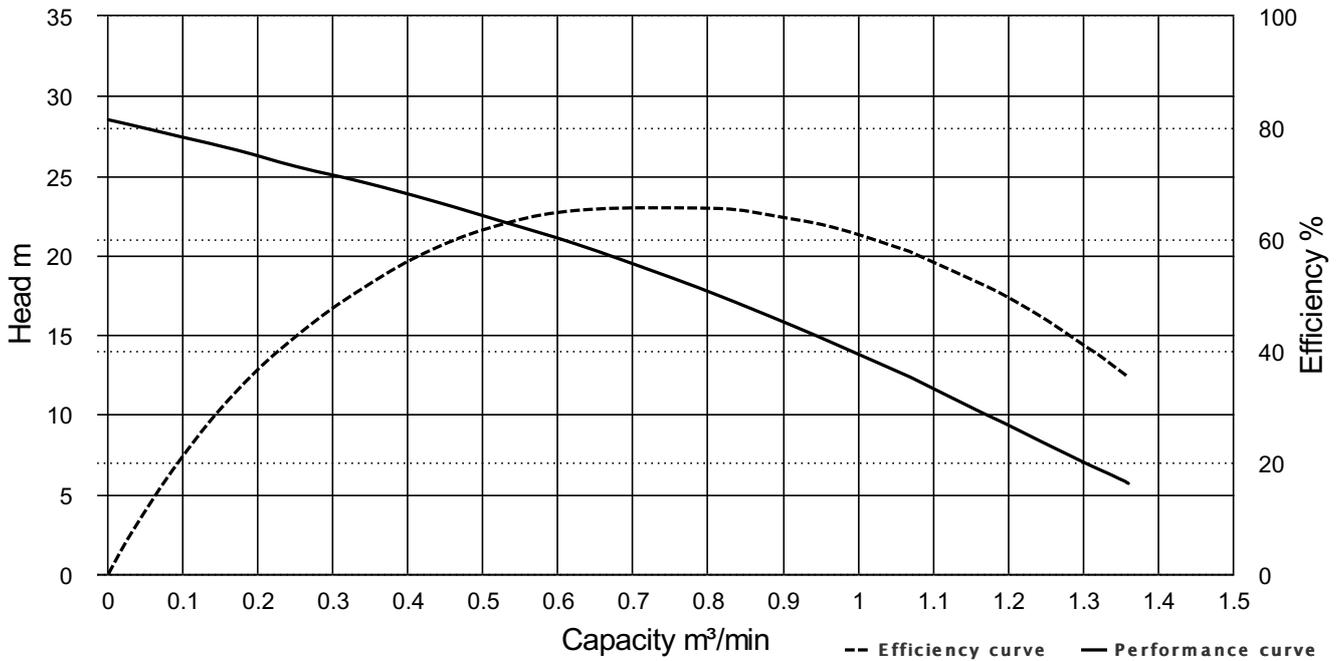
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HCP PUMP

PUMP PERFORMANCE CURVES

Model	80SA23.7					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	5 HP / 3.7 kW						
Std. Head	20.5 m						
Std. Capacity	0.6 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	14.2 A	8.2 A	7.8 A	7.8 A	6.2 A		
Pole / rpm	2 P / 2850 rpm						
Start Method	DOL						
Insulation Class	F						



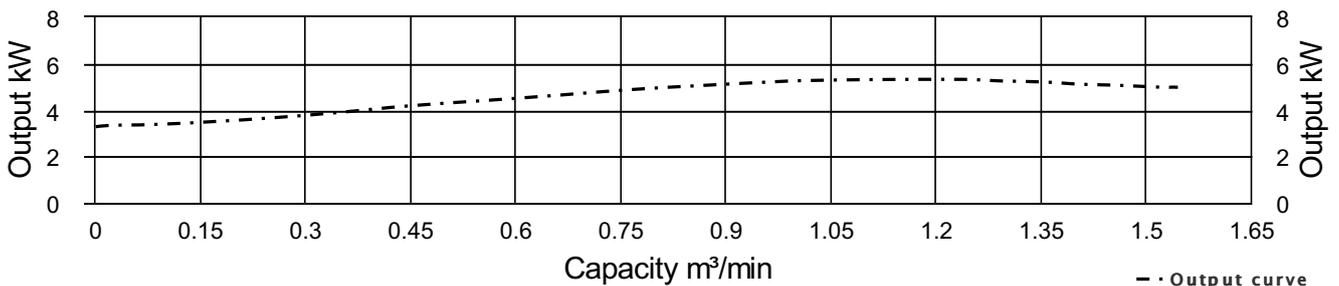
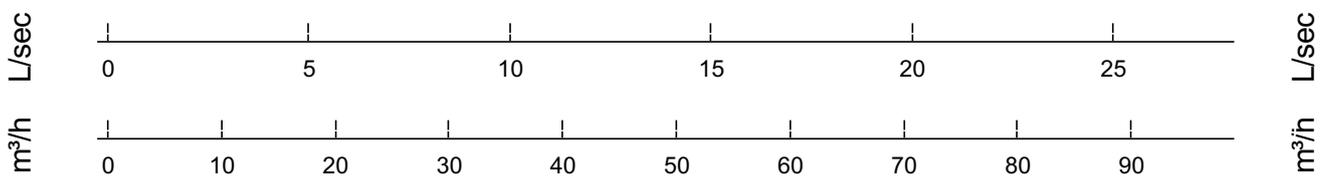
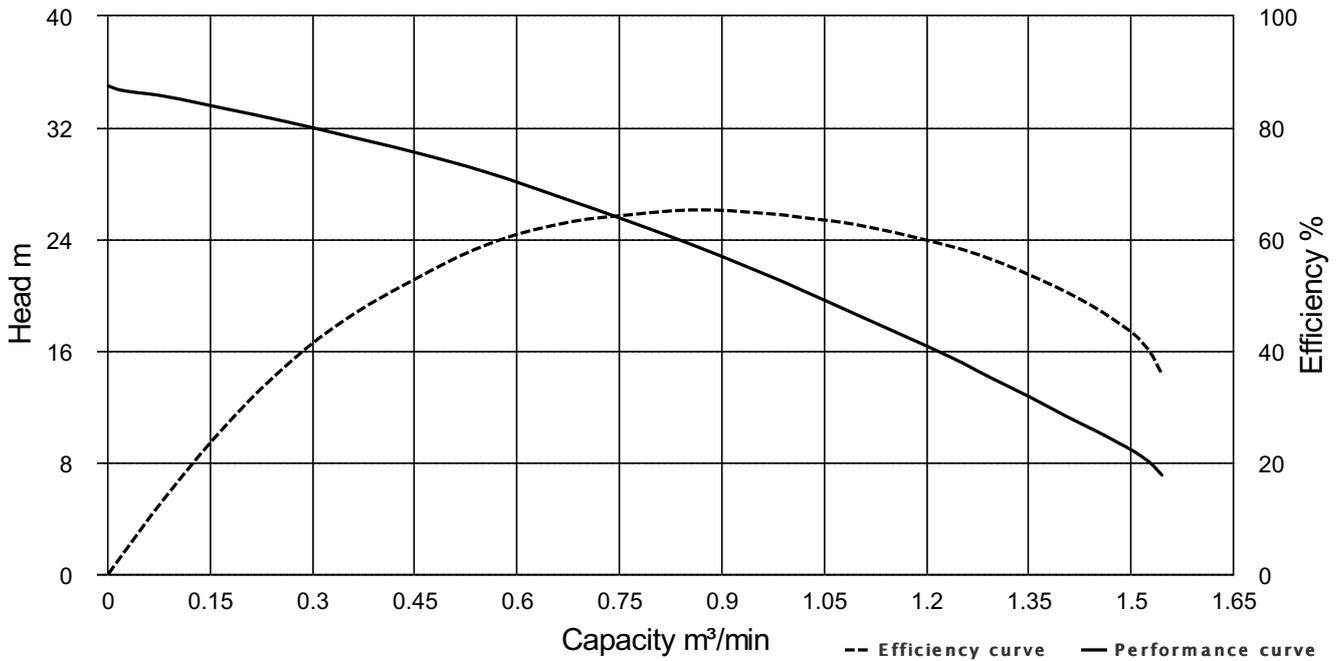
HCP PUMP MANUFACTURER CO., LTD.



HCP PUMP

PUMP PERFORMANCE CURVES

Model	80(100)SA25.5					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	7.5 HP / 5.5 kW						
Std. Head	28 m						
Std. Capacity	0.6 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	20.6 A	11.7 A	11.4 A	11.4 A	9.1 A		
Pole / rpm	2 P / 2890 rpm						
Start Method	DOL						
Insulation Class	H						



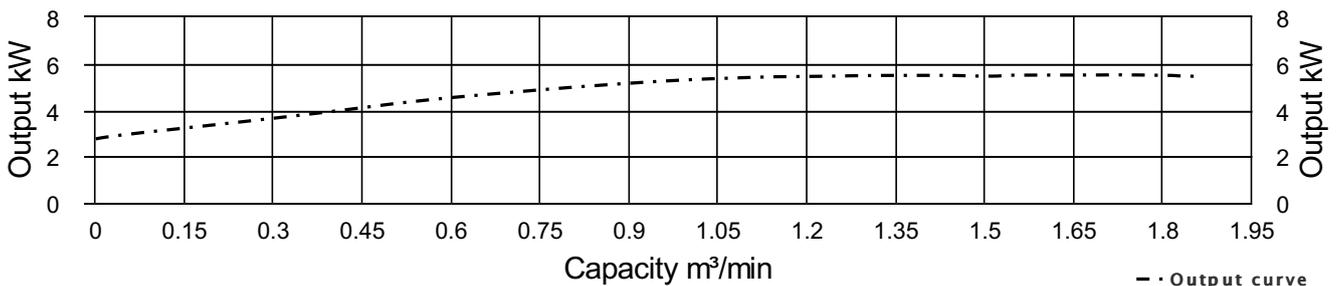
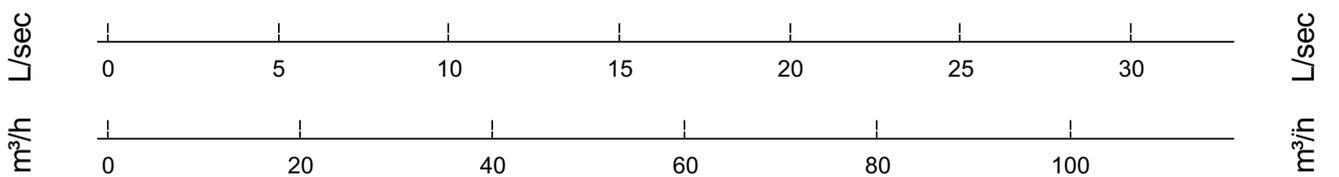
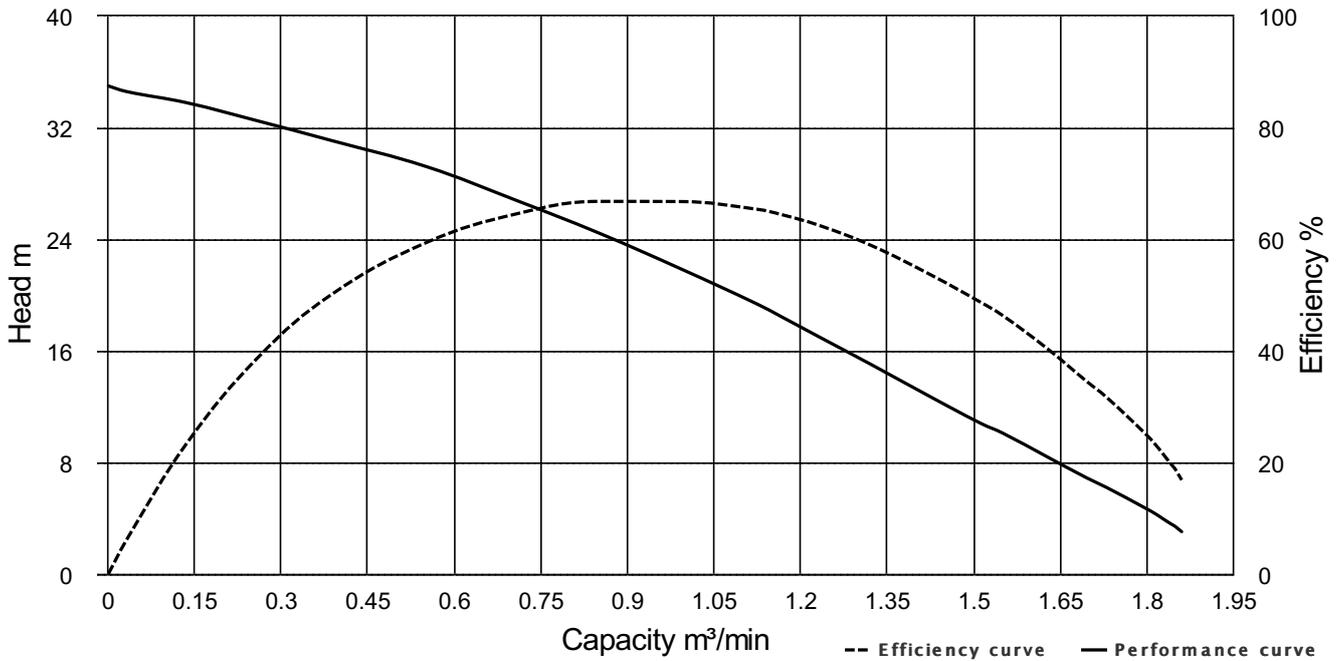
HCP PUMP MANUFACTURER CO., LTD.



HCP PUMP

PUMP PERFORMANCE CURVES

Model	80(100)SA25.5					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	4" / 100 mm						
Power	7.5 HP / 5.5 kW						
Std. Head	21.5 m						
Std. Capacity	1 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	20.6 A	11.7 A	11.4 A	11.4 A	9.1 A		
Pole / rpm	2 P / 2890 rpm						
Start Method	DOL						
Insulation Class	H						



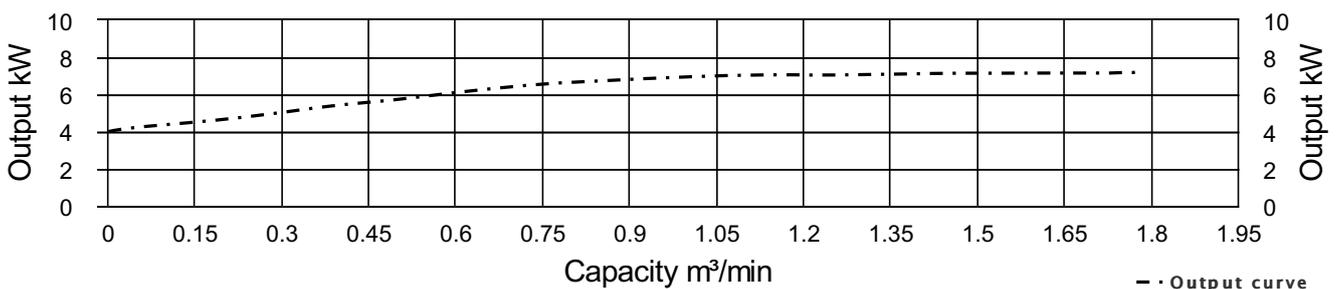
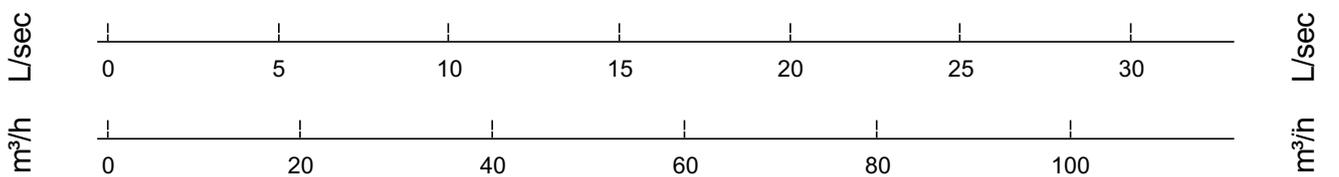
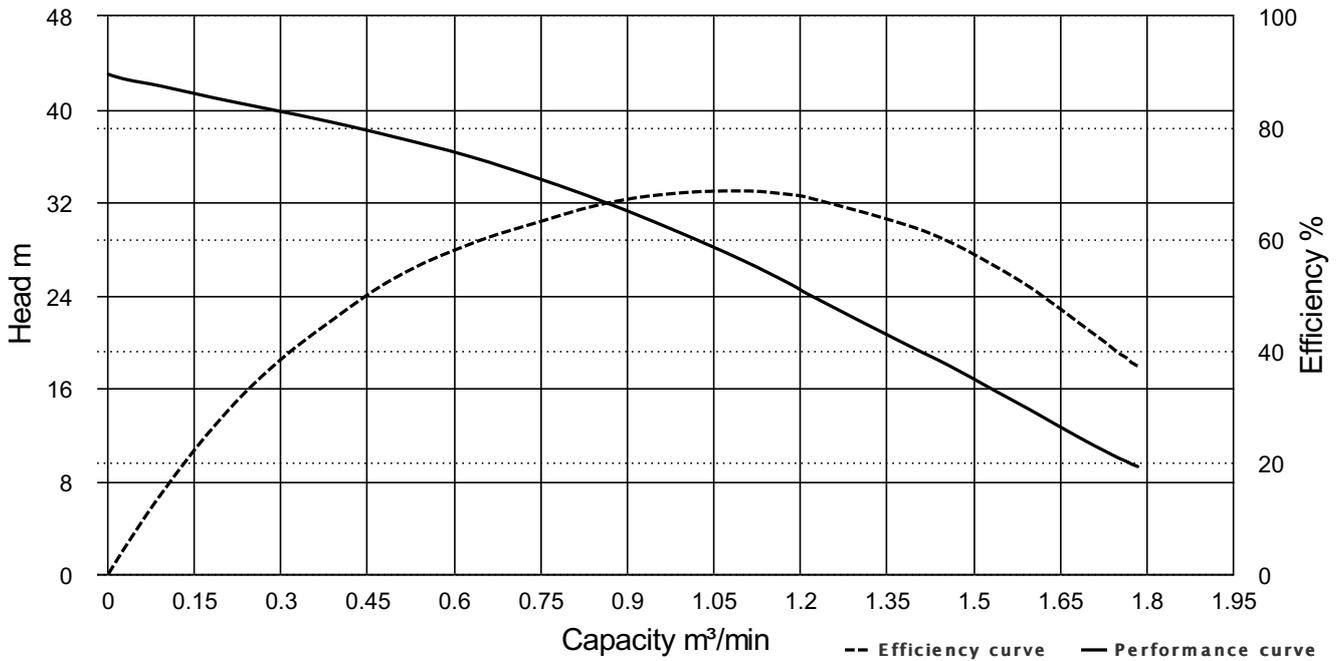
HCP PUMP MANUFACTURER CO., LTD.



HCP PUMP

PUMP PERFORMANCE CURVES

Model	80(100)SA27.5					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	10 HP / 7.5 kW						
Std. Head	35.5 m						
Std. Capacity	0.6 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	27.6 A	15.7 A	15.2 A	15.2 A	12.2 A		
Pole / rpm	2 P / 2900 rpm						
Start Method	DOL						
Insulation Class	H						



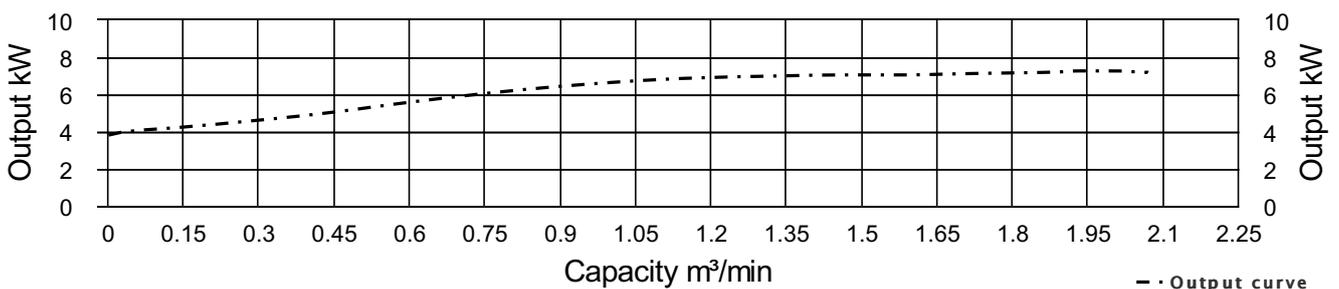
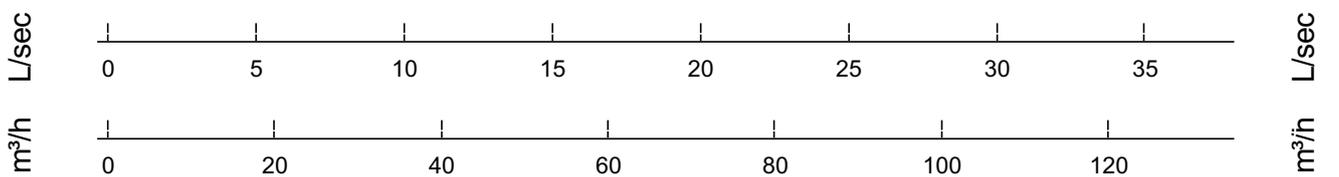
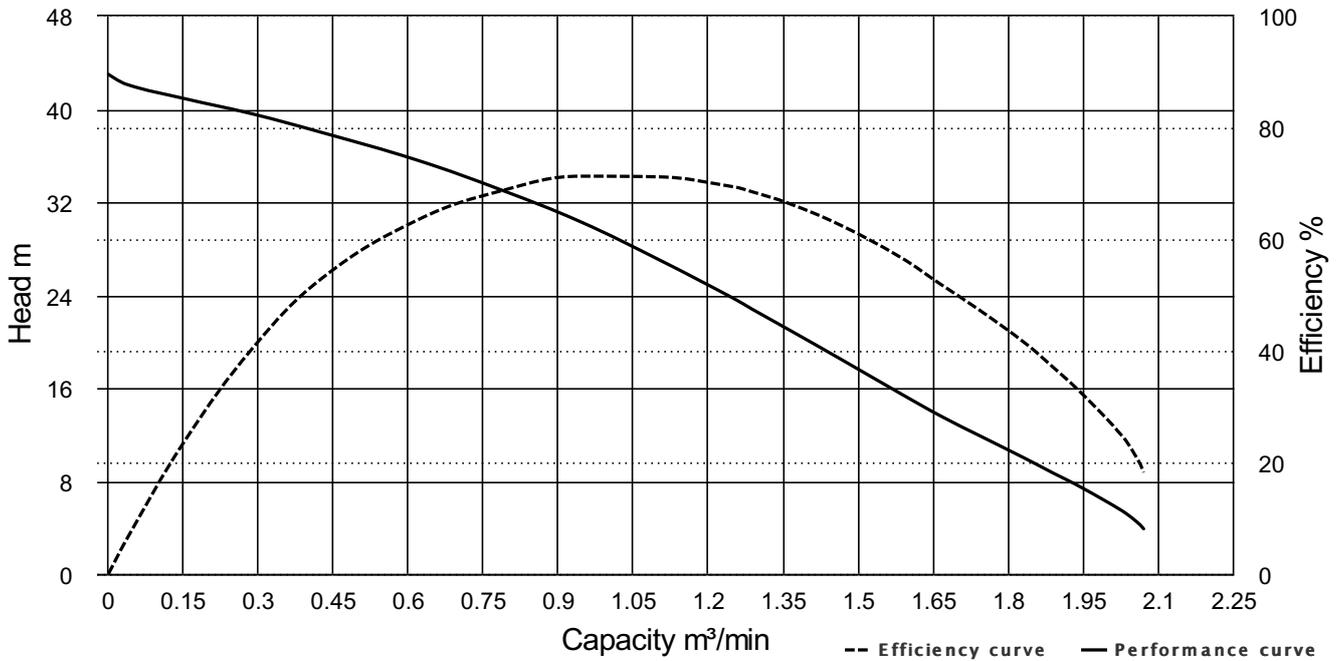
HCP PUMP MANUFACTURER CO., LTD.



HCP PUMP

PUMP PERFORMANCE CURVES

Model	80(100)SA27.5					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	4" / 100 mm						
Power	10 HP / 7.5 kW						
Std. Head	29 m						
Std. Capacity	1 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	27.6 A	15.7 A	15.2 A	15.2 A	12.2 A		
Pole / rpm	2 P / 2900 rpm						
Start Method	DOL						
Insulation Class	H						



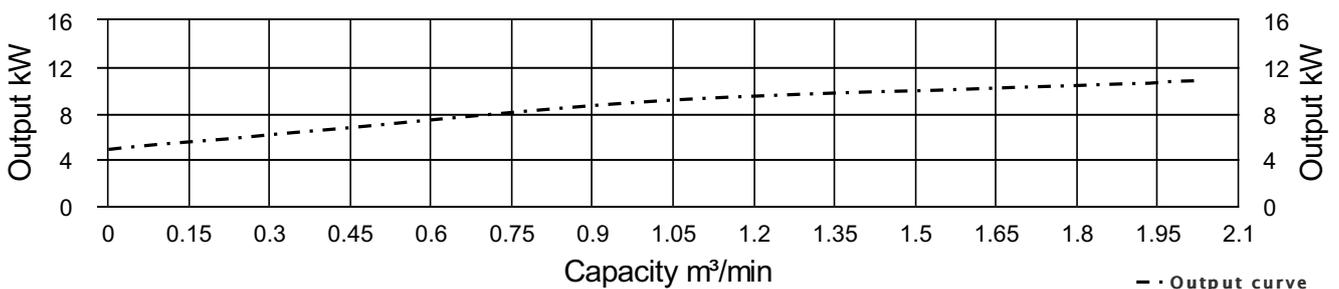
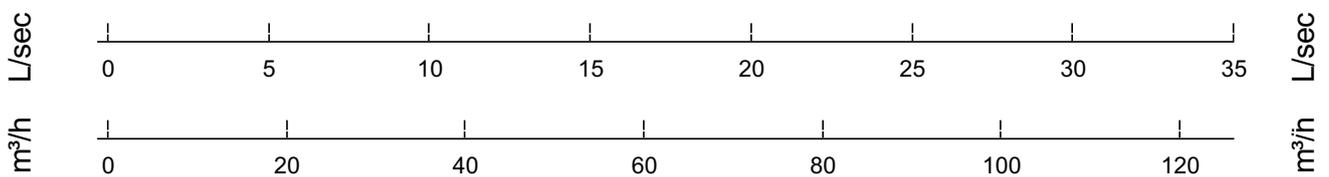
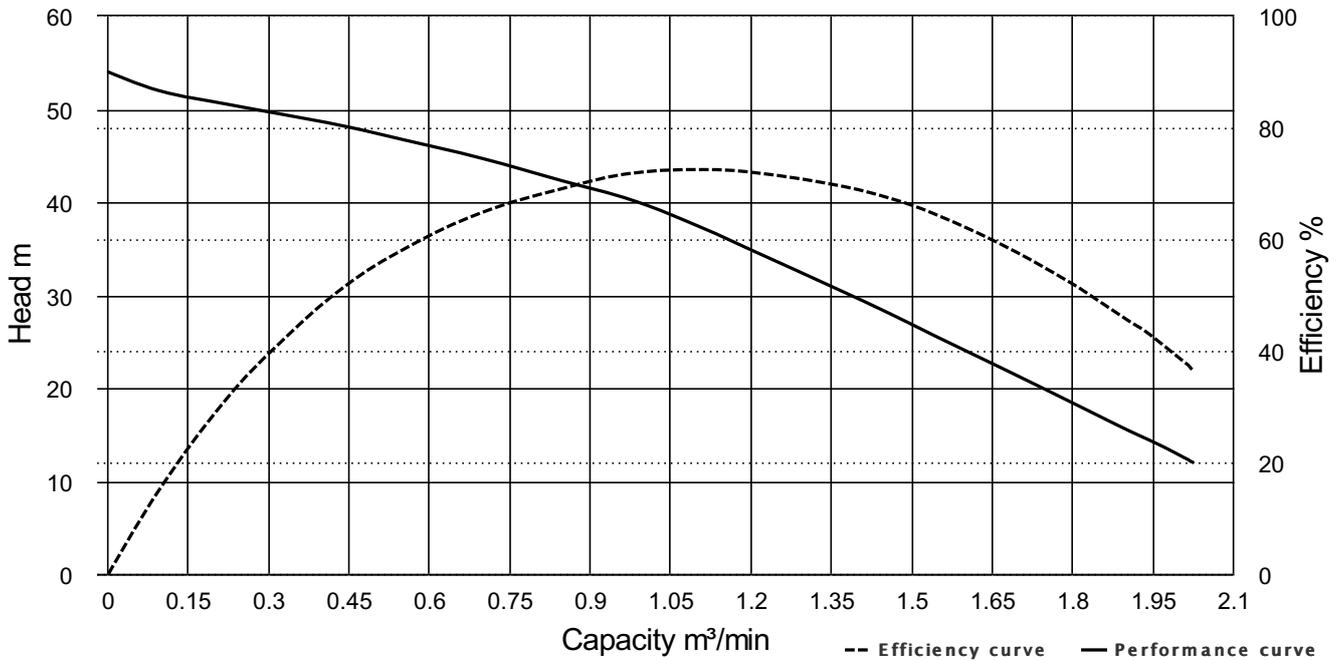
HCP PUMP MANUFACTURER CO., LTD.



HCP PUMP

PUMP PERFORMANCE CURVES

Model	80(100)SA211					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	15 HP / 11 kW						
Std. Head	46 m						
Std. Capacity	0.6 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	39 A	22.2 A	21.6 A	21.6 A	17.3 A		
Pole / rpm	2 P / 2900 rpm						
Start Method	STAR-DELTA / DOL						
Insulation Class	H						



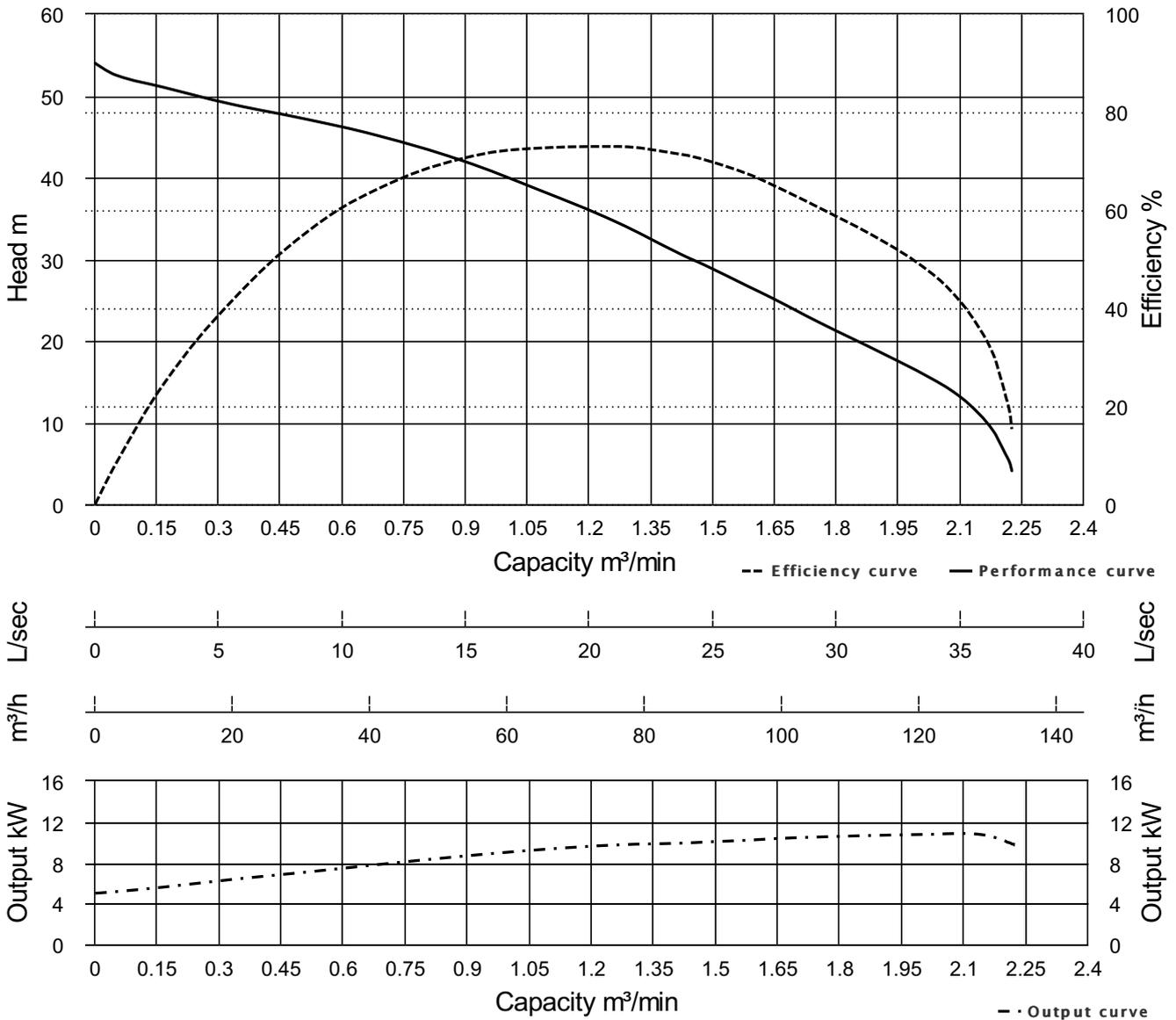
HCP PUMP MANUFACTURER CO., LTD.



HCP PUMP

PUMP PERFORMANCE CURVES

Model	80(100)SA211					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	4" / 100 mm						
Power	15 HP / 11 kW						
Std. Head	39.5 m						
Std. Capacity	1 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	39 A	22.2 A	21.6 A	21.6 A	17.3 A		
Pole / rpm	2 P / 2900 rpm						
Start Method	STAR-DELTA / DOL						
Insulation Class	H						



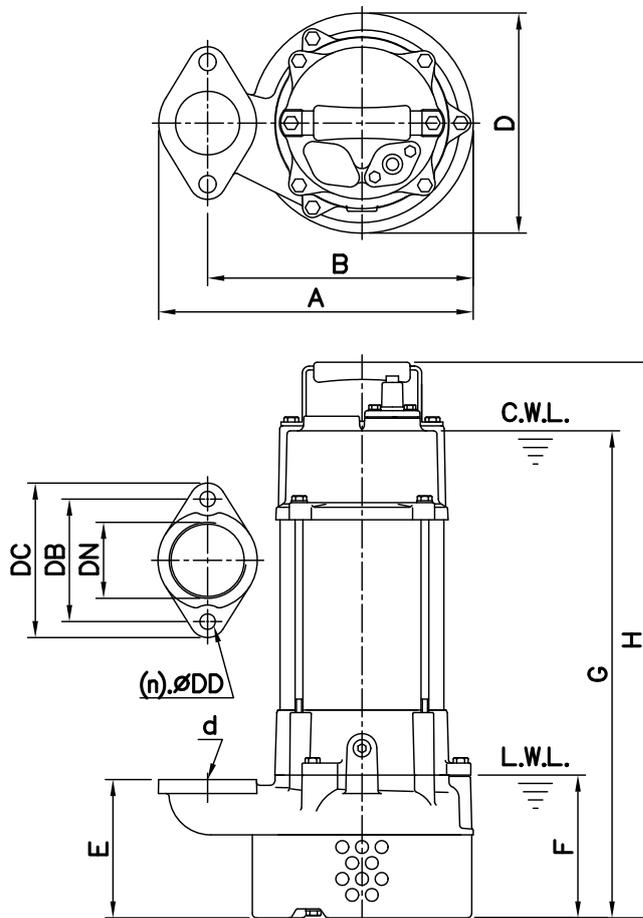
HCP PUMP MANUFACTURER CO., LTD.

DIMENSIONS

NO: S2SA0208A32-11

MODEL: 50SA2.4A / 2.8A

1Ø / 3Ø



Flange	
Female Thread	
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
50SA2.4A 1Ø	50	244	206	172	108	112	382	435	14	ESF2-96K	50	96	121	12	2	1
50SA2.4A 3Ø	50	244	206	172	108	112	382	435	14	ESF2-96K	50	96	121	12	2	1
50SA2.8A 1Ø	50	244	206	172	108	112	382	435	16	ESF2-96K	50	96	121	12	2	1
50SA2.8A 3Ø	50	244	206	172	108	112	382	435	15	ESF2-96K	50	96	121	12	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
50SA2.4A 1Ø	2	9 ⁵ / ₈	8 ¹ / ₈	6 ³ / ₄	4 ¹ / ₄	4 ⁷ / ₁₆	15 ¹ / ₁₆	17 ³ / ₈	31	ESF2-96K	2	3 ³ / ₄	4 ³ / ₄	1/2	2	1
50SA2.4A 3Ø	2	9 ⁵ / ₈	8 ¹ / ₈	6 ³ / ₄	4 ¹ / ₄	4 ⁷ / ₁₆	15 ¹ / ₁₆	17 ³ / ₈	31	ESF2-96K	2	3 ³ / ₄	4 ³ / ₄	1/2	2	1
50SA2.8A 1Ø	2	9 ⁵ / ₈	8 ¹ / ₈	6 ³ / ₄	4 ¹ / ₄	4 ⁷ / ₁₆	15 ¹ / ₁₆	17 ³ / ₈	35	ESF2-96K	2	3 ³ / ₄	4 ³ / ₄	1/2	2	1
50SA2.8A 3Ø	2	9 ⁵ / ₈	8 ¹ / ₈	6 ³ / ₄	4 ¹ / ₄	4 ⁷ / ₁₆	15 ¹ / ₁₆	17 ³ / ₈	33	ESF2-96K	2	3 ³ / ₄	4 ³ / ₄	1/2	2	1

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

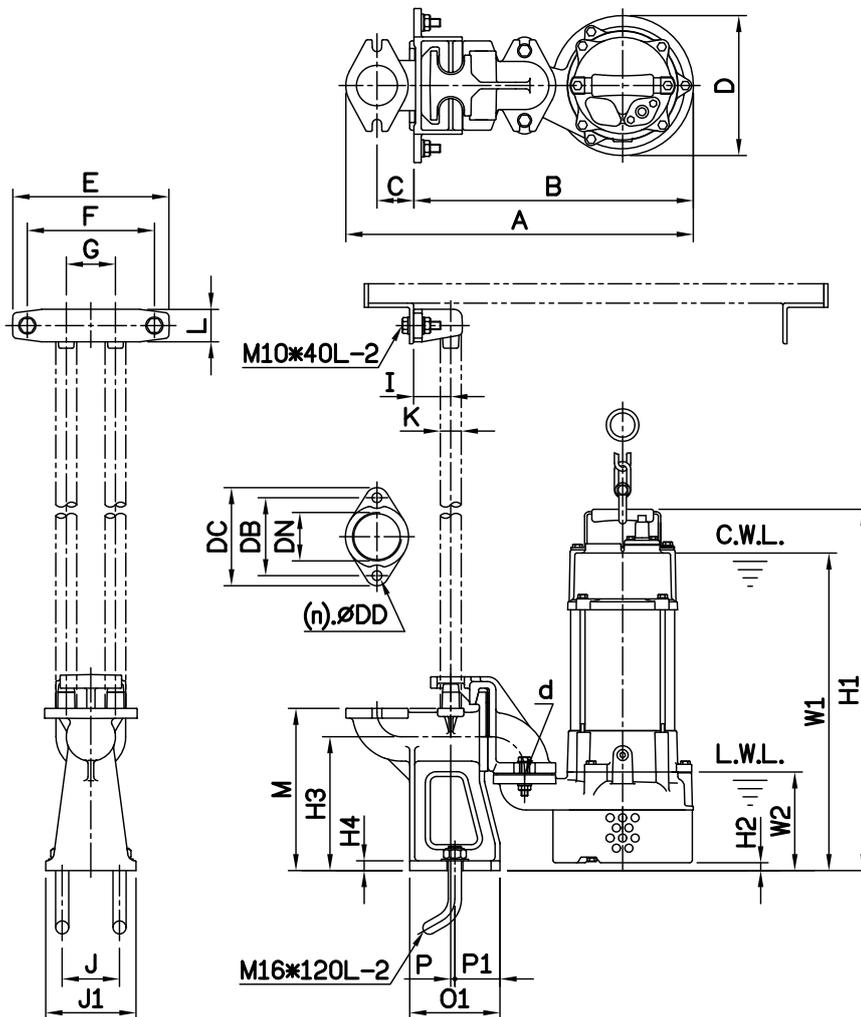
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

NO: T2SA0208A32-11

MODEL: 50SA2.4A / 2.8A

1Ø / 3Ø



Flange	
Female Thread	
PF	NPT

Dimensions—mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
ESF2-96	50	96	121	12	2

Dimensions—inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
ESF2-96	2	3¾	4¾	½	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
50SA2.4A 1Ø	50	424	341	45	172	190	155	60	45	70	110	¾"	40	200	110	5	55	392	121	445	10	165	12	14	ST2-50	9
50SA2.8A 1Ø	50	424	341	45	172	190	155	60	45	70	110	¾"	40	200	110	5	55	392	121	445	10	165	12	16	ST2-50	9
50SA2.4A 3Ø	50	424	341	45	172	190	155	60	45	70	110	¾"	40	200	110	5	55	392	121	445	10	165	12	14	ST2-50	9
50SA2.8A 3Ø	50	424	341	45	172	190	155	60	45	70	110	¾"	40	200	110	5	55	392	121	445	10	165	12	15	ST2-50	9

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
50SA2.4A 1Ø	2	16½	13½	1¾	6¾	7½	6½	2½	1¾	2¾	4½	¾	1½	7½	4½	¾	2½	15½	4¾	17½	¾	6½	½	31	ST2-50	20
50SA2.8A 1Ø	2	16½	13½	1¾	6¾	7½	6½	2½	1¾	2¾	4½	¾	1½	7½	4½	¾	2½	15½	4¾	17½	¾	6½	½	35	ST2-50	20
50SA2.4A 3Ø	2	16½	13½	1¾	6¾	7½	6½	2½	1¾	2¾	4½	¾	1½	7½	4½	¾	2½	15½	4¾	17½	¾	6½	½	31	ST2-50	20
50SA2.8A 3Ø	2	16½	13½	1¾	6¾	7½	6½	2½	1¾	2¾	4½	¾	1½	7½	4½	¾	2½	15½	4¾	17½	¾	6½	½	33	ST2-50	20

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

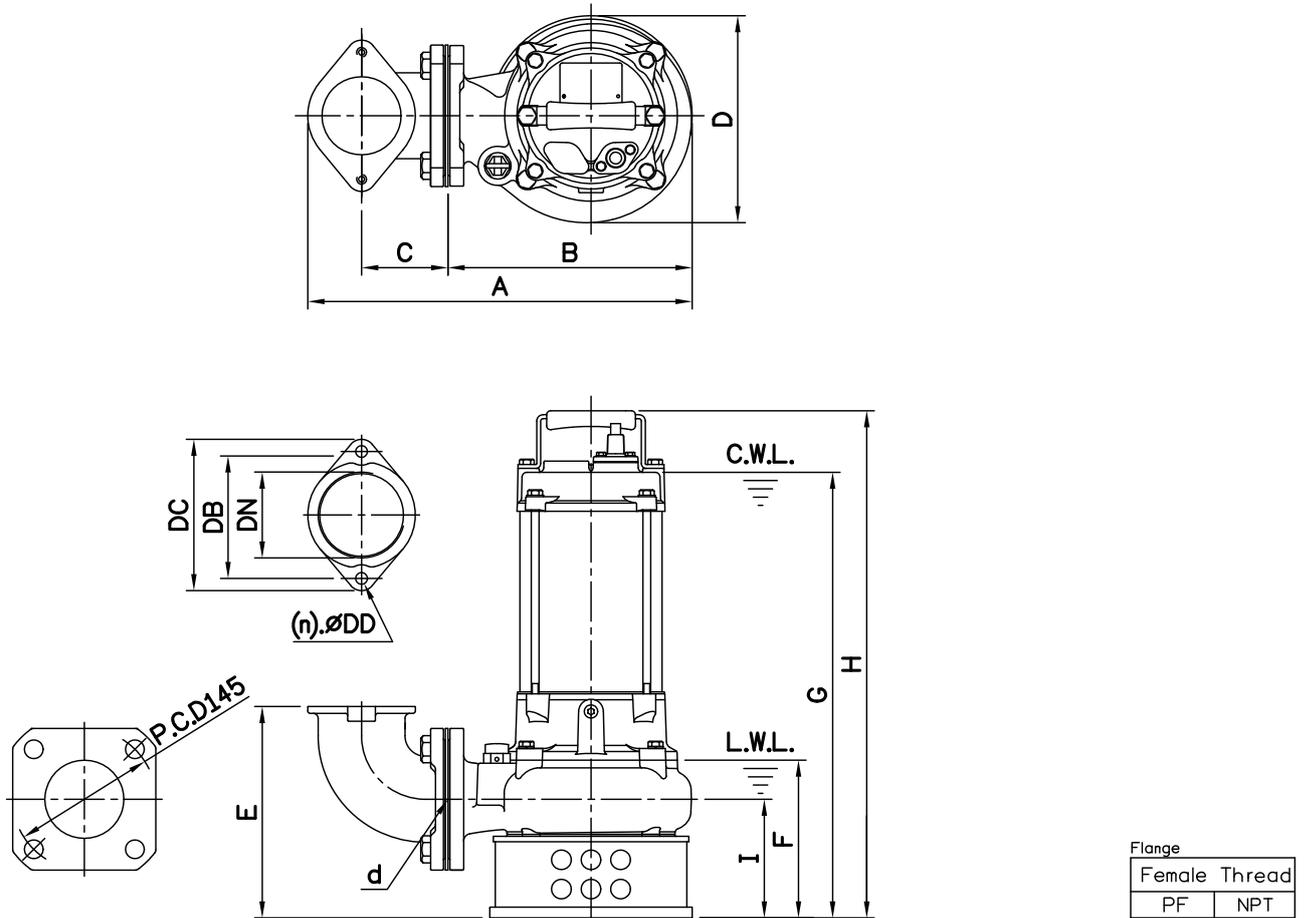
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

