

# AF SERIES

## SUBMERSIBLE SEWAGE / WASTEWATER PUMPS

**POWER :** 0.5~15HP (0.4~11kW)

**MAX.HEAD :** 52.5m (172feet)

**MAX.FLOW :** 3.9m<sup>3</sup>/min (234m<sup>3</sup>/h)



### PRODUCT NOMENCLATURE

Example: 

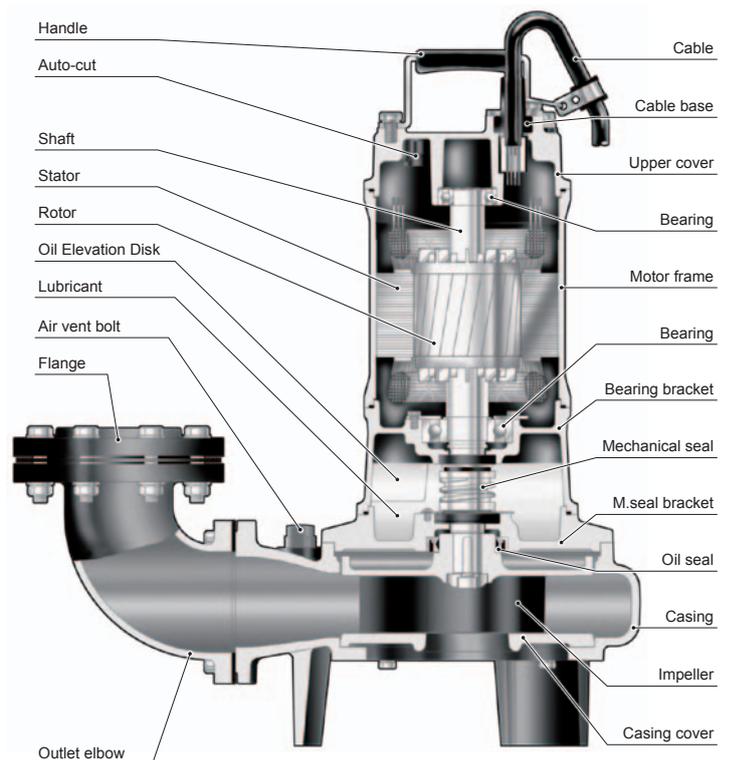
80(100)	AF	E	4	2.2
Discharge mm	Type	Impeller type	Pole	kW

### FEATURE

- Pump body is made of cast iron and with high solids epoxy coating which offers the highest quality and performance.
- Triangular handle is designed for easy handling on Guide Rail System (model above 5HP).
- Oil Elevation Disk design in the oil chamber to ensure the mechanical seals lubrication and to extend the service life of pump.
- Eco-friendly Food Grade Lubricant to keep wastewater applications a toxic free environment.

### APPLICATIONS

- Residential buildings, hospitals, commercial buildings and household usages.
- Livestock farming, pig farming, dairy farming and sewage treatment.
- Food industry, pulp and paper industry, mining, dyeing and finishing factory, leather factory, steel manufacturer, electronics industry and wastewater treatment.
- Hydraulic engineering and flood control.
- Sanitary sewer pumping.



# AF SERIES SUBMERSIBLE SEWAGE / WASTEWATER PUMPS

50AFU2.4 · 50AFU2.8 · 50AFU21.5 · 80AFU21.5 · 80AFU22.2 · 80AFU23.7A

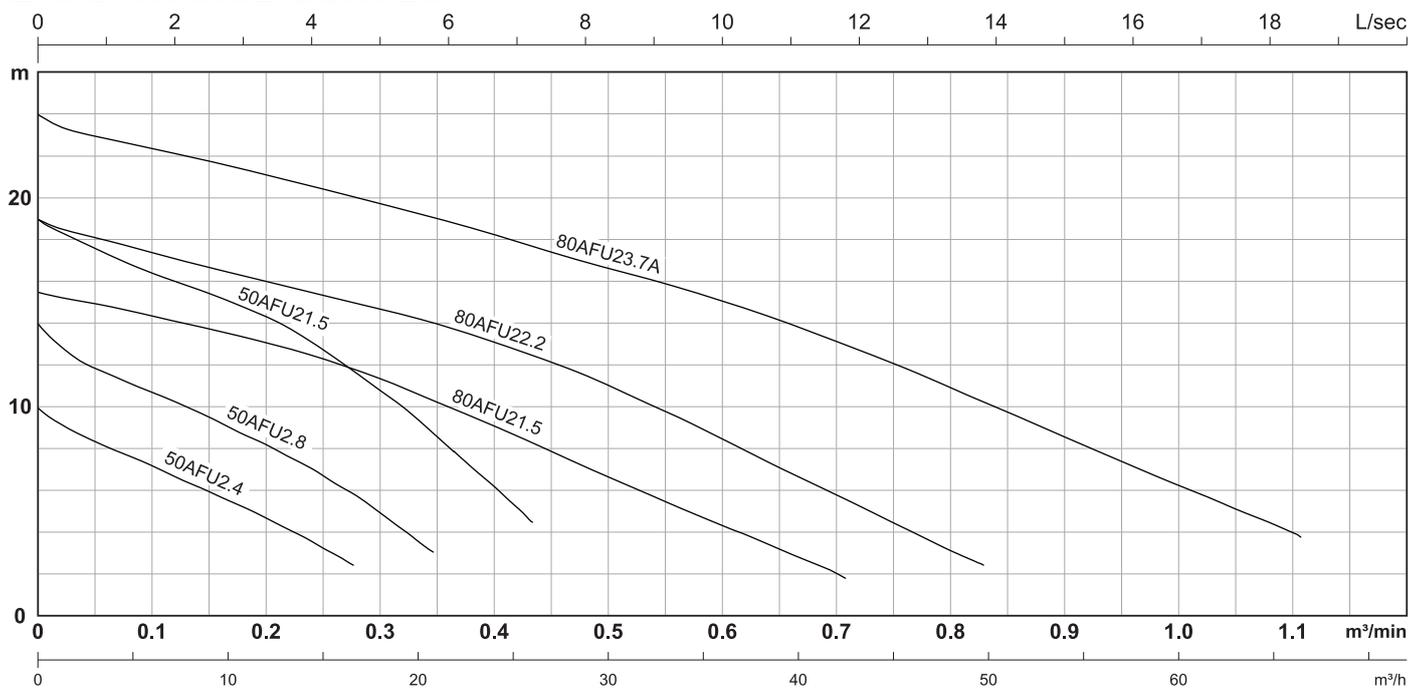
## SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Wastewater · Sewage
Type	Frequency	50Hz
	Motor	2P(3000rpm) · Dry Motor
	Insulation	Class B(0.5~1HP) · Class F(2~5HP)
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Vortex
Material	Upper Cover	FC200
	Motor Frame	FC200
	Shaft	SUS410(0.5~1HP) · SUS403(2~5HP)
	M.seal	CA/CE & SiC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SJOW/SOW
	Optional	-



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)								
50AFU2.4	0.5(0.4)	2"(50)	6-0.15	6-9	10-0.3	10-18	35(1 3/8")	19(42)	18(40)	Full load Ampere	3.4	3.3	2.4	1.4	1.3	1.3	1.1
50AFU2.8	1(0.75)	2"(50)	8-0.2	8-12	14-0.36	14-21.6	35(1 3/8")	20(44)	19(42)		5.4	5.2	3.5	2.0	1.9	1.9	1.5
50AFU21.5	2(1.5)	2"(50)	14-0.2	14-12	19-0.45	19-27	35(1 3/8")	33(73)	29(64)		10.2	10.0	6.2	3.6	3.4	3.4	2.7
80AFU21.5	2(1.5)	3"(80)	8.5-0.4	8.5-24	15.5-0.75	15.5-45	50(2")	35(77)	32(71)		10.2	10.0	6.2	3.6	3.4	3.4	2.7
80AFU22.2	3(2.2)	3"(80)	12.5-0.4	12.5-24	19-0.85	19-51	50(2")	38(84)	34(75)		15.0	14.6	8.8	5.0	4.8	4.8	3.8
80AFU23.7A	5(3.7)	3"(80)	16.5-0.5	16.5-30	24-1.15	24-69	50(2")	-	46(101)		-	-	14.2	8.2	7.8	7.8	6.2

## PERFORMANCE CURVES



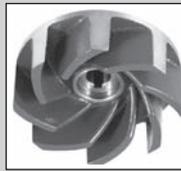
Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min Q:m³/h	H:m										Q:L/sec							
				0.1 6	0.2 12	0.3 18	0.4 24	0.5 30	0.6 36	0.8 48	1.0 60	2	4	6	8	10	12	14	16		
50AFU2.4	0.5(0.4)	2"(50)		7.2	4.7	-	-	-	-	-	-	-	-	6.7	3.5	-	-	-	-	-	-
50AFU2.8	1(0.75)	2"(50)		10.7	8.1	4.9	-	-	-	-	-	-	-	10.3	7.1	-	-	-	-	-	-
50AFU21.5	2(1.5)	2"(50)		16.4	14.3	10.8	6.2	-	-	-	-	-	-	16.0	13.1	8.1	-	-	-	-	-
80AFU21.5	2(1.5)	3"(80)		14.3	13.0	11.4	9.1	6.5	4.3	-	-	-	-	14.1	12.5	10.0	6.9	4.3	-	-	-
80AFU22.2	3(2.2)	3"(80)		16.4	16.0	14.6	13.1	11.0	8.5	3.3	-	-	-	17.1	15.5	13.3	10.5	8.5	5.4	2.3	-
80AFU23.7A	5(3.7)	3"(80)		22.3	21.2	19.8	18.3	16.8	15.3	10.9	6.2	-	-	22.1	20.6	18.8	17.1	15.3	12.9	10.0	7.6

# AF SERIES SUBMERSIBLE SEWAGE / WASTEWATER PUMPS

## 80AFU25.5 · 80AFU27.5 · 80AFU211

### SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Wastewater · Sewage
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	FC200
	Motor Frame	FC200
	Shaft	SUS403(7.5~10HP) · SUS420J2(15HP)
	M.seal	CA/CE & SIC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SOW
Optional	-	



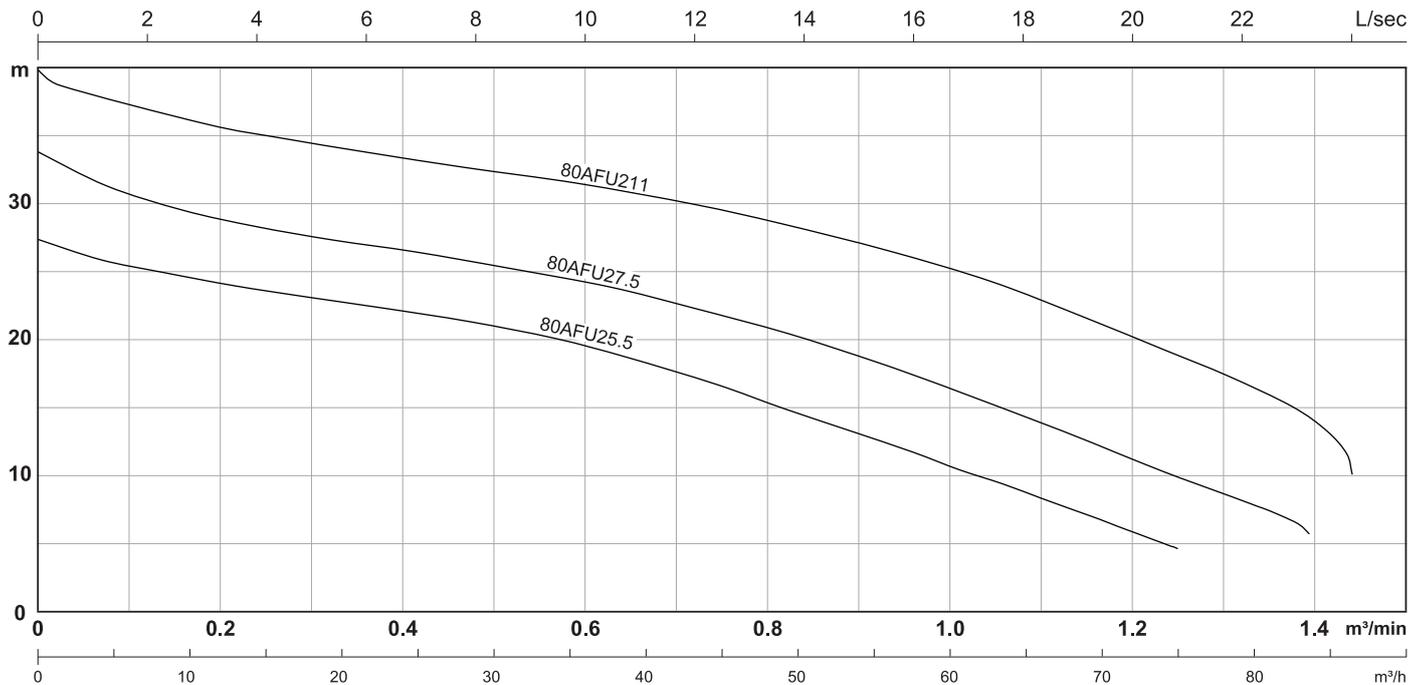
U Type Vortex Impeller



80AFU25.5 · 80AFU27.5 · 80AFU211

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)								
80AFU25.5	7.5(5.5)	3"(80)	19.5-0.6	19.5-36	27.5-1.3	27.5-78	50(2")	-	68(150)	Full load Ampere	-	-	20.6	11.7	11.4	11.4	9.1
80AFU27.5	10(7.5)	3"(80)	24-0.6	24-36	34-1.45	34-87	50(2")	-	74(163)		-	-	27.6	15.7	15.2	15.2	12.2
80AFU211	15(11)	3"(80)	31.5-0.6	31.5-36	40-1.5	40-90	50(2")	-	85(187)		-	-	39.0	22.2	21.6	21.6	17.3

### PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min								Q:L/sec	H:m							
			0.2	0.4	0.6	0.8	1.0	1.2	1.4	2		4	6	8	10	14	18	22	
80AFU25.5	7.5(5.5)	3"(80)	24.5	21.9	19.5	15.6	11.0	5.8	-	H:m	25.6	24.0	22.4	20.9	19.5	14.7	9.0	-	
80AFU27.5	10(7.5)	3"(80)	29.0	26.6	24.2	20.6	16.5	11.9	-		30.2	28.4	27.0	25.8	24.2	19.9	14.7	8.6	
80AFU211	15(11)	3"(80)	35.6	33.4	31.5	28.6	25.2	20.2	14.0		37.0	35.0	33.8	32.6	31.5	28.0	23.4	16.8	

# AF SERIES SUBMERSIBLE SEWAGE / WASTEWATER PUMPS

50AFU2.4L · 50AFU2.8L · 50AFU21.5L · 80AFU21.5L · 80AFU22.2L · 80AFU23.7LA

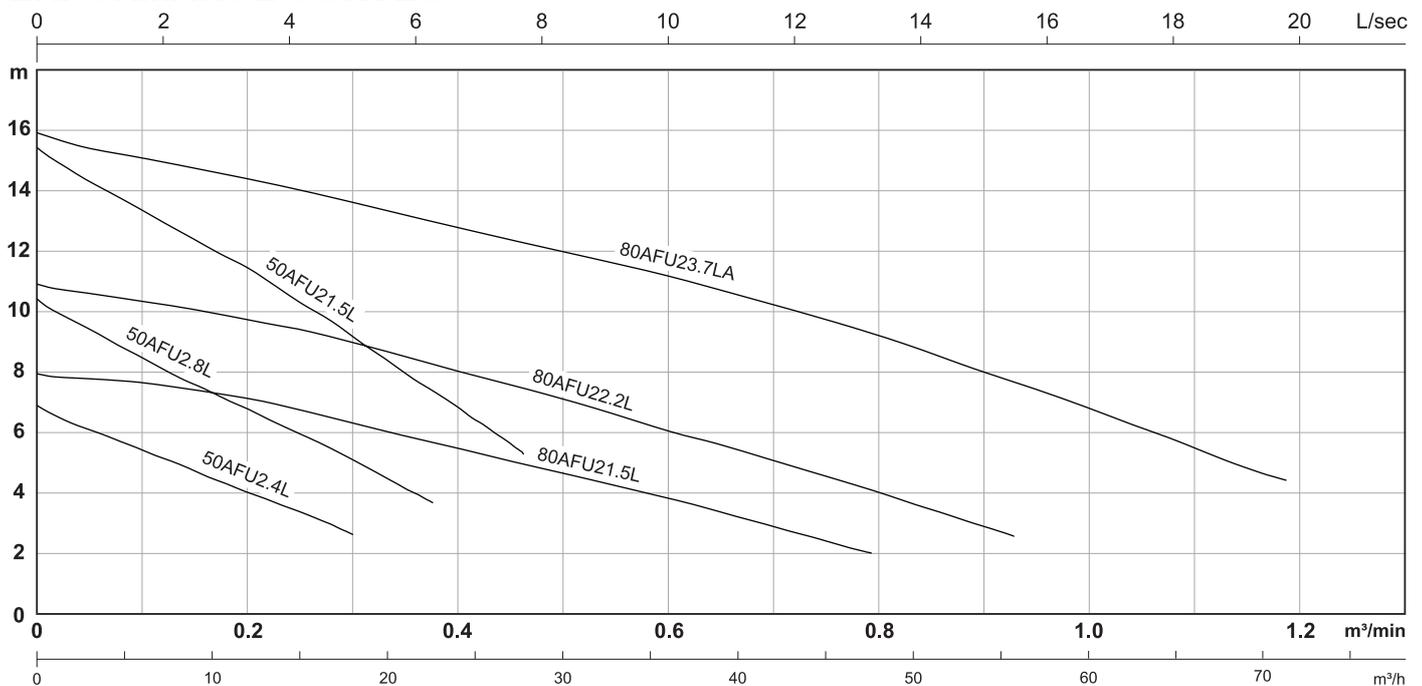
## SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Wastewater · Sewage
Type	Frequency	50Hz
	Motor	2P(3000rpm) · Dry Motor
	Insulation	Class B(0.5~1HP) · Class F(2~5HP)
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
Material	Impeller	Vortex
	Upper Cover	FC200
	Motor Frame	FC200
	Shaft	SUS410(0.5~1HP) · SUS403(2~5HP)
	M.seal	CA/CE & SIC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SJOW/SOW
Optional	-	



Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase Voltage	Full load Ampere						
			m-m³/min	m-m³/h	m-m³/min	m-m³/h		1Ø-kg(lbs)	3Ø-kg(lbs)		1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
50AFU2.4L	0.5(0.4)	2"(50)	4-0.2	4-12	7-0.38	7-22.8	50(2")	20(44)	19(42)	Full load Ampere	220V	230V	230V	380V	400V	415V	525V
50AFU2.8L	1(0.75)	2"(50)	6-0.25	6-15	10.5-0.42	10.5-25.2	50(2")	22(49)	21(46)		3.4	3.3	2.4	1.4	1.3	1.3	1.1
50AFU21.5L	2(1.5)	2"(50)	10-0.25	10-15	15.5-0.47	15.5-28.2	50(2")	34(75)	30(66)		5.4	5.2	3.5	2.0	1.9	1.9	1.5
80AFU21.5L	2(1.5)	3"(80)	4.5-0.5	4.5-30	8-0.85	8-51	76(3")	38(84)	34(75)		10.2	10.0	6.2	3.6	3.4	3.4	2.7
80AFU22.2L	3(2.2)	3"(80)	7-0.5	7-30	11-0.95	11-57	76(3")	40(88)	36(79)		10.2	10.0	6.2	3.6	3.4	3.4	2.7
80AFU23.7LA	5(3.7)	3"(80)	11-0.6	11-36	16-1.2	16-72	76(3")	-	48(106)		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



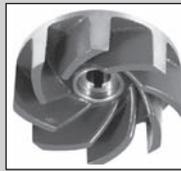
Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min Q:m³/h	H:m											H:m							
				0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	Q:L/sec	2	4	6	8	10	12	14	16		
50AFU2.4L	0.5(0.4)	2"(50)		5.5	4.1	2.7	-	-	-	-	-	-	-	-	5.5	3.6	-	-	-	-	-	-
50AFU2.8L	1(0.75)	2"(50)		8.5	6.7	5.2	-	-	-	-	-	-	-	-	8.2	6.2	4.1	-	-	-	-	-
50AFU21.5L	2(1.5)	2"(50)		13.4	11.4	9.2	6.8	-	-	-	-	-	-	-	13.4	10.6	7.8	-	-	-	-	-
80AFU21.5L	2(1.5)	3"(80)		7.6	7.2	6.3	5.5	4.6	3.8	-	-	-	-	-	7.5	6.9	5.8	4.7	3.8	2.7	-	-
80AFU22.2L	3(2.2)	3"(80)		10.4	9.6	8.9	8.0	7.1	6.0	3.9	-	-	-	-	10.2	9.3	8.3	7.3	6.0	4.7	3.4	-
80AFU23.7LA	5(3.7)	3"(80)		15.0	14.2	13.5	12.7	12.0	11.2	9.2	6.9	-	-	-	14.8	13.9	13.0	12.0	11.2	10.0	8.8	7.3

# AF SERIES SUBMERSIBLE SEWAGE / WASTEWATER PUMPS

## 80AFU25.5L · 80AFU27.5L · 80AFU211L

### SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Wastewater · Sewage
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	FC200
	Motor Frame	FC200
	Shaft	SUS403(7.5~10HP) · SUS420J2(15HP)
	M.seal	CA/CE & SIC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SOW
Optional	–	



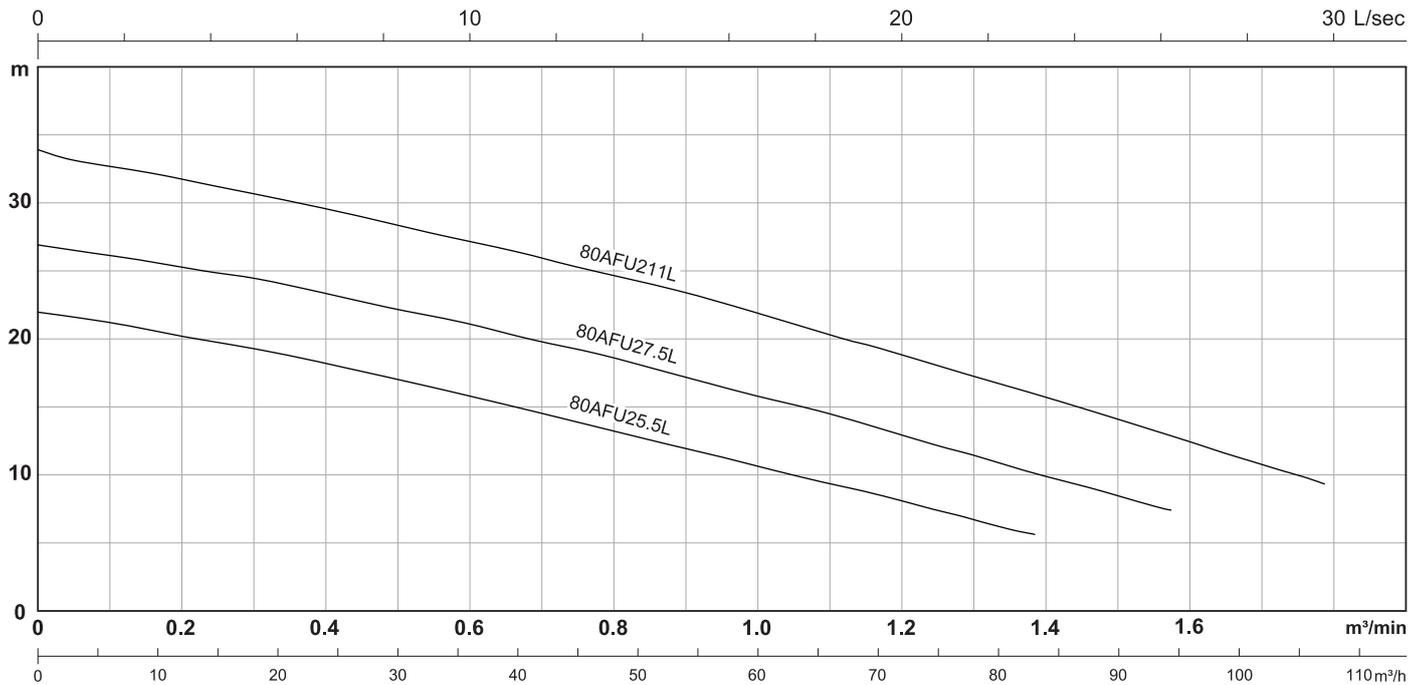
U Type Vortex Impeller



80AFU25.5L · 80AFU27.5L · 80AFU211L

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase Voltage	Full load Ampere						
			m-m <sup>3</sup> /min	m-m <sup>3</sup> /h	m-m <sup>3</sup> /min	m-m <sup>3</sup> /h		1Ø-kg(lbs)	3Ø-kg(lbs)		1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
80AFU25.5L	7.5(5.5)	3"(80)	13-0.8	13-48	22-1.4	22-84	76(3")	–	70(154)		–	–	20.6	11.7	11.4	11.4	9.1
80AFU27.5L	10(7.5)	3"(80)	17.5-0.8	17.5-48	27-1.6	27-96	76(3")	–	76(168)		–	–	27.6	15.7	15.2	15.2	12.2
80AFU211L	15(11)	3"(80)	24.5-0.8	24.5-48	34-1.85	34-111	76(3")	–	87(192)		–	–	39.0	22.2	21.6	21.6	17.3

### PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m <sup>3</sup> /min									Q:L/sec	H:m							
			0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	2		4	8	12	16	20	24	28	
80AFU25.5L	7.5(5.5)	3"(80)	20.2	18.2	15.8	13.2	10.6	8.0	–	–		21.0	19.8	17.2	14.2	11.2	8.0	–	–	
80AFU27.5L	10(7.5)	3"(80)	25.4	23.4	21.2	18.6	15.8	13.0	9.8	–		26.0	25.0	22.4	19.6	16.4	13.0	9.4	–	
80AFU211L	15(11)	3"(80)	31.9	29.6	27.2	24.8	22.0	19.0	15.9	12.7		32.6	31.4	28.6	25.8	22.5	19.0	15.3	11.4	

# AF SERIES SUBMERSIBLE SEWAGE / WASTEWATER PUMPS

## 50AFU4.4 · 50AFU4.8 · 80AFU41.5 · 80AFU42.2 · 80AFU43.7

### SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Wastewater · Sewage
Type	Frequency	50Hz
	Motor	4P(1500rpm) · Dry Motor
	Insulation	Class B(0.5~1HP) · Class F(2~5HP)
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Vortex
Material	Upper Cover	FC200
	Motor Frame	FC200
	Shaft	SUS403
	M.seal	CA/CE & SIC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SJOW/SOW
Optional	-	



50AFU4.4 · 50AFU4.8



80AFU42.2 · 80AFU43.7



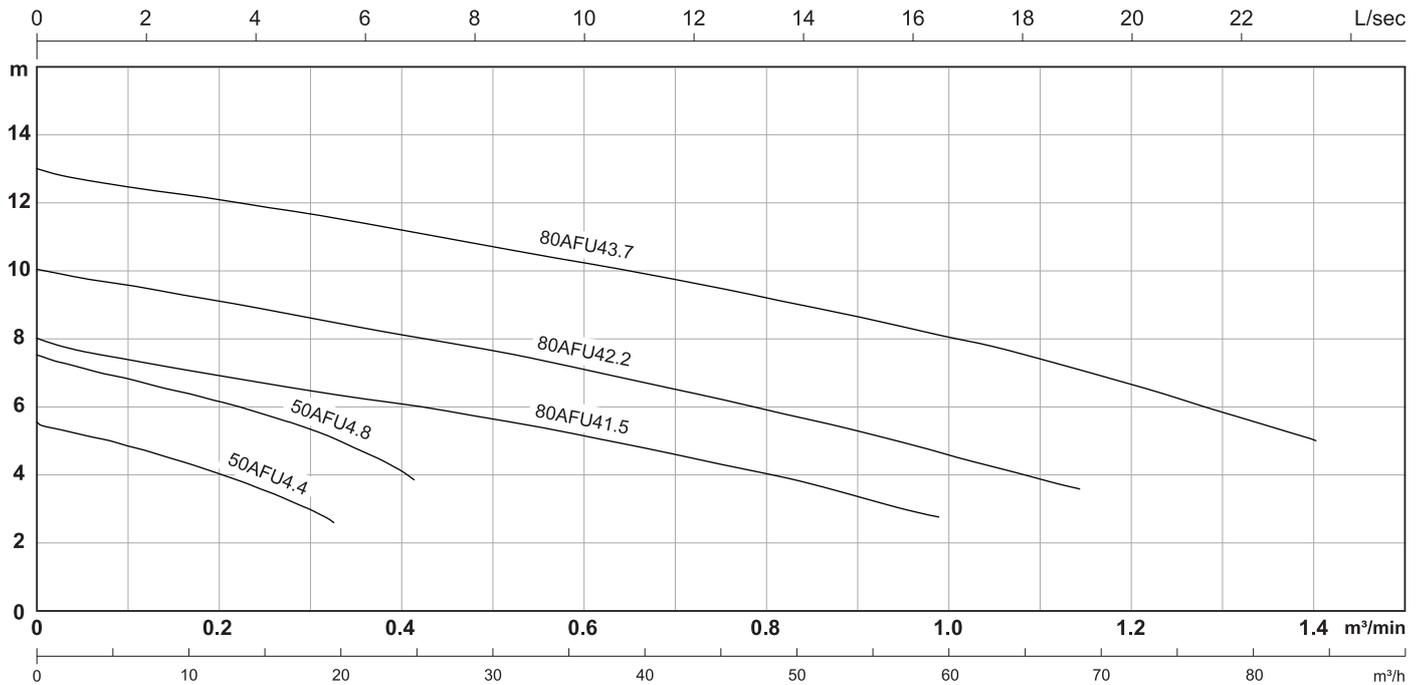
80AFU41.5



U Type Vortex Impeller

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase Voltage	Full load Ampere						
			m-m³/min	m-m³/h	m-m³/min	m-m³/h		1Ø-kg(lbs)	3Ø-kg(lbs)		1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
50AFU4.4	0.5(0.4)	2"(50)	3.5-0.25	3.5-15	5.5-0.4	5.5-24	50(2")	30(66)	28(62)	220V	3.2	3.1	2.2	1.3	1.2	1.2	1.0
50AFU4.8	1(0.75)	2"(50)	5-0.3	5-18	7.5-0.5	7.5-30	50(2")	30(66)	29(64)	230V	5.4	5.2	3.6	2.1	2.0	2.0	1.6
80AFU41.5	2(1.5)	3"(80)	5-0.6	5-36	8-1.1	8-66	76(3")	46(101)	46(101)	230V	10.4	10.2	6.7	3.9	3.7	3.7	3.0
80AFU42.2	3(2.2)	3"(80)	7-0.6	7-36	10-1.2	10-72	76(3")	-	57(126)	380V	-	-	9.4	5.5	5.2	5.2	4.2
80AFU43.7	5(3.7)	3"(80)	10-0.6	10-36	13-1.5	13-90	76(3")	-	66(146)	400V	-	-	15.2	8.8	8.4	8.4	6.7

### PERFORMANCE CURVES

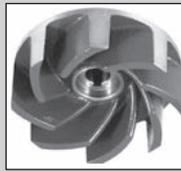


Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min Q:m³/h	Q:L/sec								Q:L/sec	H:m							
				0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.2		2	4	6	8	10	12	16	20
50AFU4.4	0.5(0.4)	2"(50)	6	4.8	4.0	3.0	-	-	-	-	-	-	4.7	3.7	-	-	-	-	-	
50AFU4.8	1(0.75)	2"(50)	6	6.8	6.1	5.3	4.1	-	-	-	-	-	6.7	5.8	4.7	-	-	-	-	
80AFU41.5	2(1.5)	3"(80)	6	7.4	7.0	6.5	6.1	5.1	4.0	-	-	-	7.3	6.8	6.2	5.7	5.1	4.4	3.0	
80AFU42.2	3(2.2)	3"(80)	6	9.6	9.1	8.6	8.1	7.1	6.0	4.7	-	-	9.5	8.9	8.3	7.7	7.1	6.4	5.0	
80AFU43.7	5(3.7)	3"(80)	6	12.5	12.1	11.8	11.3	10.2	9.2	8.1	6.8	-	12.6	12.0	11.4	10.8	10.2	9.6	8.3	

# AF SERIES SUBMERSIBLE SEWAGE / WASTEWATER PUMPS 100AFU45.5 · 100AFU47.5

## SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Wastewater · Sewage · Industrial Wastewater
Type	Frequency	50Hz
	Motor	4P(1500rpm) · Dry Motor
	Insulation	Class H
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Vortex
Material	Upper Cover	FC200
	Motor Frame	FC200
	Shaft	SUS420J2
	M.seal	CA/CE & SiC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SOW
Optional	-	



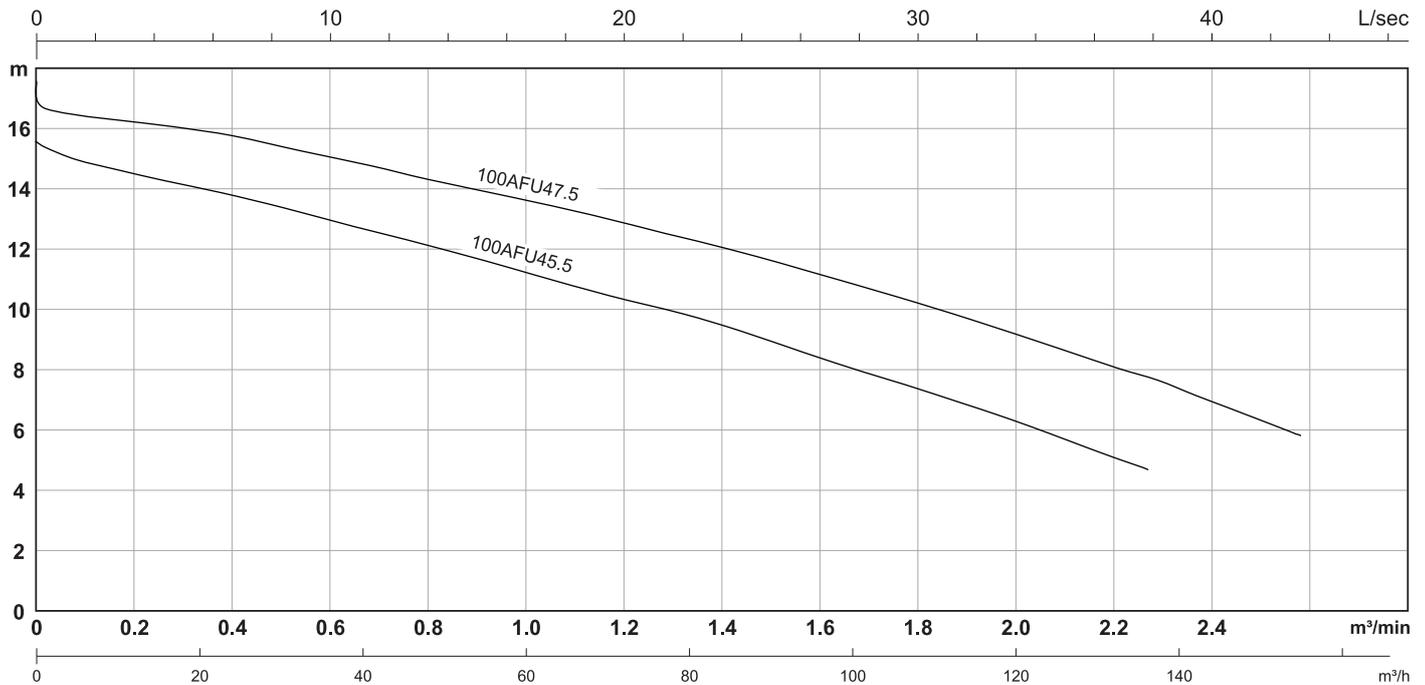
U Type Vortex Impeller



100AFU45.5 · 100AFU47.5

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
100AFU45.5	7.5(5.5)	4"(100)	11-1.0	11-60	15.5-2.3	15.5-138	100(4")	-	96(212)	Full load Ampere	-	-	22.2	12.6	12.2	12.2	9.8
100AFU47.5	10(7.5)	4"(100)	13.5-1.0	13.5-60	17.5-2.6	17.5-156	100(4")	-	105(231)		-	-	29.2	16.3	16.1	16.1	12.9

## PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q: m³/min										Q: L/sec							
			0.4	0.6	0.8	1.0	1.2	1.6	2.0	2.4	5	10	15	20	25	30	35	40		
100AFU45.5	7.5(5.5)	4"(100)	13.7	13.0	12.3	11.5	10.6	8.5	6.2	-	14.1	13.0	11.9	10.6	9.1	7.4	5.6	-		
100AFU47.5	10(7.5)	4"(100)	15.8	15.0	14.4	13.7	12.9	11.1	9.2	6.9	16.0	15.0	14.0	12.9	11.6	10.2	8.6	6.9		

# AF SERIES SUBMERSIBLE SEWAGE / WASTEWATER PUMPS

## 80AFP21.5 · 80AFP22.2 · 80AFP23.7A

### SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Wastewater · Sewage
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	FC200
	Motor Frame	FC200
	Shaft	SUS403
	M.seal	CA/CE & SIC/SIC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SJOW/SOW
Optional	-	