DIMENSIONS

NO: S3SA0222030-00

MODEL: 80SA21.5 / 22.2

50Hz 1Ø / 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
80SA21.5 1Ø	80	390	248	88	212	217	162	526	589	122	34	ESB3-130K	80	130	155	12	2	4
80SA21.5 3Ø	80	390	248	88	212	217	162	457	520	122	30	ESB3-130K	80	130	155	12	2	4
80SA22.2 1Ø	80	390	248	88	212	217	162	538	601	122	38	ESB3-130K	80	130	155	12	2	4
80SA22.2 3Ø	80	390	248	88	212	217	162	457	520	122	33	ESB3-130K	80	130	155	12	2	4

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
80SA21.5 1Ø	3	15 ³ / ₈	9 ³ / ₄	3 ⁷ / ₁₆	8 ³ / ₈	8 ⁵ / ₁₆	6 ³ / ₈	20 ⁷ / ₁₆	23 ³ / ₁₆	4 ¹ / ₁₆	75	ESB3-130K	3	5 ¹ / ₈	6 ¹ / ₈	1/2	2	9
80SA21.5 3Ø	3	15 ³ / ₈	9 ³ / ₄	3 ⁷ / ₁₆	8 ³ / ₈	8 ⁵ / ₁₆	6 ³ / ₈	18	20 ¹ / ₂	4 ¹³ / ₁₆	66	ESB3-130K	3	5 ¹ / ₈	6 ¹ / ₈	1/2	2	9
80SA22.2 1Ø	3	15 ³ / ₈	9 ³ / ₄	3 ⁷ / ₁₆	8 ³ / ₈	8 ⁵ / ₁₆	6 ³ / ₈	21 ³ / ₁₆	23 ³ / ₁₆	4 ¹³ / ₁₆	84	ESB3-130K	3	5 ¹ / ₈	6 ¹ / ₈	1/2	2	9
80SA22.2 3Ø	3	15 ³ / ₈	9 ³ / ₄	3 ⁷ / ₁₆	8 ³ / ₈	8 ⁵ / ₁₆	6 ³ / ₈	18	20 ¹ / ₂	4 ¹³ / ₁₆	73	ESB3-130K	3	5 ¹ / ₈	6 ¹ / ₈	1/2	2	9

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

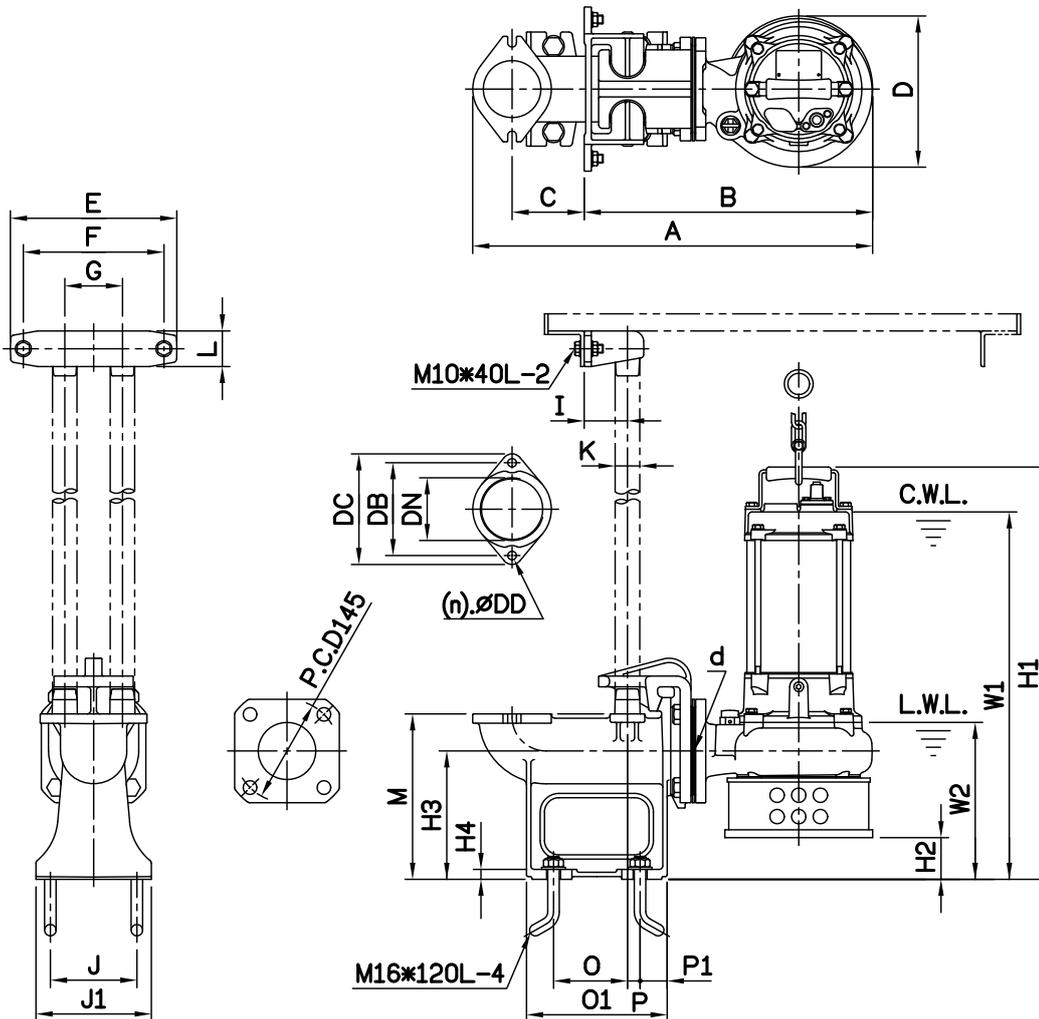
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

NO: T3SA0222030-00

MODEL: 80SA21.5 / 22.2

50Hz 1Ø / 3Ø



Flange	
Female Thread	
PF	NPT

Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
ESF3-130	80	130	155	12	2

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
ESF3-130	3	5 1/8	6 1/8	1/2	2

Dimensions-mm

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	Weight:kg	
																										GRS Set	WT2
80SA21.5 1Ø	80	555	400	100	212	230	195	80	60	120	160	1 1/4	50	232	103	195	18	38	584	220	647	59	180	14	34	ST2-80	19
80SA21.5 3Ø	80	555	400	100	212	230	195	80	60	120	160	1 1/4	50	232	103	195	18	38	515	220	578	59	180	14	30	ST2-80	19
80SA22.2 1Ø	80	555	400	100	212	230	195	80	60	120	160	1 1/4	50	232	103	195	18	38	596	220	659	59	180	14	38	ST2-80	19
80SA22.2 3Ø	80	555	400	100	212	230	195	80	60	120	160	1 1/4	50	232	103	195	18	38	515	220	578	59	180	14	33	ST2-80	19

Dimensions-inch

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	Weight:lb	
																										GRS Set	WT2
80SA21.5 1Ø	3	21 7/8	15 3/4	3 15/16	8 3/8	9 1/16	7 7/16	3 3/8	2 3/8	4 3/4	6 5/16	1 1/4	2	9 1/8	4 1/16	7 7/16	7/16	1 1/2	23	8 7/16	25 1/2	2 5/16	7 1/16	9/16	75	ST2-80	42
80SA21.5 3Ø	3	21 7/8	15 3/4	3 15/16	8 3/8	9 1/16	7 7/16	3 3/8	2 3/8	4 3/4	6 5/16	1 1/4	2	9 1/8	4 1/16	7 7/16	7/16	1 1/2	20 3/4	8 7/16	22 3/4	2 5/16	7 1/16	9/16	66	ST2-80	42
80SA22.2 1Ø	3	21 7/8	15 3/4	3 15/16	8 3/8	9 1/16	7 7/16	3 3/8	2 3/8	4 3/4	6 5/16	1 1/4	2	9 1/8	4 1/16	7 7/16	7/16	1 1/2	23 3/16	8 7/16	25 5/16	2 5/16	7 1/16	9/16	84	ST2-80	42
80SA22.2 3Ø	3	21 7/8	15 3/4	3 15/16	8 3/8	9 1/16	7 7/16	3 3/8	2 3/8	4 3/4	6 5/16	1 1/4	2	9 1/8	4 1/16	7 7/16	7/16	1 1/2	20 3/4	8 7/16	22 3/4	2 5/16	7 1/16	9/16	73	ST2-80	42

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

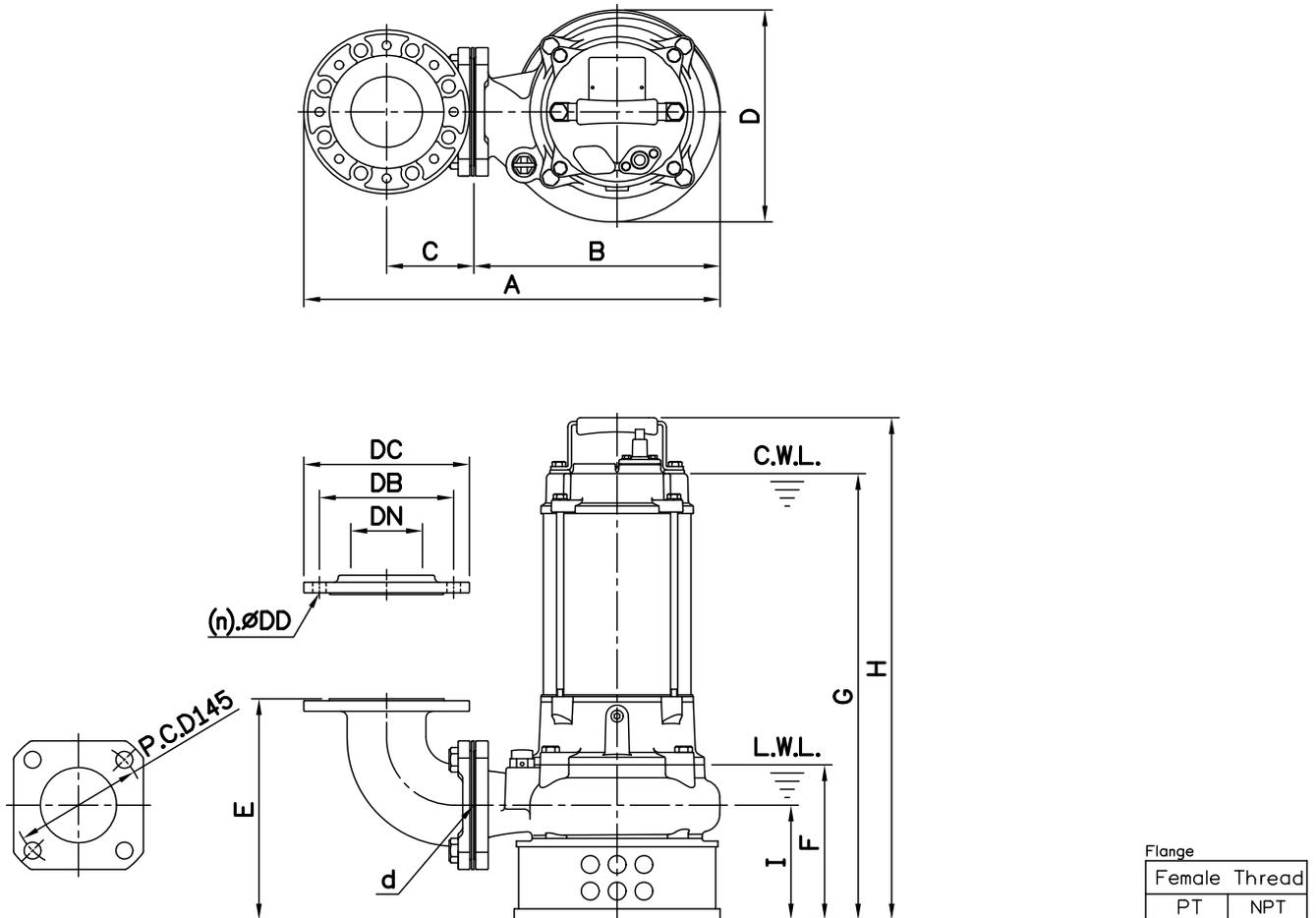
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

DIMENSIONS

NO: S3SA0237030-00

MODEL: 80SA23.7

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
80SA23.7	80	465	275	98	239	250	176	505	568	130	45	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
80SA23.7	3	18 ¹⁵ / ₁₆	10 ⁷ / ₁₆	3 ³ / ₁₆	9 ¹ / ₁₆	9 ³ / ₁₆	6 ¹ / ₁₆	19 ¹ / ₁₆	22 ³ / ₁₆	5 ¹ / ₁₆	99	ESB3-150K	3	5 ⁷ / ₁₆	7 ⁵ / ₁₆	9 ¹ / ₁₆	8	16

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

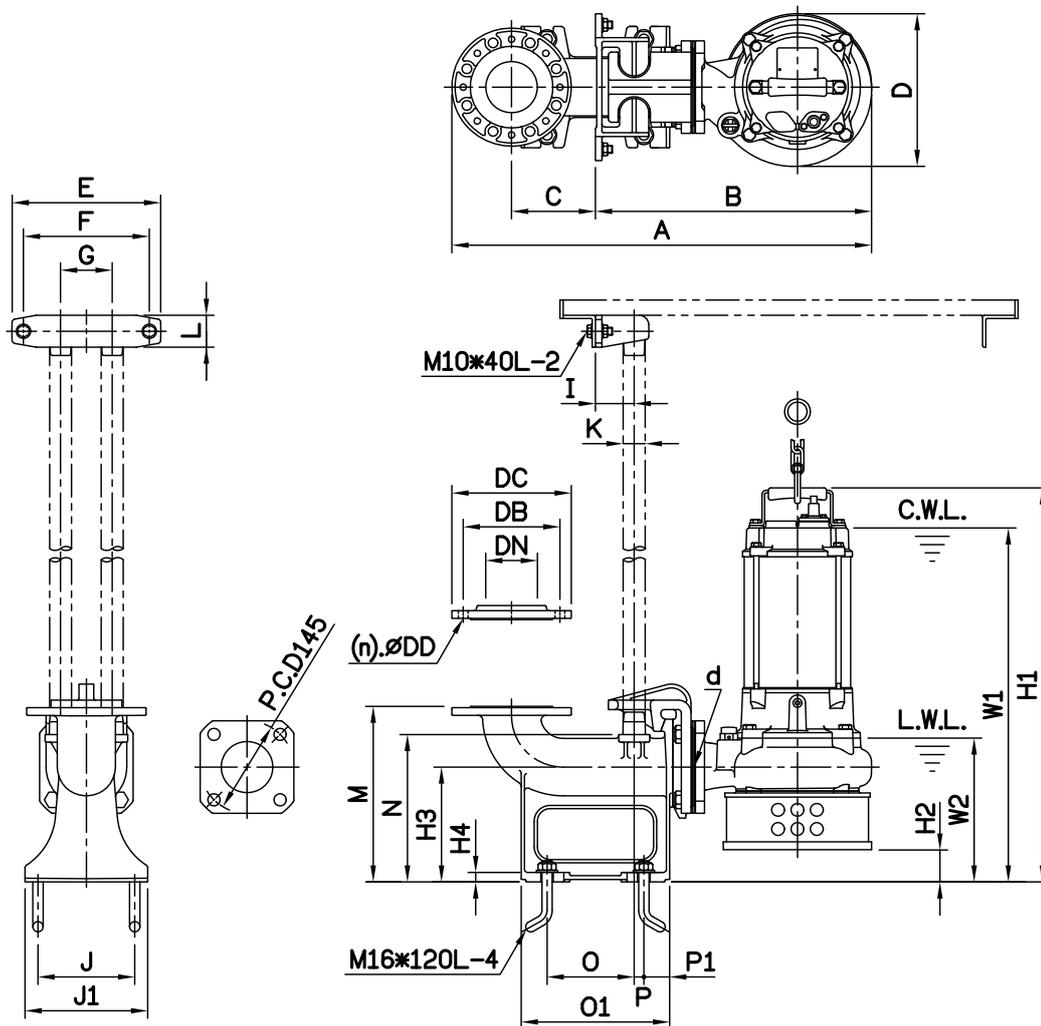
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

NO: T3SA0237030-00

MODEL: 80SA23.7

50Hz 3Ø



Flange	
Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
ESF3-150	80	150	185	15	8

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
ESF3-150	3	5 ¹⁵ / ₁₆	7 ⁵ / ₁₆	⁹ / ₁₆	8

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	Weight:kg	
																											GRS Set	WT2
80SA23.7	80	681	458	130	290	230	195	80	60	150	190	1 ¹ / ₄	50	275	231	135	230	15	40	555	226	618	50	180	15	45	ST80D	22

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	Weight:lb	
																											GRS Set	WT2
80SA23.7	3	26 ³ / ₈	18 ¹ / ₁₆	5 ¹ / ₈	11 ¹ / ₁₆	9 ¹ / ₁₆	7 ¹¹ / ₁₆	3 ³ / ₈	2 ³ / ₈	5 ¹⁵ / ₁₆	7 ¹ / ₂	1 ¹ / ₄	2	10 ³ / ₁₆	9 ¹ / ₁₆	5 ¹ / ₁₆	9 ¹ / ₁₆	³ / ₁₆	1 ¹ / ₁₆	21 ¹ / ₈	8 ⁷ / ₁₆	24 ³ / ₁₆	1 ⁵ / ₁₆	7 ¹ / ₁₆	⁹ / ₁₆	99	ST80D	49

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

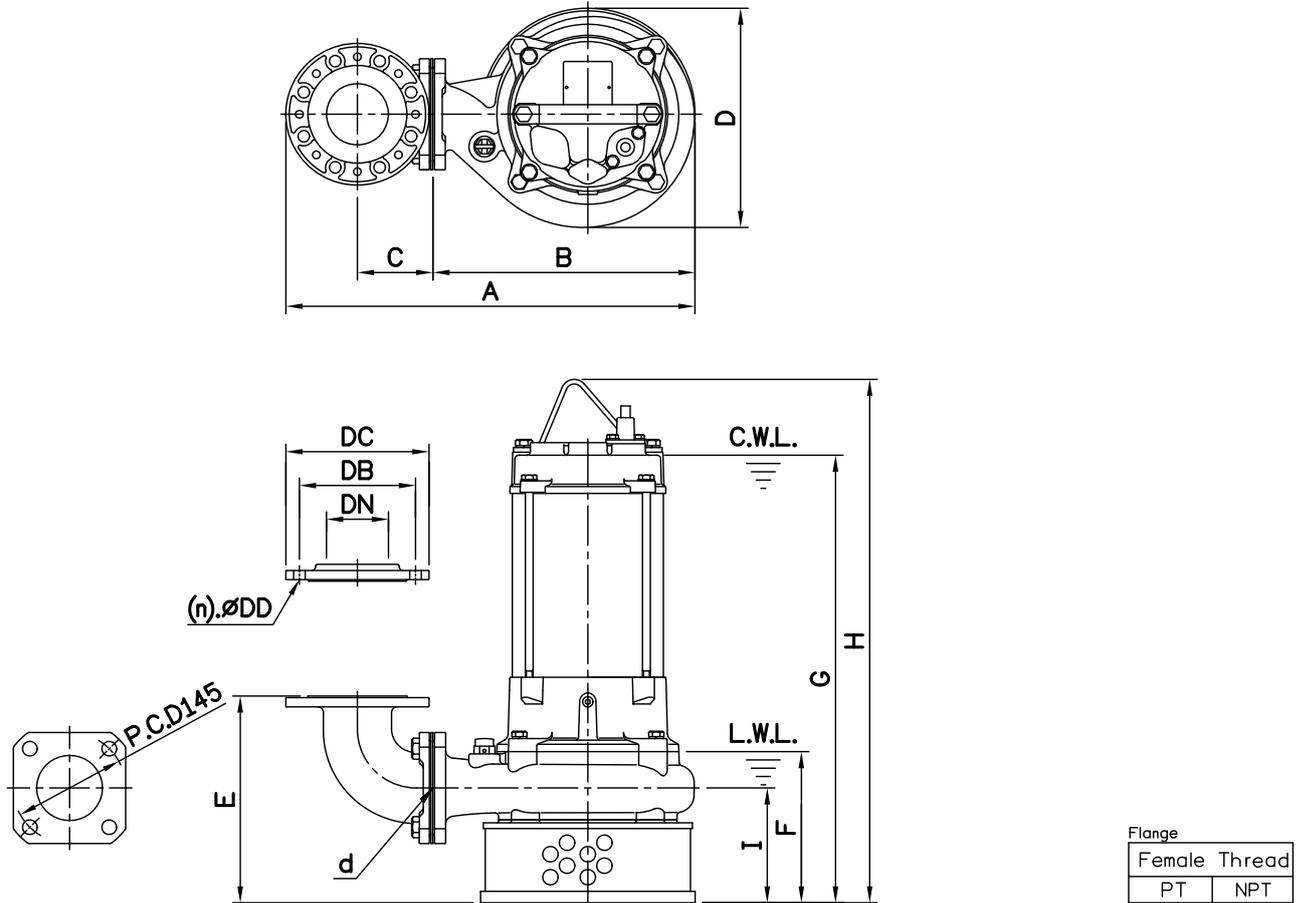
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

DIMENSIONS

NO: S3SA0275030-00

MODEL: 80(100)SA25.5 / 27.5

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
80(100)SA25.5	80	528	338	98	286	271	198	585	684	151	67	ESB3-150K	80	150	185	15	8	7
80(100)SA25.5	80	556	338	113	286	276	198	585	684	151	67	ESB4-175(145)K	100	175	210	15	8	10
80(100)SA27.5	80	528	338	98	286	271	198	585	684	151	73	ESB3-150K	80	150	185	15	8	7
80(100)SA27.5	80	556	338	113	286	276	198	585	684	151	73	ESB4-175(145)K	100	175	210	15	8	10

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
80(100)SA25.5	3	20 ⁷ / ₁₆	13 ³ / ₁₆	3 ³ / ₁₆	11 ¹ / ₄	10 ⁹ / ₁₆	7 ⁷ / ₁₆	23 ¹ / ₁₆	26 ⁵ / ₁₆	5 ⁷ / ₁₆	148	ESB3-150K	3	5 ⁹ / ₁₆	7 ³ / ₁₆	9 ¹ / ₁₆	8	16
80(100)SA25.5	3	21 ⁷ / ₈	13 ³ / ₁₆	4 ⁷ / ₁₆	11 ¹ / ₄	10 ⁹ / ₁₆	7 ⁷ / ₁₆	23 ¹ / ₁₆	26 ⁵ / ₁₆	5 ⁷ / ₁₆	148	ESB4-175(145)K	4	6 ⁷ / ₈	8 ³ / ₄	9 ¹ / ₁₆	8	21
80(100)SA27.5	3	20 ⁷ / ₁₆	13 ³ / ₁₆	3 ³ / ₁₆	11 ¹ / ₄	10 ⁹ / ₁₆	7 ⁷ / ₁₆	23 ¹ / ₁₆	26 ⁵ / ₁₆	5 ⁷ / ₁₆	161	ESB3-150K	3	5 ⁹ / ₁₆	7 ³ / ₁₆	9 ¹ / ₁₆	8	16
80(100)SA27.5	3	21 ⁷ / ₈	13 ³ / ₁₆	4 ⁷ / ₁₆	11 ¹ / ₄	10 ⁹ / ₁₆	7 ⁷ / ₁₆	23 ¹ / ₁₆	26 ⁵ / ₁₆	5 ⁷ / ₁₆	161	ESB4-175(145)K	4	6 ⁷ / ₈	8 ³ / ₄	9 ¹ / ₁₆	8	21

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

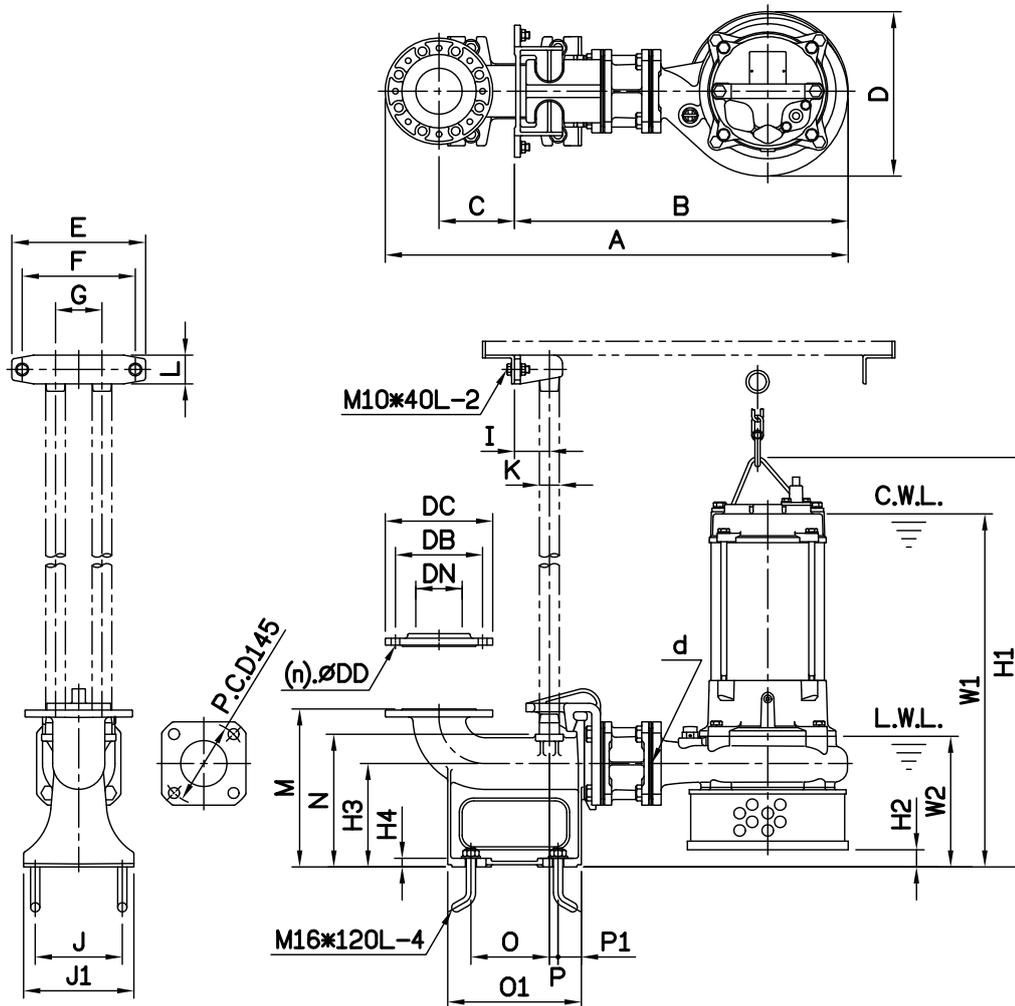
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

NO: T3SA0275030-00

MODEL: 80(100)SA25.5 / 27.5

50Hz 3Ø



Flange	
Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
ESF3-150	80	150	185	15	8
ESF4-175	100	175	210	15	8

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
ESF3-150	3	5 ⁹ / ₁₆	7 ⁵ / ₁₆	⁹ / ₁₆	8
ESF4-175	4	6 ⁷ / ₈	8 ¹ / ₄	⁹ / ₁₆	8

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	Weight:kg	
																											GRS Set	WT2
80(100)SA25.5	80	797	574	130	286	230	195	80	60	150	190	1 ¹ / ₄	50	275	231	135	230	15	40	615	228	714	30	180	15	67	ST80DH	25
80(100)SA27.5	80	797	574	130	286	230	195	80	60	150	190	1 ¹ / ₄	50	275	231	135	230	15	40	615	228	714	30	180	15	73	ST80DH	25
80(100)SA25.5	80	829	574	150	286	230	195	80	60	170	210	1 ¹ / ₄	50	285	231	155	250	15	40	615	228	714	30	180	15	67	ST100(80)BH	28
80(100)SA27.5	80	829	574	150	286	230	195	80	60	170	210	1 ¹ / ₄	50	285	231	155	250	15	40	615	228	714	30	180	15	73	ST100(80)BH	28

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	Weight:lb	
																											GRS Set	WT2
80(100)SA25.5	3	31 ⁵ / ₈	22 ⁵ / ₈	5 ¹ / ₈	11 ¹ / ₄	9 ¹ / ₈	7 ¹¹ / ₁₆	3 ³ / ₈	2 ³ / ₈	5 ¹⁵ / ₁₆	7 ¹ / ₂	1 ¹ / ₄	2	10 ³ / ₈	9 ¹ / ₈	5 ¹ / ₈	9 ¹ / ₁₆	⁹ / ₁₆	1 ¹ / ₈	24 ¹ / ₈	9	28 ³ / ₈	1 ³ / ₈	7 ¹ / ₈	⁹ / ₁₆	148	ST80DH	55
80(100)SA27.5	3	31 ⁵ / ₈	22 ⁵ / ₈	5 ¹ / ₈	11 ¹ / ₄	9 ¹ / ₈	7 ¹¹ / ₁₆	3 ³ / ₈	2 ³ / ₈	5 ¹⁵ / ₁₆	7 ¹ / ₂	1 ¹ / ₄	2	10 ³ / ₈	9 ¹ / ₈	5 ¹ / ₈	9 ¹ / ₁₆	⁹ / ₁₆	1 ¹ / ₈	24 ¹ / ₈	9	28 ³ / ₈	1 ³ / ₈	7 ¹ / ₈	⁹ / ₁₆	161	ST80DH	55
80(100)SA25.5	3	32 ⁵ / ₈	22 ⁵ / ₈	5 ¹⁵ / ₁₆	11 ¹ / ₄	9 ¹ / ₈	7 ¹¹ / ₁₆	3 ³ / ₈	2 ³ / ₈	6 ¹ / ₈	8 ¹ / ₄	1 ¹ / ₄	2	11 ¹ / ₄	9 ¹ / ₈	6 ¹ / ₈	9 ³ / ₁₆	⁹ / ₁₆	1 ¹ / ₈	24 ¹ / ₈	9	28 ³ / ₈	1 ³ / ₈	7 ¹ / ₈	⁹ / ₁₆	148	ST100(80)BH	62
80(100)SA27.5	3	32 ⁵ / ₈	22 ⁵ / ₈	5 ¹⁵ / ₁₆	11 ¹ / ₄	9 ¹ / ₈	7 ¹¹ / ₁₆	3 ³ / ₈	2 ³ / ₈	6 ¹ / ₈	8 ¹ / ₄	1 ¹ / ₄	2	11 ¹ / ₄	9 ¹ / ₈	6 ¹ / ₈	9 ³ / ₁₆	⁹ / ₁₆	1 ¹ / ₈	24 ¹ / ₈	9	28 ³ / ₈	1 ³ / ₈	7 ¹ / ₈	⁹ / ₁₆	161	ST100(80)BH	62

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

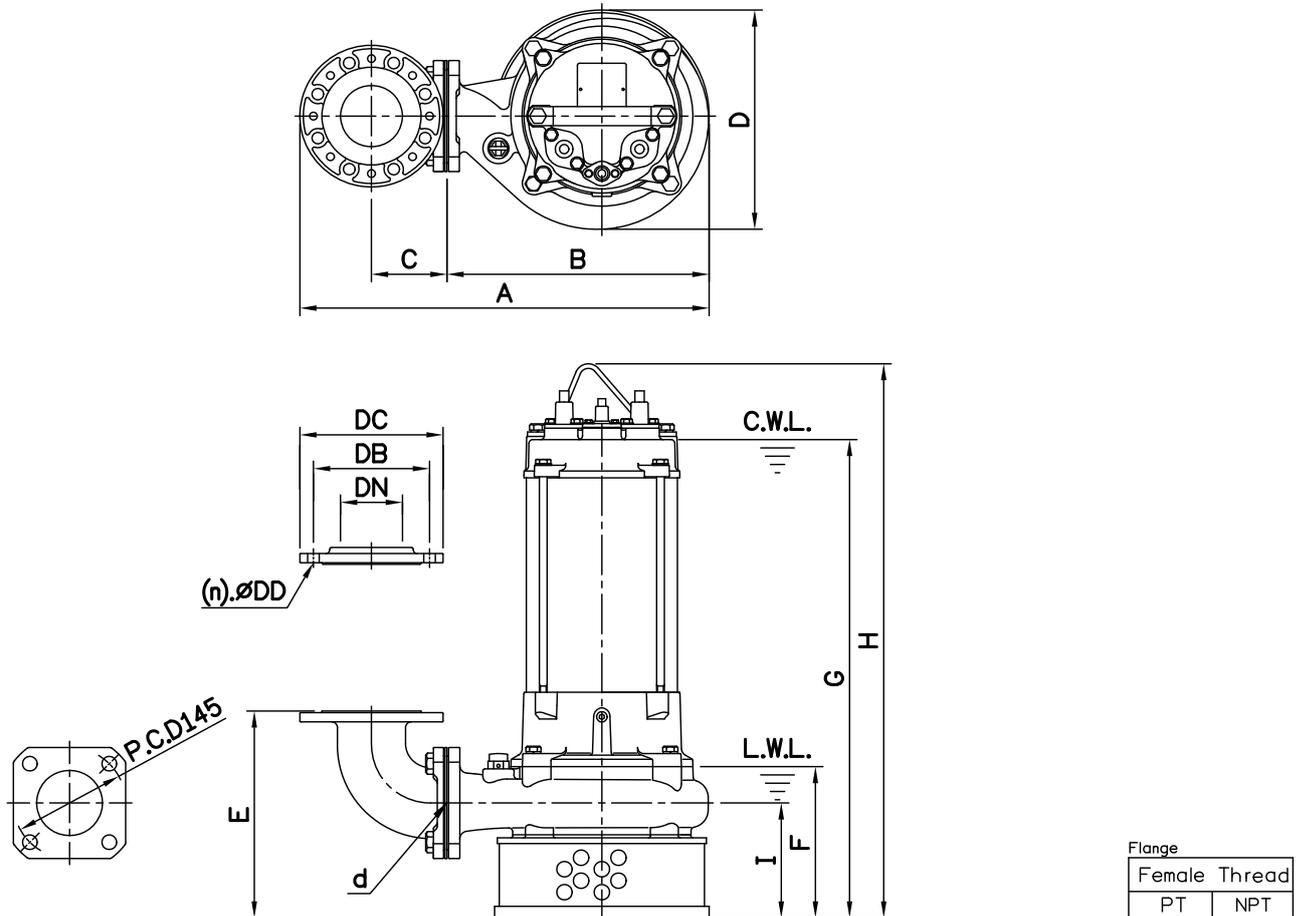
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

DIMENSIONS

NO: S3SA02A1030-00

MODEL: 80(100)SA211

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
80(100)SA211	80	528	338	98	286	271	198	625	724	151	82	ESB3-150K	80	150	185	15	8	7
80(100)SA211	80	556	338	113	286	276	198	625	724	151	82	ESB4-175(145)K	100	175	210	15	8	10

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
80(100)SA211	3	20 ¹³ / ₁₆	13 ³ / ₁₆	3 ⁷ / ₁₆	11 ¹ / ₄	10 ¹ / ₁₆	7 ¹³ / ₁₆	24 ⁵ / ₁₆	28 ¹ / ₂	5 ¹ / ₁₆	181	ESB3-150K	3	5 ¹ / ₁₆	7 ⁵ / ₁₆	3	8	16
80(100)SA211	3	21 ¹ / ₈	13 ³ / ₁₆	4 ¹ / ₁₆	11 ¹ / ₄	10 ⁷ / ₁₆	7 ¹³ / ₁₆	24 ⁵ / ₁₆	28 ¹ / ₂	5 ¹ / ₁₆	181	ESB4-175(145)K	4	6 ⁷ / ₁₆	8 ¹ / ₄	3	8	21

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

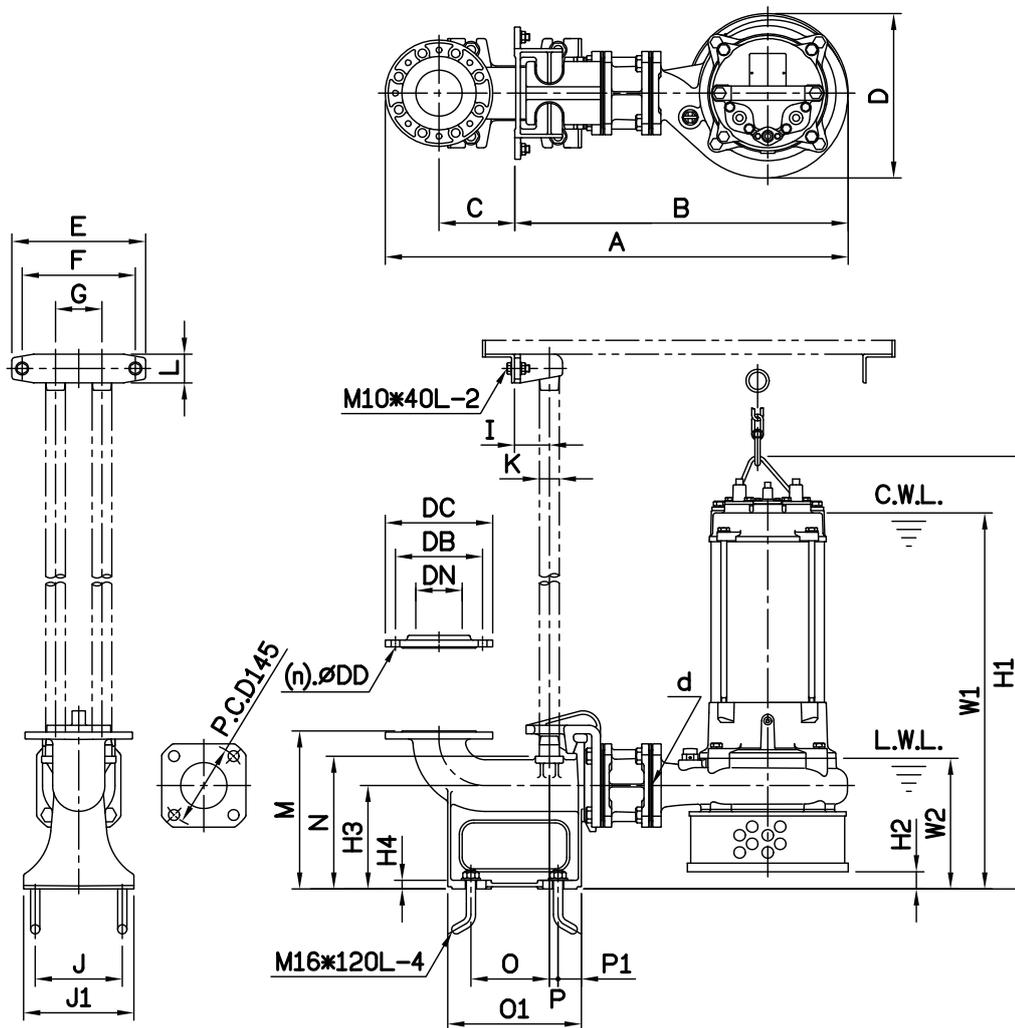
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

NO: T3SA02A1030-00

MODEL: 80(100)SA211

50Hz 3Ø



Flange	
Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
ESF3-150	80	150	185	15	8
ESF4-175	100	175	210	15	8

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
ESF3-150	3	5 ⁹ / ₁₆	7 ⁵ / ₁₆	³ / ₁₆	8
ESF4-175	4	6 ⁷ / ₁₆	8 ¹ / ₄	³ / ₁₆	8

Dimensions-mm

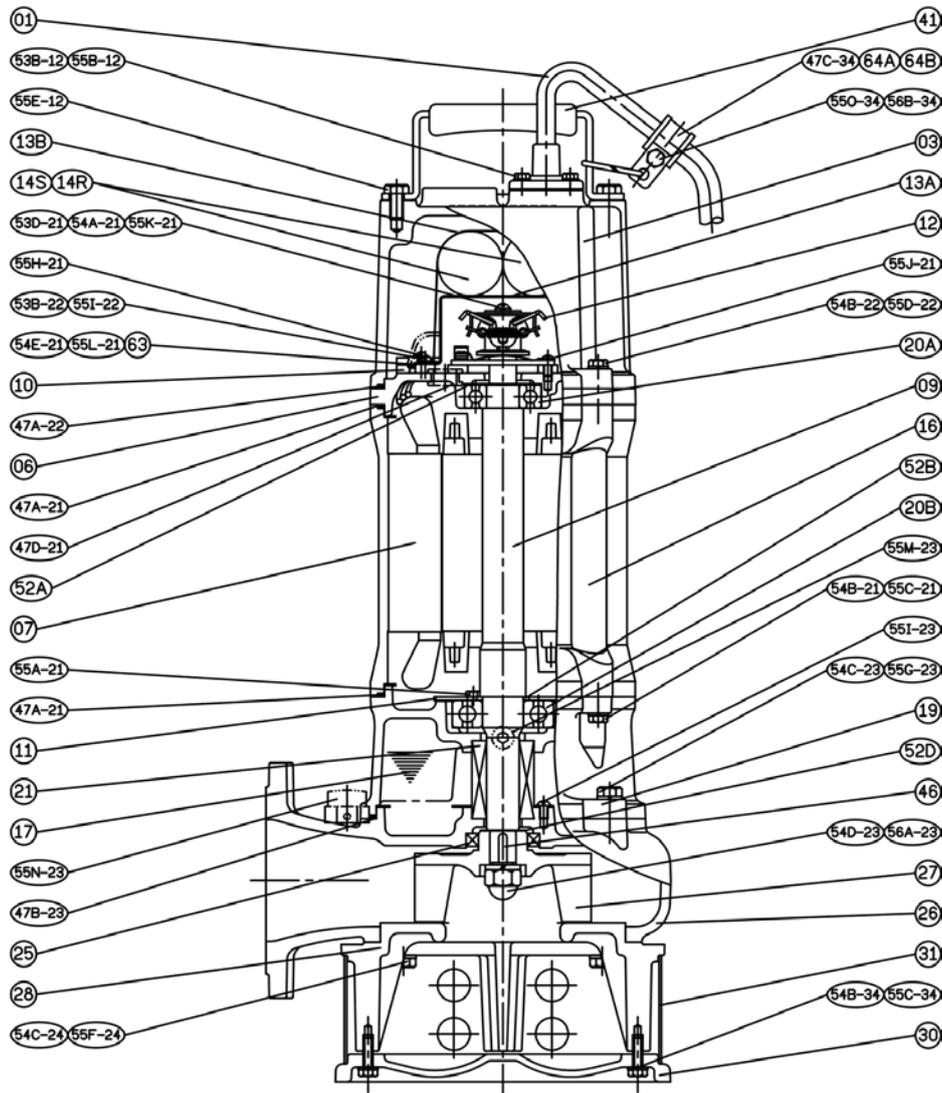
Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	Weight:kg	
																											GRS Set	WT2
80(100)SA211	80	797	574	130	286	230	195	80	60	150	190	1 ¹ / ₄	50	275	231	135	230	15	40	655	228	754	30	180	15	82	ST80DH	25
80(100)SA211	80	829	574	150	286	230	195	80	60	170	210	1 ¹ / ₄	50	285	231	155	250	15	40	655	228	754	30	180	15	82	ST100(80)BH	28

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	Weight:lb	
																											GRS Set	WT2
80(100)SA211	3	31 ³ / ₁₆	22 ⁵ / ₁₆	5 ¹ / ₁₆	11 ¹ / ₄	9 ⁹ / ₁₆	7 ⁷ / ₁₆	3 ³ / ₁₆	2 ³ / ₁₆	5 ¹⁵ / ₁₆	7 ⁷ / ₁₆	1 ¹ / ₄	2	10 ³ / ₁₆	9 ⁹ / ₁₆	5 ⁵ / ₁₆	9 ⁹ / ₁₆	¹ / ₁₆	1 ¹ / ₁₆	25 ³ / ₁₆	9	29 ¹¹ / ₁₆	1 ¹ / ₁₆	7 ⁷ / ₁₆	⁹ / ₁₆	181	ST80DH	55
80(100)SA211	3	32 ⁵ / ₁₆	22 ⁵ / ₁₆	5 ¹⁵ / ₁₆	11 ¹ / ₄	9 ⁹ / ₁₆	7 ⁷ / ₁₆	3 ³ / ₁₆	2 ³ / ₁₆	6 ¹ / ₁₆	8 ⁷ / ₁₆	1 ¹ / ₄	2	11 ¹ / ₄	9 ⁹ / ₁₆	6 ⁶ / ₁₆	9 ¹³ / ₁₆	⁹ / ₁₆	1 ¹ / ₁₆	25 ¹ / ₁₆	9	29 ¹¹ / ₁₆	1 ¹ / ₁₆	7 ⁷ / ₁₆	⁹ / ₁₆	181	ST100(80)BH	62

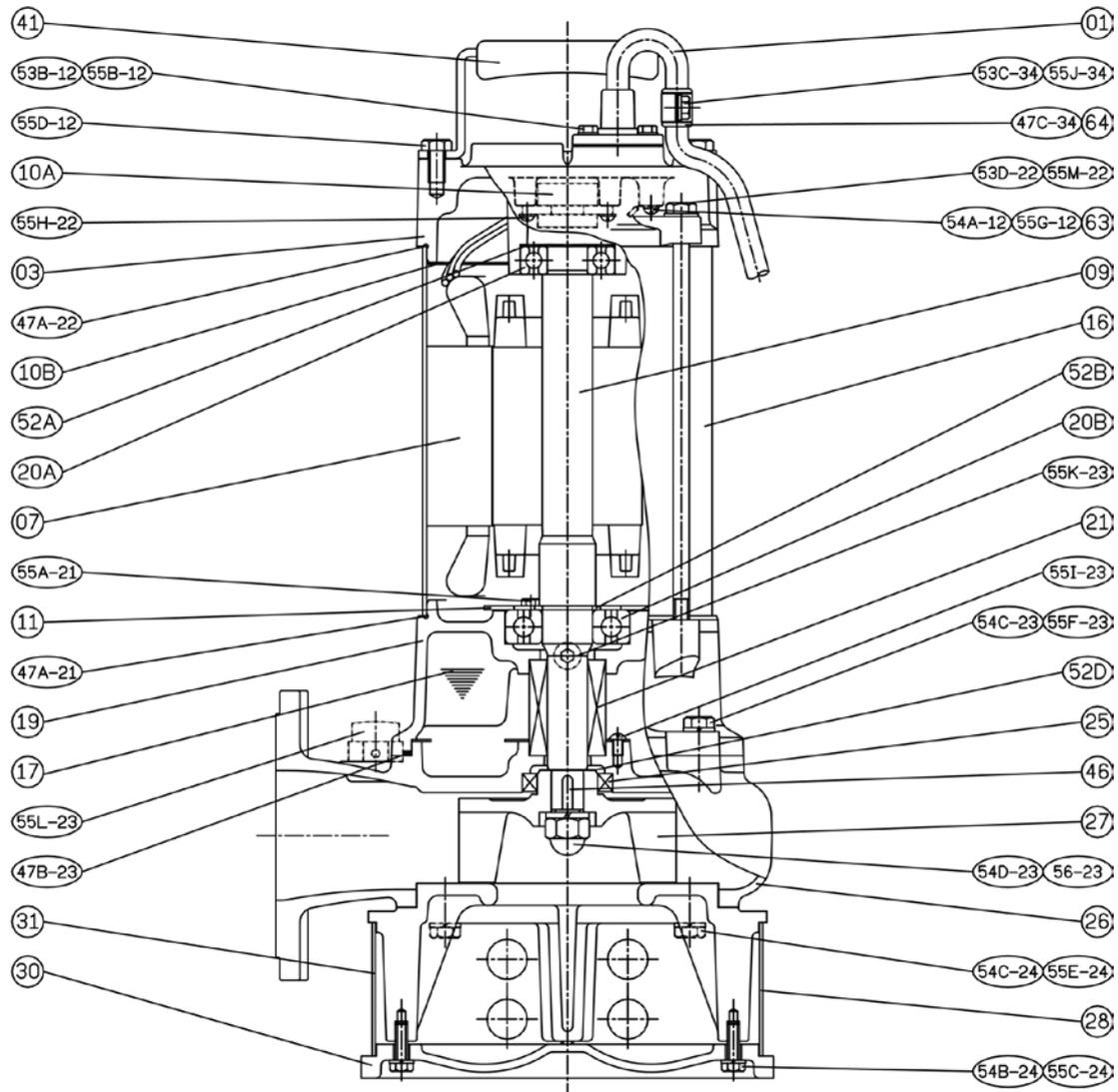
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level

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



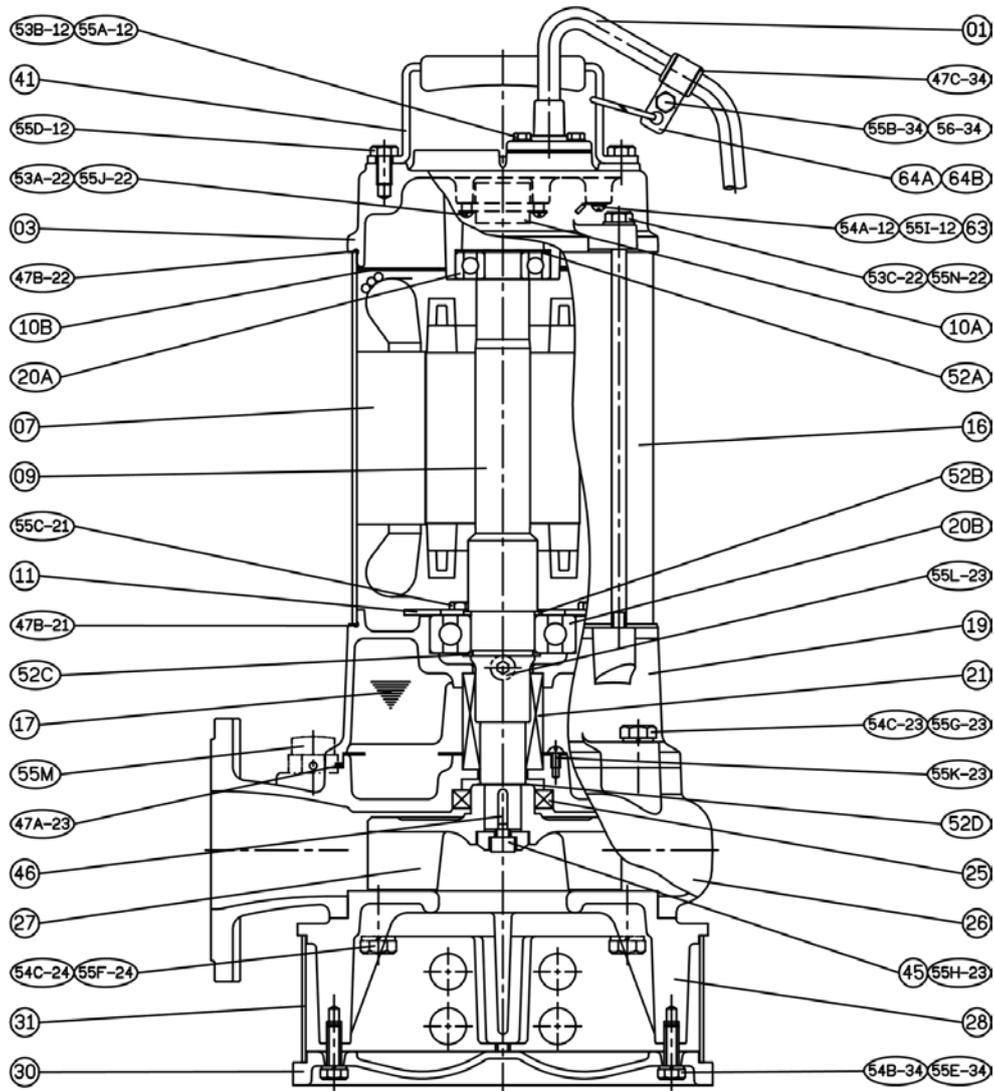
NO.	Part name	Material	QTY
01	Cable		1
03	Upper Cover	SCS14	1
06	Bracket	SCS14	1
07	Stator		1
09	Shaft End	SUS316	1
10	Auto-cut Protector		1
11	Bearing Fixer	SPCC	1
12	Centrifugal Switch		1
14R	Capacitor		1
14S	Start Capacitor		1
16	Motor Frame	SUS316	1
17	Lubricant		
19	Bearing Bracket	SCS14	1
20A	Bearing		1

NO.	Part name	Material	QTY
20B	Bearing		1
21	M. Seal	CA/CE & SiC/SiC	1
25	Oil Seal	VITON	1
26	Casing	SCS14	1
27	Impeller	SCS14	1
28	Casing Cover	SCS14	1
30	Footing	SCS14	1
31	Strainer	SUS316	1
41	Handle	SUS304	1
46	Impeller Key	SUS304	1
47	Gasket Kit		



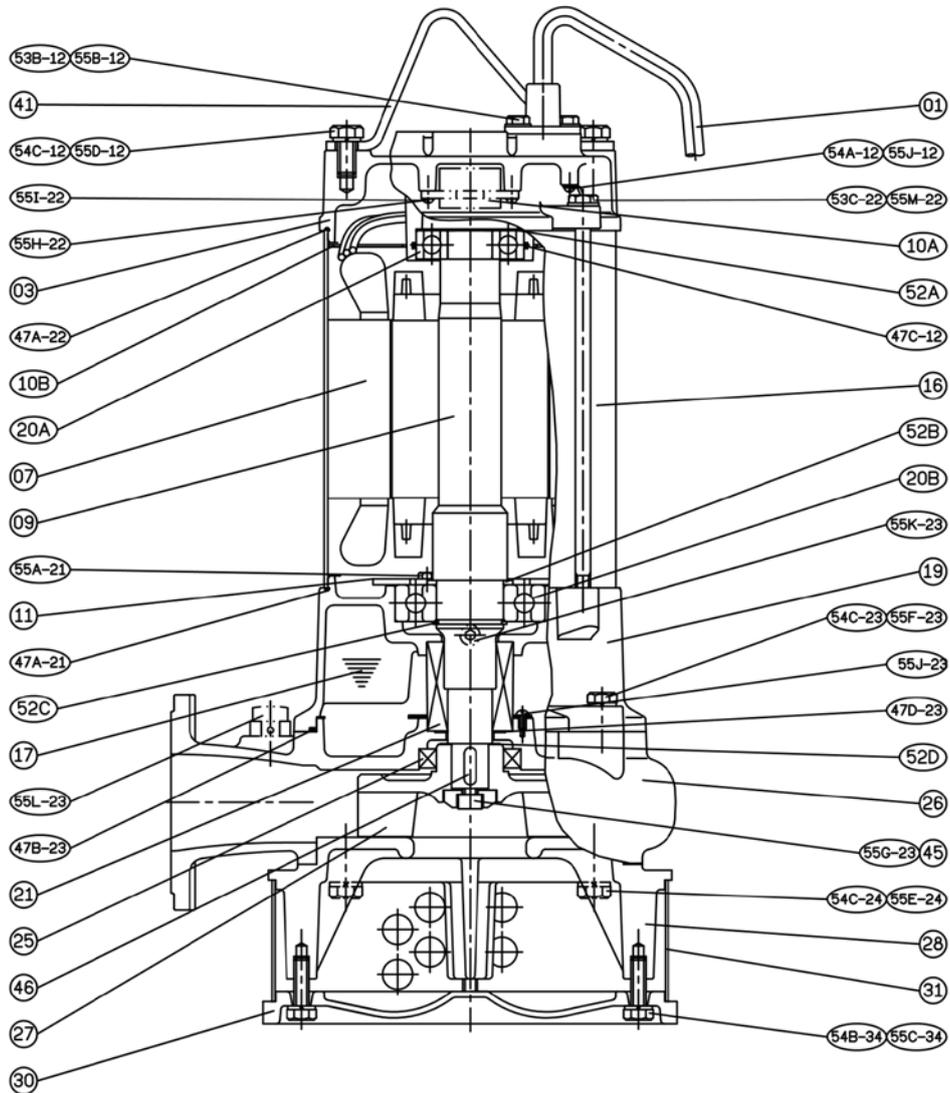
NO.	Part name	Material	QTY
01	Cable		1
03	Upper Cover	SCS14	1
07	Stator		1
09	Shaft End	SUS316	1
10A	Auto-cut Protector		1
10B	Protective Plate		1
11	Bearing Fixer	SPCC	1
16	Motor Frame	SUS316	1
17	Lubricant		
19	Bearing Bracket	SCS14	1
20A	Bearing		1
20B	Bearing		1
21	M. Seal	CA/CE & SiC/SiC	1
23	M.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

NO.	Part name	Material	QTY
25	Oil Seal	VITON	1
26	Casing	SCS14	1
27	Impeller	SCS14	1
28	Casing Cover	SCS14	1
30	Footing	SCS14	1
31	Strainer	SUS316	1
41	Handle	SUS304	1
46	Impeller Key	SUS304	1
47	Gasket Kit		



NO.	Part name	Material	QTY
01	Cable		1
03	Upper Cover	SCS14	1
07	Stator		1
09	Shaft End	SUS316	1
10A	Auto-cut Protector		1
10B	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	NBR	1
26	Casing	SCS14	1
27	Impeller	SCS14	1
28	Casing Cover	SCS14	1
30	Footing	SCS14	1
31	Strainer	SUS316	1
41	Handle	SUS304	1
46	Impeller Key	SUS304	1
47	Gasket Kit		



NO.	Part name	Material	QTY
01	Cable		1
03	Upper Cover	SCS14	1
07	Stator		1
09	Shaft End	SUS316	1
10A	Auto-cut Protector		1
10B	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
28	Casing Cover	SCS14	1
30	Footing	SCS14	1
31	Strainer	SUS316	1
41	Handle	SUS304	1
46	Impeller Key	SUS304	1
47	Gasket Kit		



Professionalism • Innovation • Service • Commitment

A series of horizontal dotted lines spanning the width of the page, providing a template for handwritten notes or responses.

SF SERIES

SUBMERSIBLE STAINLESS STEEL PUMPS

POWER : 0.5~15HP (0.4~11kW)
MAX.HEAD : 54m (177feet)
MAX.FLOW : 2.3m³/min (138m³/h)



PRODUCT NOMENCLATURE

Example :

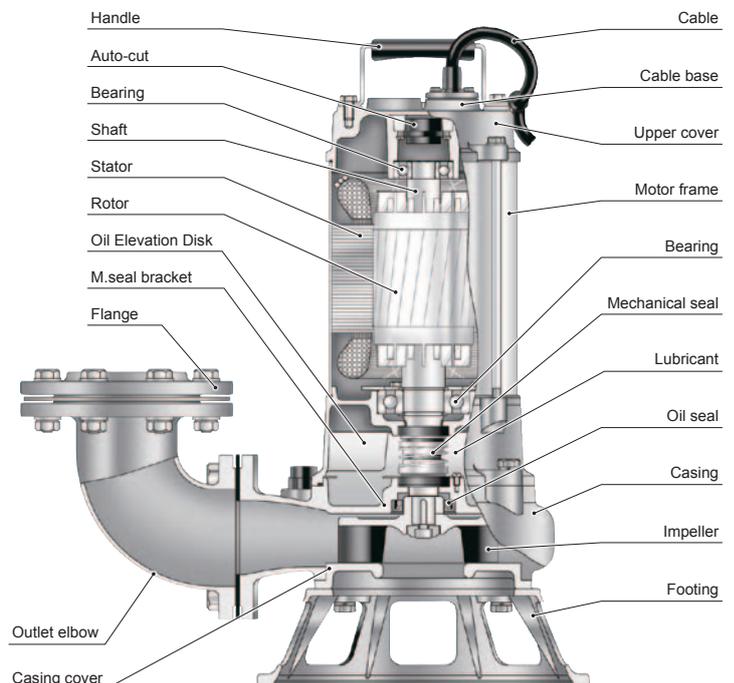
80	SF	P	2	3.7
Discharge mm	Type	Impeller type	Pole	kW

FEATURES

- Precision casting with the use of an advanced stainless investment casting method, produces the highest quality with a smooth surface finish.
- Standard accessories include : cable with an epoxy resin sealed water-resistant cable base, Auto-cut motor protector, dual mechanical seals and seal design.
- Chemically protected Viton O-rings to handle acidic and corrosive fluids.
- Pump hydraulic body made of corrosion resistant SUS316/SCS14 stainless steel material, to handle low pH value chemical media and/or seawater applications.
- Austenitic Stainless Steel(SUS300 series)is used in SF series. SUS316/SCS14 is better than SUS304/SCS13 in water application of light acid-base.
- pH2~10 (As reference at operating temperature range 0 - 40°C)

APPLICATIONS

- Wastewater treatment in food and wine-making industry.
- Wastewater treatment of acid fluid in gold mining, petroleum industry and dyeing industry.
- Chemicals, low pH, corrosive and sea water applications.



SF SERIES SUBMERSIBLE STAINLESS STEEL PUMPS

50SFU2.4A · 50SFU2.8A

SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Corrosive · Food · Processing Liquids
Type	Frequency	50Hz
	Motor	2P(3000rpm) · Dry Motor
	Insulation	Class B
	Protection	IP68
	Protector	Auto-cut (0.5HP 1Ø:Thermal)
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Vortex
Material	Upper Cover	SCS14
	Motor Frame	SUS316
	Shaft	SUS316
	M.seal	CA/CE & SiC/SiC
	Casing	SCS14
	Impeller	SCS14
	Cable	VCT or H07RN-F or SJOW/SOW
	Optional	-



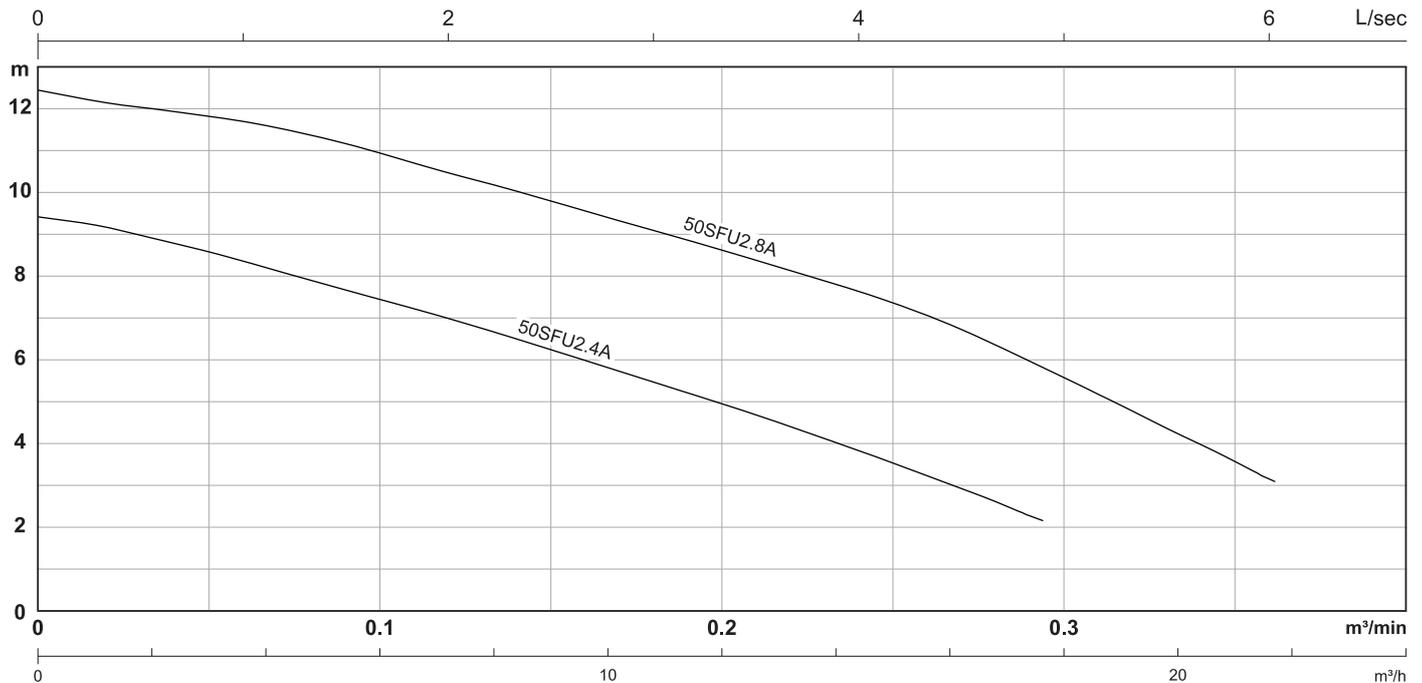
U Type Vortex Impeller



50SFU2.4A
50SFU2.8A

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase Voltage	1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
			m-m³/min	m-m³/h	m-m³/min	m-m³/h		1Ø-kg(lbs)	3Ø-kg(lbs)		220V	230V	230V	380V	400V	415V	525V
50SFU2.4A	0.5(0.4)	2"(50)	6-0.15	6-9	9.5-0.32	9.5-19.2	35(1 3/8")	15(33)	14(31)	Full load Ampere	3.4	3.3	2.4	1.4	1.3	1.3	1.1
50SFU2.8A	1(0.75)	2"(50)	8-0.2	8-12	12.5-0.4	12.5-24	35(1 3/8")	16(35)	15(33)		5.4	5.2	3.5	2.0	1.9	1.9	1.5

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min	0.05	0.1	0.15	0.2	0.25	0.3	0.35	Q:L/sec	1	2	3	4	5
			Q:m³/h	3	6	9	12	15	18	21		H:m	8.4	7.0	5.6	3.9
50SFU2.4A	0.5(0.4)	2"(50)	H:m	8.6	7.5	6.3	5.1	3.7	-	-	H:m	8.4	7.0	5.6	3.9	-
50SFU2.8A	1(0.75)	2"(50)	H:m	11.8	11.0	9.8	8.6	7.4	5.6	3.6		11.7	10.4	9.1	7.6	5.6

SF SERIES SUBMERSIBLE STAINLESS STEEL PUMPS

80SFU21.5 · 80SFU22.2 · 80SFU23.7

SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Corrosive · Food · Processing Liquids
Type	Frequency	50Hz
	Motor	2P(3000rpm) · Dry Motor
	Insulation	Class F
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Vortex
Material	Upper Cover	SCS14
	Motor Frame	SUS316
	Shaft	SUS316
	M.seal	CA/CE & SiC/SiC
	Casing	SCS14
	Impeller	SCS14
	Cable	VCT or H07RN-F or SJOW/SOW
	Optional	—



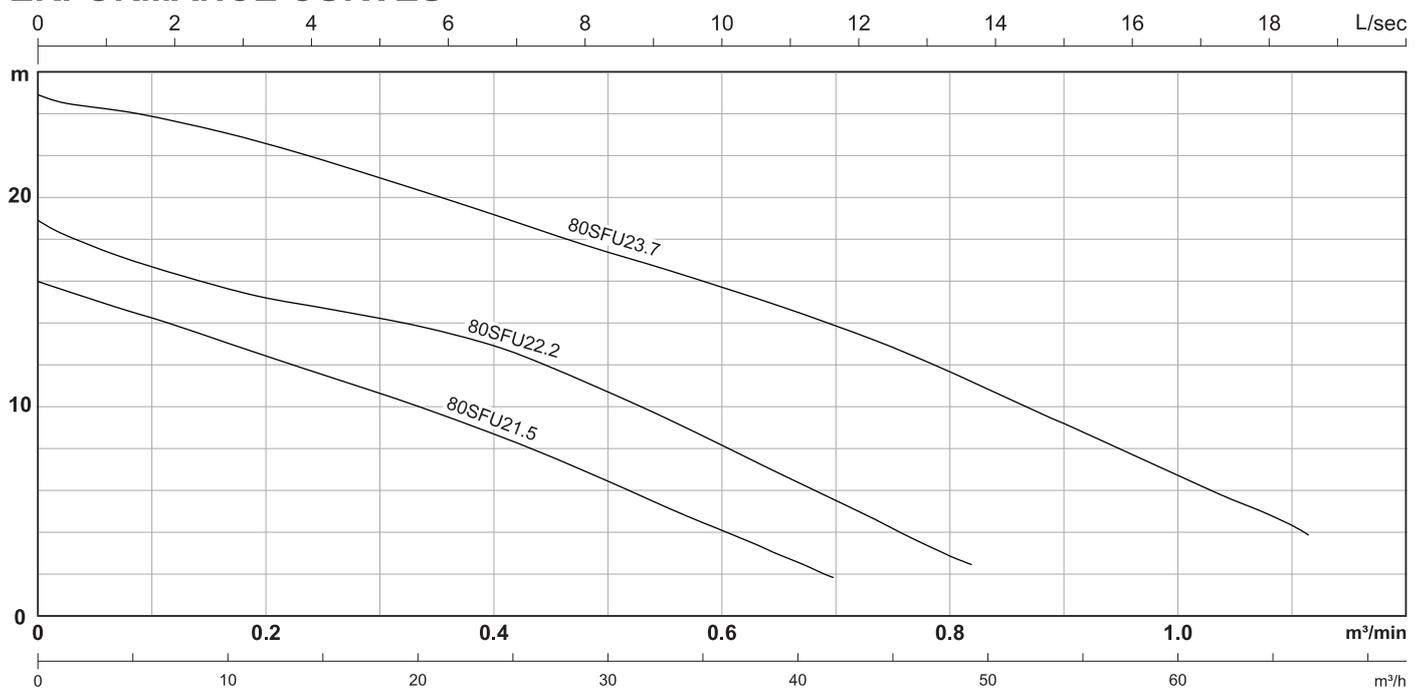
U Type Vortex Impeller



80SFU21.5 · 80SFU22.2 · 80SFU23.7

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase	Voltage						
			m-m³/min	m-m³/h	m-m³/min	m-m³/h		1Ø-kg(lbs)	3Ø-kg(lbs)		220V	230V	230V	380V	400V	415V	525V
80SFU21.5	2(1.5)	3"(80)	8.5-0.4	8.5-24	16-0.75	16-45	50(2")	30.5(67)	26.5(58)	Full load Ampere	10.2	10.0	6.2	3.6	3.4	3.4	2.7
80SFU22.2	3(2.2)	3"(80)	13-0.4	13-24	19-0.85	19-51	50(2")	34(75)	29(64)		15.0	14.6	8.8	5.0	4.8	4.8	3.8
80SFU23.7	5(3.7)	3"(80)	17.5-0.5	17.5-30	25-1.15	25-69	50(2")	—	40(88)		—	—	14.2	8.2	7.8	7.8	6.2

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min								Q:L/sec	H:m							
			0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0		2	4	6	8	10	12	14	16
80SFU21.5	2(1.5)	3"(80)	14.0	12.3	10.6	8.6	6.4	4.2	—	—	13.6	11.7	9.4	6.9	4.2	—	—	—	
80SFU22.2	3(2.2)	3"(80)	16.6	15.2	14.3	12.9	11.0	8.5	3.0	—	16.4	14.8	13.4	11.4	8.5	5.3	—	—	
80SFU23.7	5(3.7)	3"(80)	23.9	22.4	20.9	19.3	17.6	15.8	11.7	7.0	23.6	21.8	20.0	18.0	15.8	13.4	10.8	8.0	

SF SERIES SUBMERSIBLE STAINLESS STEEL PUMPS

80SFU25.5 · 80SFU27.5 · 80SFU211

SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Corrosive · Food · Processing Liquids
Type	Frequency	50Hz
	Motor	2P(3000rpm) · Dry Motor
	Insulation	Class H
	Protection	IP68
	Protector	Auto-cut(7.5~10HP) · MTS & MS(15HP)
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Vortex
Material	Upper Cover	SCS14
	Motor Frame	SUS316
	Shaft	SUS316(7.5~10HP) · SUS630(15HP)
	M.seal	CA/CE & SiC/SiC
	Casing	SCS14
	Impeller	SCS14
	Cable	VCT or H07RN-F or SOW
Optional	-	



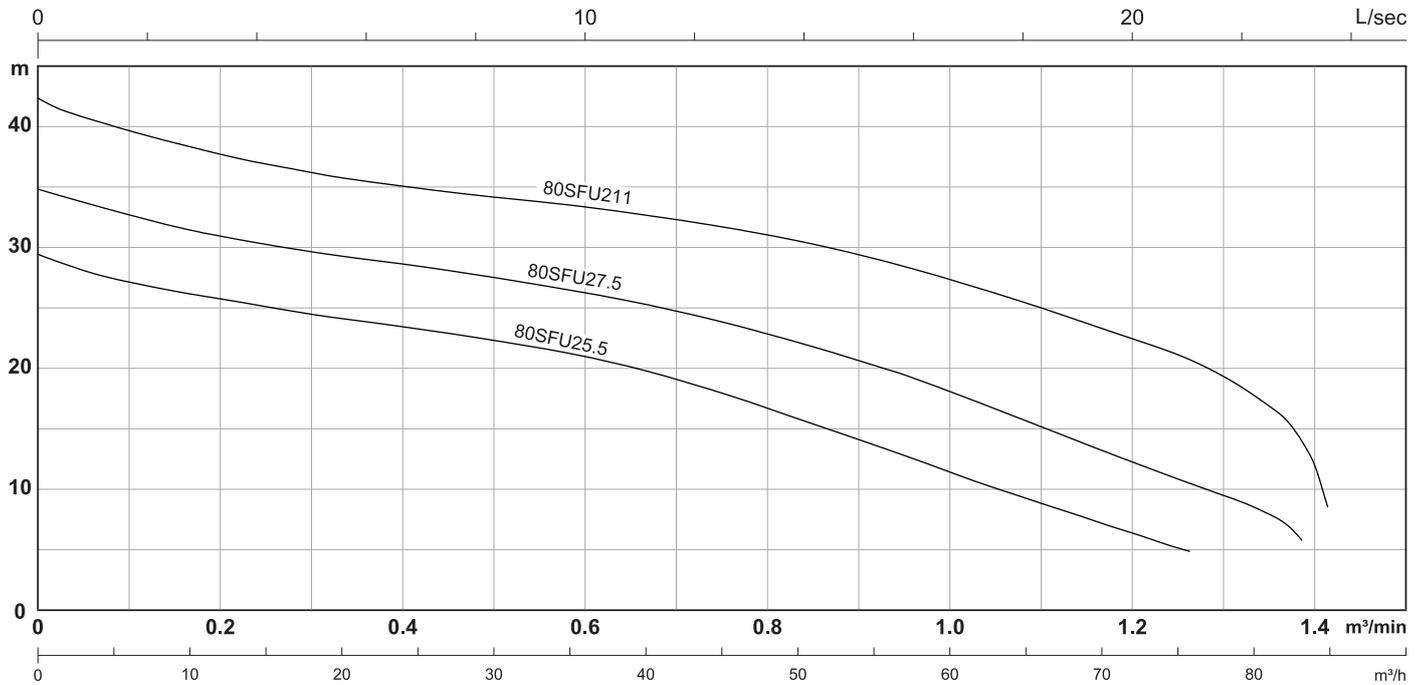
U Type Vortex Impeller



80SFU25.5 · 80SFU27.5 · 80SFU211

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase	Voltage						
			m-m ³ /min	m-m ³ /h	m-m ³ /min	m-m ³ /h		1Ø-kg(lbs)	3Ø-kg(lbs)		Voltage	220V	230V	230V	380V	400V	415V
80SFU25.5	7.5(5.5)	3"(80)	21-0.6	21-36	29.5-1.3	29.5-78	50(2")	-	61(134)	Full load Ampere	-	-	20.6	11.7	11.4	11.4	9.1
80SFU27.5	10(7.5)	3"(80)	26-0.6	26-36	35-1.45	35-87	50(2")	-	67(148)		-	-	27.6	15.7	15.2	15.2	12.2
80SFU211	15(11)	3"(80)	33-0.6	33-36	42.5-1.5	42.5-90	50(2")	-	76(168)		-	-	39.0	22.2	21.6	21.6	17.3

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m ³ /min									Q:L/sec	H:m							
			0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.2	2		4	6	8	10	12	16	20	
80SFU25.5	7.5(5.5)	3"(80)	27.6	26.1	24.8	23.6	21.2	17.0	11.8	6.6	27.3	25.6	24.0	22.6	21.2	18.8	13.0	6.6		
80SFU27.5	10(7.5)	3"(80)	33.0	31.6	30.1	28.8	26.5	23.4	18.7	13.0	32.7	31.0	29.4	27.8	26.5	24.8	19.8	13.0		
80SFU211	15(11)	3"(80)	40.0	38.5	37.0	35.6	33.0	31.0	27.2	22.8	39.6	37.9	36.1	34.6	33.0	32.0	28.2	22.8		

SF SERIES SUBMERSIBLE STAINLESS STEEL PUMPS

80SFP21.5 · 80SFP22.2 · 80SFP23.7

SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Corrosive · Food · Processing Liquids
Type	Frequency	50Hz
	Motor	2P(3000rpm) · Dry Motor
	Insulation	Class F
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Open
Material	Upper Cover	SCS14
	Motor Frame	SUS316
	Shaft	SUS316
	M.seal	CA/CE & SIC/SiC
	Casing	SCS14
	Impeller	SCS14
	Cable	VCT or H07RN-F or SJOW/SOW
	Optional	—



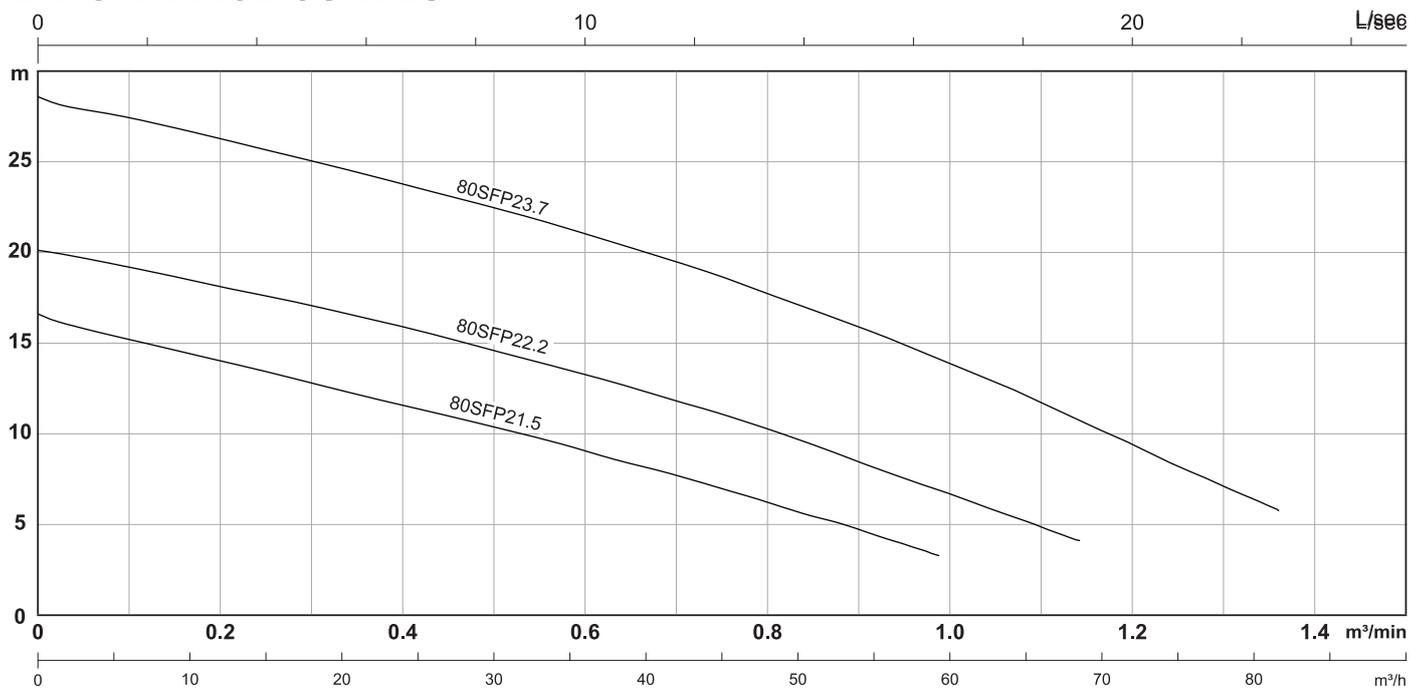
P Type Open Impeller



80SFP21.5 · 80SFP22.2 · 80SFP23.7

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase	Voltage						
			m-m ³ /min	m-m ³ /h	m-m ³ /min	m-m ³ /h		1Ø-kg(lbs)	3Ø-kg(lbs)		220V	230V	230V	380V	400V	415V	525V
80SFP21.5	2(1.5)	3"(80)	8.5-0.6	8.5-36	16.5-1.05	16.5-63	35(1 3/8")	32.5(72)	28.5(63)	Full load Ampere	10.2	10.0	6.2	3.6	3.4	3.4	2.7
80SFP22.2	3(2.2)	3"(80)	12.5-0.6	12.5-36	20-1.15	20-69	35(1 3/8")	36.5(80)	31.5(69)		15.0	14.6	8.8	5.0	4.8	4.8	3.8
80SFP23.7	5(3.7)	3"(80)	20.5-0.6	20.5-36	28.5-1.4	28.5-84	32(1 1/4")	—	43(95)		—	—	14.2	8.2	7.8	7.8	6.2

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m ³ /min										Q:L/sec							
			0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.2	2	4	6	8	10	12	14	16		
80SFP21.5	2(1.5)	3"(80)	15.2	14.0	12.8	11.6	9.0	6.2	—	—	H:m	15.0	13.6	12.0	10.6	9.0	7.4	5.7	3.8	
80SFP22.2	3(2.2)	3"(80)	19.4	18.2	17.0	15.8	13.0	10.2	6.4	—		19.1	17.7	16.2	14.7	13.0	11.4	9.6	7.2	
80SFP23.7	5(3.7)	3"(80)	27.4	26.3	25.1	23.8	21.0	17.8	13.9	9.3		27.2	25.9	24.4	22.8	21.0	19.2	17.1	14.8	

SF SERIES SUBMERSIBLE STAINLESS STEEL PUMPS

80(100)SFP25.5 · 80(100)SFP27.5 · 80(100)SFP211

SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Corrosive · Food · Processing Liquids
Type	Frequency	50Hz
	Motor	2P(3000rpm) · Dry Motor
	Insulation	Class H
	Protection	IP68
	Protector	Auto-cut(7.5~10HP) · MTS & MS(15HP)
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Open
Material	Upper Cover	SCS14
	Motor Frame	SUS316
	Shaft	SUS316(7.5~10HP) · SUS630(15HP)
	M.seal	CA/CE & SiC/SiC
	Casing	SCS14
	Impeller	SCS14
	Cable	VCT or H07RN-F or SOW
Optional	-	



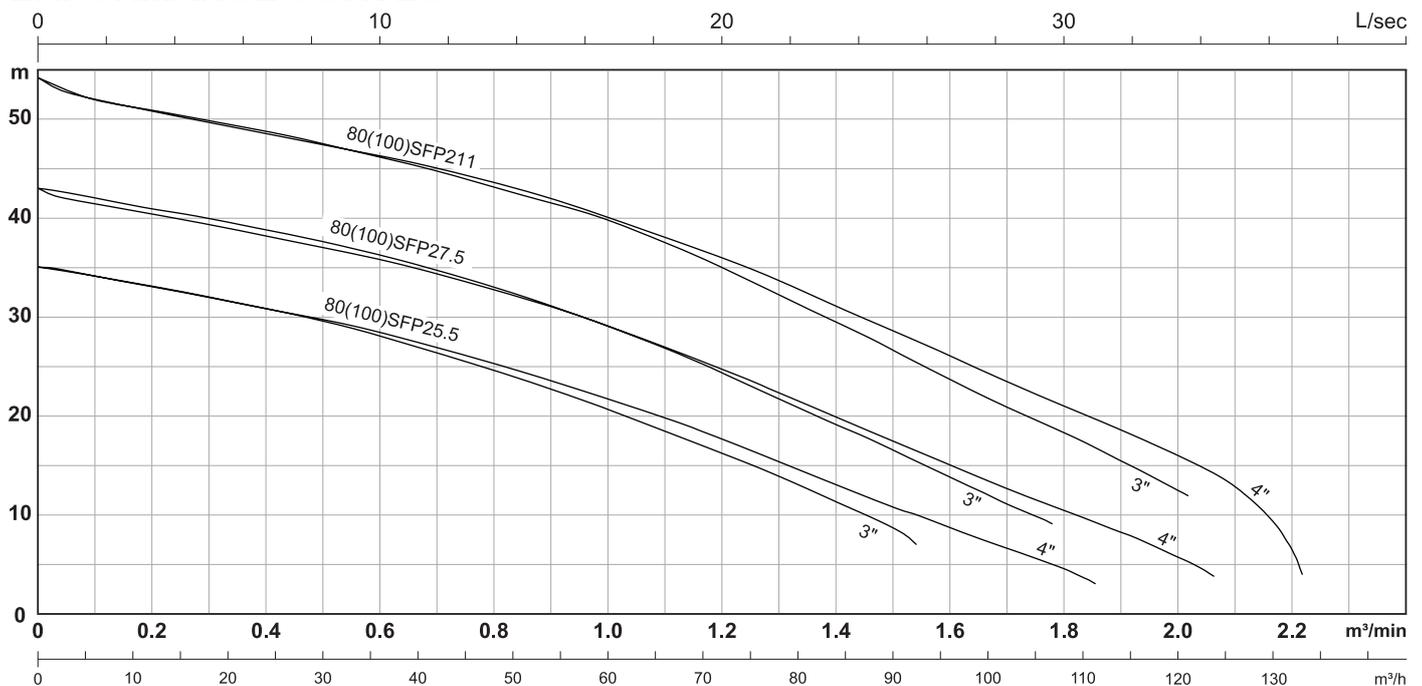
P Type Open Impeller



80(100)SFP25.5 · 80(100)SFP27.5 · 80(100)SFP211

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase Voltage	1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
			m-m ³ /min	m-m ³ /h	m-m ³ /min	m-m ³ /h		1Ø-kg(lbs)	3Ø-kg(lbs)		220V	230V	230V	380V	400V	415V	525V
80(100)SFP25.5	7.5(5.5)	3"(80)	28-0.6	28-36	35-1.6	35-96	30(1 1/8")	-	67(148)	Full load Ampere	-	-	20.6	11.7	11.4	11.4	9.1
		4"(100)	21.5-1.0	21.5-60	35-1.9	35-114	30(1 1/8")	-	67(148)		-	-	20.6	11.7	11.4	11.2	9.1
80(100)SFP27.5	10(7.5)	3"(80)	35.5-0.6	35.5-36	43-1.8	43-108	30(1 1/8")	-	73(161)		-	-	27.6	15.7	15.2	15.2	12.2
		4"(100)	29-1.0	29-60	43-2.1	43-126	30(1 1/8")	-	73(161)		-	-	27.6	15.7	15.2	15.2	12.2
80(100)SFP211	15(11)	3"(80)	46-0.6	46-36	54-2.05	54-123	30(1 1/8")	-	82(181)		-	-	39.0	22.2	21.6	21.6	17.3
		4"(100)	39.5-1.0	39.5-60	54-2.3	54-138	30(1 1/8")	-	82(181)		-	-	39.0	22.2	21.6	21.6	17.3