80AFP21.5 · 80AFP22.2



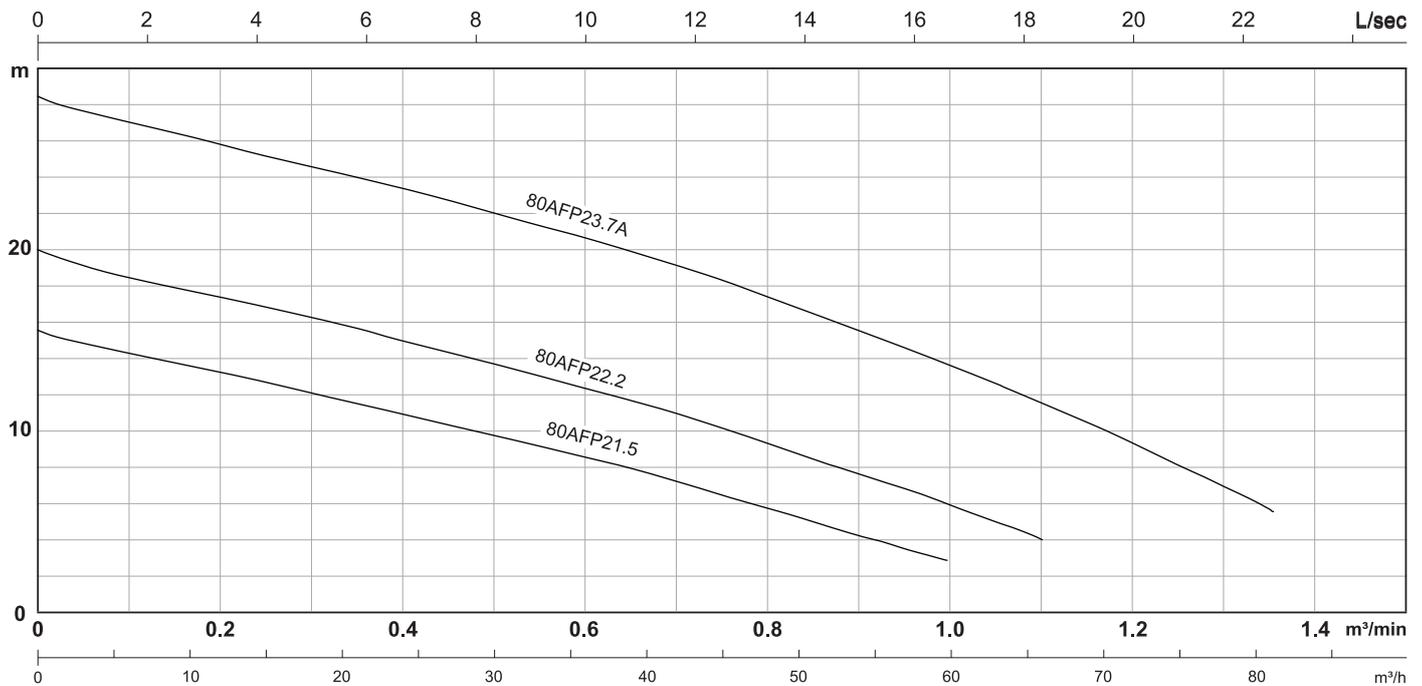
80AFP23.7A



P Type Open Impeller

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase	Voltage						
			m-m <sup>3</sup> /min	m-m <sup>3</sup> /h	m-m <sup>3</sup> /min	m-m <sup>3</sup> /h		1Ø-kg(lbs)	3Ø-kg(lbs)		Voltage	220V	230V	230V	380V	400V	415V
80AFP21.5	2(1.5)	3"(80)	8.5-0.6	8.5-36	15.5-1.05	15.5-63	35(1 3/8")	37(82)	33(73)	Full load Ampere	10.2	10.0	6.2	3.6	3.4	3.4	2.7
80AFP22.2	3(2.2)	3"(80)	12-0.6	12-36	20.5-1.15	20.5-69	35(1 3/8")	40(88)	35(77)		15.0	14.6	8.8	5.0	4.8	4.8	3.8
80AFP23.7A	5(3.7)	3"(80)	20.5-0.6	20.5-36	28.5-1.4	28.5-84	32(1 1/4")	-	48(106)		-	-	14.2	8.2	7.8	7.8	6.2

### PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m <sup>3</sup> /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
80AFP21.5	2(1.5)	3"(80)	14.2	13.2	12.0	11.0	8.6	5.9	-	-	14.2	12.8	11.4	10.0	8.6	7.0	3.4	-	
80AFP22.2	3(2.2)	3"(80)	18.4	17.4	16.2	15.1	12.5	9.4	5.9	-	18.2	17.0	15.6	14.1	12.5	10.6	6.6	-	
80AFP23.7A	5(3.7)	3"(80)	27.0	25.8	24.6	23.6	20.9	17.6	13.8	9.4	26.8	25.4	23.8	22.5	20.9	19.0	14.6	9.4	

# AF SERIES SUBMERSIBLE SEWAGE / WASTEWATER PUMPS

## 80(100)AFP25.5 · 80(100)AFP27.5 · 80(100)AFP211

### SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Wastewater · Sewage
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	FC200
	Motor Frame	FC200
	Shaft	SUS403(7.5~10HP) · SUS420J2(15HP)
	M.seal	CA/CE & SIC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SOW
Optional	-	



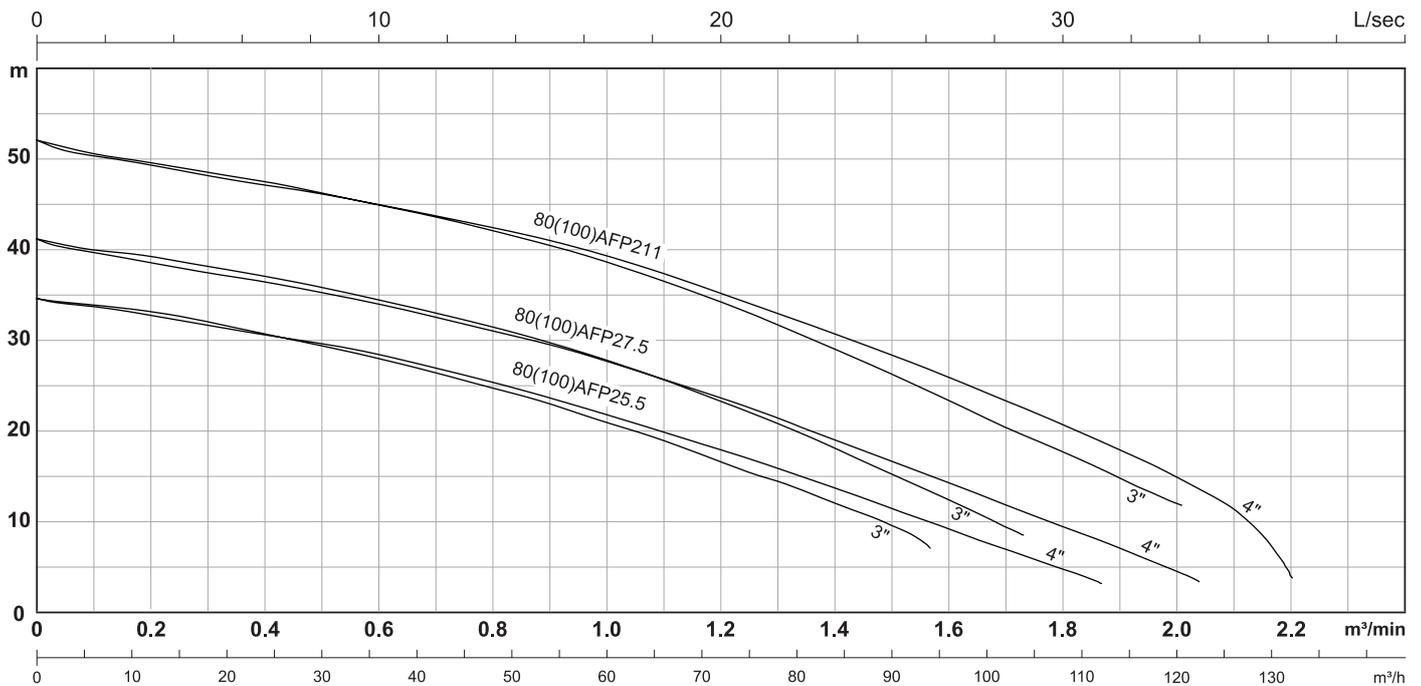
P Type Open Impeller



80(100)AFP25.5 · 80(100)AFP27.5 · 80(100)AFP211

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase Voltage	Full load Ampere						
			m-m³/min	m-m³/h	m-m³/min	m-m³/h		1Ø-kg(lbs)	3Ø-kg(lbs)		1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
80(100)AFP25.5	7.5(5.5)	3"(80)	28-0.6	28-36	35-1.6	35-96	30(1 1/8")	-	75(165)	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")	-	75(165)		-	-	20.6	11.7	11.4	11.4	9.1
80(100)AFP27.5	10(7.5)	3"(80)	34.5-0.6	34.5-36	41.5-1.75	41.5-105	30(1 1/8")	-	81(179)		-	-	27.6	15.7	15.2	15.2	12.2
		4"(100)	28-1.0	28-60	41.5-2.05	41.5-123	30(1 1/8")	-	81(179)		-	-	27.6	15.7	15.2	15.2	12.2
80(100)AFP211	15(11)	3"(80)	45-0.6	45-36	52.5-2.05	52.5-123	30(1 1/8")	-	91(201)		-	-	39.0	22.2	21.6	21.6	17.3
		4"(100)	39.5-1.0	39.5-60	52.5-2.3	52.5-138	30(1 1/8")	-	91(201)		-	-	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	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)AFP25.5	7.5(5.5)	3"(80)	H:m	33.0	30.6	28.2	24.9	21.1	17.2	-	-	H:m	32.5	29.6	26.2	21.9	17.2	11.6	-	
		4"(100)		33.1	30.7	28.2	25.2	21.8	17.8	9.5	-		32.6	29.7	26.5	22.6	17.8	12.9	7.8	-
80(100)AFP27.5	10(7.5)	3"(80)		39.2	36.9	34.5	31.0	27.3	23.2	13.1	-		38.9	35.9	32.4	28.0	23.2	17.6	10.5	-
		4"(100)		39.0	36.8	34.4	31.7	28.4	23.9	14.6	5.0		38.6	35.8	32.8	29.1	23.9	18.4	12.7	7.0
80(100)AFP211	15(11)	3"(80)		51.0	47.7	45.4	42.1	38.4	34.0	23.2	12.0		49.4	46.8	43.6	39.0	34.0	28.0	21.0	14.2
		4"(100)		51.1	48.1	45.6	42.8	39.0	35.0	26.0	15.0		49.8	47.2	44.0	40.2	35.0	30.0	24.0	17.2

# AF SERIES SUBMERSIBLE SEWAGE / WASTEWATER PUMPS

## 80AFP41.5 · 80AFP42.2 · 80(100)AFP43.7

### SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Wastewater · Sewage
Type	Frequency	50Hz
	Motor	4P(1500rpm) · Dry Motor
	Insulation	Class F
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Open
Material	Upper Cover	FC200
	Motor Frame	FC200
	Shaft	SUS403
	M.seal	CA/CE & SIC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SJOW/SOW
	Optional	-



80AFP41.5



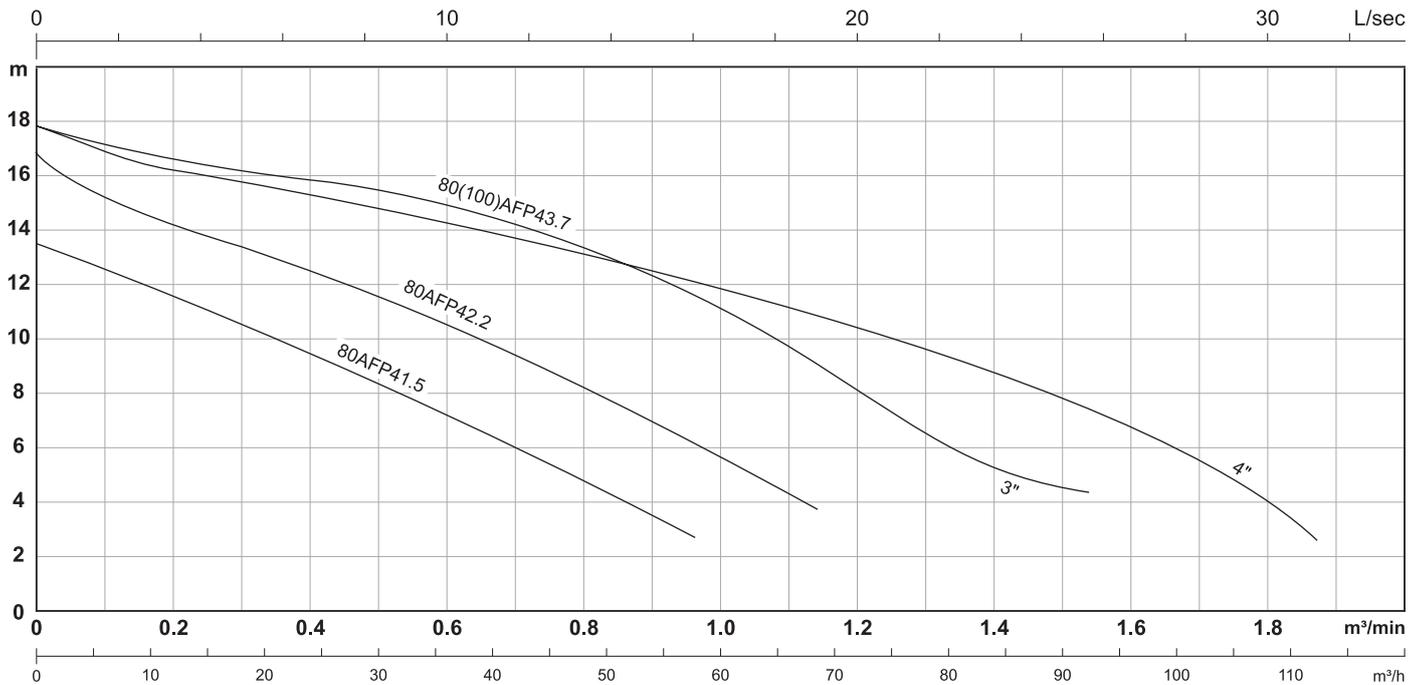
80AFP42.2 · 80(100)AFP43.7



P Type Open Impeller

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase Voltage	Full load Ampere						
			m-m³/min	m-m³/h	m-m³/min	m-m³/h		1Ø-kg(lbs)	3Ø-kg(lbs)		1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
80AFP41.5	2(1.5)	3"(80)	8-0.5	8-30	13.5-1.1	13.5-66	50(2")	47(104)	47(104)	Full load Ampere	220V	230V	230V	380V	400V	415V	525V
80AFP42.2	3(2.2)	3"(80)	10-0.6	10-36	16.5-1.2	16.5-72	50(2")	-	60(132)		10.4	10.2	6.6	3.9	3.7	3.7	2.9
80(100)AFP43.7	5(3.7)	3"(80)	14.5-0.6	14.5-36	17.5-1.6	17.5-96	50(2")	-	70(154)		-	-	9.2	5.5	5.2	5.1	4.1
		4"(100)	11.5-1.0	11.5-60	17.5-2.0	17.5-120	50(2")	-	70(154)		-	-	15.2	8.8	8.4	8.4	6.7

### PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min											Q:L/sec							
			0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	2	4	8	12	16	20	24	28			
80AFP41.5	2(1.5)	3"(80)	11.6	9.5	7.4	5.2	2.8	-	-	-	H:m	12.4	11.1	8.6	6.0	3.2	-	-	-		
80AFP42.2	3(2.2)	3"(80)	14.2	12.5	10.8	8.6	6.0	-	-	-		14.9	13.8	11.8	9.6	6.6	-	-	-		
80(100)AFP43.7	5(3.7)	3"(80)	16.6	15.8	15.0	13.4	11.4	8.8	5.6	-		17.0	16.4	15.5	14.0	12.0	8.8	5.2	-		
		4"(100)	16.2	15.3	14.4	13.2	12.0	10.8	9.2	7.6		16.7	16.0	14.9	13.8	12.2	10.6	8.8	6.8		

# AF SERIES SUBMERSIBLE SEWAGE / WASTEWATER PUMPS 80(100)AFE41.5 · 80(100)AFE42.2 · 80(100)AFE43.7

## SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Wastewater · Sewage
Type	Frequency	50Hz
	Motor	4P(1500rpm) · Dry Motor
	Insulation	Class F
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Channel
Material	Upper Cover	FC200
	Motor Frame	FC200
	Shaft	SUS403
	M.seal	CA/CE & SIC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SOW
	Optional	-



80(100)AFE41.5



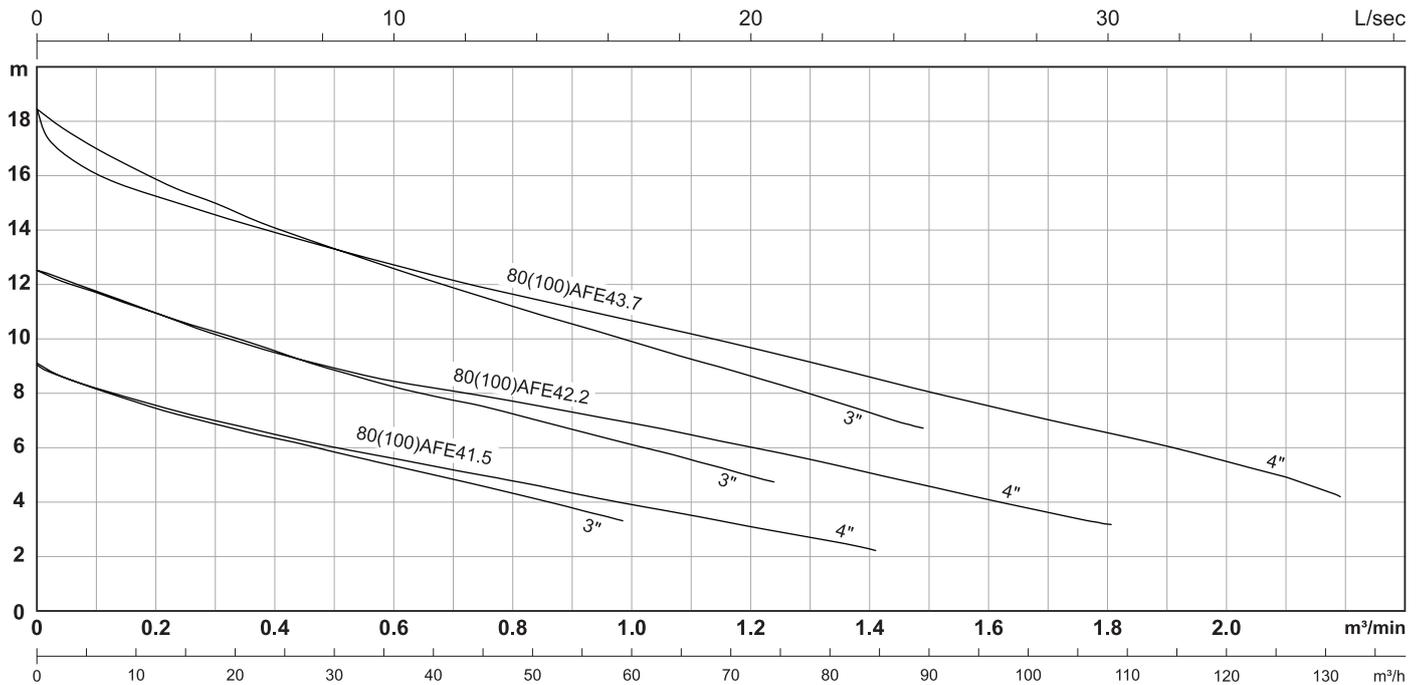
80(100)AFE42.2 · 80(100)AFE43.7



E Type Channel Impeller

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase Voltage	Full load Ampere							
			m-m³/min	m-m³/h	m-m³/min	m-m³/h		1Ø-kg(lbs)	3Ø-kg(lbs)		1Ø	1Ø	3Ø	3Ø	3Ø	3Ø		
80(100) AFE41.5	2(1.5)	3"(80)	5-0.65	5-39	9-1.1	9-66	76(3")	66(146)	61(134)	Full load Ampere	220V	230V	230V	380V	400V	415V	525V	
		4"(100)	4.5-0.85	4.5-51	9-1.5	9-90	76(3")	66(146)	61(134)		10.4	10.2	6.7	3.9	3.7	3.7	3.0	
80(100) AFE42.2	3(2.2)	3"(80)	7-0.8	7-48	12.5-1.35	12.5-81	76(3")	-	66(146)		-	-	-	9.2	5.5	5.2	5.1	4.1
		4"(100)	6.5-1.0	6.5-60	12.5-1.9	12.5-114	76(3")	-	66(146)		-	-	-	9.2	5.5	5.2	5.1	4.1
80(100) AFE43.7	5(3.7)	3"(80)	11-0.8	11-48	18.5-1.6	18.5-96	76(3")	-	74(104)		-	-	-	15.2	8.8	8.4	8.4	6.7
		4"(100)	10.5-1.0	10.5-60	18.5-2.3	18.5-138	76(3")	-	74(104)		-	-	-	15.2	8.8	8.4	8.4	6.7

## PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min Q:m³/h	H:m								Q:L/sec	H:m							
				0.2	0.4	0.6	0.8	1.0	1.4	1.8	4		8	12	16	20	24	28	32	
80(100)AFE41.5	2(1.5)	3"(80)	H:m	7.4	6.3	5.3	4.6	-	-	-	H:m	7.2	6.2	5.0	3.6	-	-	-		
		4"(100)		7.6	6.5	5.7	4.9	4.0	2.3	-		7.3	6.2	5.2	4.2	3.2	2.2	-	-	
80(100)AFE42.2	3(2.2)	3"(80)		10.9	9.5	8.2	7.1	6.0	-	-		10.6	9.0	7.6	6.3	4.9	-	-	-	
		4"(100)		10.9	9.5	8.4	7.6	6.7	5.0	3.2		10.6	9.0	7.9	6.9	5.9	4.9	3.8	-	
80(100)AFE43.7	5(3.7)	3"(80)		15.9	13.9	12.6	11.1	9.8	7.4	-		15.4	13.4	11.7	10.0	8.6	7.1	-	-	
		4"(100)		15.2	14.1	12.7	11.6	10.6	8.4	6.2		14.9	13.4	12.0	10.9	9.5	8.2	6.9	5.5	

# AF SERIES SUBMERSIBLE SEWAGE / WASTEWATER PUMPS 100(150)AFE45.5 · 100(150)AFE47.5

## SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Wastewater · Sewage · Industrial Wastewater
Type	Frequency	50Hz
	Motor	4P(1500rpm) · Dry Motor
	Insulation	Class H
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Channel
Material	Upper Cover	FC200
	Motor Frame	FC200
	Shaft	SUS420J2
	M.seal	CA/CE & SIC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SOW
Optional	-	