PERFORMANCE CURVES



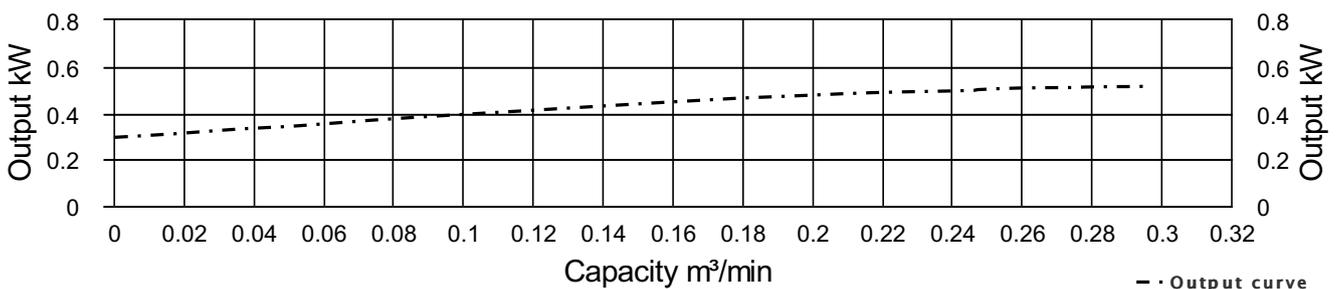
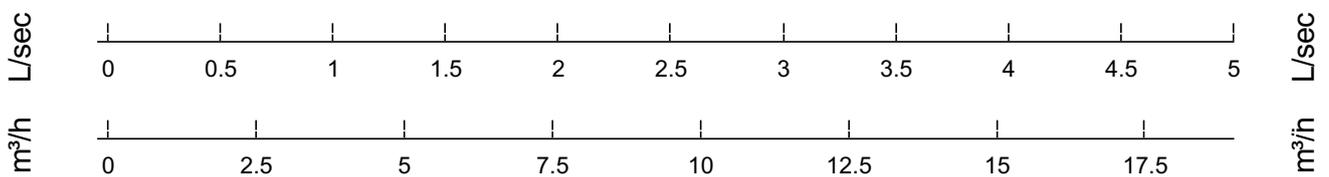
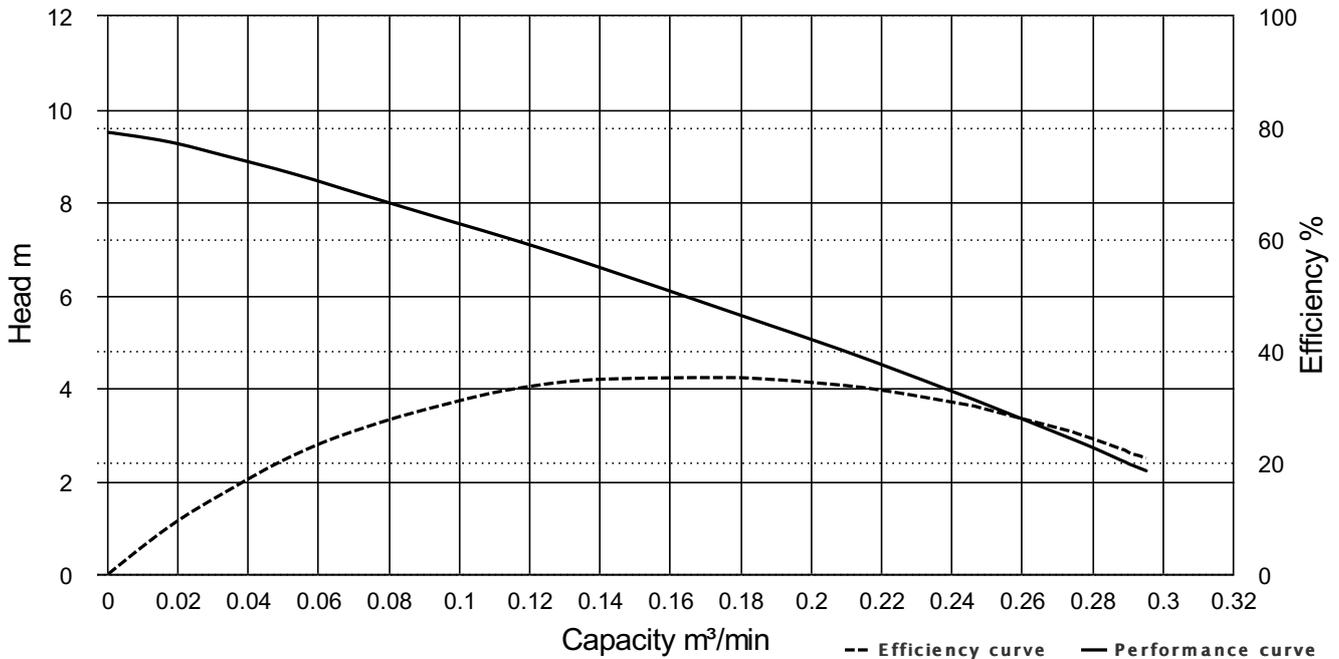
Model	Power HP(kW)	Discharge inch(mm)	Q:m ³ /min Q:m ³ /h	H:m								Q:L/sec	H:m							
				0.2 12	0.4 24	0.6 36	0.8 48	1.0 60	1.2 72	1.6 96	2.0 120		4	8	12	16	20	24	28	32
80(100)SFP25.5	7.5(5.5)	3"(80)	H:m	33.0	30.6	27.8	24.6	20.8	16.4	-	-	H:m	32.5	29.5	26.0	21.7	16.4	10.0	-	
		4"(100)		33.0	30.6	28.0	25.0	21.4	17.2	8.5	-		32.5	29.6	26.3	22.1	17.2	12.1	6.8	-
80(100)SFP27.5	10(7.5)	3"(80)		40.4	38.4	36.0	32.4	28.4	23.9	13.8	-		40.0	37.4	33.9	29.3	23.9	18.0	11.6	-
		4"(100)		40.4	38.3	36.0	32.8	29.1	25.0	15.6	5.6		40.0	37.4	34.2	30.0	25.0	19.5	13.5	7.6
80(100)SFP211	15(11)	3"(80)		52.5	48.9	46.2	42.8	39.2	35.0	23.2	12.7		50.8	47.9	44.2	40.0	35.0	28.5	20.7	14.5
		4"(100)		52.5	48.9	46.3	43.4	40.2	36.2	25.6	15.6		50.8	47.9	44.6	40.9	36.2	30.0	23.2	17.4



HCP PUMP

PUMP PERFORMANCE CURVES

Model	50SFU2.4A				Ver NO.	BA0407	
Frequency / Phase	50 Hz / 1 Ø				REFERENCE SPECIFICATION		
Discharge	2" / 50 mm						
Power	0.5 HP / 0.4 kW						
Std. Head	6 m						
Std. Capacity	0.15 m ³ /min						
Volt	110 V	220 V	230 V	240 V			
Rated Current	6.8 A	3.4 A	3.3 A	3.2 A			
Pole / rpm	2 P / 2780 rpm						
Start Method	CAPACITOR						
Insulation Class	B						



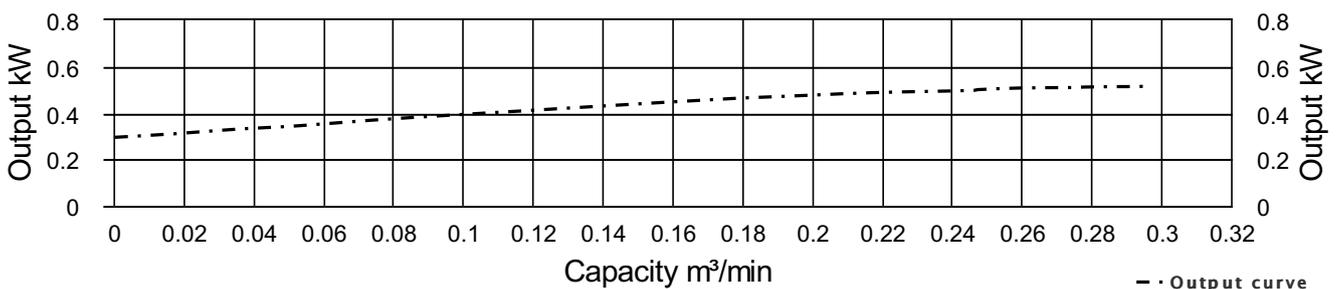
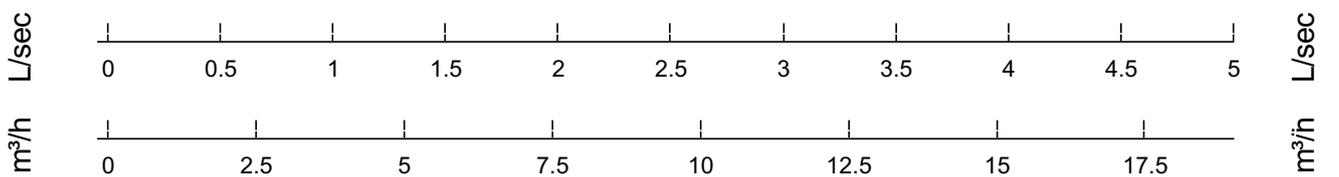
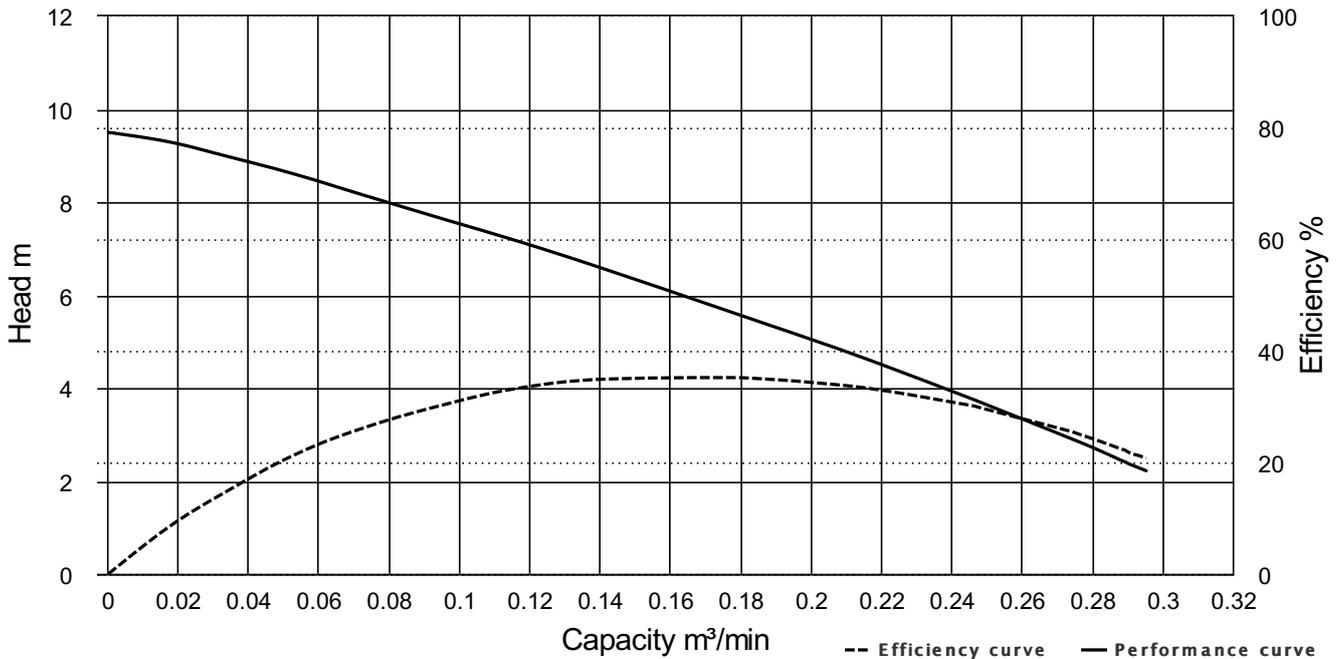
HCP PUMP MANUFACTURER CO., LTD.



HCP PUMP

PUMP PERFORMANCE CURVES

Model	50SFU2.4A					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	2" / 50 mm						
Power	0.5 HP / 0.4 kW						
Std. Head	6 m						
Std. Capacity	0.15 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	2.4 A	1.4 A	1.3 A	1.3 A	1.1 A		
Pole / rpm	2 P / 2780 rpm						
Start Method	DOL						
Insulation Class	B						



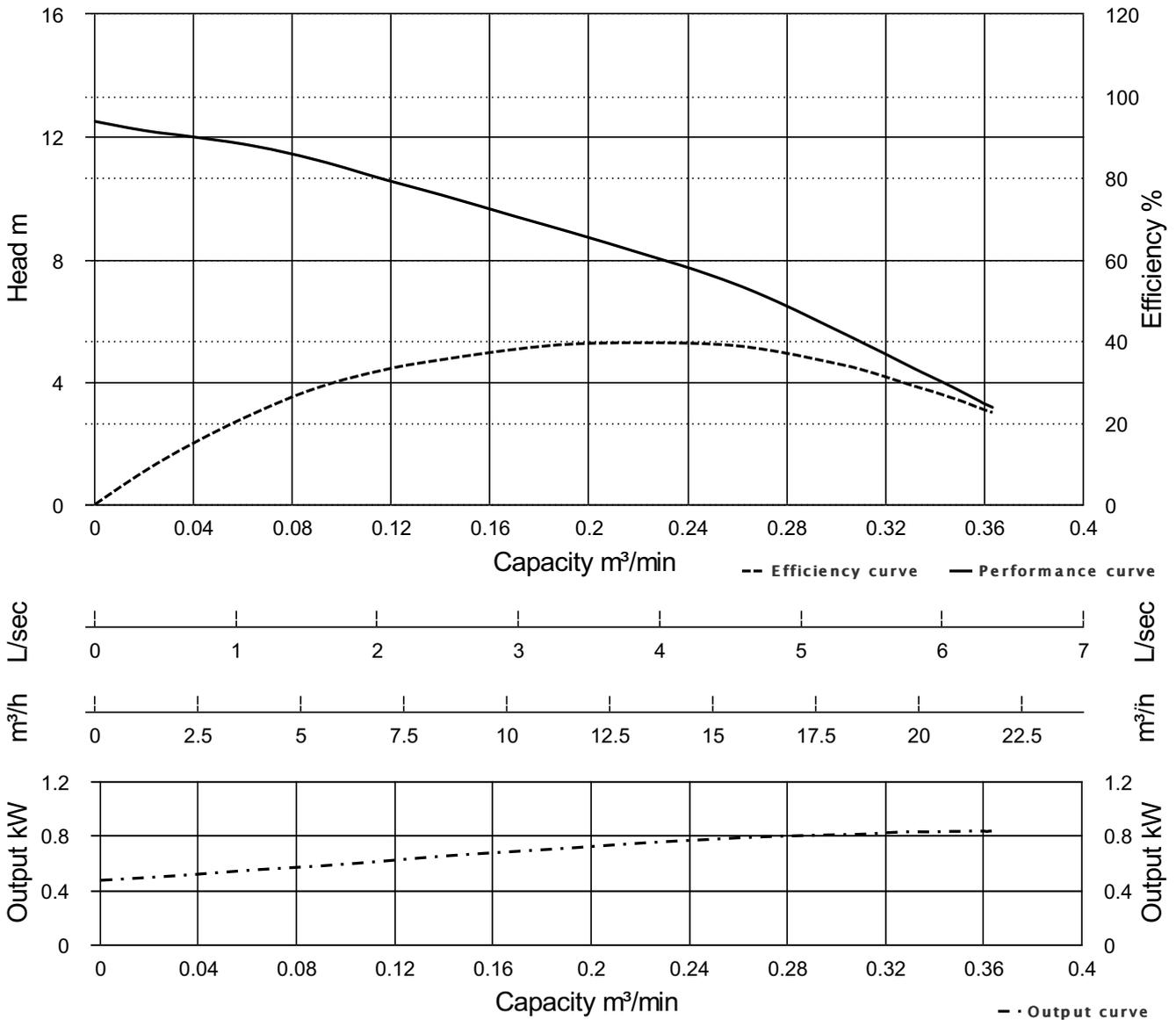
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HCP PUMP

PUMP PERFORMANCE CURVES

Model	50SFU2.8A				Ver NO.	BA0407	
Frequency / Phase	50 Hz / 1 Ø				REFERENCE SPECIFICATION		
Discharge	2" / 50 mm						
Power	1 HP / 0.75 kW						
Std. Head	8 m						
Std. Capacity	0.2 m ³ /min						
Volt	110 V	220 V	230 V	240 V			
Rated Current	10.8 A	5.4 A	5.2 A	5 A			
Pole / rpm	2 P / 2800 rpm						
Start Method	CAPACITOR						
Insulation Class	B						



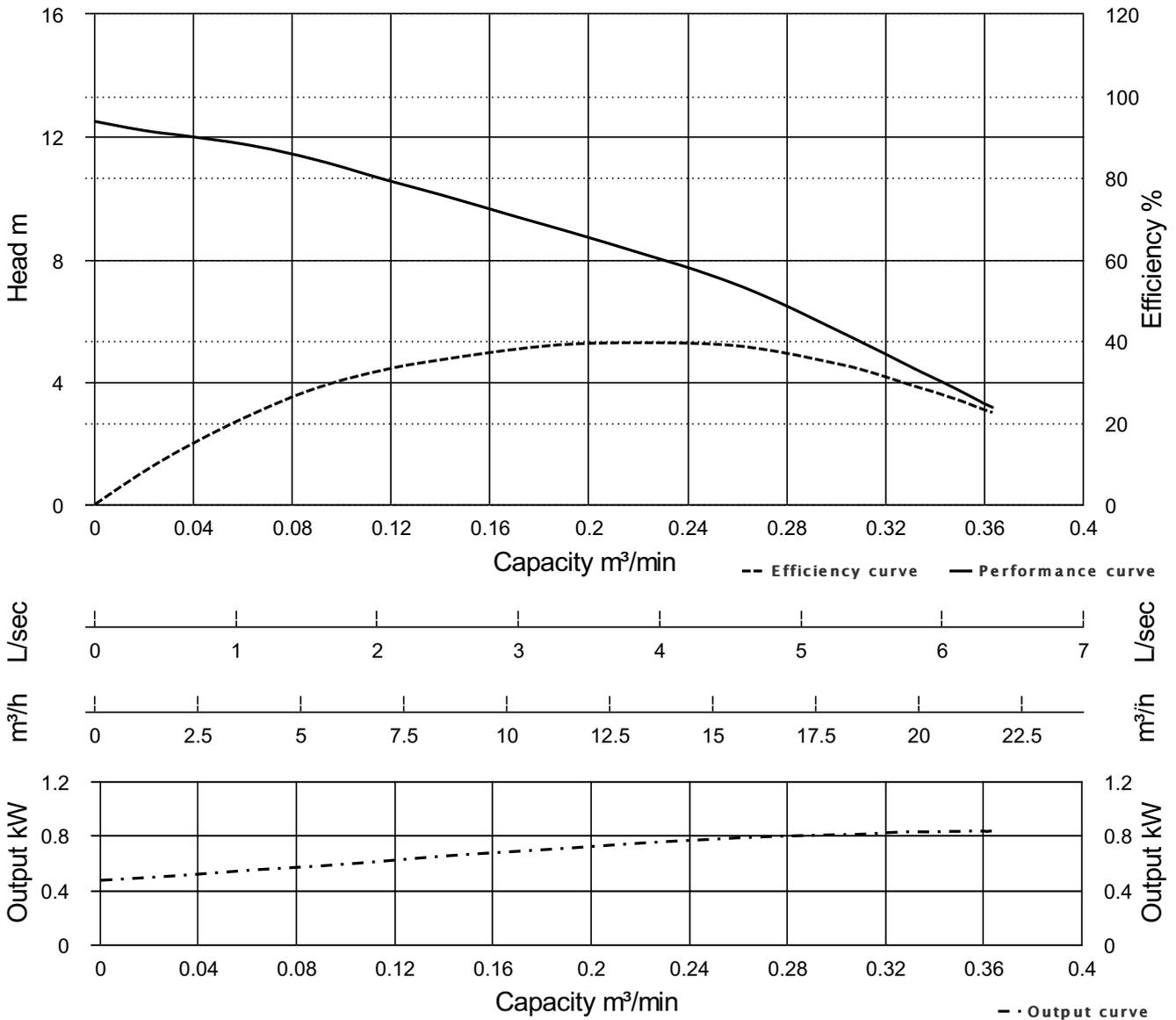
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PUMP PERFORMANCE CURVES

Model	50SFU2.8A					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	2" / 50 mm						
Power	1 HP / 0.75 kW						
Std. Head	8 m						
Std. Capacity	0.2 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	3.5 A	2 A	1.9 A	1.9 A	1.5 A		
Pole / rpm	2 P / 2800 rpm						
Start Method	DOL						
Insulation Class	B						



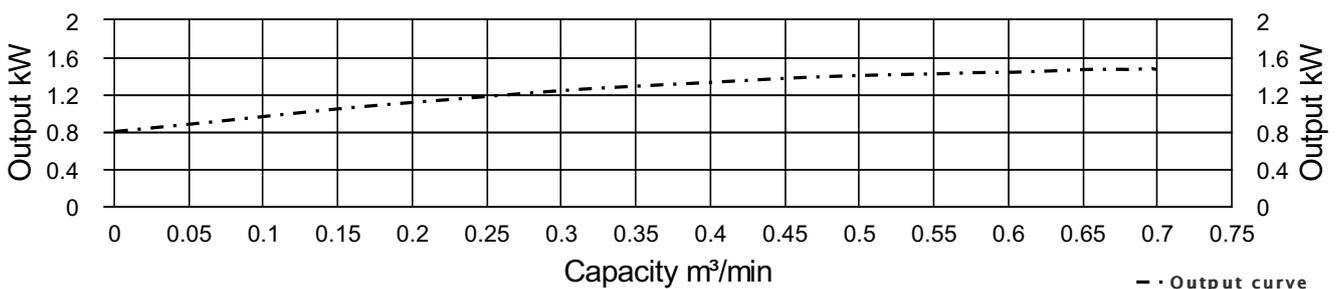
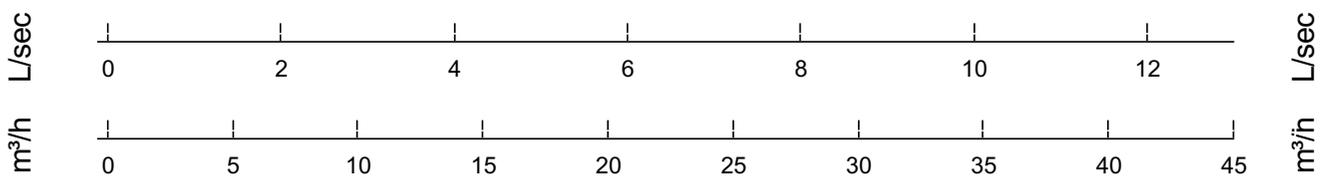
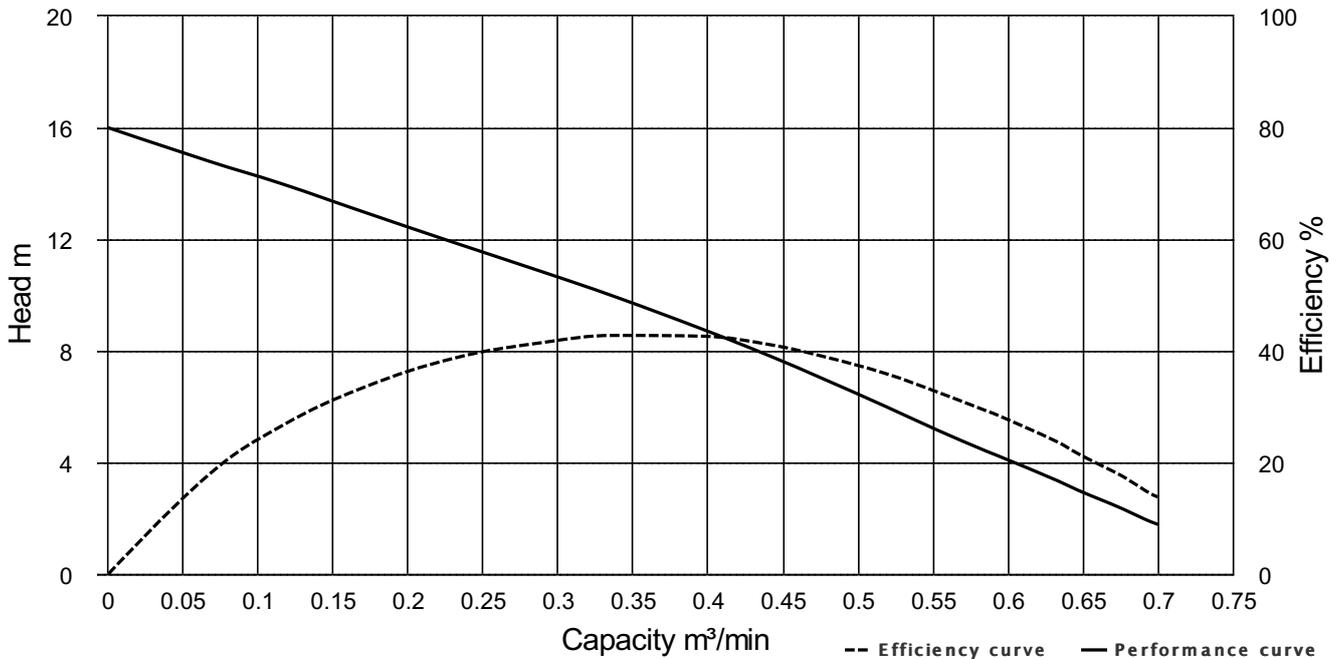
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HCP PUMP

PUMP PERFORMANCE CURVES

Model	80SFU21.5				Ver NO.	BA0407	
Frequency / Phase	50 Hz / 1 Ø				REFERENCE SPECIFICATION		
Discharge	3" / 80 mm						
Power	2 HP / 1.5 kW						
Std. Head	8.5 m						
Std. Capacity	0.4 m ³ /min						
Volt	220 V	230 V	240 V				
Rated Current	10.2 A	10 A	9.8 A				
Pole / rpm	2 P / 2820 rpm						
Start Method	CAPACITOR						
Insulation Class	F						



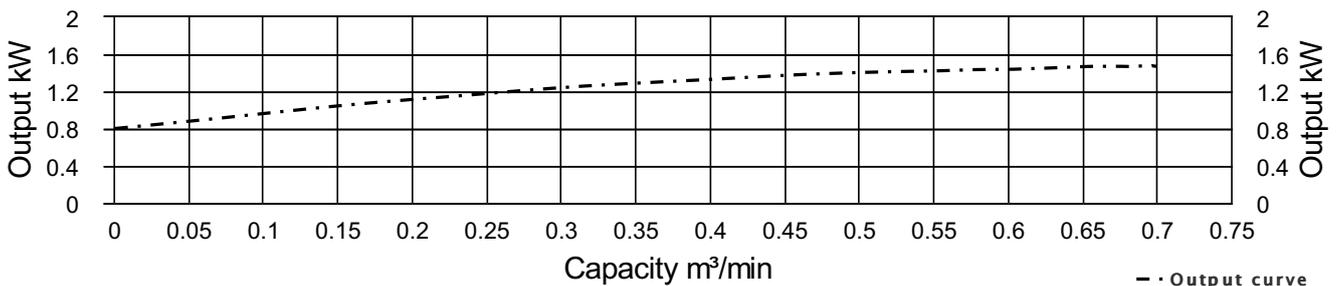
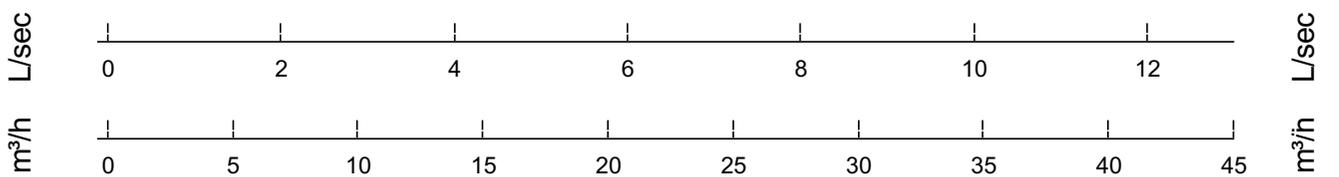
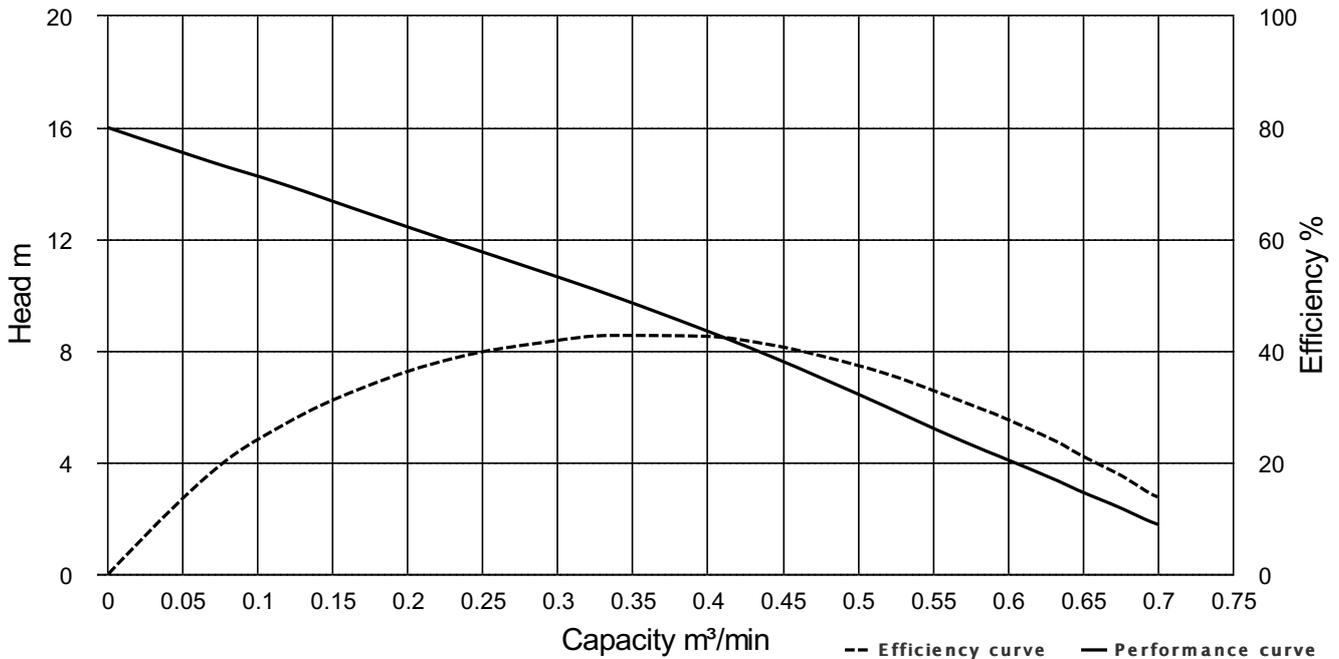
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HCP PUMP

PUMP PERFORMANCE CURVES

Model	80SFU21.5					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	2 HP / 1.5 kW						
Std. Head	8.5 m						
Std. Capacity	0.4 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	6.2 A	3.6 A	3.4 A	3.4 A	2.7 A		
Pole / rpm	2 P / 2820 rpm						
Start Method	DOL						
Insulation Class	F						



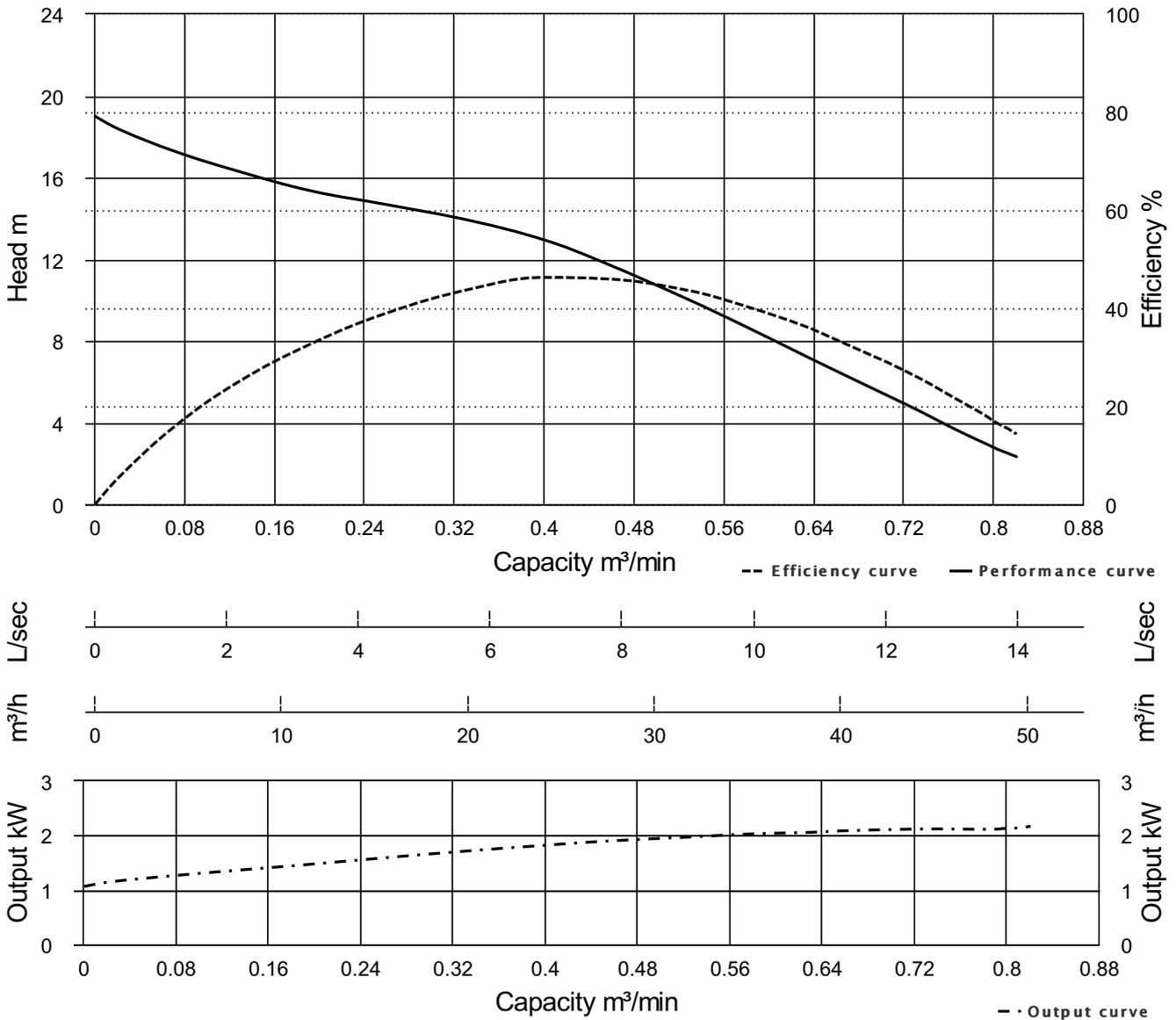
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HCP PUMP

PUMP PERFORMANCE CURVES

Model	80SFU22.2			Ver NO.	BA0407
Frequency / Phase	50 Hz / 1 Ø			REFERENCE SPECIFICATION	
Discharge	3" / 80 mm				
Power	3 HP / 2.2 kW				
Std. Head	13 m				
Std. Capacity	0.4 m ³ /min				
Volt	220 V	230 V	240 V		
Rated Current	15 A	14.6 A	14.4 A		
Pole / rpm	2 P / 2840 rpm				
Start Method	CAPACITOR				
Insulation Class	F				



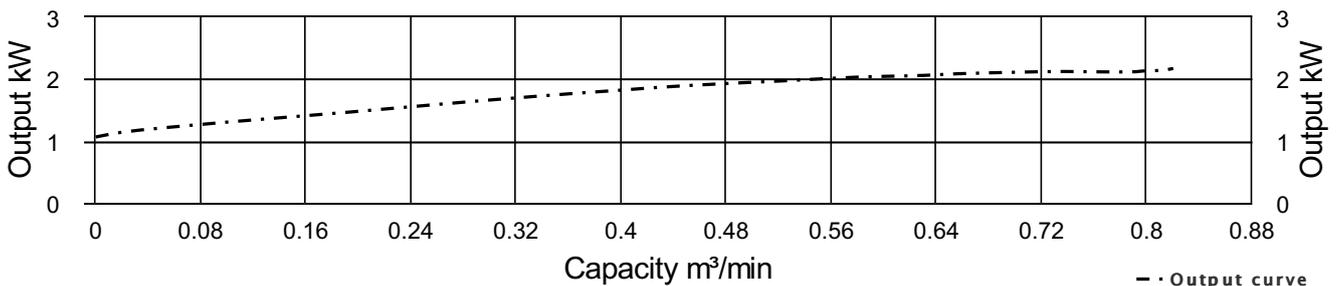
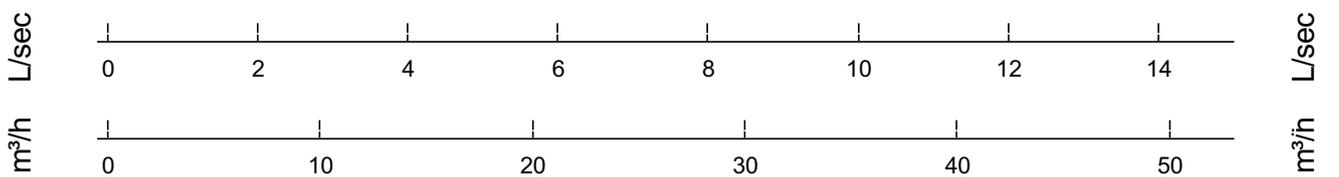
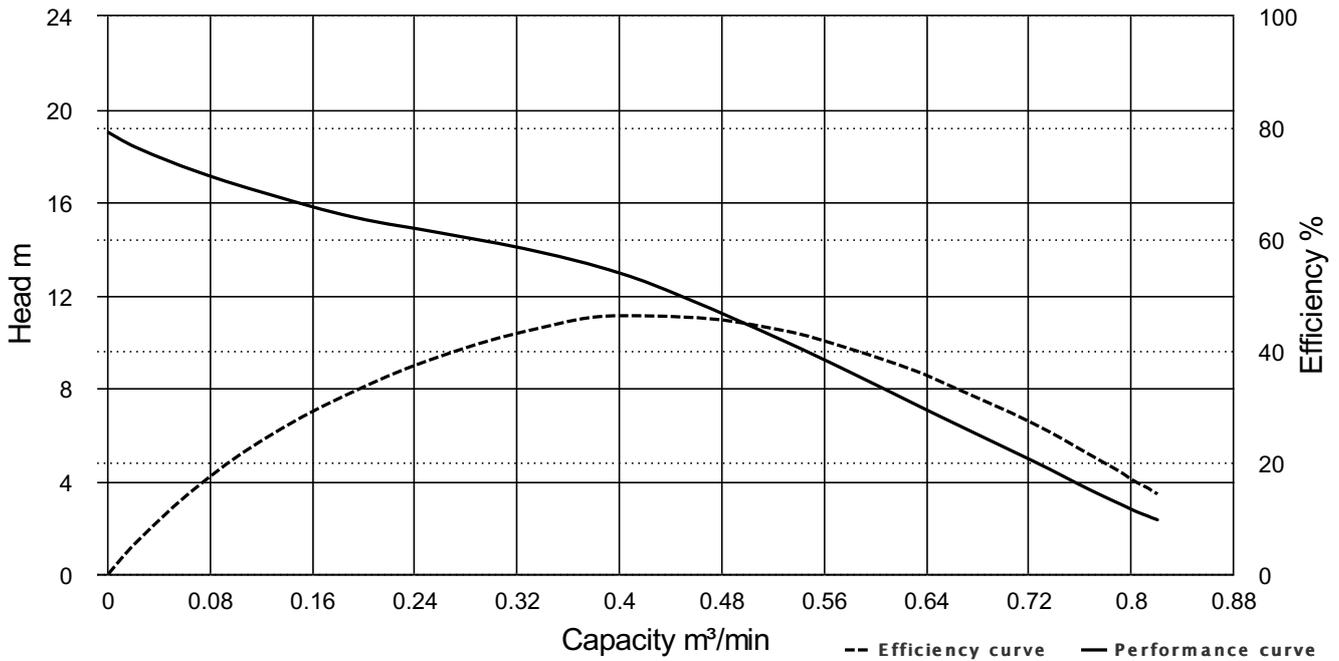
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HCP PUMP

PUMP PERFORMANCE CURVES

Model	80SFU22.2					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	3 HP / 2.2 kW						
Std. Head	13 m						
Std. Capacity	0.4 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	8.8 A	5 A	4.8 A	4.8 A	3.8 A		
Pole / rpm	2 P / 2840 rpm						
Start Method	DOL						
Insulation Class	F						



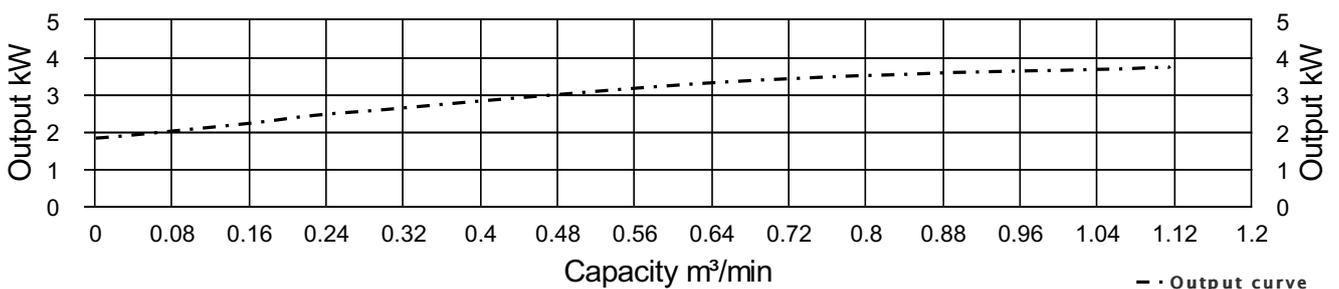
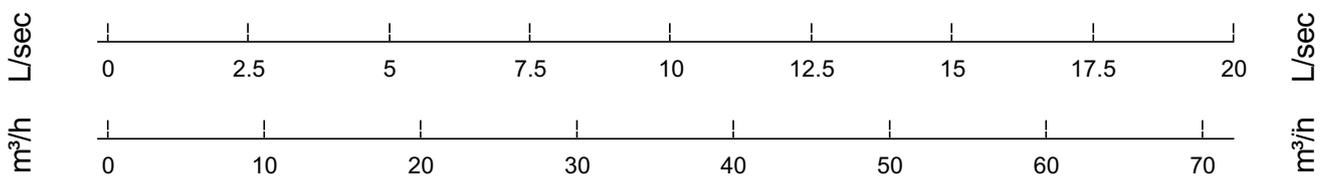
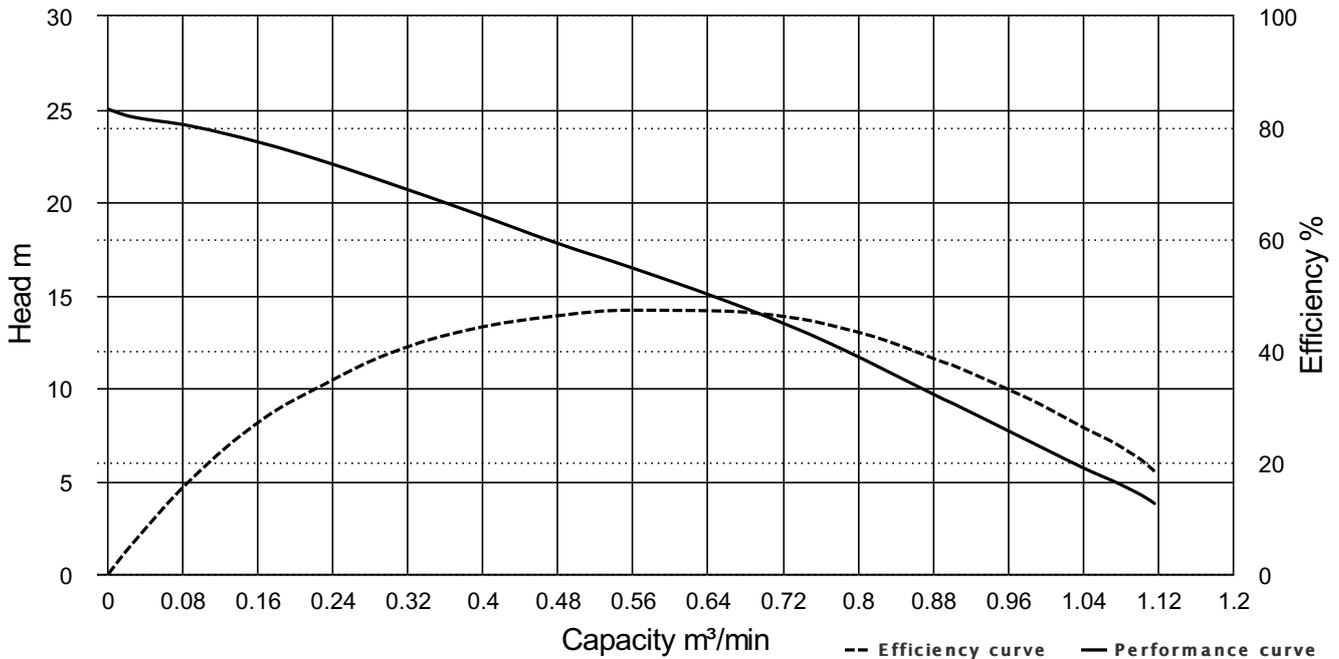
HCP PUMP MANUFACTURER CO., LTD.