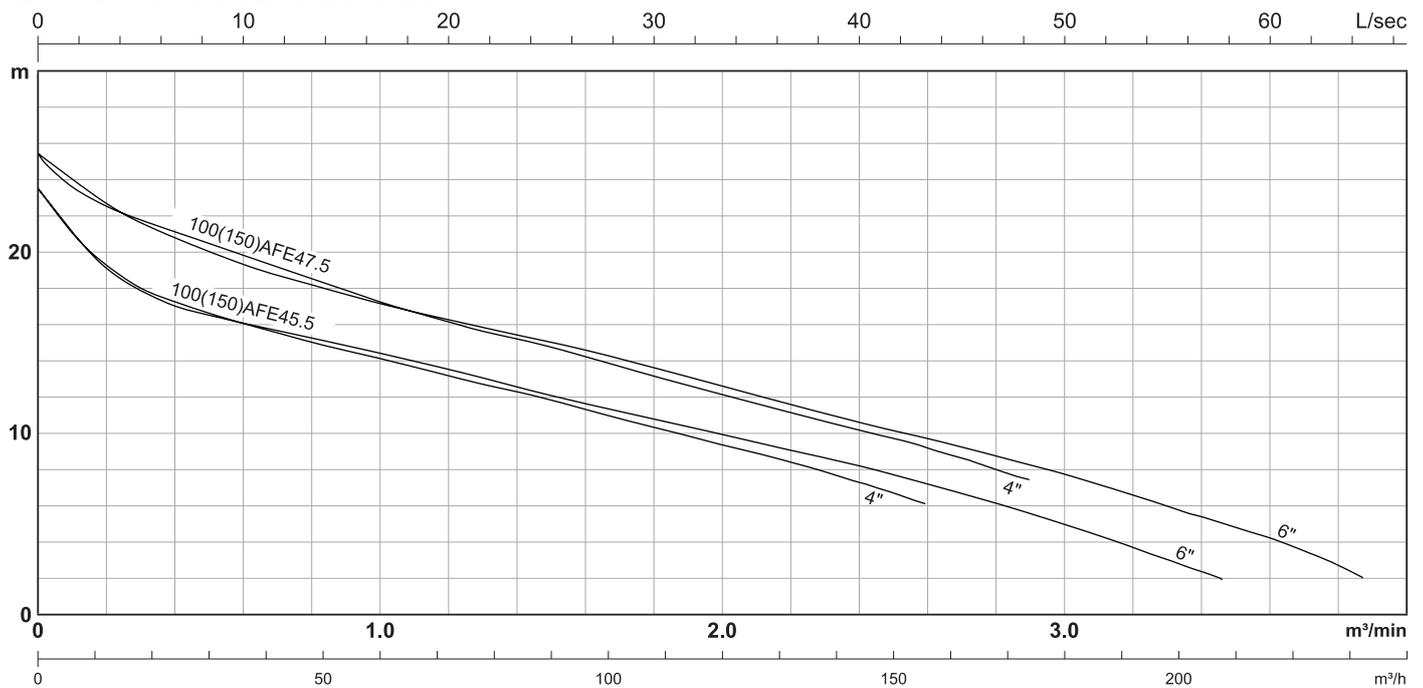
E Type Channel Impeller



100(150)AFE45.5 · 100(150)AFE47.5

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase Voltage	Full load Ampere						
			m-m³/min	m-m³/h	m-m³/min	m-m³/h		1Ø-kg(lbs)	3Ø-kg(lbs)		1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
100(150) AFE45.5	7.5(5.5)	4"(100)	14-1.0	14-60	23.5-2.6	23.5-156	76(3")	-	110(243)	Full load Ampere	-	-	22.2	12.6	12.2	12.2	9.8
		6"(150)	12-1.5	12-90	23.5-3.5	23.5-210	76(3")	-	110(243)		-	-	22.2	12.6	12.2	12.2	9.8
100(150) AFE47.5	10(7.5)	4"(100)	17-1.0	17-60	25.5-2.9	25.5-174	76(3")	-	120(265)		-	-	29.2	16.3	16.1	16.1	12.9
		6"(150)	15-1.5	15-90	25.5-3.9	25.5-234	76(3")	-	120(265)		-	-	29.2	16.3	16.1	16.1	12.9

## PERFORMANCE CURVES



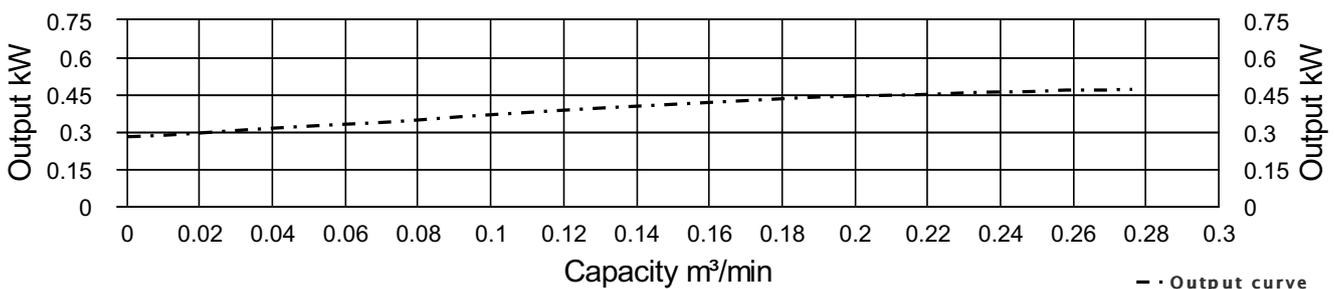
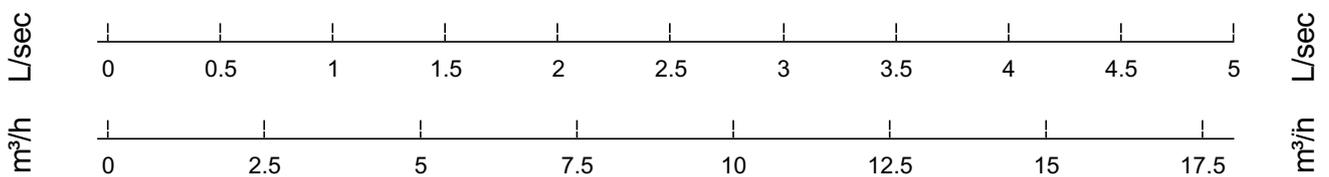
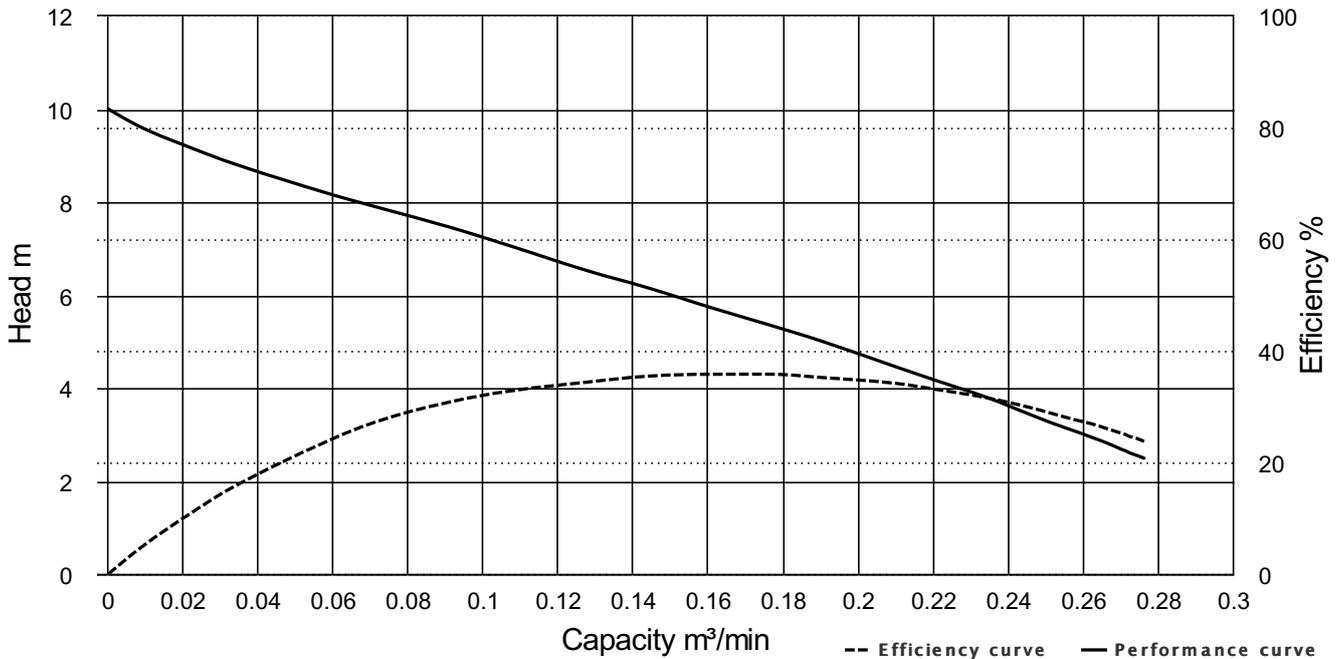
Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min										Q:L/sec							
			0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	8	16	24	32	40	48	56	64		
100(150) AFE45.5	7.5(5.5)	4"(100)	H:m	17.2	15.1	13.0	11.1	9.2	7.1	-	-	H:m	16.8	14.2	11.4	9.6	7.1	-	-	
				17.2	15.3	13.5	11.6	9.8	7.9	5.8	3.6		16.8	14.6	11.8	10.2	7.9	5.4	2.5	-
100(150) AFE47.5	10(7.5)	4"(100)		21.2	18.6	16.4	14.3	12.2	10.0	7.8	-		20.6	17.6	15.1	12.6	10.0	7.4	-	-
				20.8	18.2	16.2	14.8	13.0	11.1	9.0	6.6		20.2	17.4	15.4	13.4	11.1	8.5	5.6	2.2



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	50AFU2.4				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 <sup>3</sup> /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						



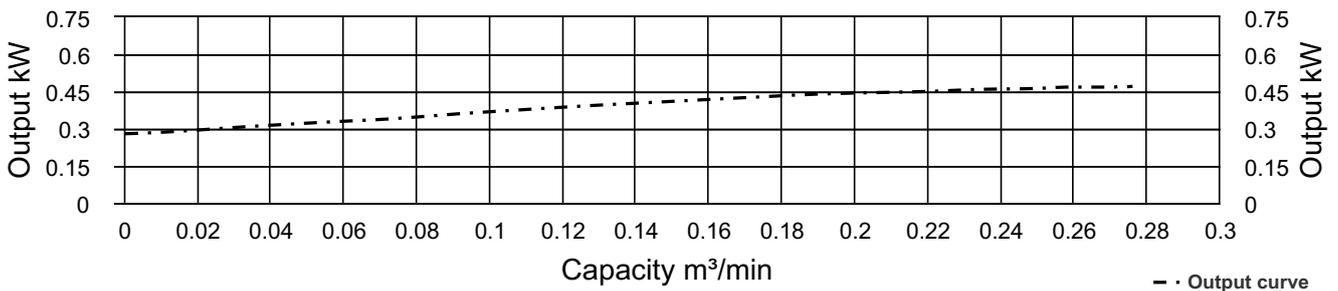
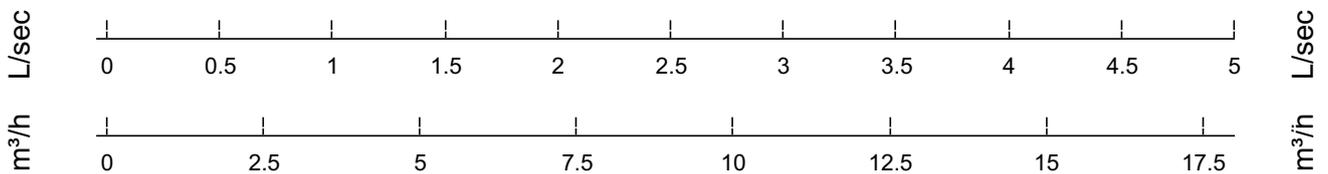
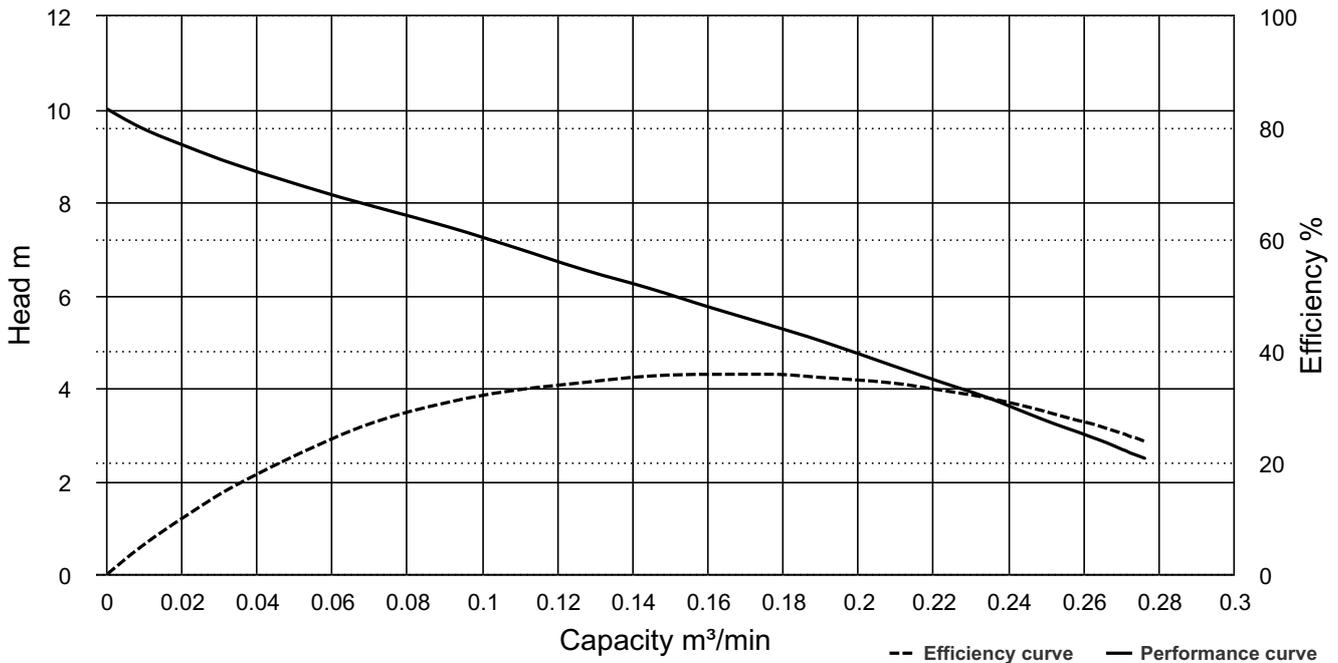
HCP PUMP MANUFACTURER CO., LTD.



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	50AFU2.4					<b>Ver NO.</b>	BA0429	
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>		
<b>Discharge</b>	2" / 50 mm							
<b>Power</b>	0.5 HP / 0.4 kW							
<b>Std. Head</b>	6 m							
<b>Std. Capacity</b>	0.15 m <sup>3</sup> /min							
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V			
<b>Rated Current</b>	2.4 A	1.4 A	1.3 A	1.3 A	1.1 A			
<b>Pole / rpm</b>	2 P / 2780 rpm							
<b>Start Method</b>	DOL							
<b>Insulation Class</b>	B							



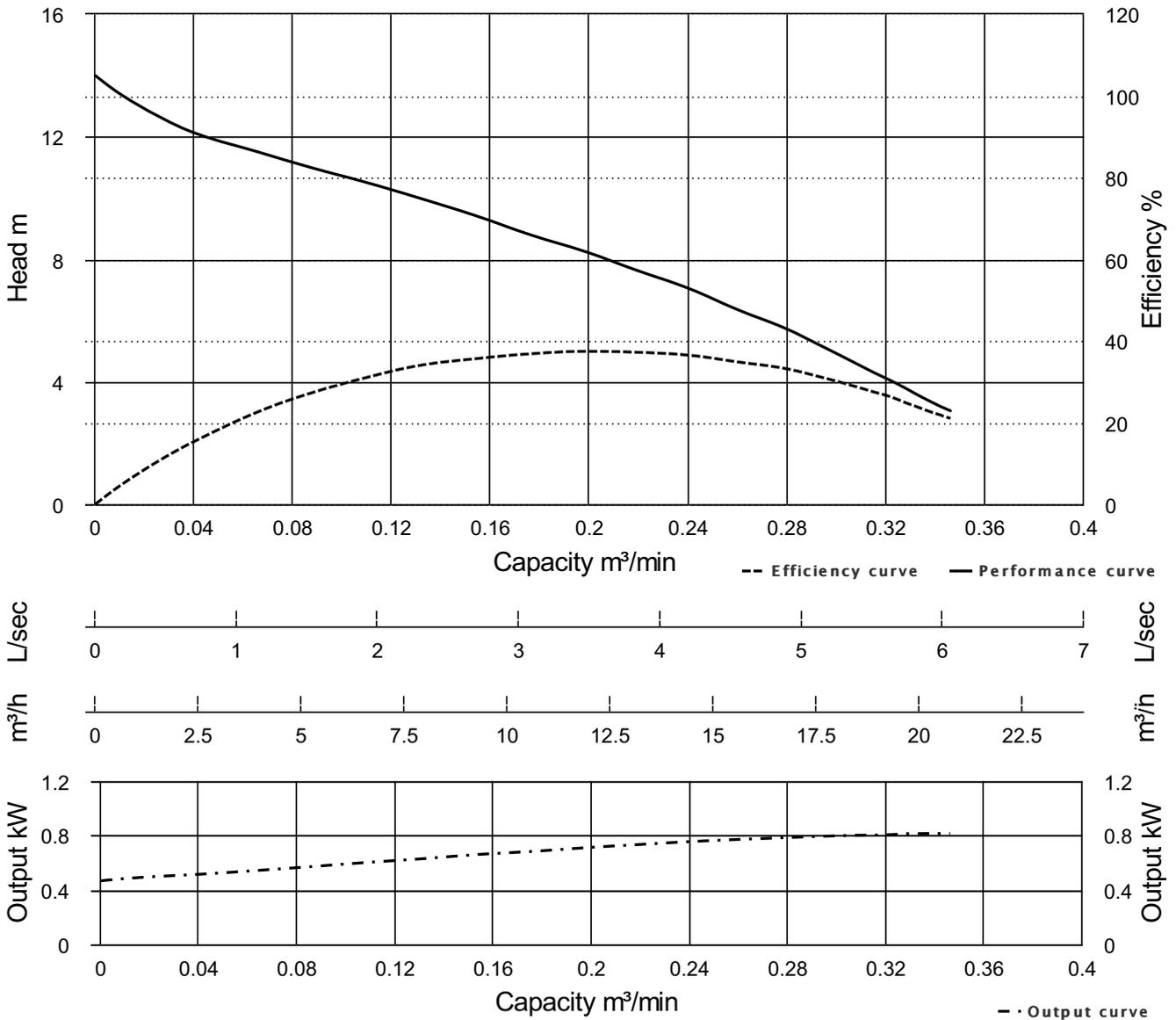
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	50AFU2.8				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 <sup>3</sup> /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						



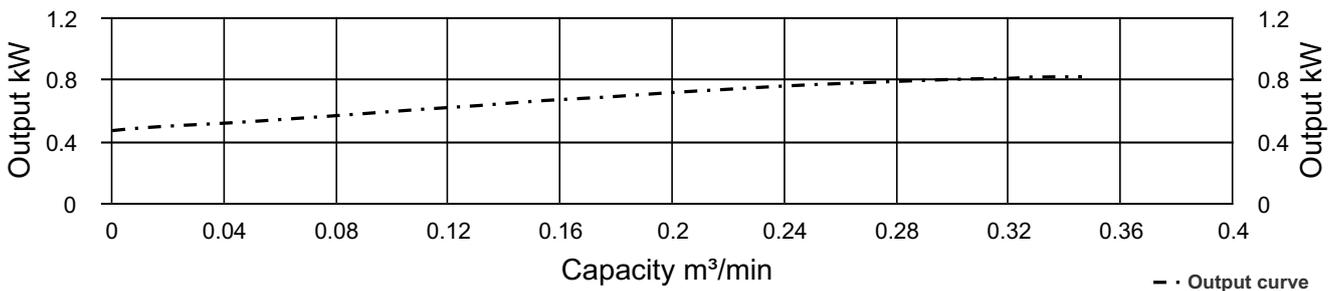
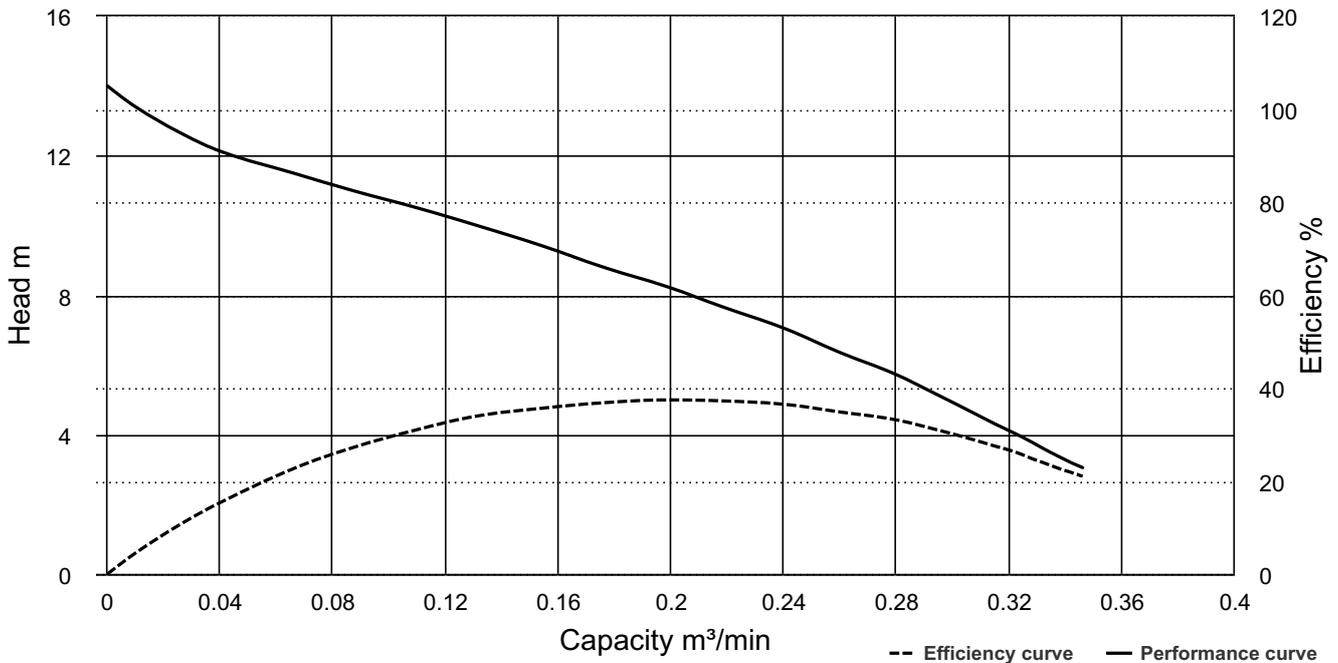
HCP PUMP MANUFACTURER CO., LTD.



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	50AFU2.8					<b>Ver NO.</b>	BA0429
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	2" / 50 mm						
<b>Power</b>	1 HP / 0.75 kW						
<b>Std. Head</b>	8 m						
<b>Std. Capacity</b>	0.2 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	3.5 A	2 A	1.9 A	1.9 A	1.5 A		
<b>Pole / rpm</b>	2 P / 2800 rpm						
<b>Start Method</b>	DOL						
<b>Insulation Class</b>	B						



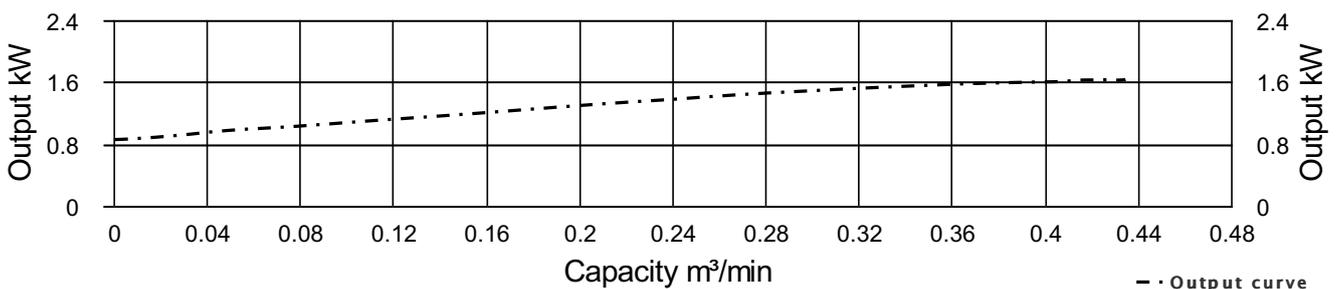
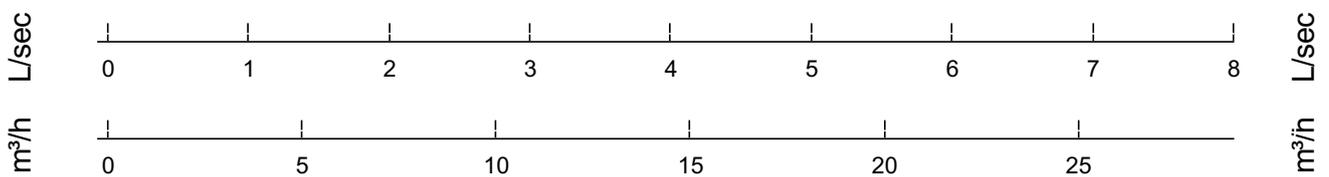
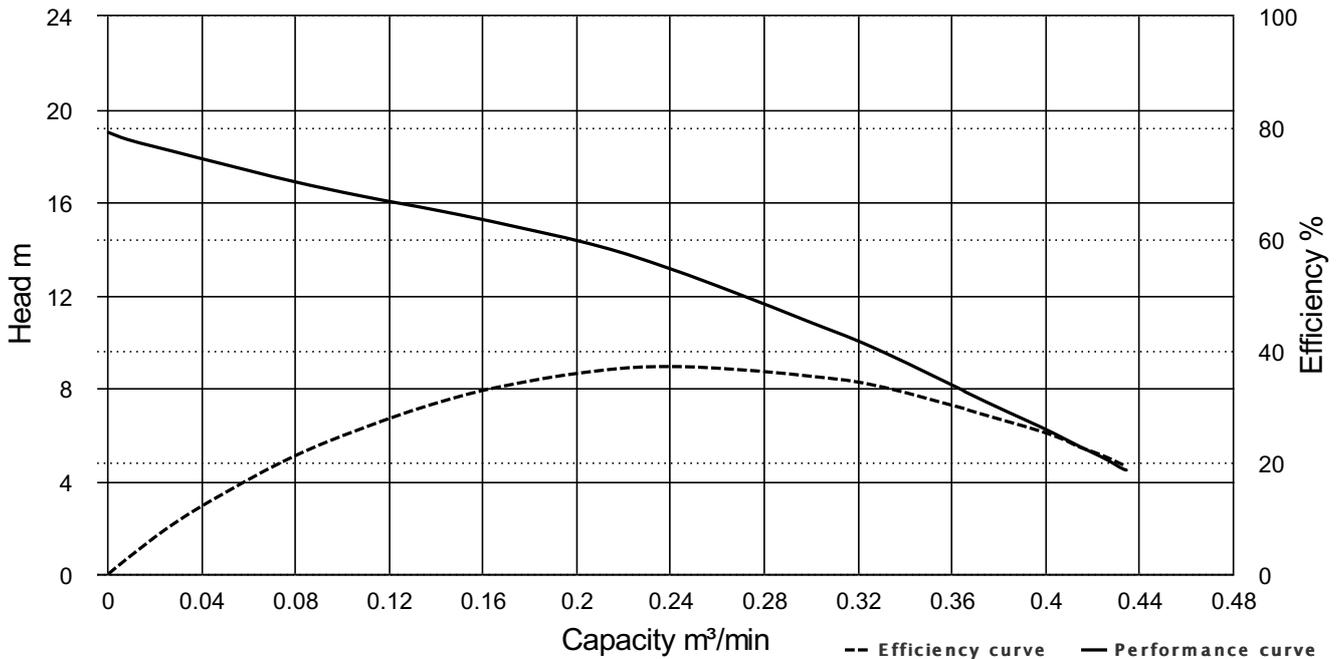
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	50AFU21.5				Ver NO.	BA0407	
Frequency / Phase	50 Hz / 1 Ø				REFERENCE SPECIFICATION		
Discharge	2" / 50 mm						
Power	2 HP / 1.5 kW						
Std. Head	14 m						
Std. Capacity	0.2 m <sup>3</sup> /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						