HCP PUMP

PUMP PERFORMANCE CURVES

Model	80SFU23.7					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	5 HP / 3.7 kW						
Std. Head	17.5 m						
Std. Capacity	0.5 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	14.2 A	8.2 A	7.8 A	7.8 A	6.2 A		
Pole / rpm	2 P / 2850 rpm						
Start Method	DOL						
Insulation Class	F						



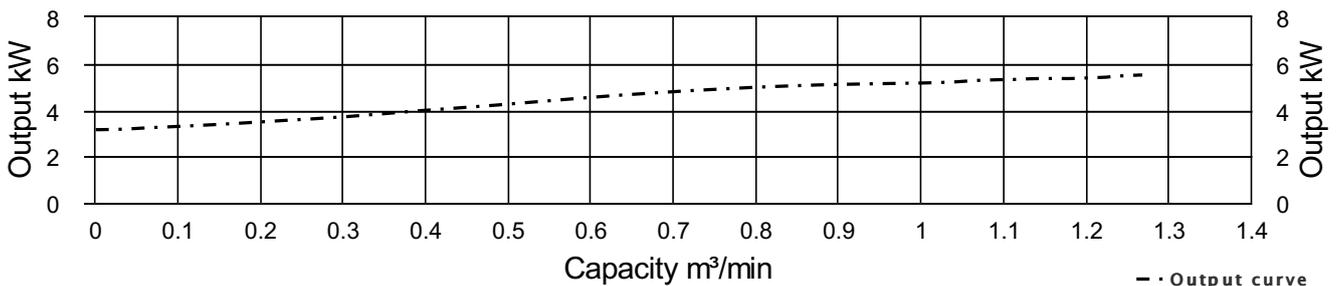
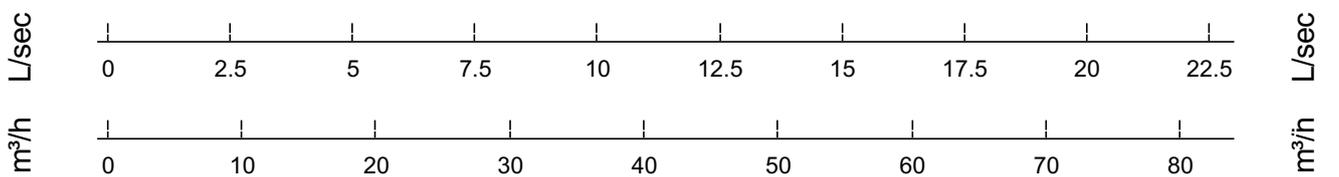
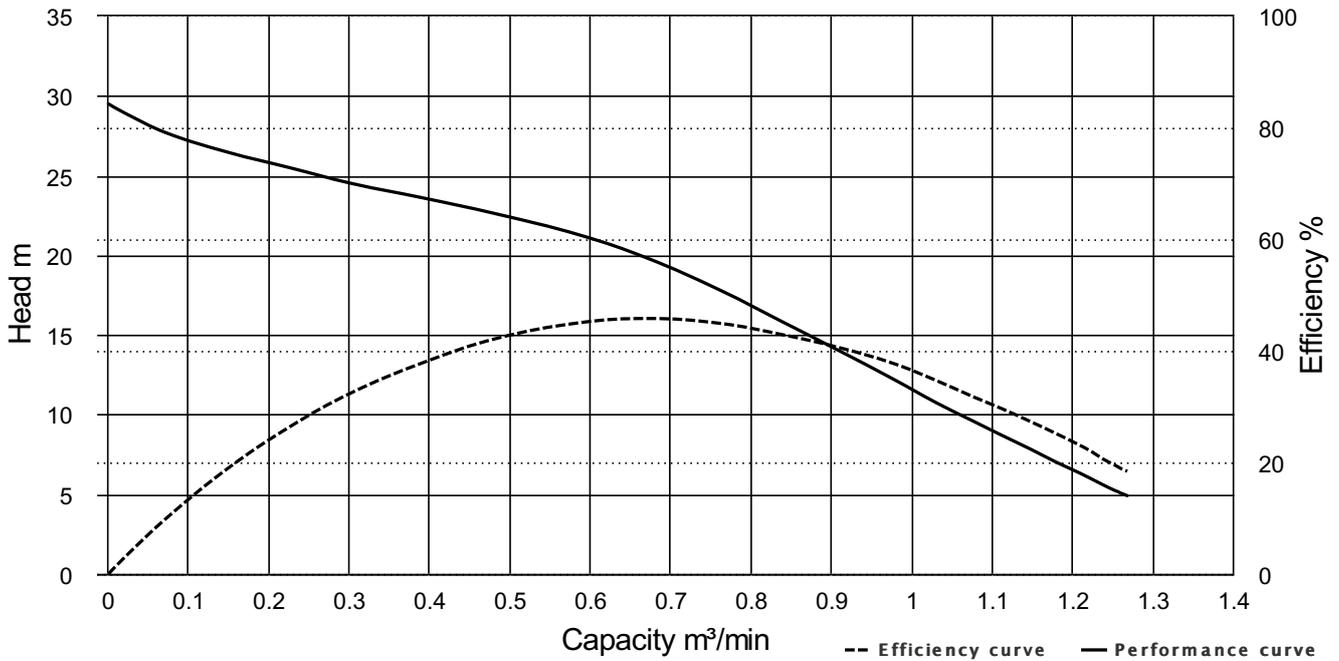
HCP PUMP MANUFACTURER CO., LTD.



HCP PUMP

PUMP PERFORMANCE CURVES

Model	80SFU25.5					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	7.5 HP / 5.5 kW						
Std. Head	21 m						
Std. Capacity	0.6 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	20.6 A	11.7 A	11.4 A	11.4 A	9.1 A		
Pole / rpm	2 P / 2890 rpm						
Start Method	DOL						
Insulation Class	H						



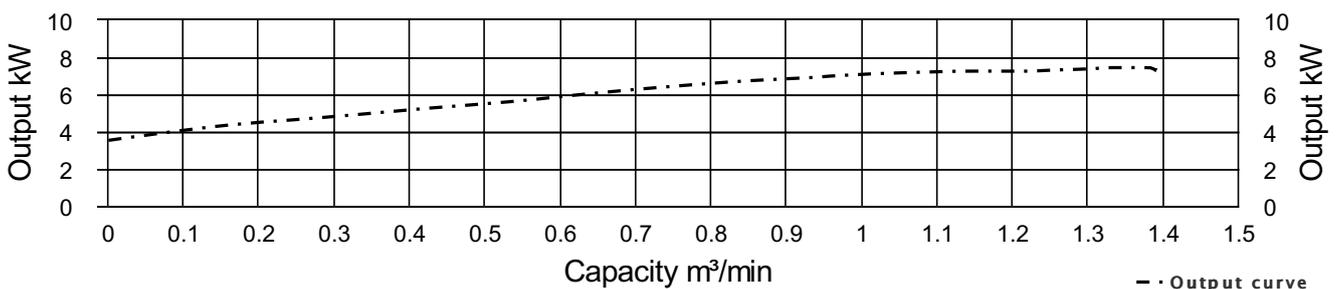
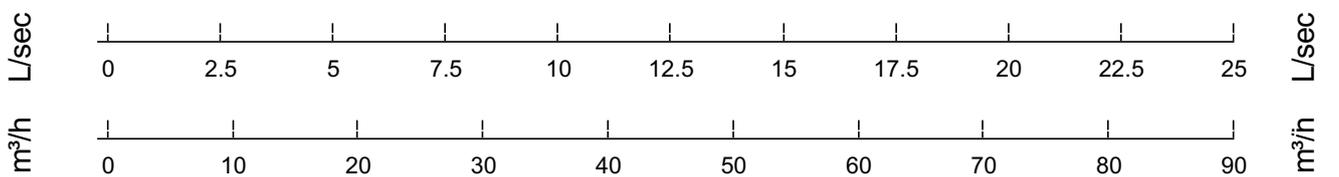
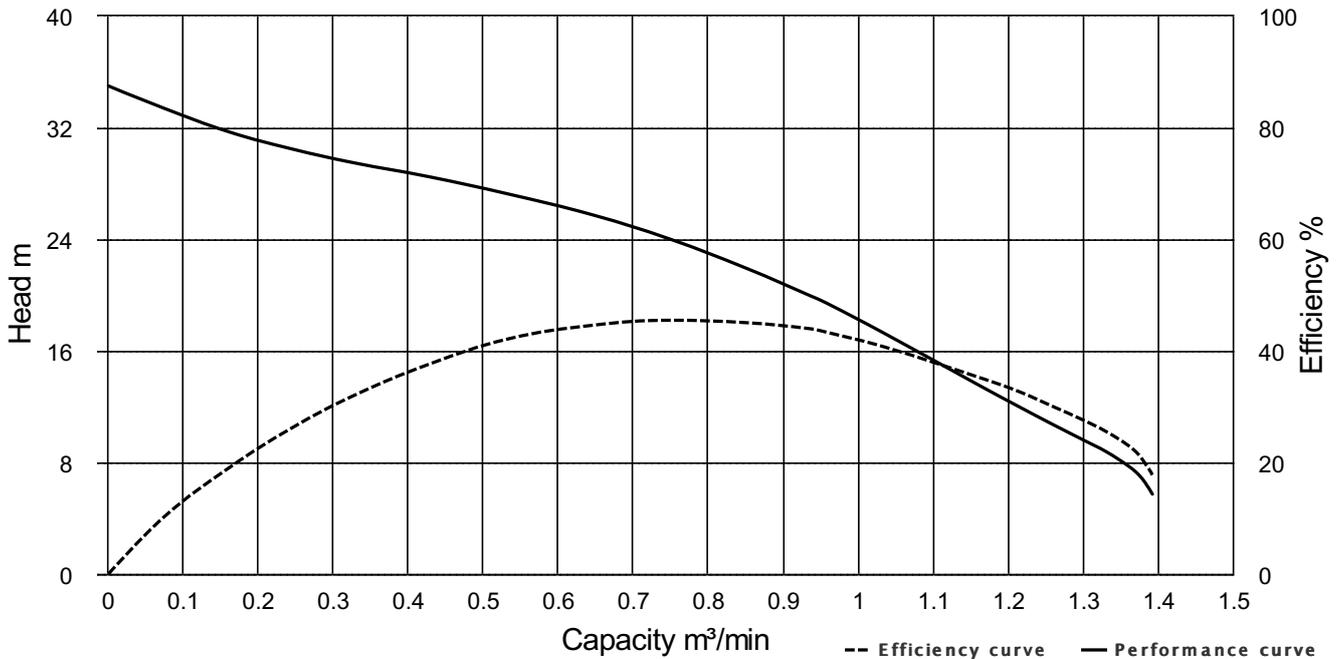
HCP PUMP MANUFACTURER CO., LTD.



HCP PUMP

PUMP PERFORMANCE CURVES

Model	80SFU27.5					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	10 HP / 7.5 kW						
Std. Head	26 m						
Std. Capacity	0.6 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	27.6 A	15.7 A	15.2 A	15.2 A	12.2 A		
Pole / rpm	2 P / 2900 rpm						
Start Method	DOL						
Insulation Class	H						



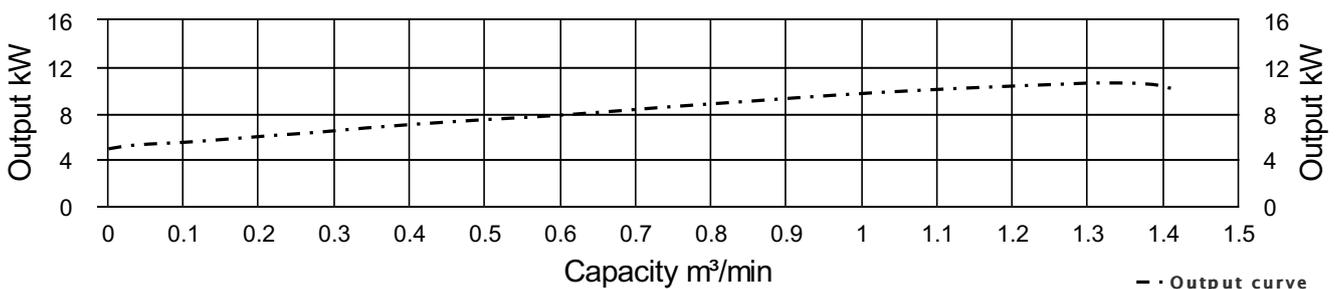
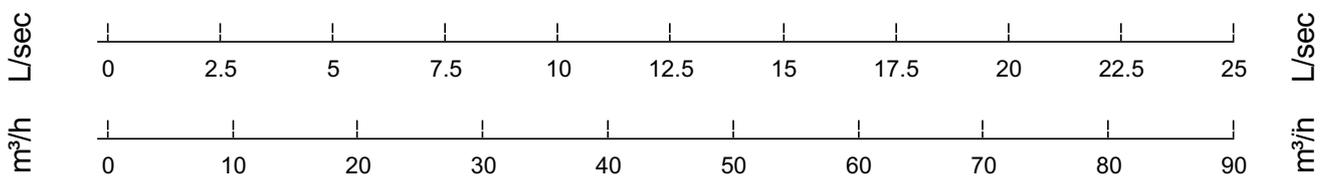
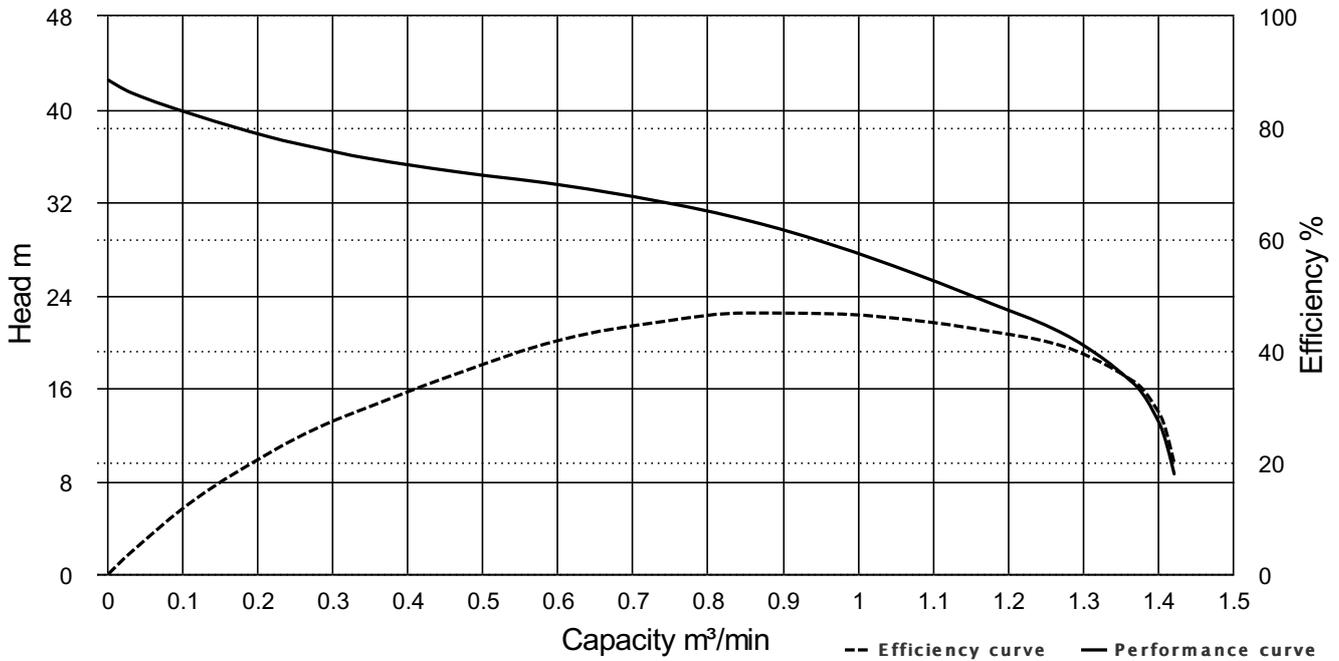
HCP PUMP MANUFACTURER CO., LTD.



HCP PUMP

PUMP PERFORMANCE CURVES

Model	80SFU211					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	15 HP / 11 kW						
Std. Head	33 m						
Std. Capacity	0.6 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	39 A	22.2 A	21.6 A	21.6 A	17.3 A		
Pole / rpm	2 P / 2900 rpm						
Start Method	STAR-DELTA / DOL						
Insulation Class	H						



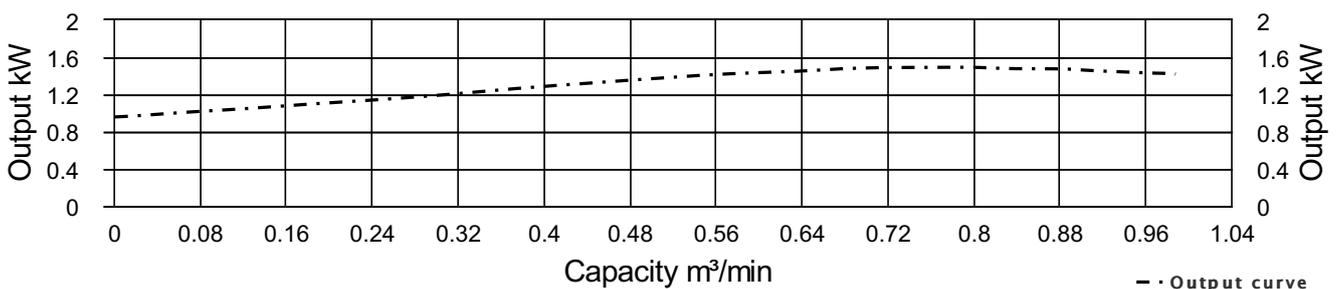
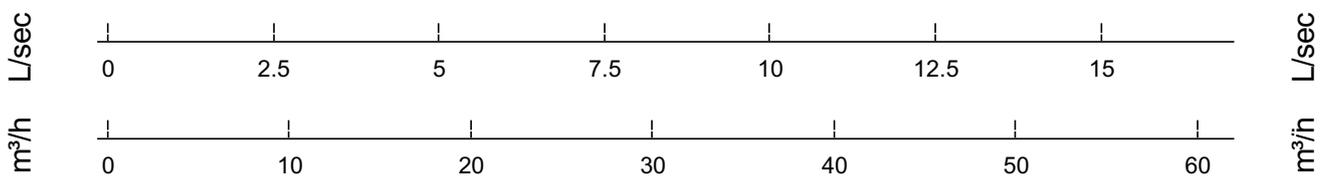
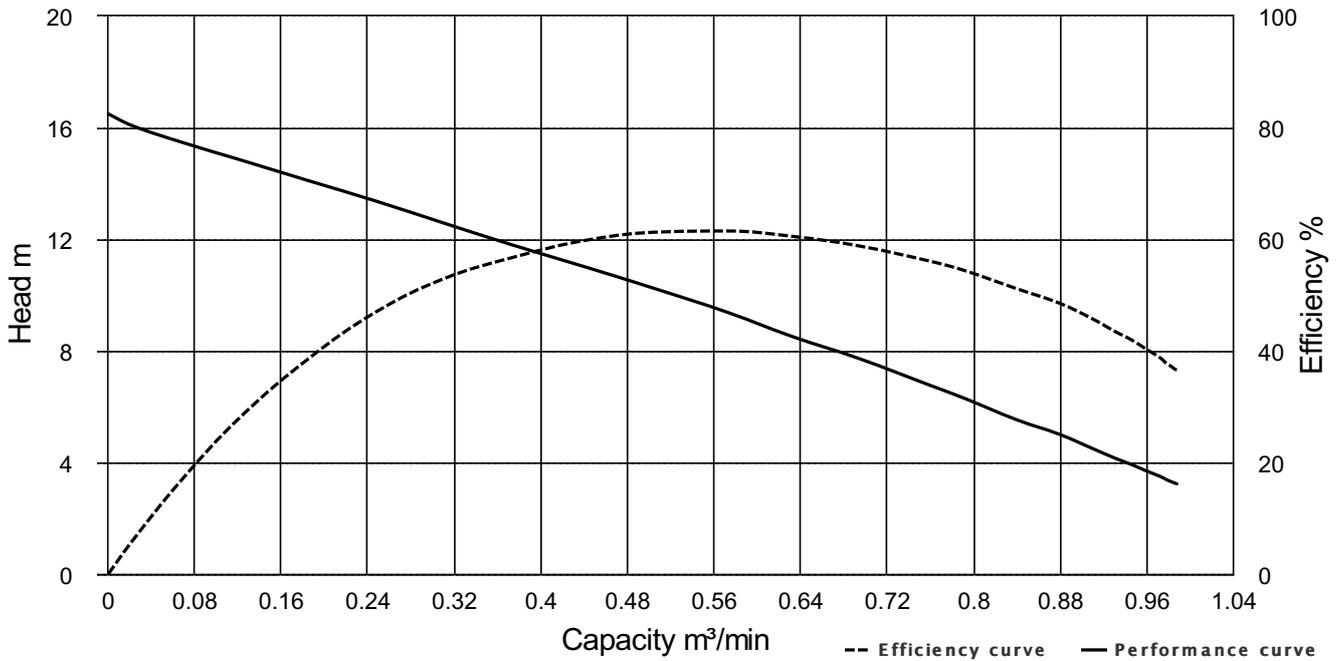
HCP PUMP MANUFACTURER CO., LTD.



HCP PUMP

PUMP PERFORMANCE CURVES

Model	80SFP21.5				Ver NO.	BA0407	
Frequency / Phase	50 Hz / 1 Ø				REFERENCE SPECIFICATION		
Discharge	3" / 80 mm						
Power	2 HP / 1.5 kW						
Std. Head	8.5 m						
Std. Capacity	0.6 m ³ /min						
Volt	220 V	230 V	240 V				
Rated Current	10.2 A	10 A	9.8 A				
Pole / rpm	2 P / 2820 rpm						
Start Method	CAPACITOR						
Insulation Class	F						



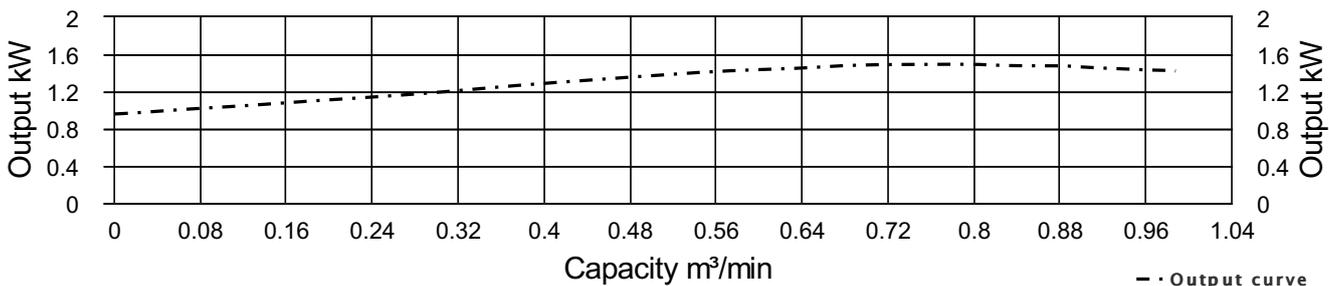
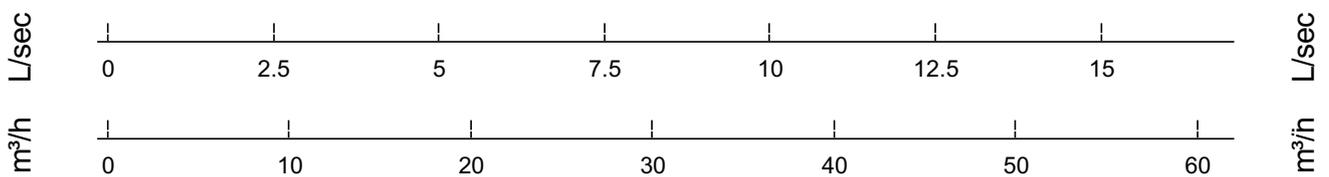
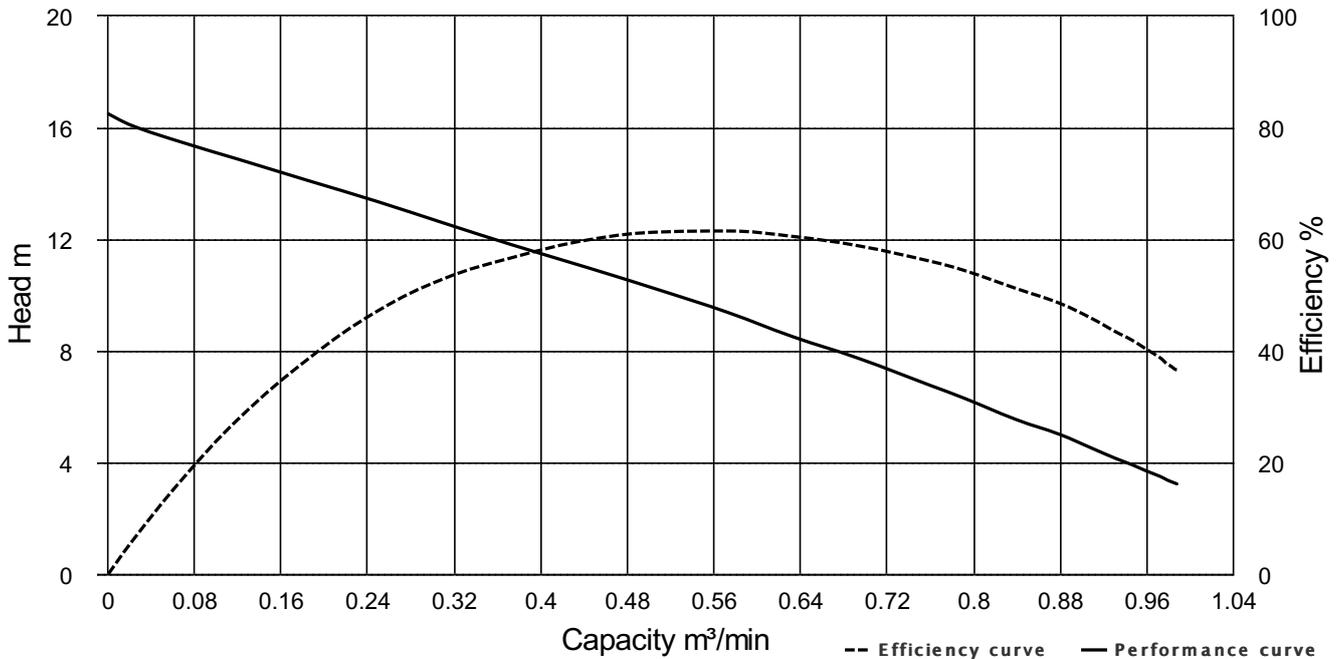
HCP PUMP MANUFACTURER CO., LTD.



HCP PUMP

PUMP PERFORMANCE CURVES

Model	80SFP21.5					Ver NO.	BA0407	
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION		
Discharge	3" / 80 mm							
Power	2 HP / 1.5 kW							
Std. Head	8.5 m							
Std. Capacity	0.6 m ³ /min							
Volt	230 V	380 V	400 V	415 V	525 V			
Rated Current	6.2 A	3.6 A	3.4 A	3.4 A	2.7 A			
Pole / rpm	2 P / 2820 rpm							
Start Method	DOL							
Insulation Class	F							



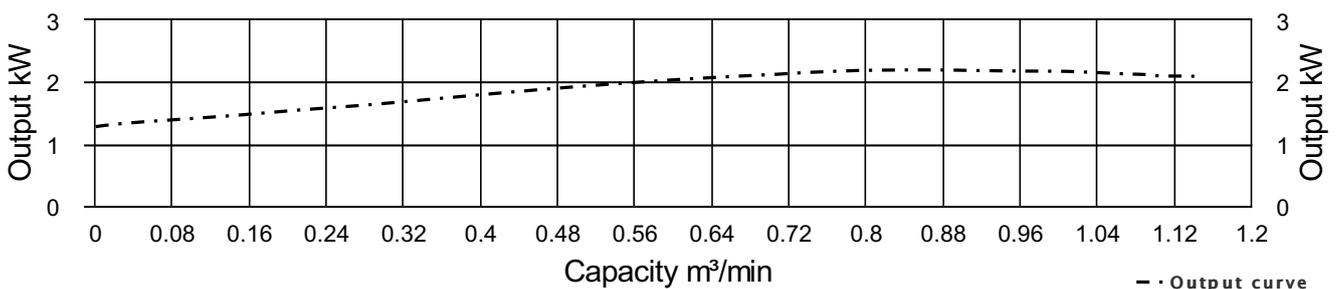
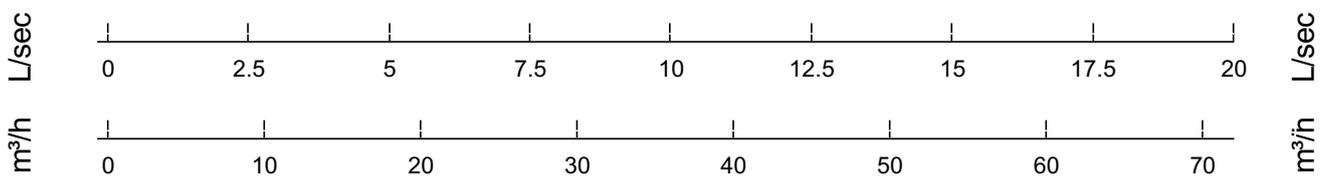
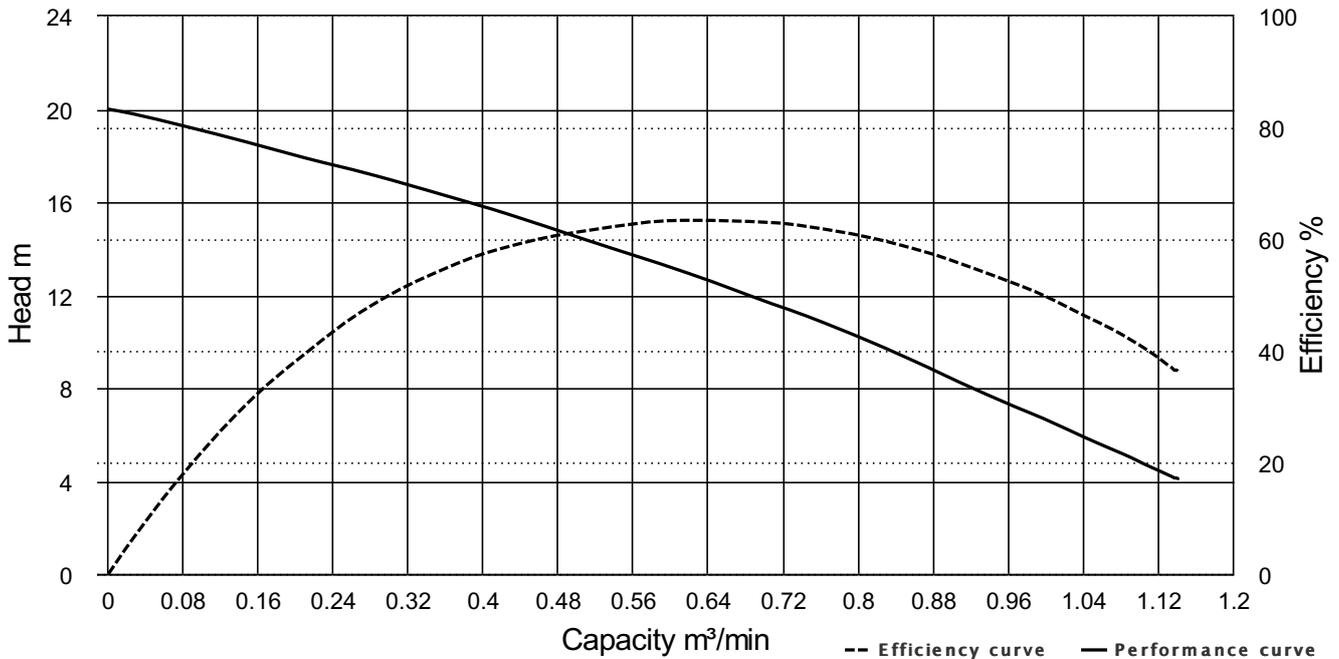
HCP PUMP MANUFACTURER CO., LTD.



HCP PUMP

PUMP PERFORMANCE CURVES

Model	80SFP22.2				Ver NO.	BA0407	
Frequency / Phase	50 Hz / 1 Ø				REFERENCE SPECIFICATION		
Discharge	3" / 80 mm						
Power	3 HP / 2.2 kW						
Std. Head	12.5 m						
Std. Capacity	0.6 m ³ /min						
Volt	220 V	230 V	240 V				
Rated Current	15 A	14.6 A	14.4 A				
Pole / rpm	2 P / 2840 rpm						
Start Method	CAPACITOR						
Insulation Class	F						



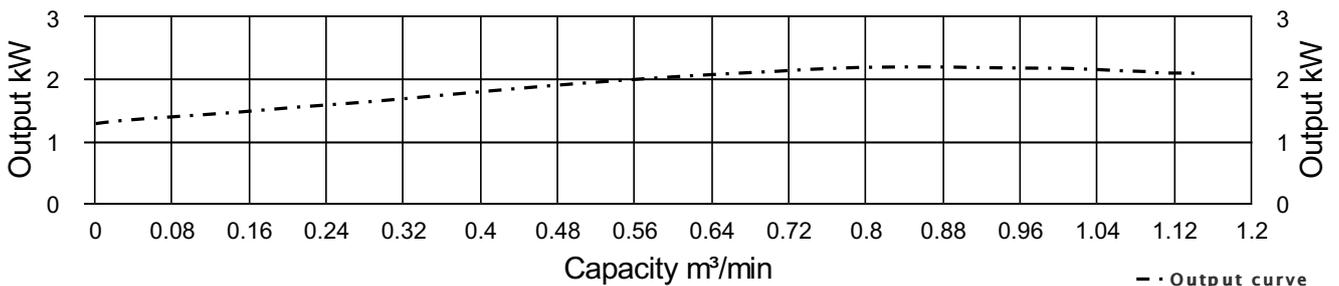
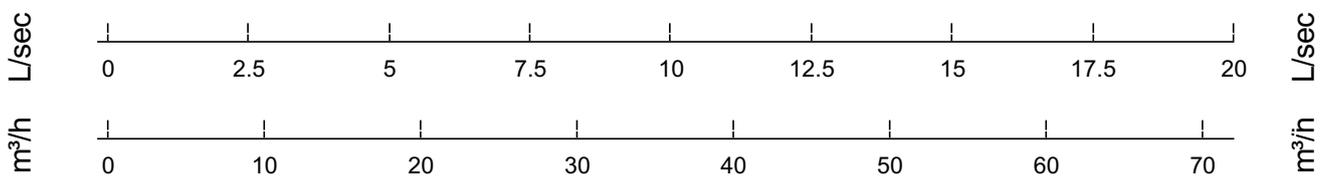
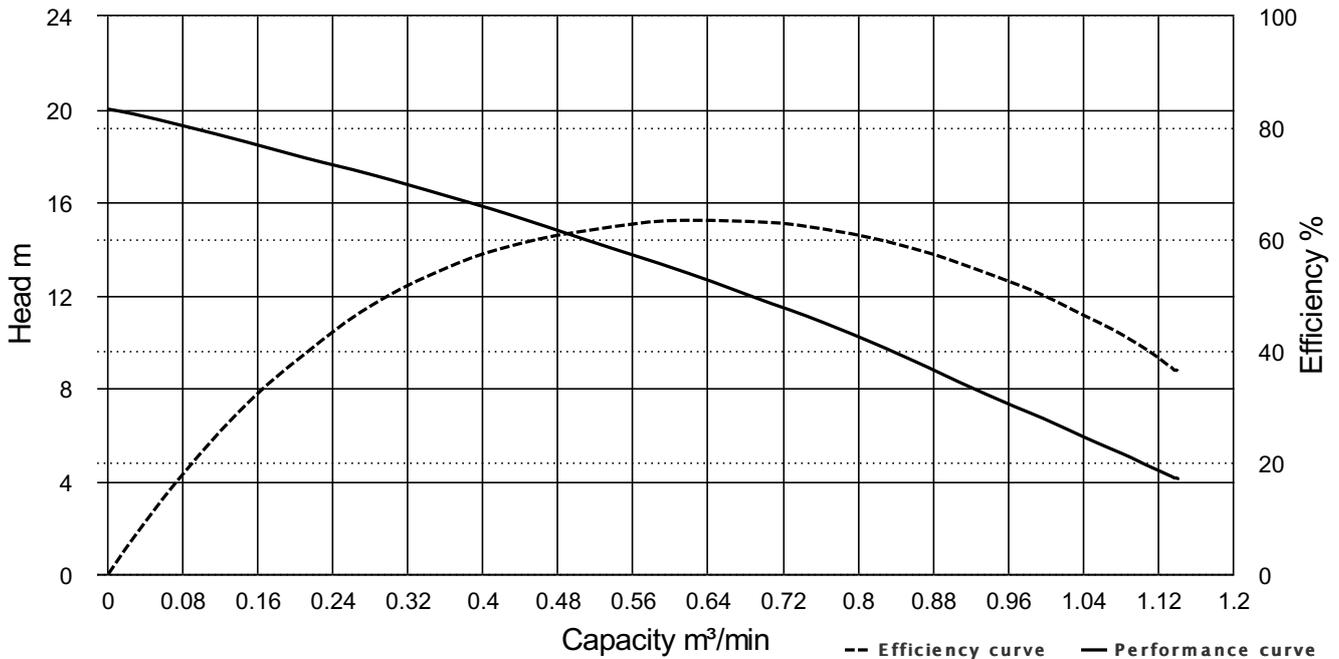
HCP PUMP MANUFACTURER CO., LTD.



HCP PUMP

PUMP PERFORMANCE CURVES

Model	80SFP22.2					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	3 HP / 2.2 kW						
Std. Head	12.5 m						
Std. Capacity	0.6 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	8.8 A	5 A	4.8 A	4.8 A	3.8 A		
Pole / rpm	2 P / 2840 rpm						
Start Method	DOL						
Insulation Class	F						



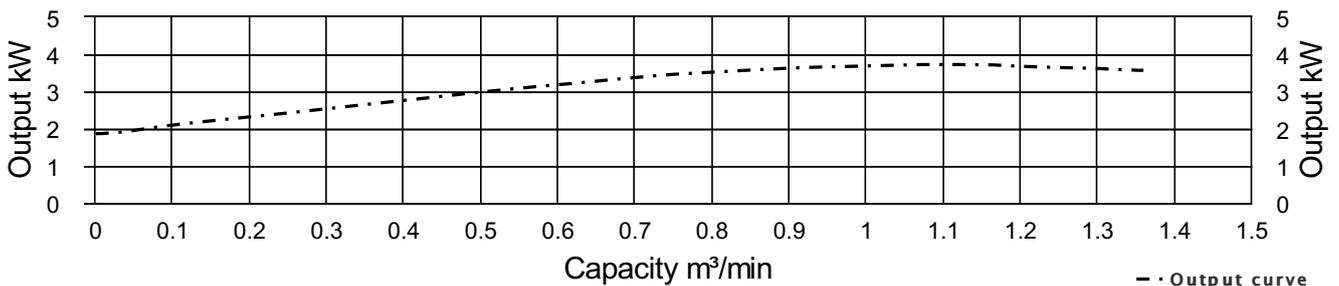
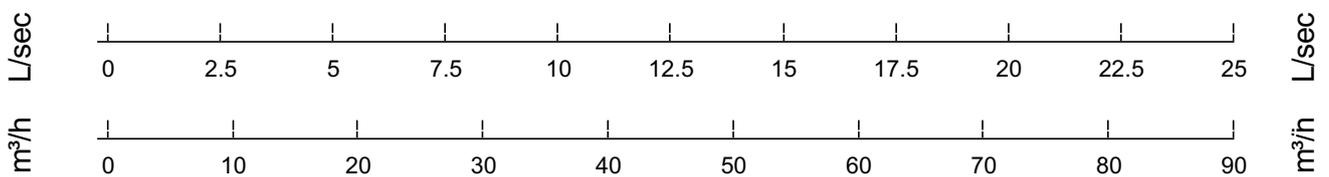
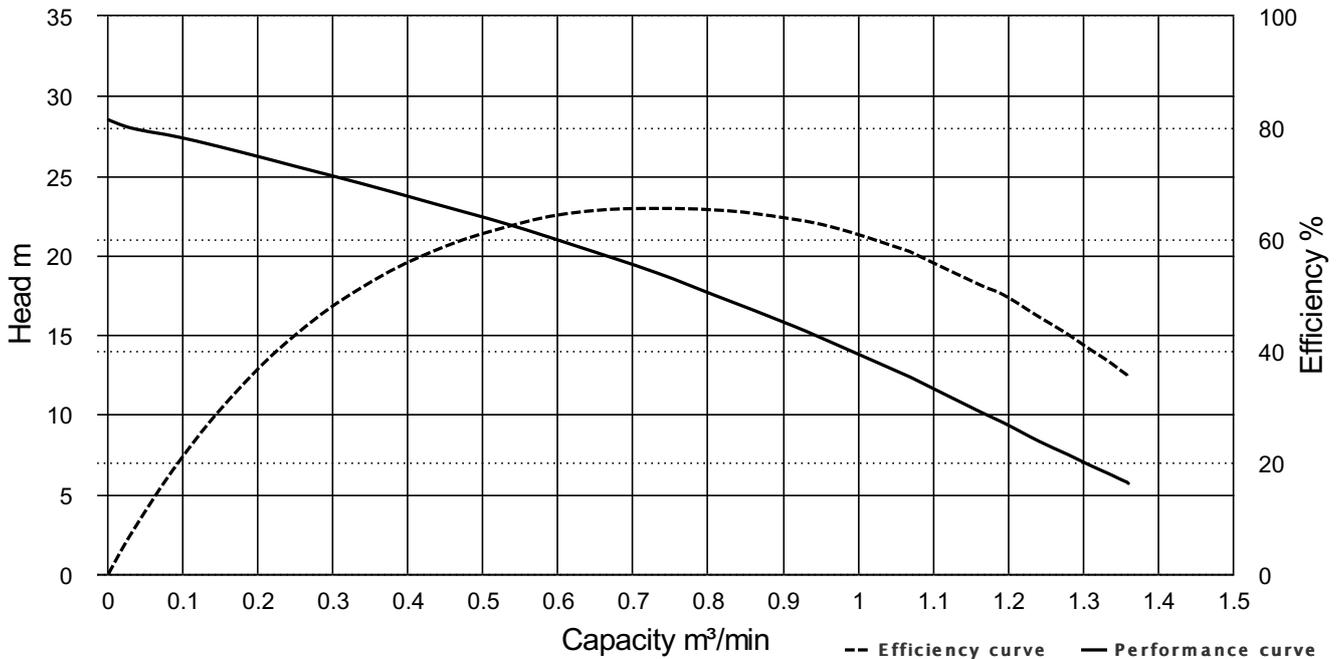
HCP PUMP MANUFACTURER CO., LTD.



HCP PUMP

PUMP PERFORMANCE CURVES

Model	80SFP23.7					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	5 HP / 3.7 kW						
Std. Head	20.5 m						
Std. Capacity	0.6 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	14.2 A	8.2 A	7.8 A	7.8 A	6.2 A		
Pole / rpm	2 P / 2850 rpm						
Start Method	DOL						
Insulation Class	F						



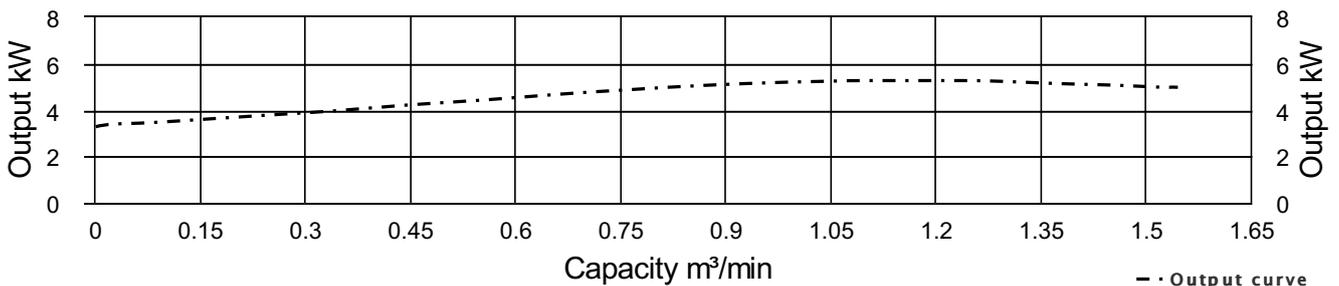
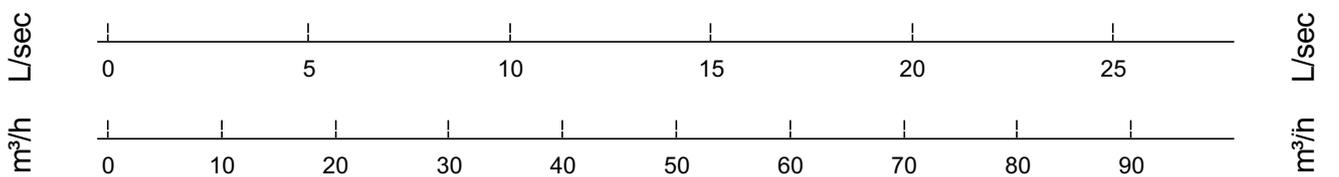
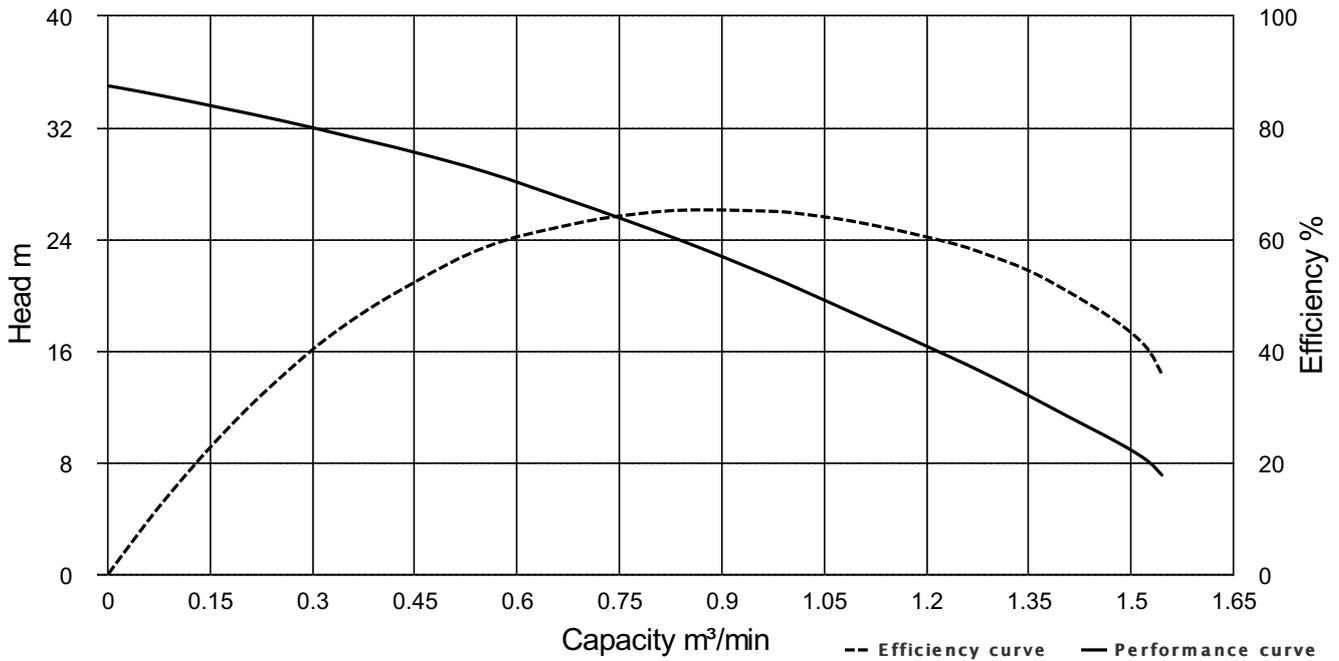
HCP PUMP MANUFACTURER CO., LTD.



HCP PUMP

PUMP PERFORMANCE CURVES

Model	80(100)SFP25.5					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	7.5 HP / 5.5 kW						
Std. Head	28 m						
Std. Capacity	0.6 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	20.6 A	11.7 A	11.4 A	11.4 A	9.1 A		
Pole / rpm	2 P / 2890 rpm						
Start Method	DOL						
Insulation Class	H						



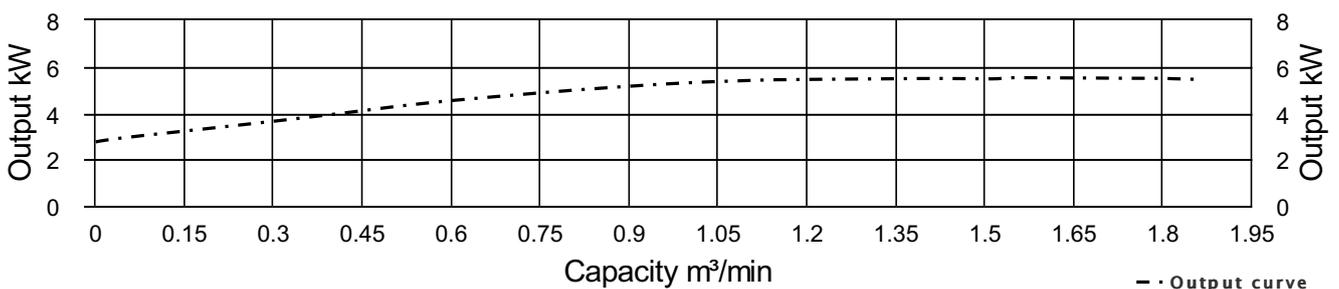
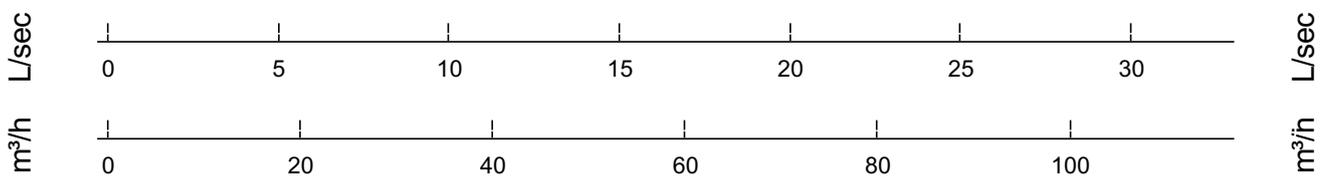
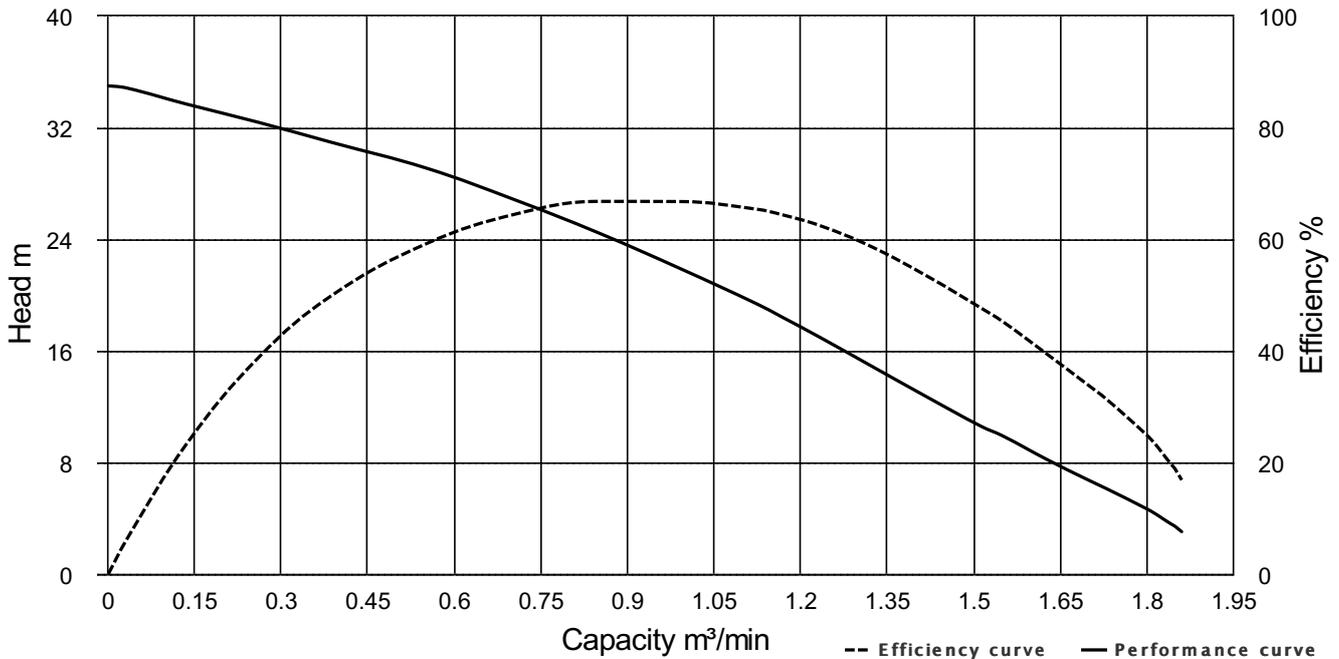
HCP PUMP MANUFACTURER CO., LTD.



HCP PUMP

PUMP PERFORMANCE CURVES

Model	80(100)SFP25.5					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	4" / 100 mm						
Power	7.5 HP / 5.5 kW						
Std. Head	21.5 m						
Std. Capacity	1 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	20.6 A	11.7 A	11.4 A	11.4 A	9.1 A		
Pole / rpm	2 P / 2890 rpm						
Start Method	DOL						
Insulation Class	H						



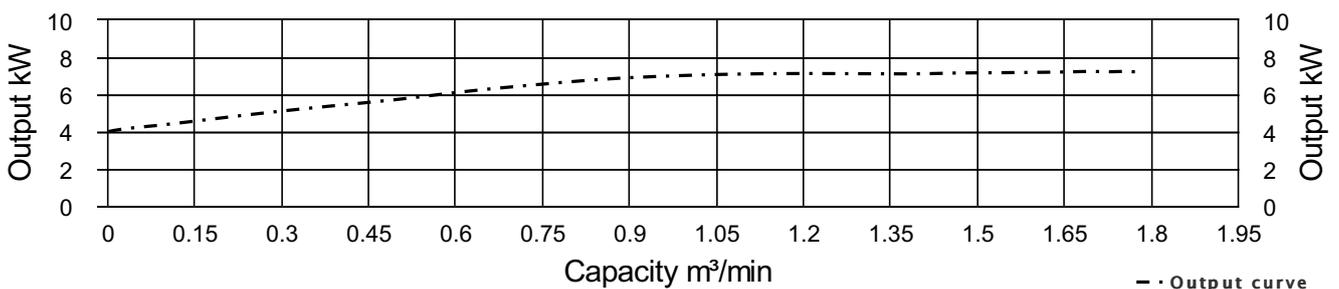
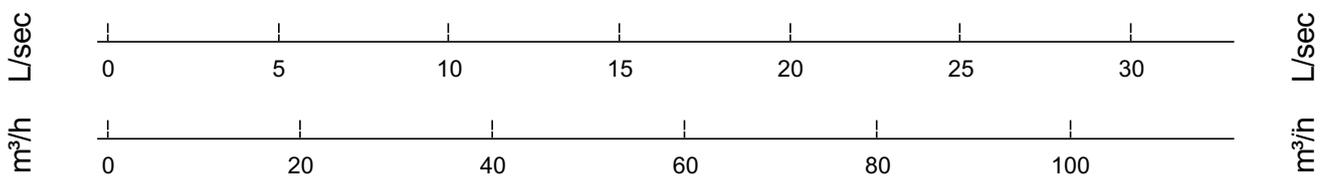
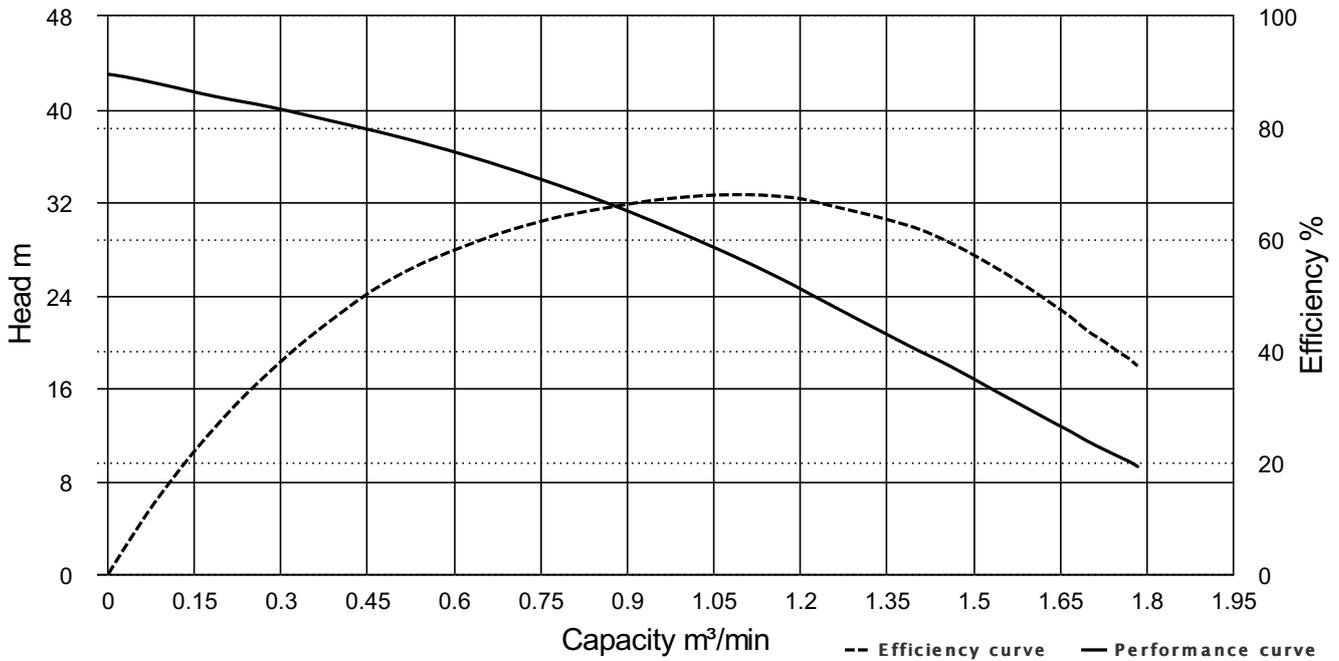
HCP PUMP MANUFACTURER CO., LTD.



HCP PUMP

PUMP PERFORMANCE CURVES

Model	80(100)SFP27.5					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	10 HP / 7.5 kW						
Std. Head	35.5 m						
Std. Capacity	0.6 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	27.6 A	15.7 A	15.2 A	15.2 A	12.2 A		
Pole / rpm	2 P / 2900 rpm						
Start Method	DOL						
Insulation Class	H						



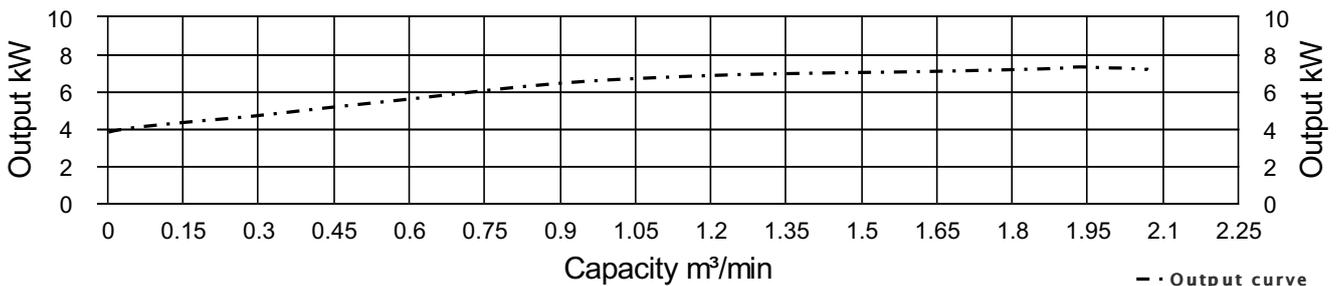
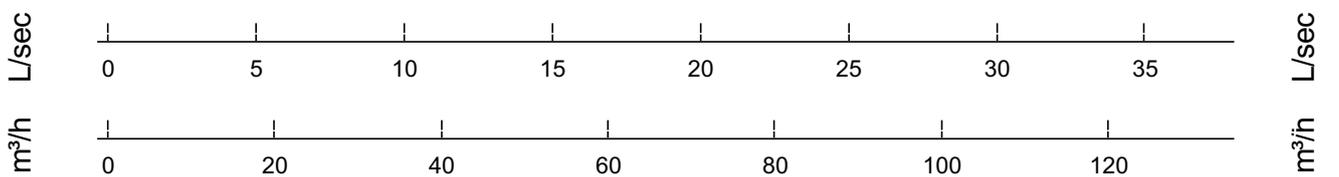
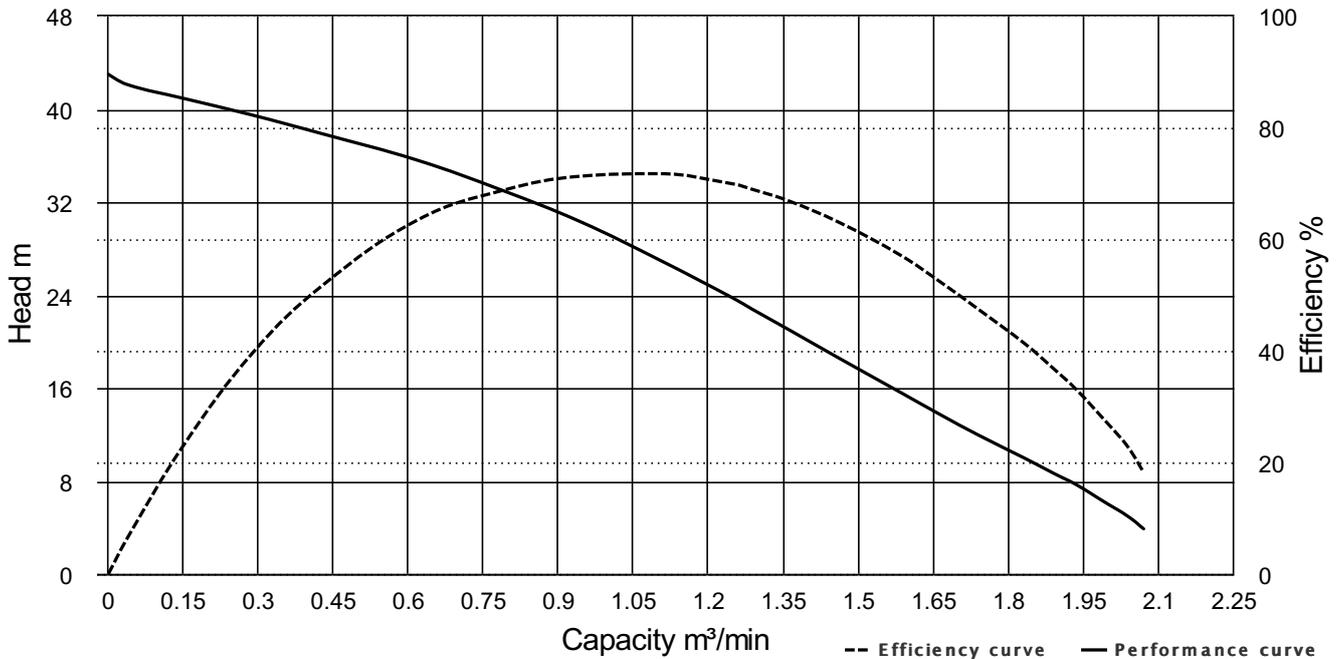
HCP PUMP MANUFACTURER CO., LTD.



HCP PUMP

PUMP PERFORMANCE CURVES

Model	80(100)SFP27.5					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	4" / 100 mm						
Power	10 HP / 7.5 kW						
Std. Head	29 m						
Std. Capacity	1 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	27.6 A	15.7 A	15.2 A	15.2 A	12.2 A		
Pole / rpm	2 P / 2900 rpm						
Start Method	DOL						
Insulation Class	H						



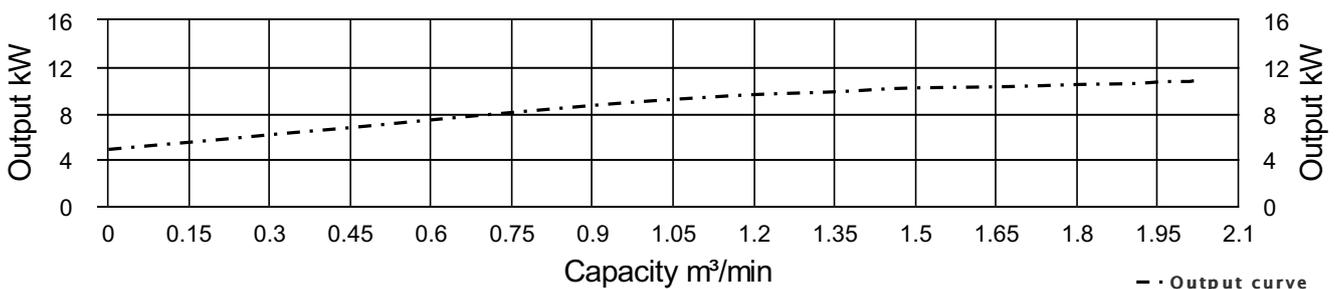
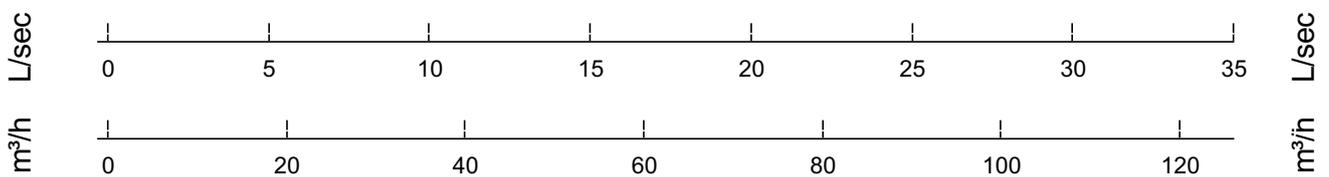
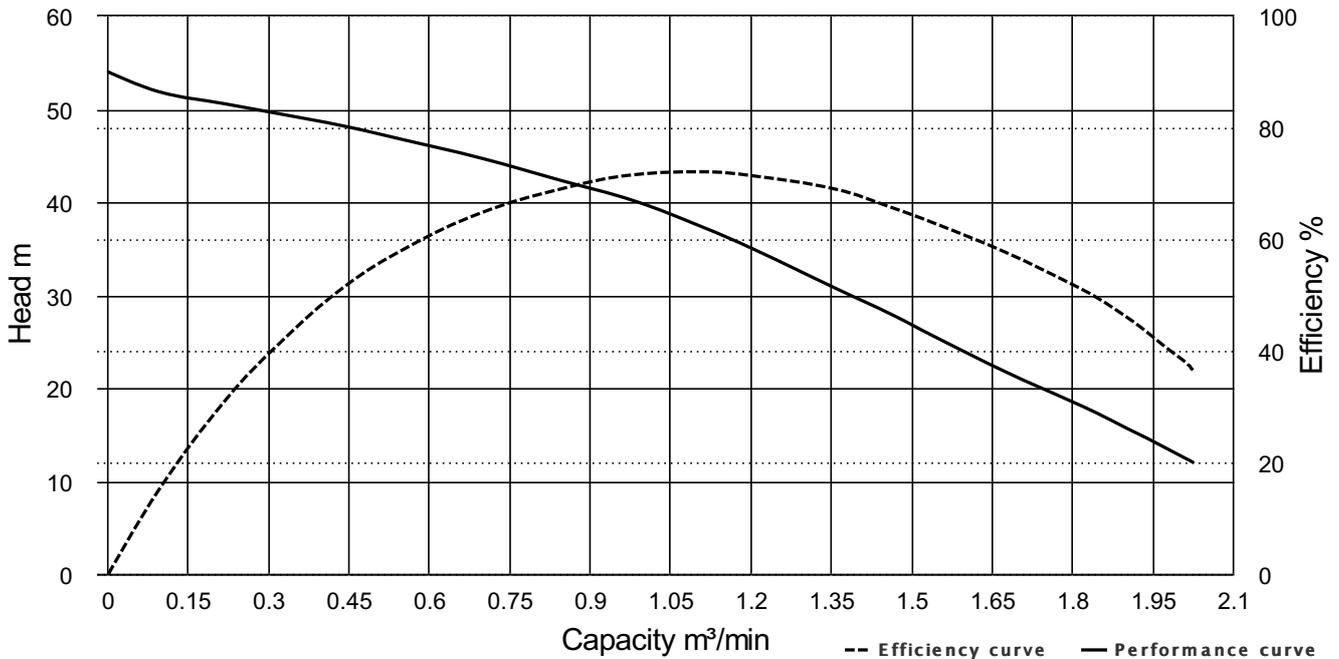
HCP PUMP MANUFACTURER CO., LTD.



HCP PUMP

PUMP PERFORMANCE CURVES

Model	80(100)SFP211					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	15 HP / 11 kW						
Std. Head	46 m						
Std. Capacity	0.6 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	39 A	22.2 A	21.6 A	21.6 A	17.3 A		
Pole / rpm	2 P / 2900 rpm						
Start Method	STAR-DELTA / DOL						
Insulation Class	H						



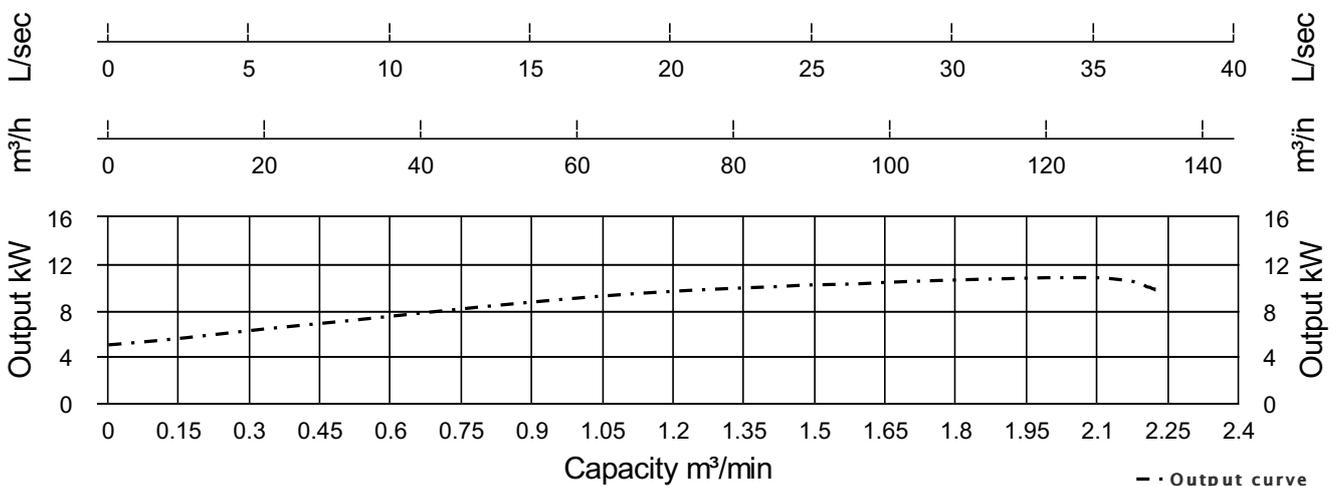
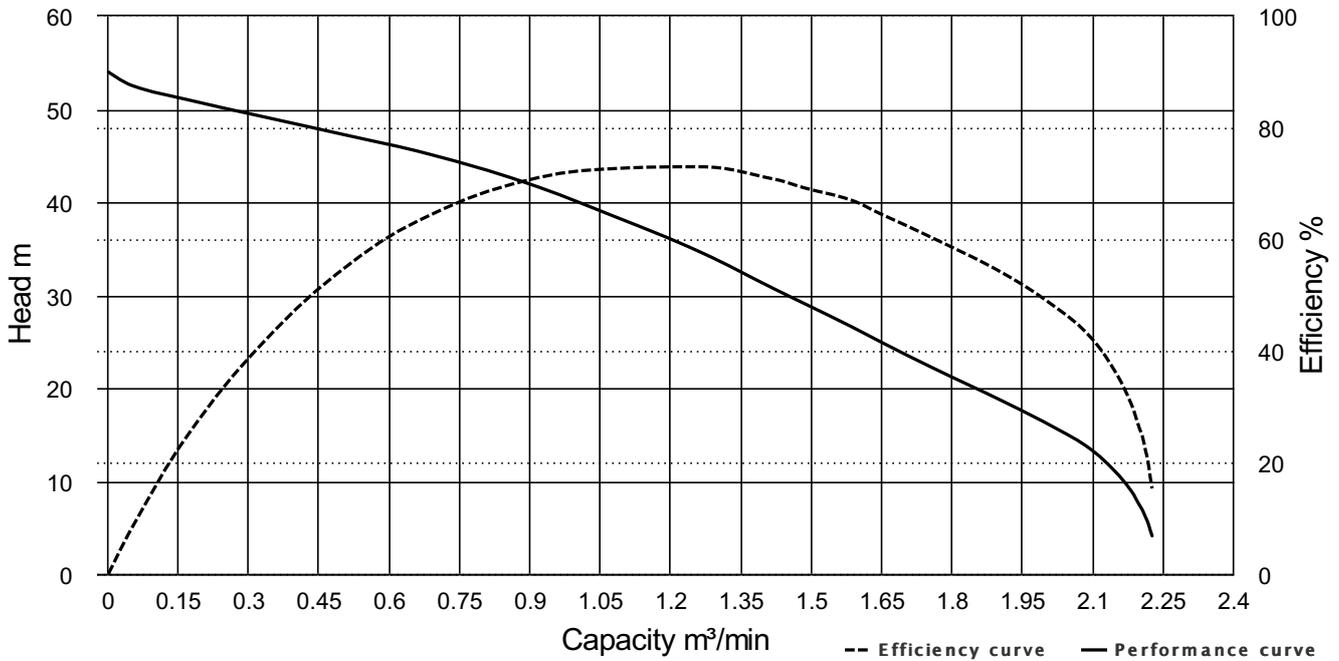
HCP PUMP MANUFACTURER CO., LTD.



HCP PUMP

PUMP PERFORMANCE CURVES

Model	80(100)SFP211					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	4" / 100 mm						
Power	15 HP / 11 kW						
Std. Head	39.5 m						
Std. Capacity	1 m ³ /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	39 A	22.2 A	21.6 A	21.6 A	17.3 A		
Pole / rpm	2 P / 2900 rpm						
Start Method	STAR-DELTA / DOL						
Insulation Class	H						



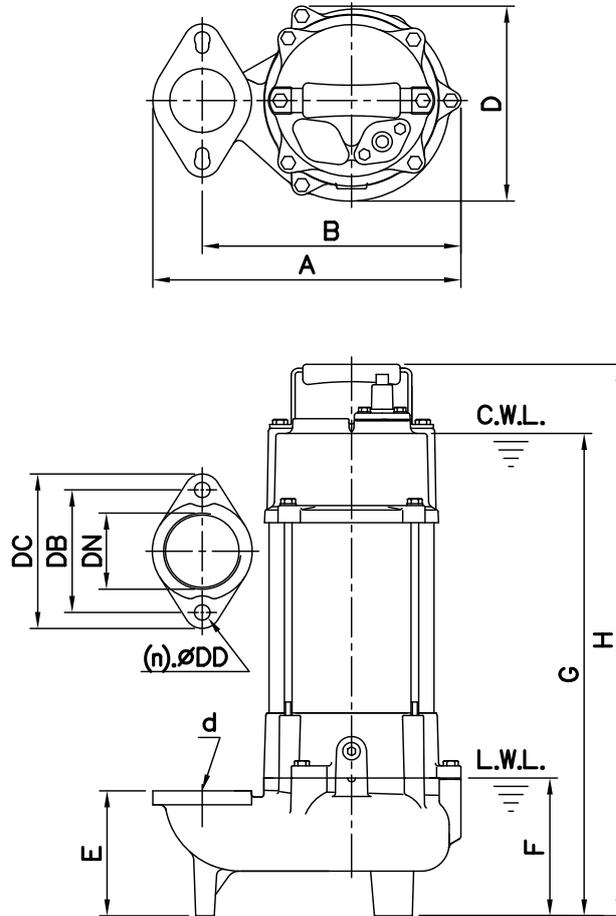
HCP PUMP MANUFACTURER CO., LTD.

DIMENSIONS

NO: S2SFU208A32-11

MODEL: 50SFU2.4A / 2.8A

1Ø / 3Ø



Flange	
Female Thread	
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
50SFU2.4A 1Ø	50	237	199	153	98	108	378	432	15	ESF2-96K	50	96	121	12	2	1
50SFU2.4A 3Ø	50	237	199	153	98	108	378	432	14	ESF2-96K	50	96	121	12	2	1
50SFU2.8A 1Ø	50	237	199	153	98	108	378	432	16	ESF2-96K	50	96	121	12	2	1
50SFU2.8A 3Ø	50	237	199	153	98	108	378	432	15	ESF2-96K	50	96	121	12	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
50SFU2.4A 1Ø	2	9 ⁵ / ₁₆	7 ⁷ / ₁₆	6	3 ⁷ / ₈	4 ¹ / ₄	14 ⁷ / ₈	17	33	ESF2-96K	2	3 ³ / ₄	4 ³ / ₄	½	2	1
50SFU2.4A 3Ø	2	9 ⁵ / ₁₆	7 ⁷ / ₁₆	6	3 ⁷ / ₈	4 ¹ / ₄	14 ⁷ / ₈	17	31	ESF2-96K	2	3 ³ / ₄	4 ³ / ₄	½	2	1
50SFU2.8A 1Ø	2	9 ⁵ / ₁₆	7 ⁷ / ₁₆	6	3 ⁷ / ₈	4 ¹ / ₄	14 ⁷ / ₈	17	35	ESF2-96K	2	3 ³ / ₄	4 ³ / ₄	½	2	1
50SFU2.8A 3Ø	2	9 ⁵ / ₁₆	7 ⁷ / ₁₆	6	3 ⁷ / ₈	4 ¹ / ₄	14 ⁷ / ₈	17	33	ESF2-96K	2	3 ³ / ₄	4 ³ / ₄	½	2	1

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

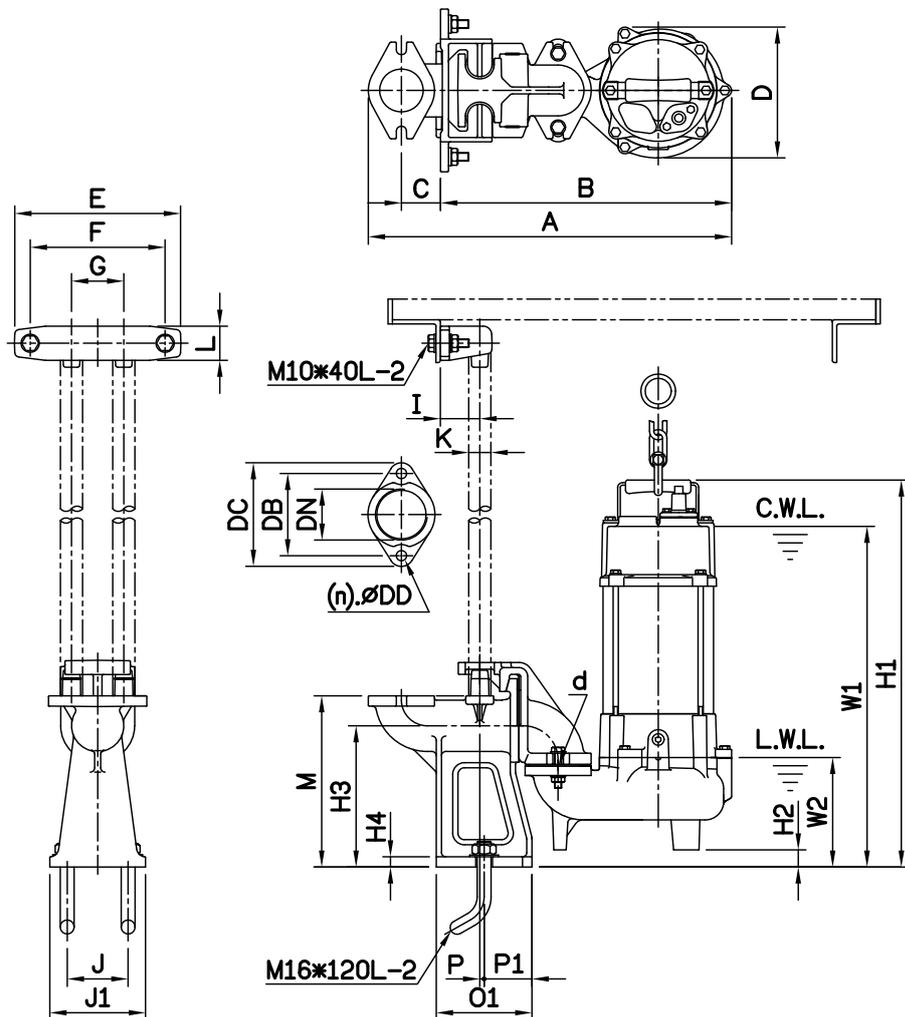
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

NO: T2SFU208A32-11

MODEL: 50SFU2.4A / 2.8A

1Ø / 3Ø



Flange	
Female Thread	
PF	NPT

Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
ESF2-96	50	96	121	12	2

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
ESF2-96	2	3 ³ / ₄	4 ³ / ₄	1/2	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
50SFU2.4A 1Ø	50	417	334	45	153	190	155	60	45	70	110	3/4"	40	200	110	5	55	398	128	452	20	165	12	15	ST2-50	9
50SFU2.8A 1Ø	50	417	334	45	153	190	155	60	45	70	110	3/4"	40	200	110	5	55	398	128	452	20	165	12	16	ST2-50	9
50SFU2.4A 3Ø	50	417	334	45	153	190	155	60	45	70	110	3/4"	40	200	110	5	55	398	128	452	20	165	12	14	ST2-50	9
50SFU2.8A 3Ø	50	417	334	45	153	190	155	60	45	70	110	3/4"	40	200	110	5	55	398	128	452	20	165	12	15	ST2-50	9

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
50SFU2.4A 1Ø	2	16 ⁷ / ₁₆	13 ³ / ₈	1 ³ / ₄	6	7 ¹ / ₂	6 ¹ / ₈	2 ³ / ₈	1 ³ / ₄	2 ³ / ₄	4 ⁵ / ₁₆	3/4	1 ¹ / ₁₆	7 ¹⁹ / ₁₆	4 ⁵ / ₁₆	3/16	2 ³ / ₁₆	15 ¹ / ₁₆	5 ¹ / ₁₆	17 ¹³ / ₁₆	1 ⁹ / ₁₆	6 ¹ / ₂	1/2	33	ST2-50	20
50SFU2.8A 1Ø	2	16 ⁷ / ₁₆	13 ³ / ₈	1 ³ / ₄	6	7 ¹ / ₂	6 ¹ / ₈	2 ³ / ₈	1 ³ / ₄	2 ³ / ₄	4 ⁵ / ₁₆	3/4	1 ¹ / ₁₆	7 ¹⁹ / ₁₆	4 ⁵ / ₁₆	3/16	2 ³ / ₁₆	15 ¹ / ₁₆	5 ¹ / ₁₆	17 ¹³ / ₁₆	1 ⁹ / ₁₆	6 ¹ / ₂	1/2	35	ST2-50	20
50SFU2.4A 3Ø	2	16 ⁷ / ₁₆	13 ³ / ₈	1 ³ / ₄	6	7 ¹ / ₂	6 ¹ / ₈	2 ³ / ₈	1 ³ / ₄	2 ³ / ₄	4 ⁵ / ₁₆	3/4	1 ¹ / ₁₆	7 ¹⁹ / ₁₆	4 ⁵ / ₁₆	3/16	2 ³ / ₁₆	15 ¹ / ₁₆	5 ¹ / ₁₆	17 ¹³ / ₁₆	1 ⁹ / ₁₆	6 ¹ / ₂	1/2	31	ST2-50	20
50SFU2.8A 3Ø	2	16 ⁷ / ₁₆	13 ³ / ₈	1 ³ / ₄	6	7 ¹ / ₂	6 ¹ / ₈	2 ³ / ₈	1 ³ / ₄	2 ³ / ₄	4 ⁵ / ₁₆	3/4	1 ¹ / ₁₆	7 ¹⁹ / ₁₆	4 ⁵ / ₁₆	3/16	2 ³ / ₁₆	15 ¹ / ₁₆	5 ¹ / ₁₆	17 ¹³ / ₁₆	1 ⁹ / ₁₆	6 ¹ / ₂	1/2	33	ST2-50	20

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

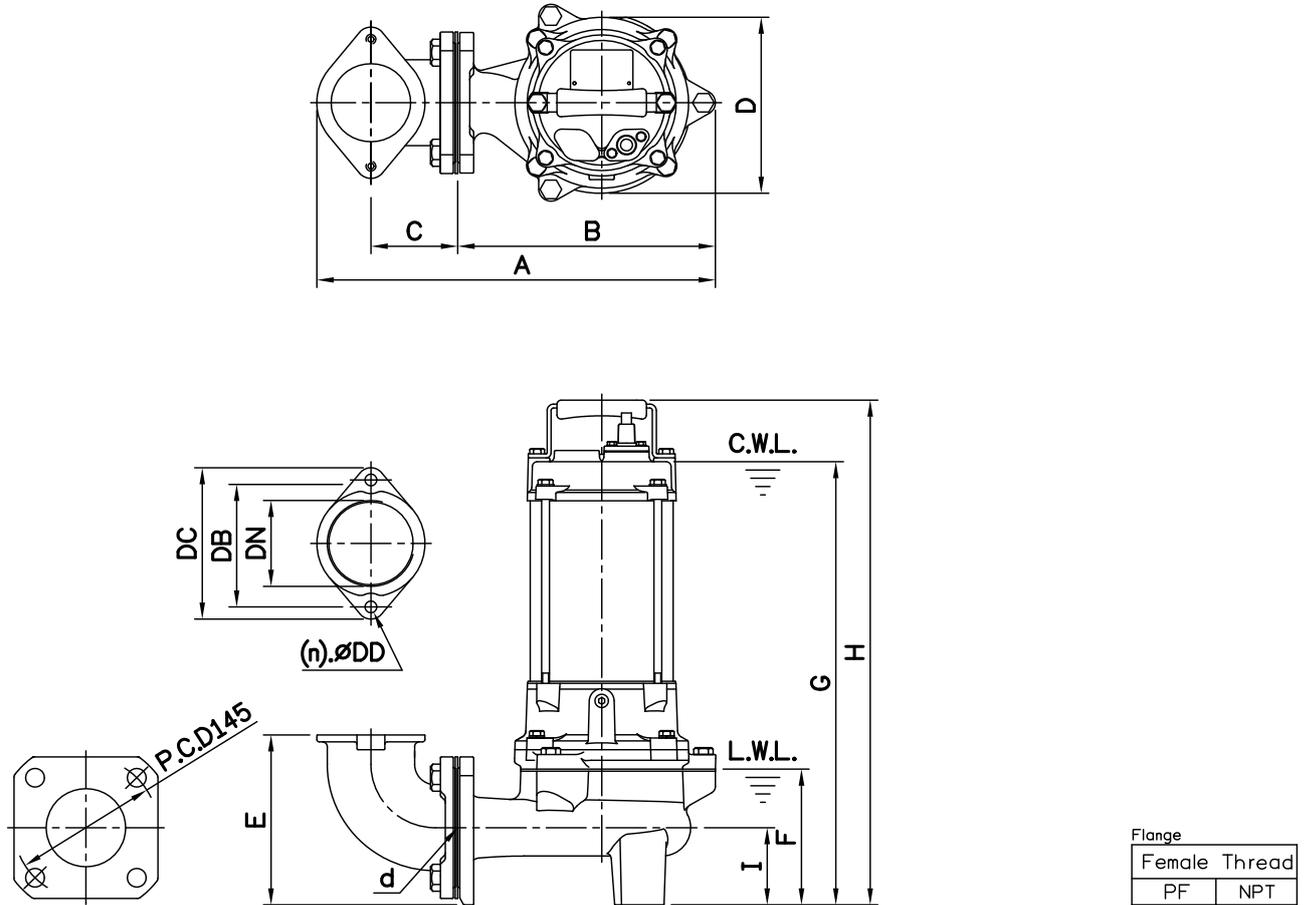
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

DIMENSIONS

NO: S3SFU222030-00

MODEL: 80SFU21.5 / 22.2

50Hz 1Ø / 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
80SFU21.5 1Ø	80	402	260	88	202	174	139	523	586	79	31	ESB3-130K	80	130	155	12	2	4
80SFU21.5 3Ø	80	402	260	88	202	174	139	454	517	79	27	ESB3-130K	80	130	155	12	2	4
80SFU22.2 1Ø	80	402	260	88	202	174	139	535	598	79	34	ESB3-130K	80	130	155	12	2	4
80SFU22.2 3Ø	80	402	260	88	202	174	139	454	517	79	29	ESB3-130K	80	130	155	12	2	4

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
80SFU21.5 1Ø	3	15 ⁹ / ₁₆	10 ¹ / ₄	3 ⁷ / ₁₆	7 ⁷ / ₁₆	6 ⁷ / ₈	5 ¹ / ₂	20 ³ / ₁₆	23 ¹ / ₁₆	3 ¹ / ₈	68	ESB3-130K	3	5 ¹ / ₈	6 ¹ / ₈	1/2	2	9
80SFU21.5 3Ø	3	15 ⁹ / ₁₆	10 ¹ / ₄	3 ⁷ / ₁₆	7 ⁷ / ₁₆	6 ⁷ / ₈	5 ¹ / ₂	17 ⁷ / ₈	20 ³ / ₈	3 ¹ / ₈	60	ESB3-130K	3	5 ¹ / ₈	6 ¹ / ₈	1/2	2	9
80SFU22.2 1Ø	3	15 ⁹ / ₁₆	10 ¹ / ₄	3 ⁷ / ₁₆	7 ⁷ / ₁₆	6 ⁷ / ₈	5 ¹ / ₂	21 ¹ / ₁₆	23 ³ / ₁₆	3 ¹ / ₈	75	ESB3-130K	3	5 ¹ / ₈	6 ¹ / ₈	1/2	2	9
80SFU22.2 3Ø	3	15 ⁹ / ₁₆	10 ¹ / ₄	3 ⁷ / ₁₆	7 ⁷ / ₁₆	6 ⁷ / ₈	5 ¹ / ₂	17 ⁷ / ₈	20 ³ / ₈	3 ¹ / ₈	64	ESB3-130K	3	5 ¹ / ₈	6 ¹ / ₈	1/2	2	9

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

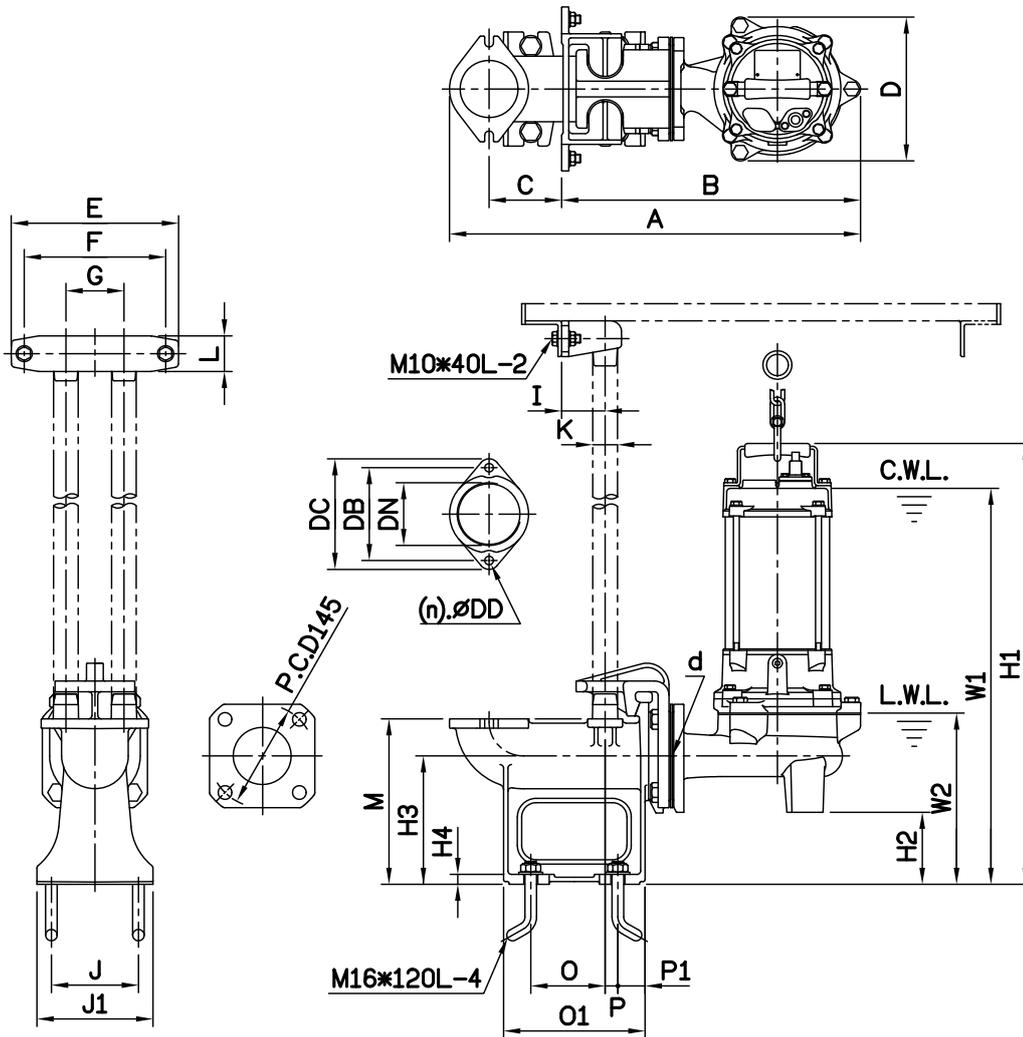
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

NO: T3SFU222030-00

MODEL: 80SFU21.5 / 22.2

50Hz 1Ø / 3Ø



Flange	
Female Thread	
PF	NPT

Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
ESF3-130	80	130	155	12	2

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
ESF3-130	3	5 1/8	6 1/8	1/2	2

Dimensions-mm

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	O	O1	P	P1	W1	W2	H1	H2	H3	H4	Weight:kg		
																									WT1	GRS Set WT2	
80SFU21.5 Ø1	80	567	412	100	202	230	195	80	60	120	160	1 1/4	50	232	103	195	18	38	624	240	687	101	180	14	31	ST2-80	19
80SFU21.5 Ø3	80	567	412	100	202	230	195	80	60	120	160	1 1/4	50	232	103	195	18	38	555	240	618	101	180	14	27	ST2-80	19
80SFU22.2 Ø1	80	567	412	100	202	230	195	80	60	120	160	1 1/4	50	232	103	195	18	38	636	240	699	101	180	14	34	ST2-80	19
80SFU22.2 Ø3	80	567	412	100	202	230	195	80	60	120	160	1 1/4	50	232	103	195	18	38	555	240	618	101	180	14	29	ST2-80	19

Dimensions-inch

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	O	O1	P	P1	W1	W2	H1	H2	H3	H4	Weight:lb	
																									WT1	GRS Set WT2
80SFU21.5 Ø1	3	22 5/16	16 1/4	3 9/16	7 15/16	9 1/16	7 1/16	3 1/8	2 3/8	4 3/4	6 5/16	1 1/4	2	9 1/8	4 1/16	7 1/16	1 1/2	24 3/16	9 1/16	27 1/16	4	7 1/16	9/16	68	ST2-80	42
80SFU21.5 Ø3	3	22 5/16	16 1/4	3 15/16	7 15/16	9 1/16	7 1/16	3 1/8	2 3/8	4 3/4	6 5/16	1 1/4	2	9 1/8	4 1/16	7 1/16	1 1/2	21 1/8	9 1/16	24 3/16	4	7 1/16	9/16	60	ST2-80	42
80SFU22.2 Ø1	3	22 5/16	16 1/4	3 15/16	7 15/16	9 1/16	7 1/16	3 1/8	2 3/8	4 3/4	6 5/16	1 1/4	2	9 1/8	4 1/16	7 1/16	1 1/2	25 1/8	9 1/16	27 1/2	4	7 1/16	9/16	75	ST2-80	42
80SFU22.2 Ø3	3	22 5/16	16 1/4	3 15/16	7 15/16	9 1/16	7 1/16	3 1/8	2 3/8	4 3/4	6 5/16	1 1/4	2	9 1/8	4 1/16	7 1/16	1 1/2	21 1/8	9 1/16	24 3/16	4	7 1/16	9/16	64	ST2-80	42

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

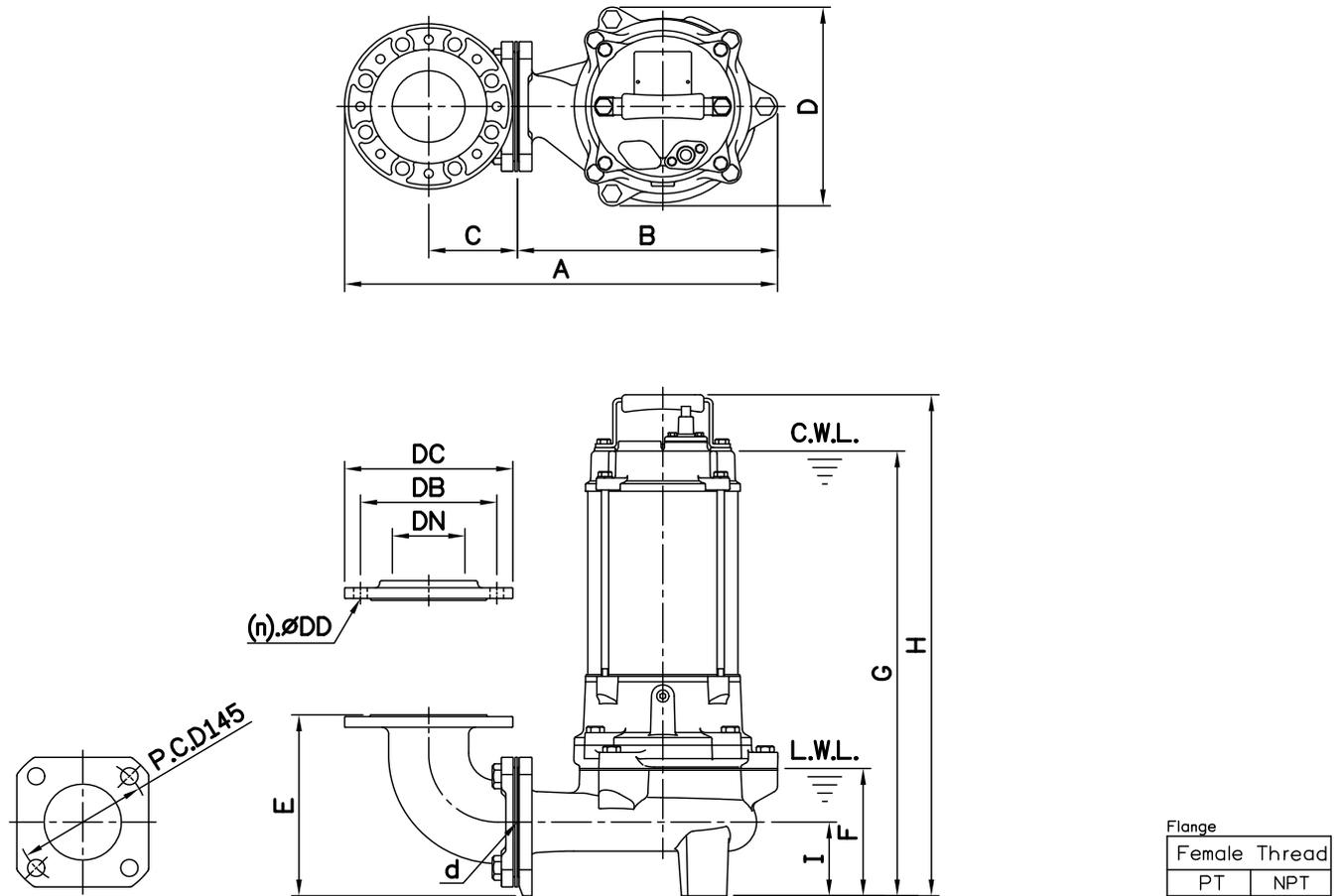
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

DIMENSIONS

NO: S3SFU237032-00

MODEL: 80SFU23.7

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
80SFU23.7	80	476	286	98	222	203	143	498	561	83	40	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
80SFU23.7	3	18¾	11¼	3⅞	8¾	8	5⅝	19⅞	22⅞	3¼	88	ESB3-150K	3	5⅝	7⅞	⅝	8	16

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

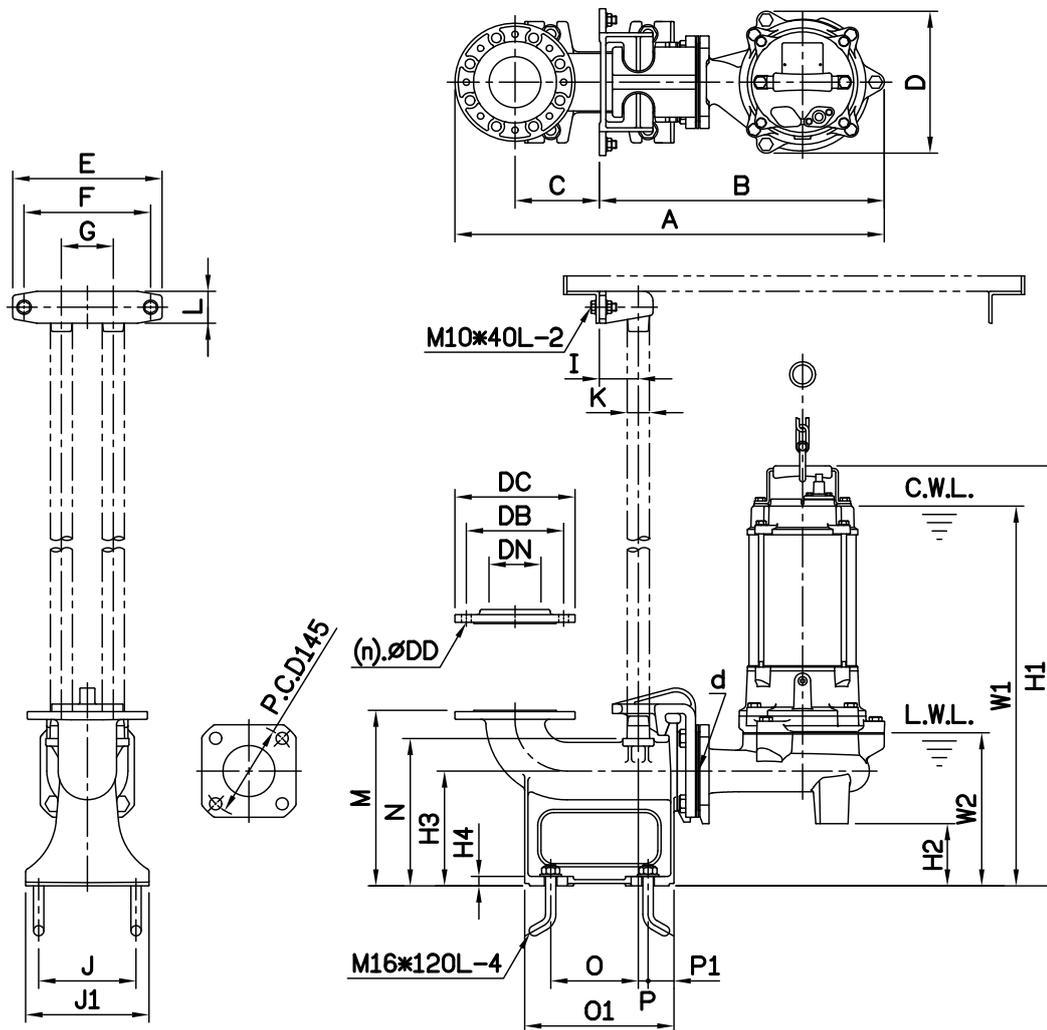
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

NO: T3SFU237032-00

MODEL: 80SFU23.7

3Ø



Flange	
Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
ESF3-150	80	150	185	15	8

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
ESF3-150	3	5 ¹⁵ / ₁₆	7 ⁵ / ₁₆	9 ¹ / ₁₆	8

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	Weight:kg	
																											GRS Set	WT2
80SFU23.7	80	662	439	130	222	230	195	80	60	150	190	1 ¹ / ₄	50	275	231	135	230	15	40	595	240	658	98	180	15	40	ST80D	22

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	Weight:lb	
																											GRS Set	WT2
80SFU23.7	3	26 ¹ / ₁₆	17 ³ / ₁₆	5 ¹ / ₁₆	8 ³ / ₄	9 ¹ / ₁₆	7 ¹¹ / ₁₆	3 ³ / ₈	2 ³ / ₈	5 ¹⁵ / ₁₆	7 ¹ / ₂	1 ¹ / ₄	2	10 ³ / ₁₆	9 ¹ / ₁₆	5 ¹ / ₁₆	9 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	23 ³ / ₁₆	9 ¹ / ₁₆	25 ⁵ / ₈	3 ³ / ₈	7 ¹ / ₁₆	9 ¹ / ₁₆	88	ST80D	49

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

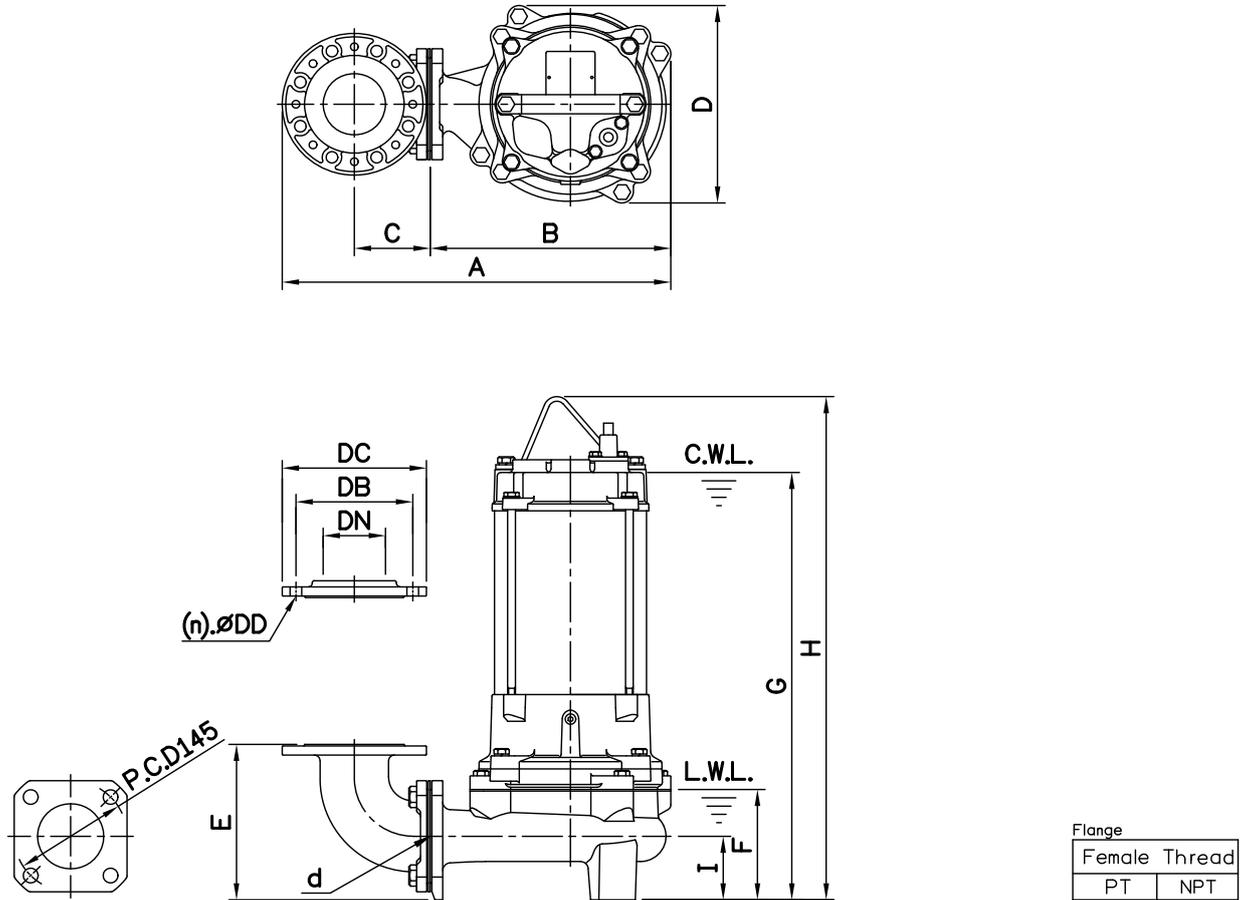
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

DIMENSIONS

NO: S3SFU275030-00

MODEL: 80SFU25.5 / 27.5

50Hz 3Ø



Dimensions-mm

Weight:kg

Model	d	A	B	C	D	E	F	G	H	I	WT1	Elbow (Flange)Set	DN	DA	DB	DC	DD	(n)QTY	WT2
80SFU25.5	80	499	309	98	258	203	144	558	657	83	61	ESB3-150K	80	105	150	185	15	8	7
80SFU27.5	80	499	309	98	258	203	144	558	657	83	67	ESB3-150K	80	105	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	DA	DB	DC	DD	(n)QTY	WT2
80SFU25.5	3	19 ⁵ / ₁₆	12 ³ / ₁₆	3 ⁷ / ₈	10 ³ / ₁₆	8	5 ¹ / ₁₆	22	25 ⁷ / ₈	3 ¹ / ₄	134	ESB3-150K	3	4 ¹ / ₈	5 ¹ / ₁₆	7 ⁵ / ₁₆	9 ¹ / ₁₆	8	16
80SFU27.5	3	19 ⁵ / ₁₆	12 ³ / ₁₆	3 ⁷ / ₈	10 ³ / ₁₆	8	5 ¹ / ₁₆	22	25 ⁷ / ₈	3 ¹ / ₄	147	ESB3-150K	3	4 ¹ / ₈	5 ¹ / ₁₆	7 ⁵ / ₁₆	9 ¹ / ₁₆	8	16

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

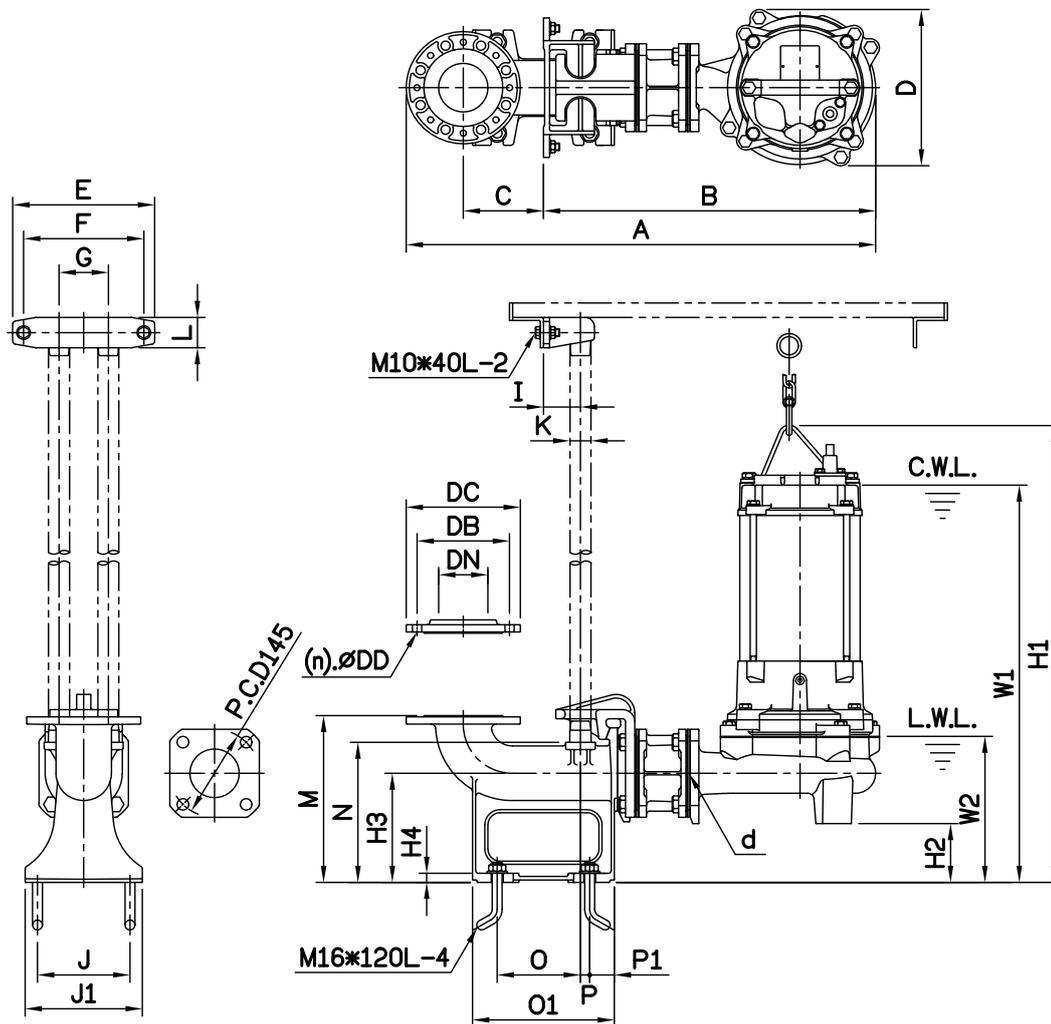
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

NO: T3SFU275030-00

MODEL: 80SFU25.5 / 27.5

50Hz 3Ø



Flange	
Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
ESF3-150	80	150	185	15	8

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
ESF3-150	3	5 ¹⁵ / ₁₆	7 ⁵ / ₁₆	⁹ / ₁₆	8

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	Weight:kg	
																											GRS Set	WT2
80SFU25.5	80	768	545	130	258	230	195	80	60	150	190	1 ¹ / ₄ "	50	275	231	135	230	15	40	655	241	754	97	180	15	61	ST80DH	25
80SFU27.5	80	768	545	130	258	230	195	80	60	150	190	1 ¹ / ₄ "	50	275	231	135	230	15	40	655	241	754	97	180	15	67	ST80DH	25

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	Weight:lb	
																											GRS Set	WT2
80SFU25.5	3	30 ³ / ₄	21 ⁷ / ₁₆	5 ¹ / ₈	10 ³ / ₁₆	9 ¹ / ₁₆	7 ⁷ / ₁₆	3 ³ / ₈	2 ³ / ₈	5 ⁵ / ₁₆	7 ¹ / ₂	1 ¹ / ₄	2	10 ³ / ₁₆	9 ¹ / ₁₆	5 ¹ / ₈	9 ¹ / ₁₆	⁹ / ₁₆	1 ¹ / ₁₆	25 ³ / ₁₆	9 ¹ / ₂	29 ¹ / ₁₆	3 ³ / ₁₆	7 ¹ / ₁₆	⁹ / ₁₆	134	ST80DH	55
80SFU27.5	3	30 ³ / ₄	21 ⁷ / ₁₆	5 ¹ / ₈	10 ³ / ₁₆	9 ¹ / ₁₆	7 ⁷ / ₁₆	3 ³ / ₈	2 ³ / ₈	5 ⁵ / ₁₆	7 ¹ / ₂	1 ¹ / ₄	2	10 ³ / ₁₆	9 ¹ / ₁₆	5 ¹ / ₈	9 ¹ / ₁₆	⁹ / ₁₆	1 ¹ / ₁₆	25 ³ / ₁₆	9 ¹ / ₂	29 ¹ / ₁₆	3 ³ / ₁₆	7 ¹ / ₁₆	⁹ / ₁₆	148	ST80DH	55

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

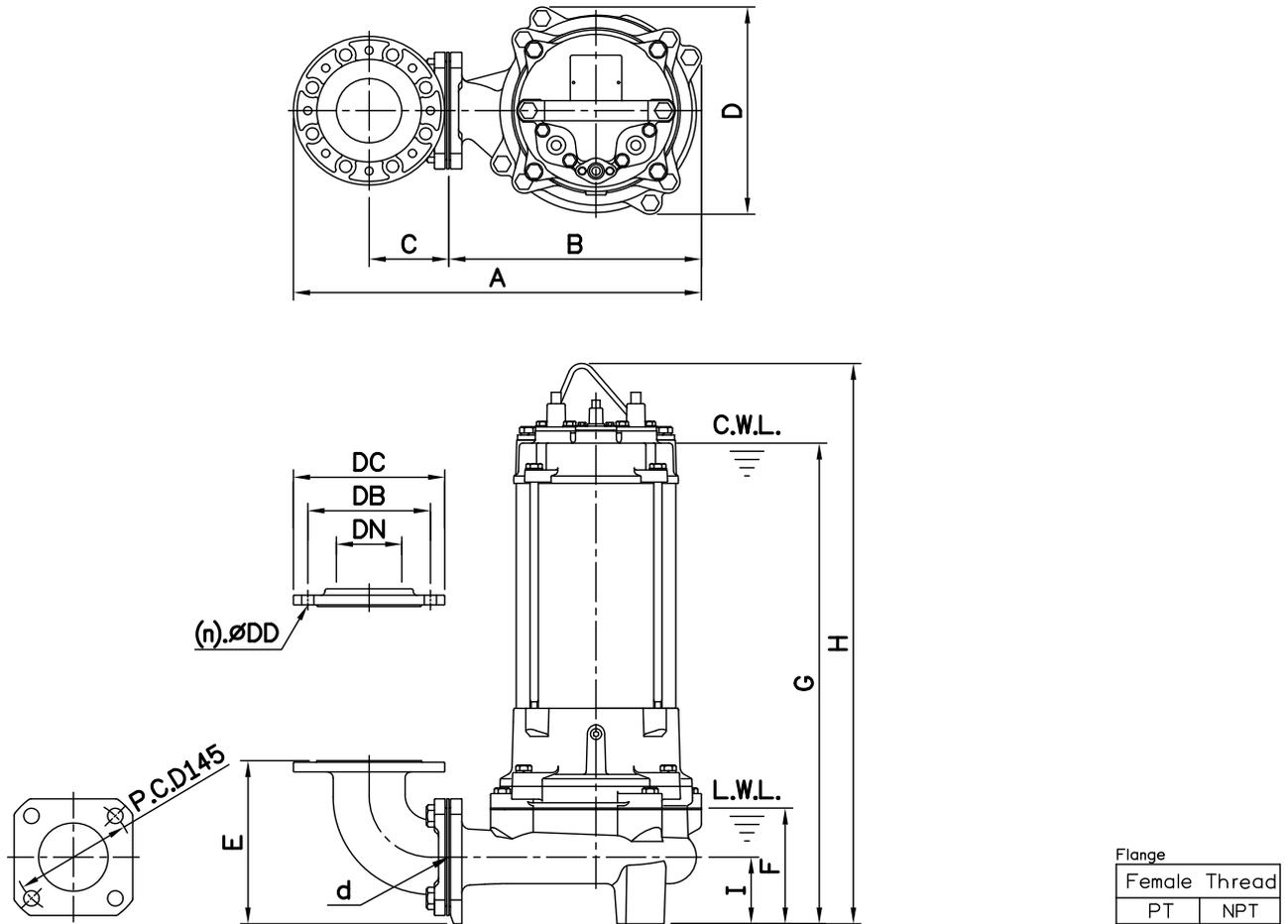
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

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 ⁹ / ₁₆	12 ³ / ₁₆	3 ³ / ₈	10 ³ / ₁₆	8	5 ¹ / ₈	23 ³ / ₁₆	27 ⁷ / ₁₆	3 ³ / ₄	168	ESB3-150K	3	5 ¹ / ₈	7 ⁵ / ₁₆	3 ¹ / ₈	8	16

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

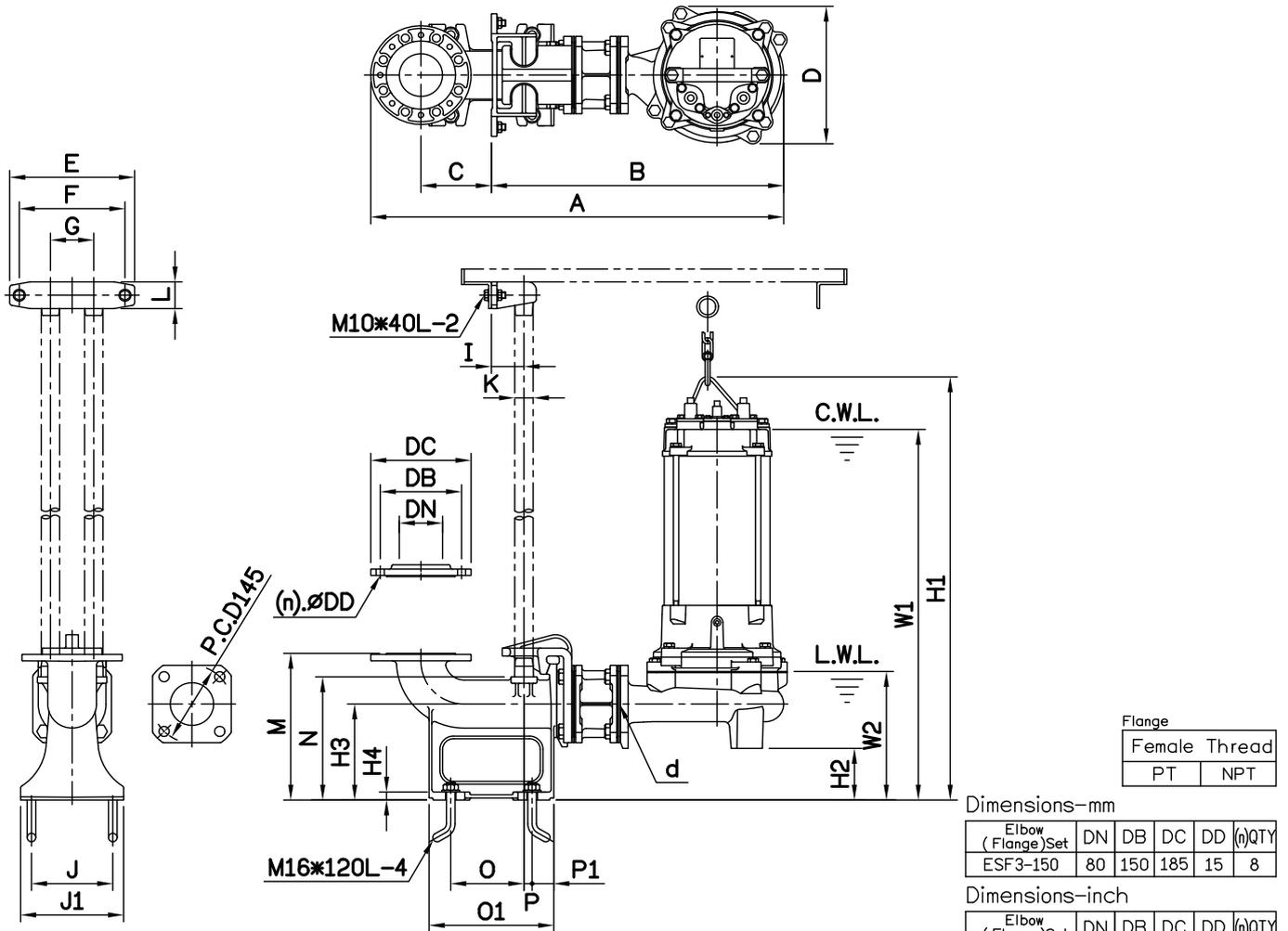
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

NO: T3SFU2A1030-00

MODEL: 80SFU211

50Hz 3Ø



Flange	
Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
ESF3-150	80	150	185	15	8

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
ESF3-150	3	5 ¹⁵ / ₁₆	7 ⁵ / ₁₆	⁹ / ₁₆	8

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 ¹ / ₁₆	5 ¹ / ₈	10 ³ / ₁₆	9 ¹ / ₁₆	7 ¹ / ₁₆	3 ³ / ₈	2 ³ / ₈	5 ¹ / ₁₆	7 ¹ / ₂	1 ¹ / ₄	2	10 ³ / ₁₆	9 ¹ / ₁₆	5 ¹ / ₁₆	9 ¹ / ₁₆	⁹ / ₁₆	1 ¹ / ₁₆	27 ³ / ₁₆	9 ¹ / ₂	31 ¹ / ₄	3 ¹ / 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

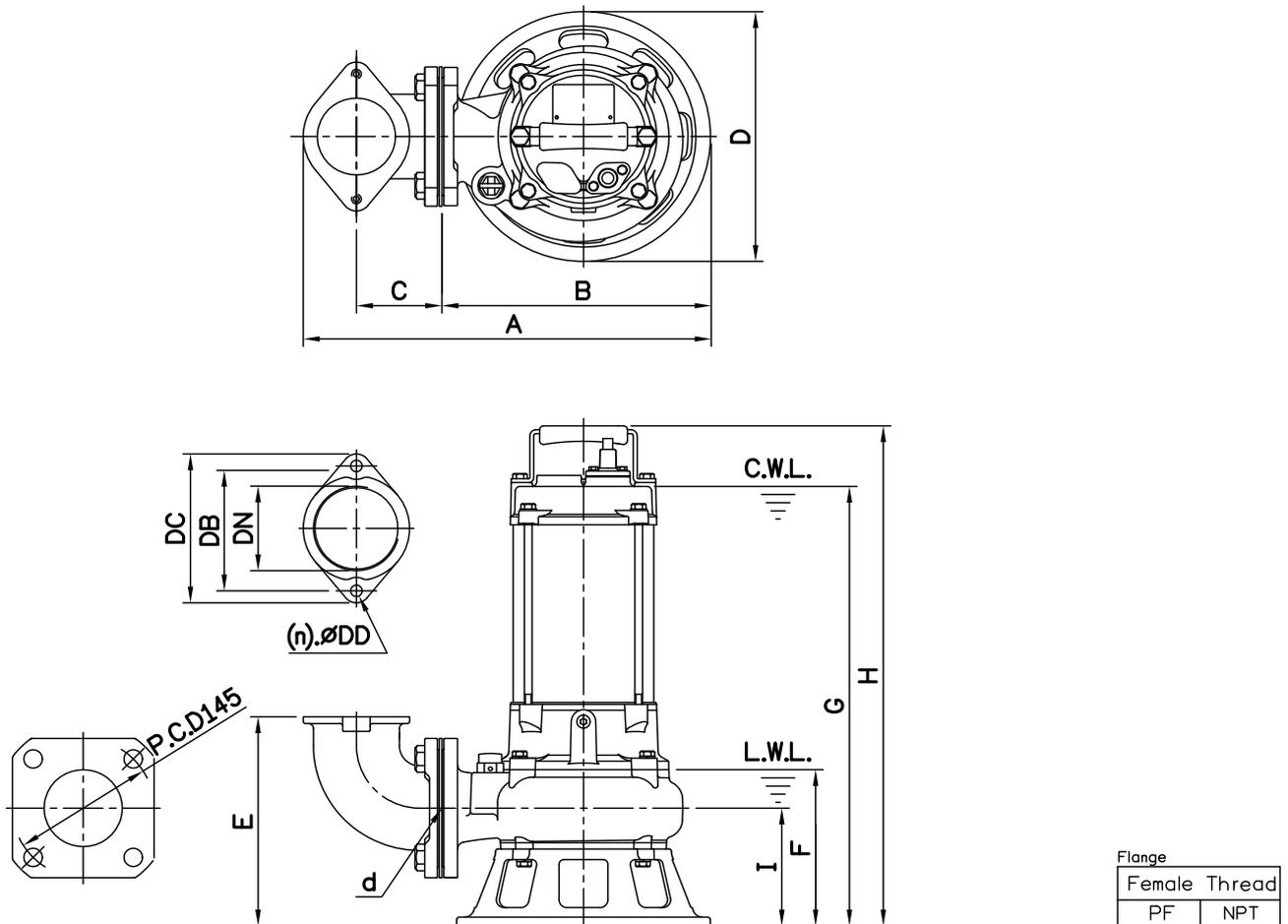
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

DIMENSIONS

NO: S3SFP222030-00

MODEL: 80SFP21.5 / 22.2

50Hz 1Ø / 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
80SFP21.5 1Ø	80	417	275	88	260	218	163	527	590	123	33	ESB3-130K	80	130	155	12	2	4
80SFP21.5 3Ø	80	417	275	88	260	218	163	458	521	123	29	ESB3-130K	80	130	155	12	2	4
80SFP22.2 1Ø	80	417	275	88	260	218	163	539	602	123	37	ESB3-130K	80	130	155	12	2	4
80SFP22.2 3Ø	80	417	275	88	260	218	163	458	521	123	32	ESB3-130K	80	130	155	12	2	4

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
80SFP21.5 1Ø	3	16 ¹ / ₁₆	10 ³ / ₁₆	3 ⁷ / ₁₆	10 ¹ / ₄	8 ⁹ / ₁₆	6 ⁷ / ₁₆	20 ³ / ₄	23 ³ / ₄	4 ¹ / ₁₆	73	ESB3-130K	3	5 ¹ / ₈	6 ¹ / ₈	1/2	2	9
80SFP21.5 3Ø	3	16 ¹ / ₁₆	10 ³ / ₁₆	3 ⁷ / ₁₆	10 ¹ / ₄	8 ⁹ / ₁₆	6 ⁷ / ₁₆	18 ¹ / ₁₆	20 ¹ / ₂	4 ¹³ / ₁₆	64	ESB3-130K	3	5 ¹ / ₈	6 ¹ / ₈	1/2	2	9
80SFP22.2 1Ø	3	16 ¹ / ₁₆	10 ³ / ₁₆	3 ⁷ / ₁₆	10 ¹ / ₄	8 ⁹ / ₁₆	6 ⁷ / ₁₆	21 ¹ / ₄	23 ³ / ₄	4 ¹³ / ₁₆	82	ESB3-130K	3	5 ¹ / ₈	6 ¹ / ₈	1/2	2	9
80SFP22.2 3Ø	3	16 ¹ / ₁₆	10 ³ / ₁₆	3 ⁷ / ₁₆	10 ¹ / ₄	8 ⁹ / ₁₆	6 ⁷ / ₁₆	18 ¹ / ₁₆	20 ¹ / ₂	4 ¹³ / ₁₆	71	ESB3-130K	3	5 ¹ / ₈	6 ¹ / ₈	1/2	2	9

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

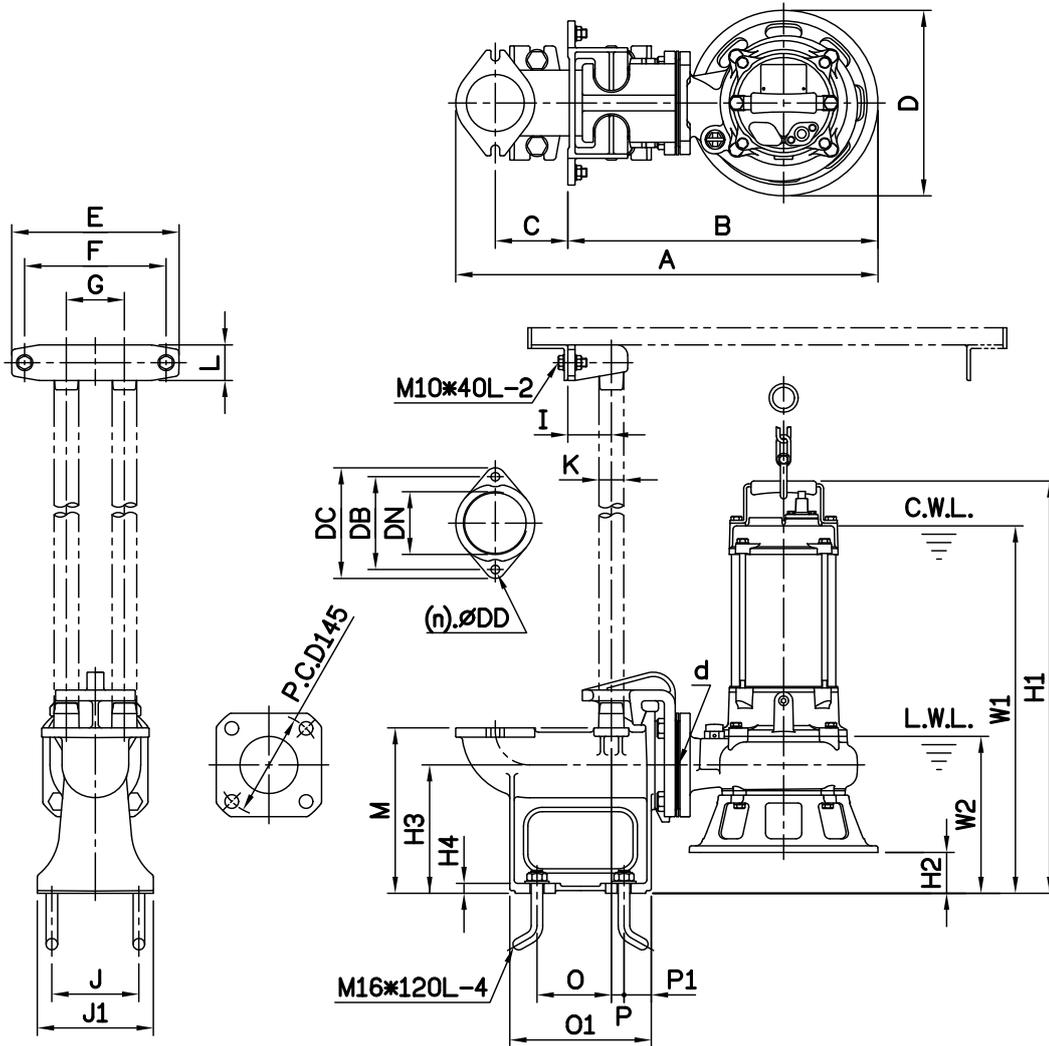
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

NO: T3SFP222030-00

MODEL: 80SFP21.5 / 22.2

50Hz 1Ø / 3Ø



Flange	
Female Thread	
PF	NPT

Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
ESF3-130	80	130	155	12	2

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
ESF3-130	3	5 1/8	6 1/8	1/2	2

Dimensions-mm

Model	d	Dimensions (mm)																		Weight:kg							
		A	B	C	D	E	F	G	I	J	J1	K	L	M	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	GRS Set	WT2
80SFP21.5 1Ø	80	582	428	100	260	230	195	80	60	120	160	1 1/4	50	232	103	195	18	38	584	220	647	58	180	14	33	ST2-80	19
80SFP21.5 3Ø	80	582	428	100	260	230	195	80	60	120	160	1 1/4	50	232	103	195	18	38	515	220	578	58	180	14	29	ST2-80	19
80SFP22.2 1Ø	80	582	428	100	260	230	195	80	60	120	160	1 1/4	50	232	103	195	18	38	596	220	659	58	180	14	37	ST2-80	19
80SFP22.2 3Ø	80	582	428	100	260	230	195	80	60	120	160	1 1/4	50	232	103	195	18	38	515	220	578	58	180	14	32	ST2-80	19

Dimensions-inch

Model	d	Dimensions (inch)																		Weight:lb							
		A	B	C	D	E	F	G	I	J	J1	K	L	M	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	GRS Set	WT2
80SFP21.5 1Ø	3	22 5/16	16 5/8	3 9/16	10 3/4	9 1/16	7 7/16	3 1/8	2 3/8	4 3/4	6 3/16	1 1/4	2	9 1/8	4 1/16	7 1/16	1 1/2	1 1/2	23	8 7/16	25 1/2	2 1/16	7 1/16	9/16	73	ST2-80	42
80SFP21.5 3Ø	3	22 5/16	16 5/8	3 9/16	10 3/4	9 1/16	7 7/16	3 1/8	2 3/8	4 3/4	6 3/16	1 1/4	2	9 1/8	4 1/16	7 1/16	1 1/2	1 1/2	20 3/4	8 7/16	22 3/4	2 1/16	7 1/16	9/16	64	ST2-80	42
80SFP22.2 1Ø	3	22 5/16	16 5/8	3 9/16	10 3/4	9 1/16	7 7/16	3 1/8	2 3/8	4 3/4	6 3/16	1 1/4	2	9 1/8	4 1/16	7 1/16	1 1/2	1 1/2	23 1/16	8 7/16	25 5/16	2 1/16	7 1/16	9/16	82	ST2-80	42
80SFP22.2 3Ø	3	22 5/16	16 5/8	3 9/16	10 3/4	9 1/16	7 7/16	3 1/8	2 3/8	4 3/4	6 3/16	1 1/4	2	9 1/8	4 1/16	7 1/16	1 1/2	1 1/2	20 3/4	8 7/16	22 3/4	2 1/16	7 1/16	9/16	71	ST2-80	42

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

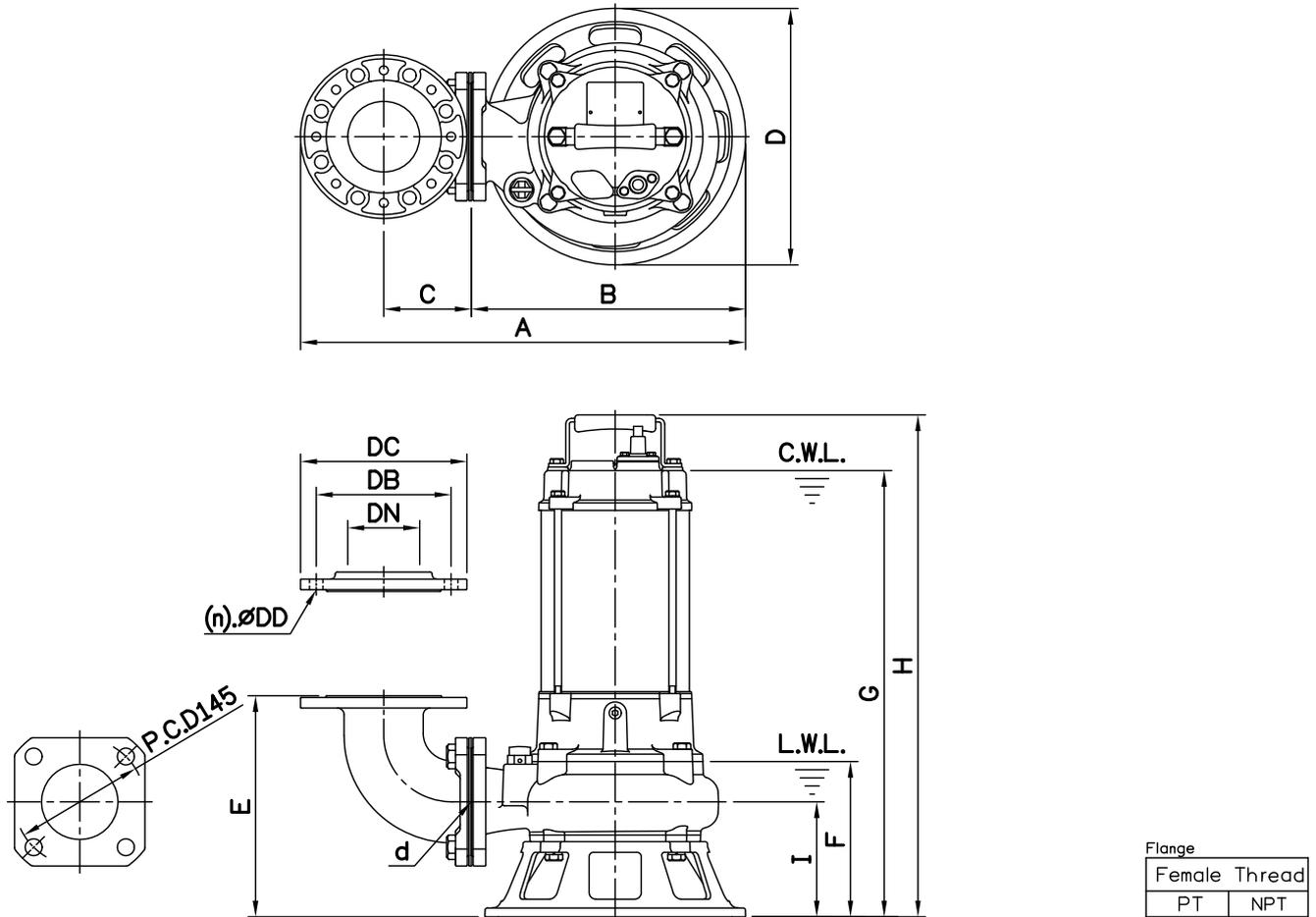
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

DIMENSIONS

NO: S3SFP237032-00

MODEL: 80SFP23.7

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
80SFP23.7	80	495	305	98	290	250	176	505	568	130	43	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
80SFP23.7	3	19½	12	3⅞	11¼	9⅞	6⅞	19⅞	22⅞	5⅞	95	ESB3-150K	3	5⅞	7⅞	⅝	8	16

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

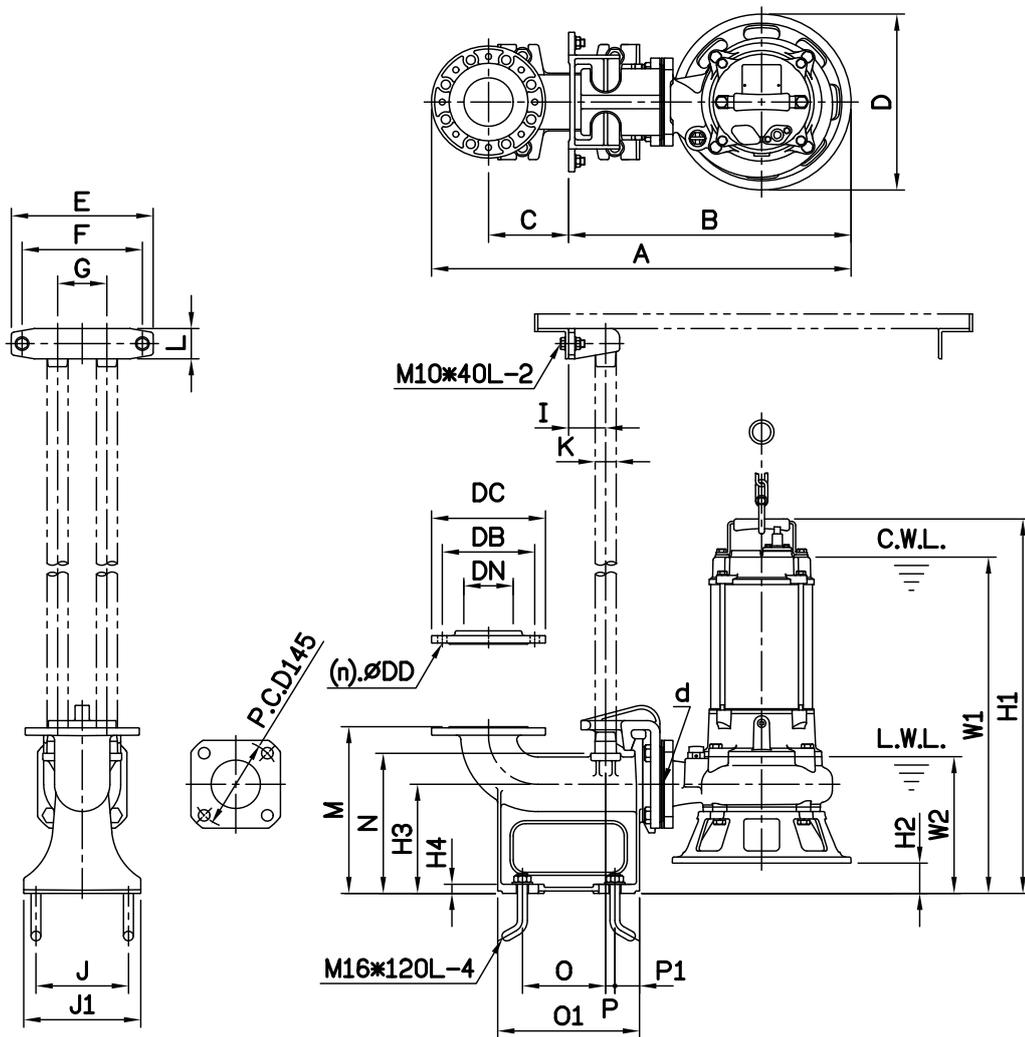
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

NO: T3SFP237032-00

MODEL: 80SFP23.7

3Ø



Flange	
Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
ESF3-150	80	150	185	15	8

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
ESF3-150	3	5 ¹⁵ / ₁₆	7 ⁵ / ₁₆	9 ¹ / ₁₆	8

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	Weight:kg	
																											GRS Set	WT2
80SFP23.7	80	681	458	130	290	230	195	80	60	150	190	1 ¹ / ₄	50	275	231	135	230	15	40	555	226	618	50	180	15	43	ST80D	22

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	Weight:lb	
																											GRS Set	WT2
80SFP23.7	3	26 ¹ / ₈	18 ¹ / ₁₆	5 ¹ / ₈	11 ¹ / ₁₆	9 ¹ / ₁₆	7 ¹¹ / ₁₆	3 ³ / ₈	2 ³ / ₈	5 ¹⁵ / ₁₆	7 ¹ / ₂	1 ¹ / ₄	2	10 ³ / ₁₆	9 ¹ / ₁₆	5 ¹ / ₁₆	9 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	21 ¹ / ₈	8 ⁷ / ₈	24 ⁵ / ₁₆	1 ¹ / ₁₆	7 ¹ / ₁₆	9 ¹ / ₁₆	95	ST80D	49

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

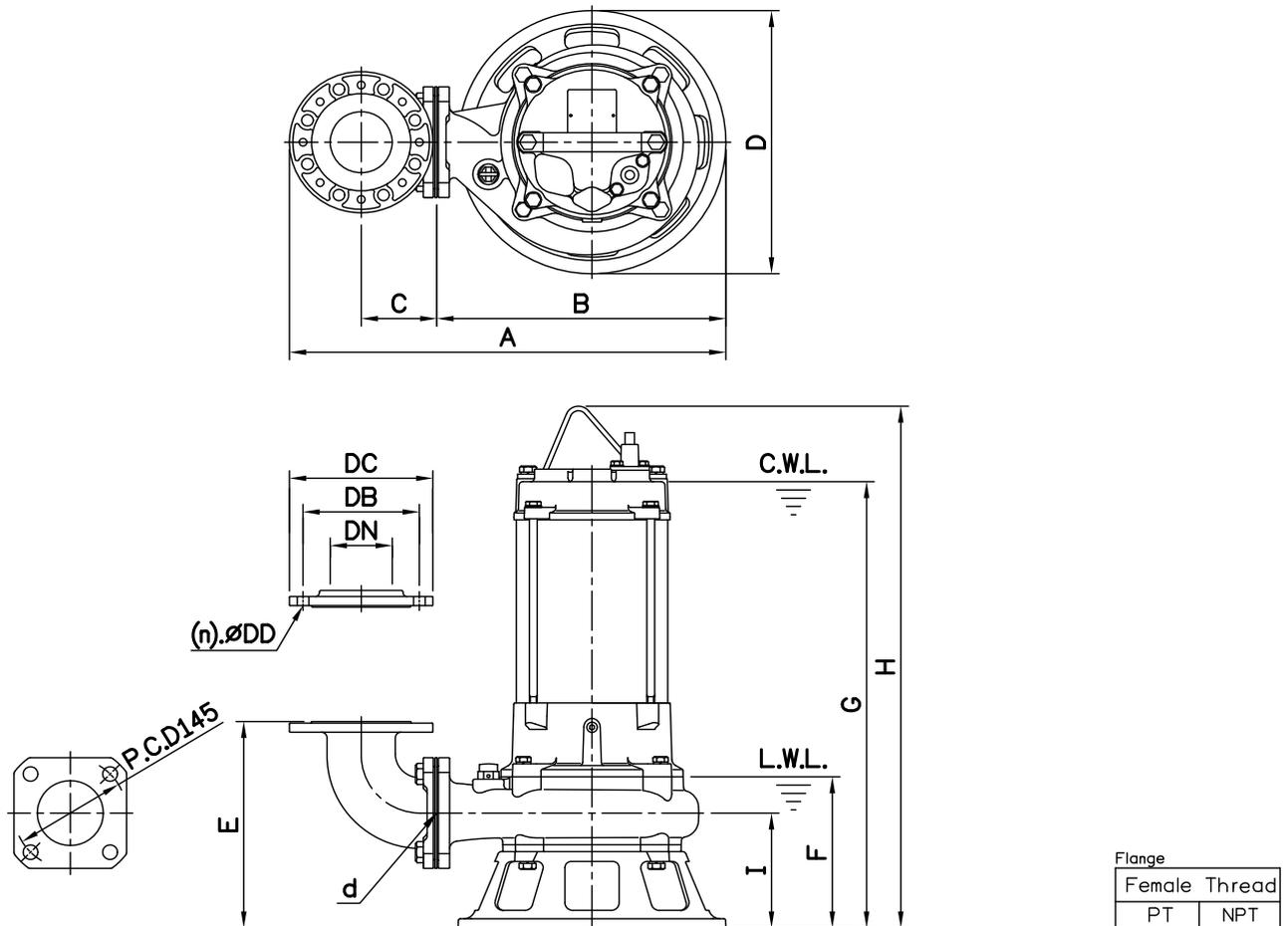
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

DIMENSIONS

NO: S3SFP275030-00

MODEL: 80(100)SFP25.5 / 27.5

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
80(100)SFP25.5	80	563	373	98	345	271	198	585	684	151	67	ESB3-150K	80	150	185	15	8	7
80(100)SFP25.5	80	591	373	113	345	276	198	585	684	151	67	ESB4-175(145)K	100	175	210	15	8	10
80(100)SFP27.5	80	563	373	98	345	271	198	585	684	151	73	ESB3-150K	80	150	185	15	8	7
80(100)SFP27.5	80	591	373	113	345	276	198	585	684	151	73	ESB4-175(145)K	100	175	210	15	8	10

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
80(100)SFP25.5	3	22 ³ / ₁₆	14 ⁷ / ₁₆	3 ⁷ / ₈	13 ³ / ₁₆	10 ¹ / ₁₆	7 ⁷ / ₈	23 ³ / ₁₆	26 ⁵ / ₁₆	5 ⁷ / ₈	148	ESB3-150K	3	5 ⁷ / ₈	7 ⁷ / ₁₆	3 ⁷ / ₁₆	8	16
80(100)SFP25.5	3	23 ³ / ₄	14 ⁷ / ₁₆	4 ⁷ / ₁₆	13 ³ / ₁₆	10 ⁷ / ₁₆	7 ⁷ / ₈	23 ³ / ₁₆	26 ⁵ / ₁₆	5 ⁵ / ₈	148	ESB4-175(145)K	4	6 ⁵ / ₈	8 ⁵ / ₄	3 ⁷ / ₁₆	8	21
80(100)SFP27.5	3	22 ³ / ₁₆	14 ⁷ / ₁₆	3 ⁷ / ₈	13 ³ / ₁₆	10 ¹ / ₁₆	7 ⁷ / ₈	23 ³ / ₁₆	26 ⁵ / ₁₆	5 ¹⁵ / ₁₆	161	ESB3-150K	3	5 ⁷ / ₈	7 ⁷ / ₁₆	3 ⁷ / ₁₆	8	16
80(100)SFP27.5	3	23 ³ / ₄	14 ⁷ / ₁₆	4 ⁷ / ₁₆	13 ³ / ₁₆	10 ⁷ / ₁₆	7 ⁷ / ₈	23 ³ / ₁₆	26 ⁵ / ₁₆	5 ⁷ / ₈	161	ESB4-175(145)K	4	6 ⁵ / ₈	8 ³ / ₄	3 ⁷ / ₁₆	8	21

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

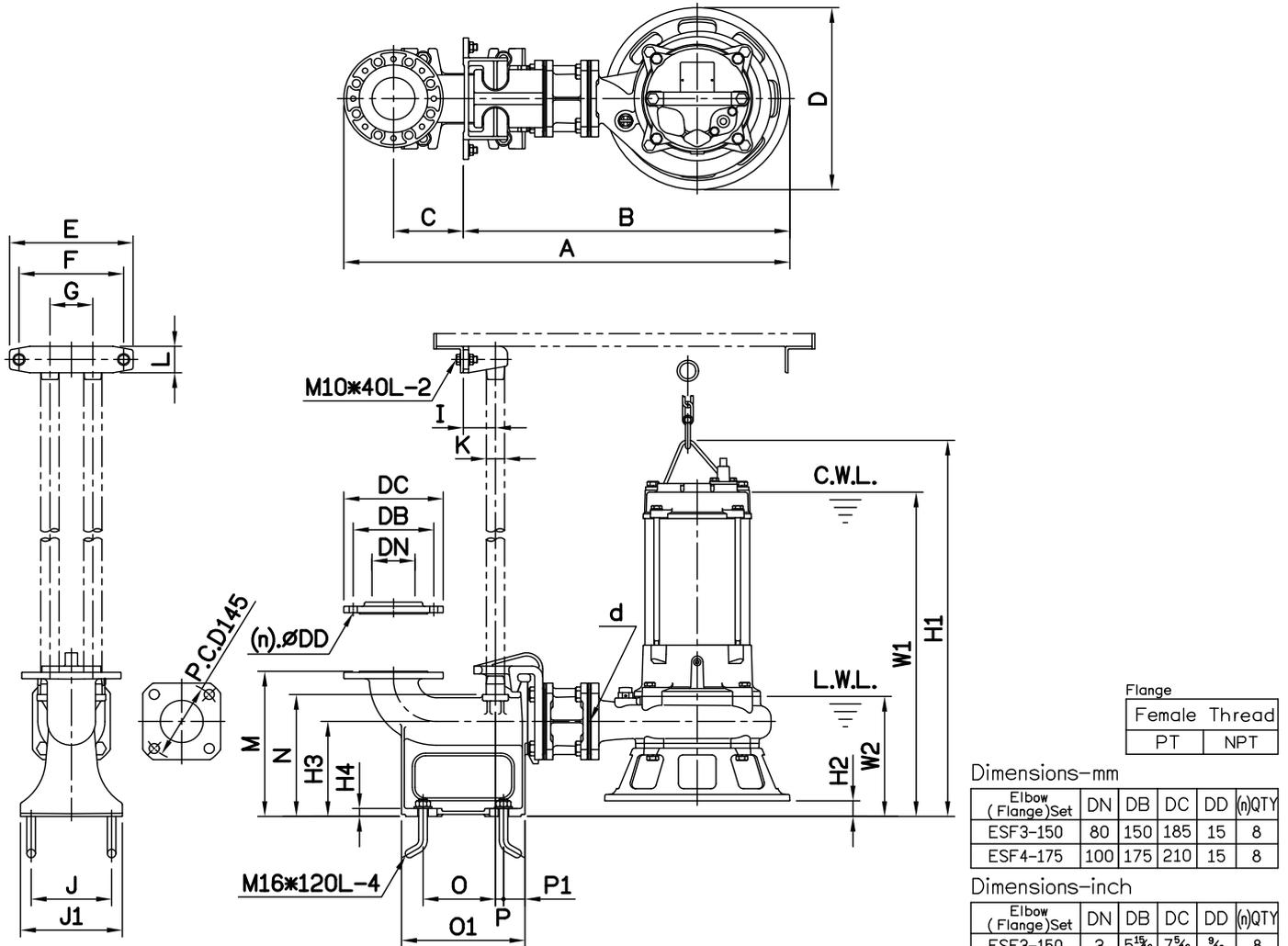
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

NO: T3SFP275030-00

MODEL: 80(100)SFP25.5 / 27.5

50Hz 3Ø



Flange	
Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
ESF3-150	80	150	185	15	8
ESF4-175	100	175	210	15	8

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
ESF3-150	3	5 ⁷ / ₈	7 ³ / ₈	¹ / ₂	8
ESF4-175	4	6 ⁷ / ₈	8 ¹ / ₄	¹ / ₂	8

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	Weight:kg	
																											GRS Set	WT2
80(100)SFP25.5	80	832	609	130	345	230	195	80	60	150	190	1 ¹ / ₄	50	275	231	135	230	15	40	615	228	714	30	180	15	67	ST80DH	25
80(100)SFP27.5	80	832	609	130	345	230	195	80	60	150	190	1 ¹ / ₄	50	275	231	135	230	15	40	615	228	714	30	180	15	73	ST80DH	25
80(100)SFP25.5	80	864	609	150	345	230	195	80	60	170	210	1 ¹ / ₄	50	285	231	155	250	15	40	615	228	714	30	180	15	67	ST100(80)BH	28
80(100)SFP27.5	80	864	609	150	345	230	195	80	60	170	210	1 ¹ / ₄	50	285	231	155	250	15	40	615	228	714	30	180	15	73	ST100(80)BH	28

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	Weight:lb	
																											GRS Set	WT2
80(100)SFP25.5	3	32 ³ / ₄	24	5 ¹ / ₈	13 ³ / ₈	9 ¹ / ₈	7 ³ / ₈	3 ³ / ₈	2 ³ / ₈	5 ⁷ / ₈	7 ¹ / ₂	1 ¹ / ₄	2	10 ³ / ₈	9 ¹ / ₈	5 ¹ / ₈	9 ¹ / ₈	⁹ / ₁₆	1 ¹ / ₈	24 ¹ / ₈	9	28 ¹ / ₂	1 ³ / ₈	7 ¹ / ₈	⁹ / ₁₆	148	ST80DH	55
80(100)SFP27.5	3	32 ³ / ₄	24	5 ¹ / ₈	13 ³ / ₈	9 ¹ / ₈	7 ³ / ₈	3 ³ / ₈	2 ³ / ₈	5 ⁷ / ₈	7 ¹ / ₂	1 ¹ / ₄	2	10 ³ / ₈	9 ¹ / ₈	5 ¹ / ₈	9 ¹ / ₈	⁹ / ₁₆	1 ¹ / ₈	24 ¹ / ₈	9	28 ¹ / ₂	1 ³ / ₈	7 ¹ / ₈	⁹ / ₁₆	161	ST80DH	55
80(100)SFP25.5	3	34	24	5 ¹⁵ / ₁₆	13 ³ / ₈	9 ¹ / ₈	7 ³ / ₈	3 ³ / ₈	2 ³ / ₈	6 ¹ / ₈	8 ¹ / ₄	1 ¹ / ₄	2	11 ¹ / ₄	9 ¹ / ₈	6 ¹ / ₈	9 ³ / ₁₆	⁹ / ₁₆	1 ¹ / ₈	24 ¹ / ₈	9	28 ¹ / ₂	1 ³ / ₈	7 ¹ / ₈	⁹ / ₁₆	148	ST100(80)BH	62
80(100)SFP27.5	3	34	24	5 ¹⁵ / ₁₆	13 ³ / ₈	9 ¹ / ₈	7 ³ / ₈	3 ³ / ₈	2 ³ / ₈	6 ¹ / ₈	8 ¹ / ₄	1 ¹ / ₄	2	11 ¹ / ₄	9 ¹ / ₈	6 ¹ / ₈	9 ³ / ₁₆	⁹ / ₁₆	1 ¹ / ₈	24 ¹ / ₈	9	28 ¹ / ₂	1 ³ / ₈	7 ¹ / ₈	⁹ / ₁₆	161	ST100(80)BH	62

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

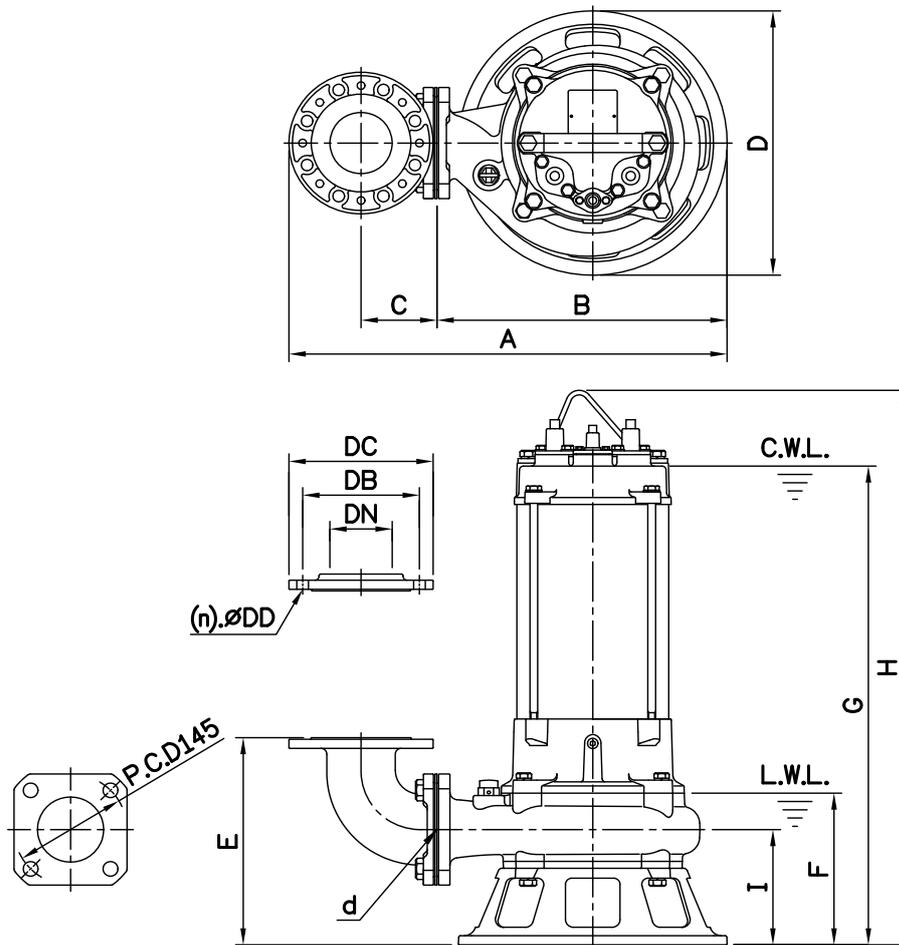
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

DIMENSIONS

NO: S3SFP2A1030-00

MODEL: 80(100)SFP211

50Hz 3Ø



Flange	
Female Thread	
PT	NPT

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
80(100)SFP211	80	563	373	98	345	271	198	625	724	151	82	ESB3-150K	80	150	185	15	8	7
80(100)SFP211	80	591	373	113	345	276	198	625	724	151	82	ESB4-175(145)K	100	175	210	15	8	10

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
80(100)SFP211	3	22 ³ / ₁₆	14 ⁷ / ₁₆	3 ⁷ / ₁₆	13 ³ / ₁₆	10 ¹ / ₁₆	7 ⁷ / ₁₆	24 ⁵ / ₁₆	28 ¹ / ₂	5 ¹⁵ / ₁₆	181	ESB3-150K	3	5 ¹⁵ / ₁₆	7 ⁵ / ₁₆	⁹ / ₁₆	8	16
80(100)SFP211	3	23 ³ / ₄	14 ⁷ / ₁₆	4 ¹ / ₁₆	13 ³ / ₁₆	10 ¹ / ₁₆	7 ⁷ / ₁₆	24 ⁵ / ₁₆	28 ¹ / ₂	5 ¹⁵ / ₁₆	181	ESB4-175(145)K	4	6 ⁷ / ₈	8 ¹ / ₄	⁹ / ₁₆	8	21

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

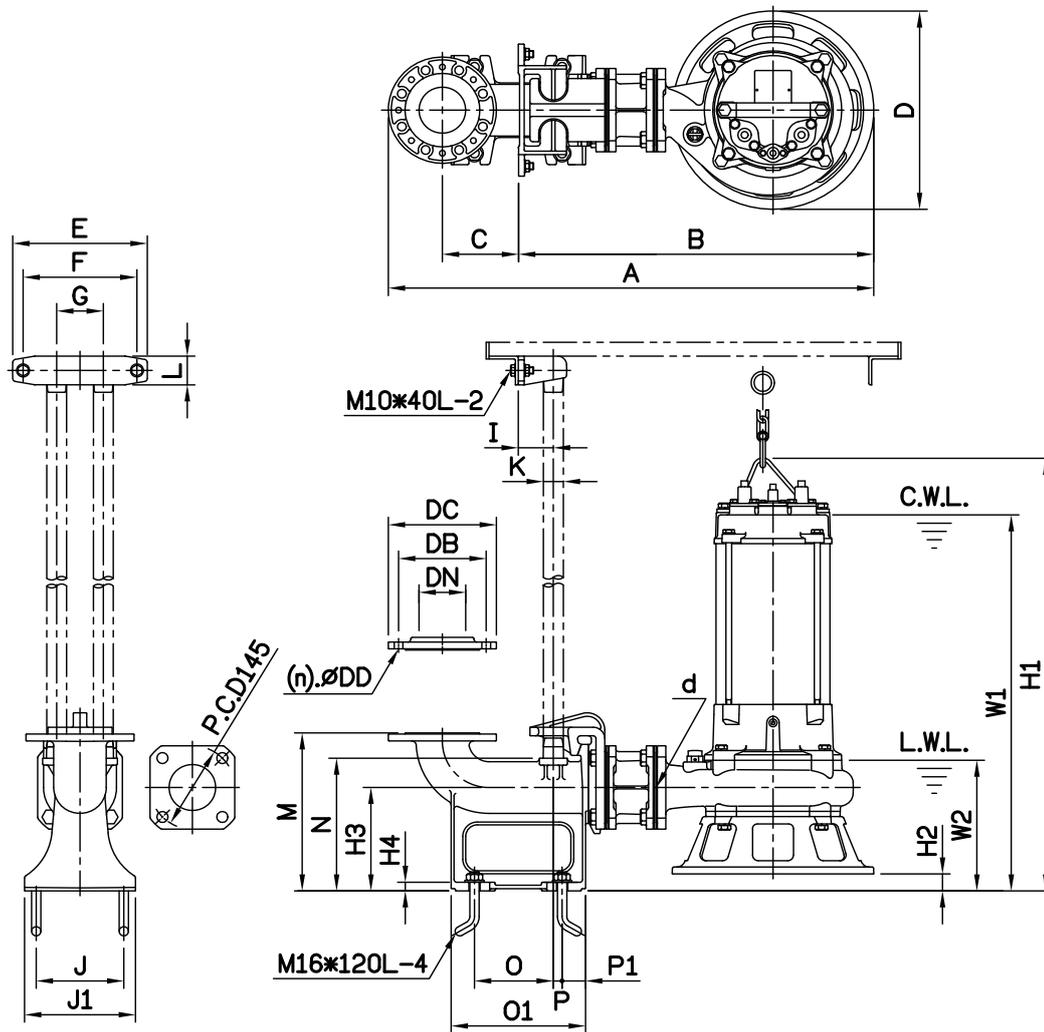
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

NO: T3SFP2A1030-00

MODEL: 80(100)SFP211

50Hz 3Ø



Flange	
Female Thread	
PT	NPT

Dimensions—mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
ESF3-150	80	150	185	15	8
ESF4-175	100	175	210	15	8

Dimensions—inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
ESF3-150	3	5 ⁷ / ₈	7 ³ / ₈	⁵ / ₈	8
ESF4-175	4	6 ⁷ / ₈	8 ¹ / ₄	⁵ / ₈	8

Dimensions—mm

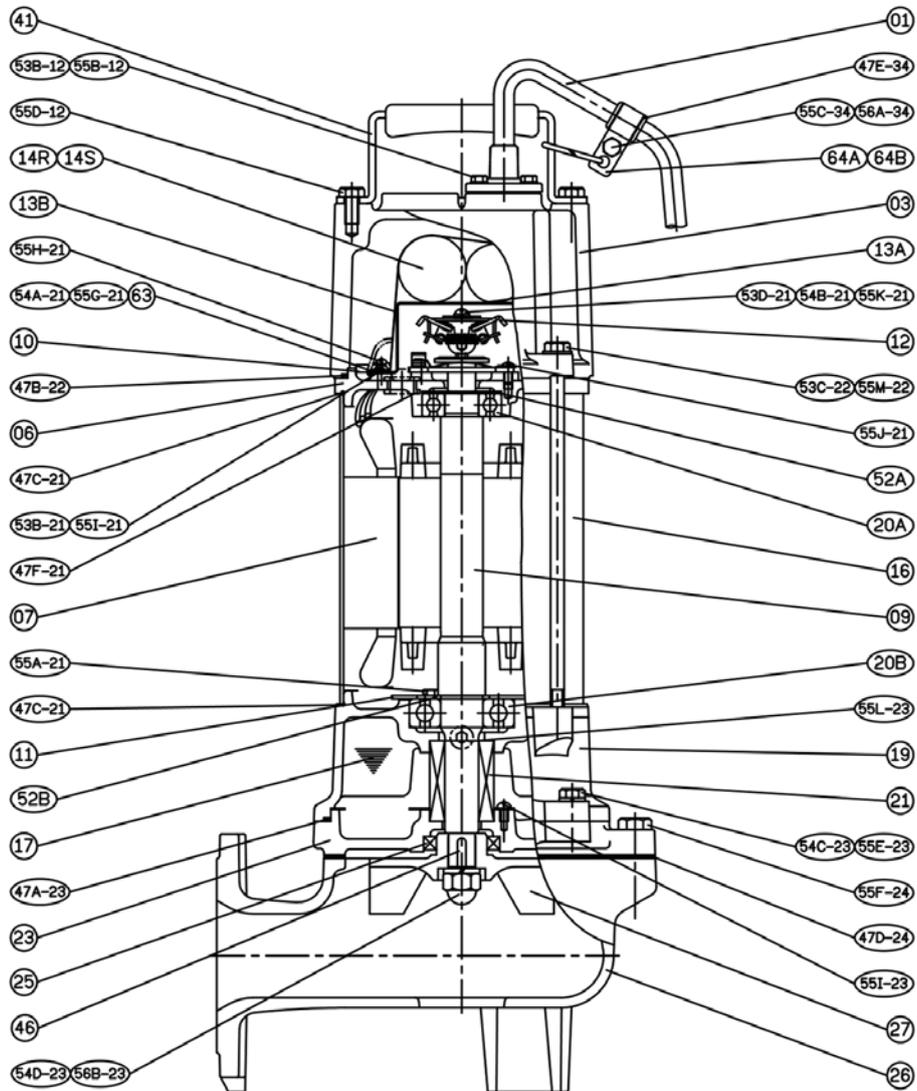
Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	Weight:kg	
																											GRS Set	WT2
80(100)SFP211	80	832	609	130	345	230	195	80	60	150	190	1 ¹ / ₄	50	275	231	135	230	15	40	655	228	754	30	180	15	82	ST80DH	25
80(100)SFP211	80	864	609	150	345	230	195	80	60	170	210	1 ¹ / ₄	50	285	231	155	250	15	40	655	228	754	30	180	15	82	ST100(80)BH	28

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	Weight:lb	
																											GRS Set	WT2
80(100)SFP211	3	32 ³ / ₄	24	5 ¹ / ₈	13 ³ / ₈	9 ¹ / ₈	7 ¹ / ₈	3 ³ / ₈	2 ³ / ₈	5 ⁷ / ₈	7 ¹ / ₂	1 ¹ / ₄	2	10 ³ / ₈	9 ¹ / ₈	5 ⁵ / ₈	9 ¹ / ₈	¹ / ₈	1 ¹ / ₈	25 ³ / ₈	9	29 ¹ / ₈	1 ³ / ₈	7 ¹ / ₈	⁹ / ₈	181	ST80DH	55
80(100)SFP211	3	34	24	5 ¹⁵ / ₈	13 ³ / ₈	9 ¹ / ₈	7 ¹ / ₈	3 ³ / ₈	2 ³ / ₈	6 ¹ / ₈	8 ¹ / ₄	1 ¹ / ₄	2	11 ¹ / ₄	9 ¹ / ₈	6 ⁵ / ₈	9 ¹³ / ₈	¹ / ₈	1 ¹ / ₈	25 ¹ / ₈	9	29 ¹ / ₈	1 ³ / ₈	7 ¹ / ₈	⁹ / ₈	181	ST100(80)BH	62

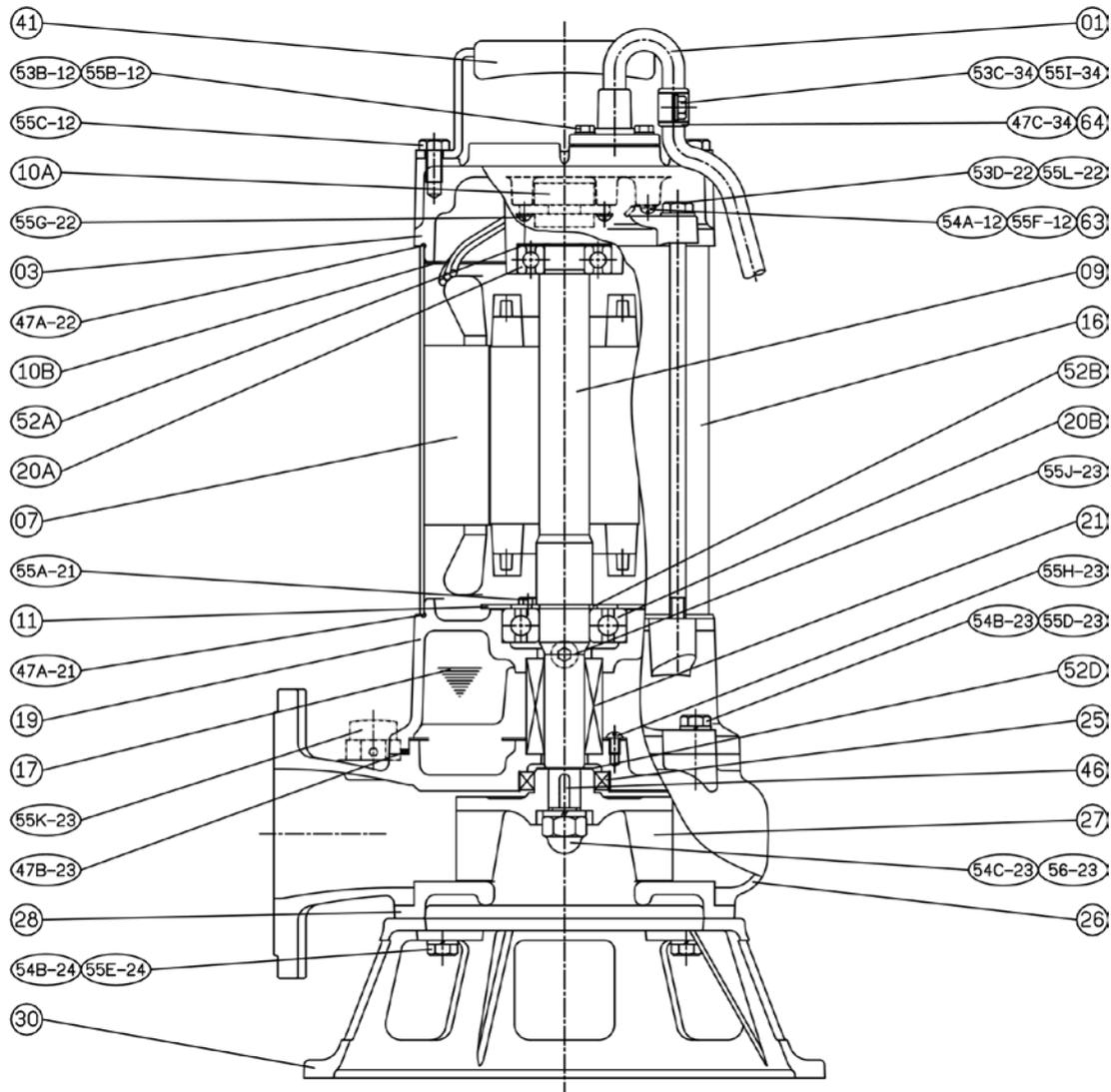
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level

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



NO.	Part name	Material	QTY
01	Cable		1
03	Upper Cover	SCS14	1
06	Bracket	SCS14	1
07	Stator		1
09	Shaft End	SUS316	1
10	Auto-cut Protector		1
11	Bearing Fixer	SPCC	1
12	Centrifugal Switch		1
14R	Capacitor		1
14S	Start Capacitor		1
16	Motor Frame	SUS316	1
17	Lubricant		
19	Bearing Bracket	SCS14	1
20A	Bearing		1

NO.	Part name	Material	QTY
20B	Bearing		1
21	M. Seal	CA/CE & SiC/SiC	1
23	M. Seal Bracket	SCS14	1
25	Oil Seal	VITON	1
26	Casing	SCS14	1
27	Impeller	SCS14	1
41	Handle	SUS304	1
46	Impeller Key	SUS304	1
47	Gasket Kit		



NO.	Part name	Material	QTY
01	Cable		1
03	Upper Cover	SCS14	1
06	Bracket	SCS14	1
07	Stator		1
09	Shaft End	SUS316	1
10	Auto-cut Protector		1
11	Bearing Fixer	SPCC	1
12	Centrifugal Switch		1
14R	Capacitor		1
14S	Start Capacitor		1
16	Motor Frame	SUS316	1
17	Lubricant		
19	Bearing Bracket	SCS14	1
20A	Bearing		1

NO.	Part name	Material	QTY
20B	Bearing		1
21	M. Seal	CA/CE & SiC/SiC	1
25	Oil Seal	VITON	1
26	Casing	SCS14	1
27	Impeller	SCS14	1
28	Casing Cover	SCS14	1
30	Footing	SCS14	1
41	Handle	SUS304	1
46	Impeller Key	SUS304	1
47	Gasket Kit		



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