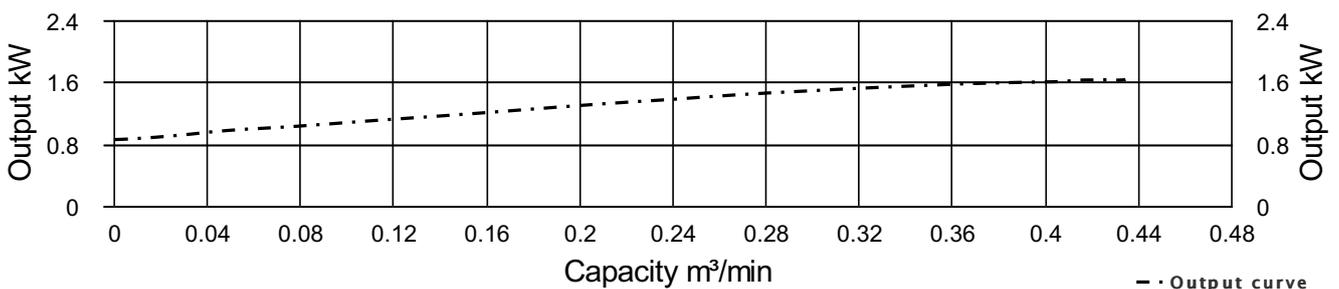
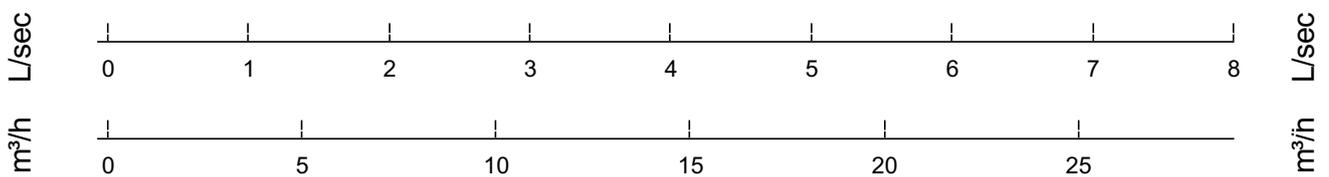
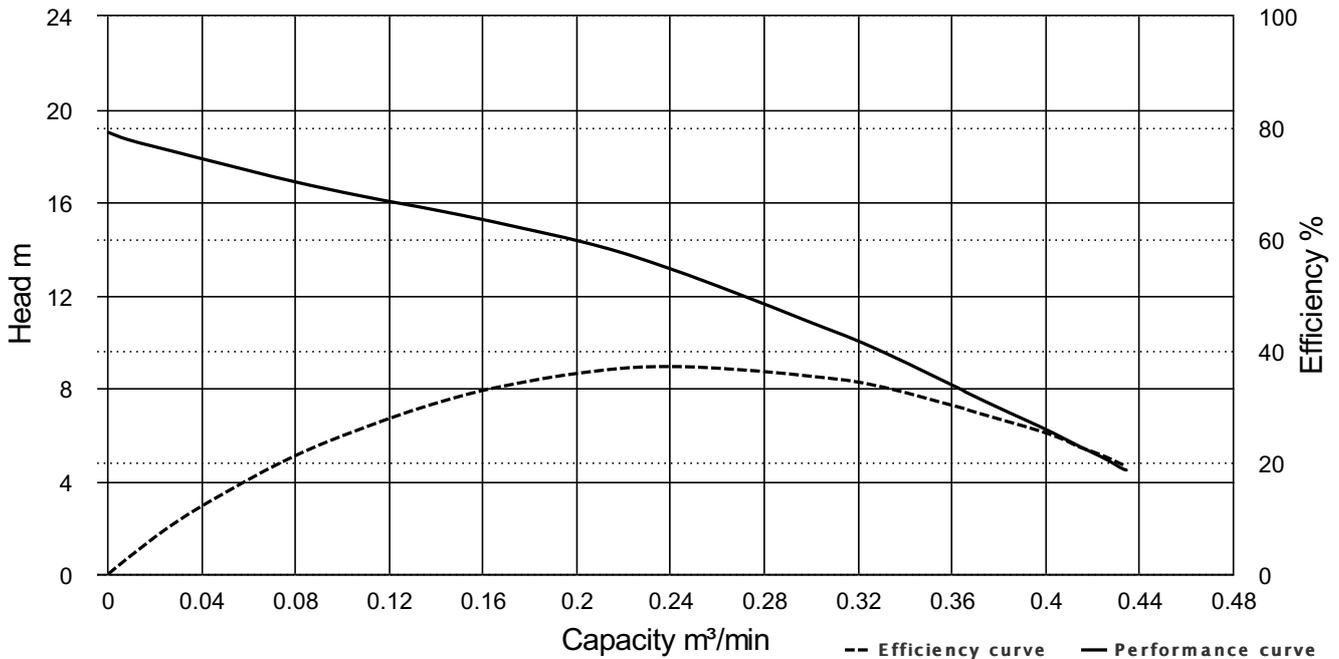
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	50AFU21.5					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	2" / 50 mm						
Power	2 HP / 1.5 kW						
Std. Head	14 m						
Std. Capacity	0.2 m <sup>3</sup> /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						



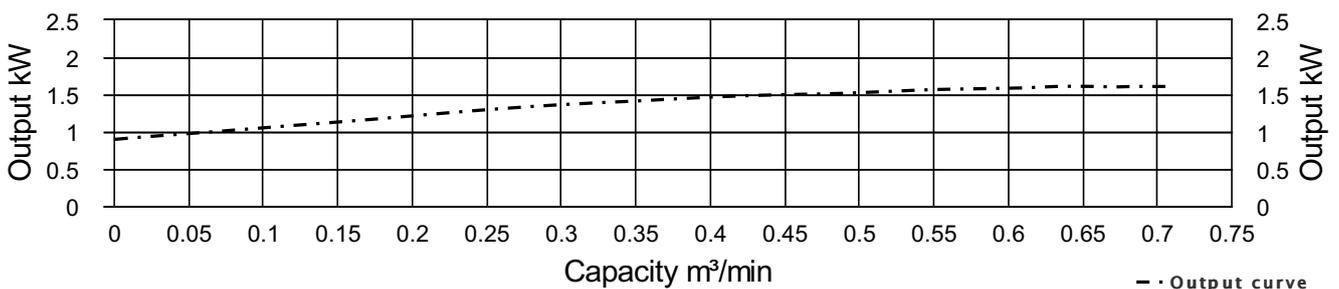
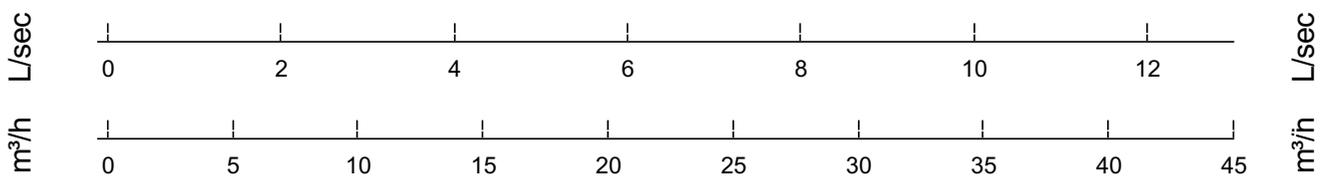
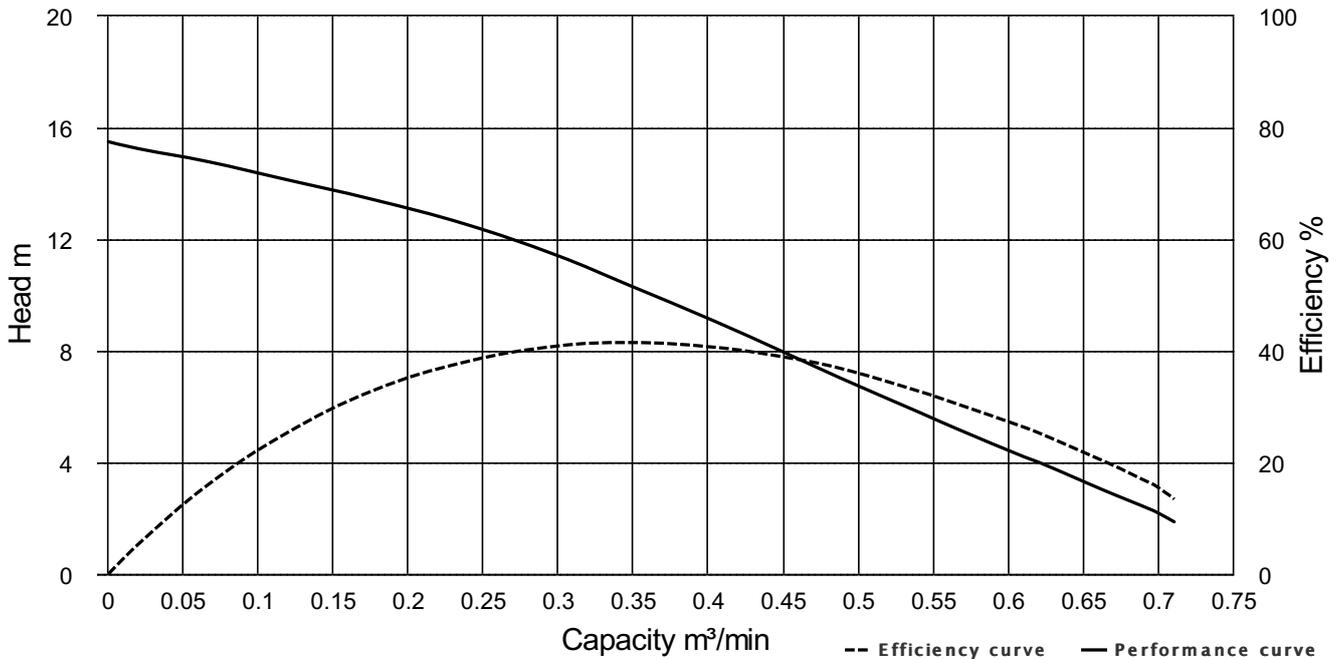
HCP PUMP MANUFACTURER CO., LTD.



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80AFU21.5				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 <sup>3</sup> /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						



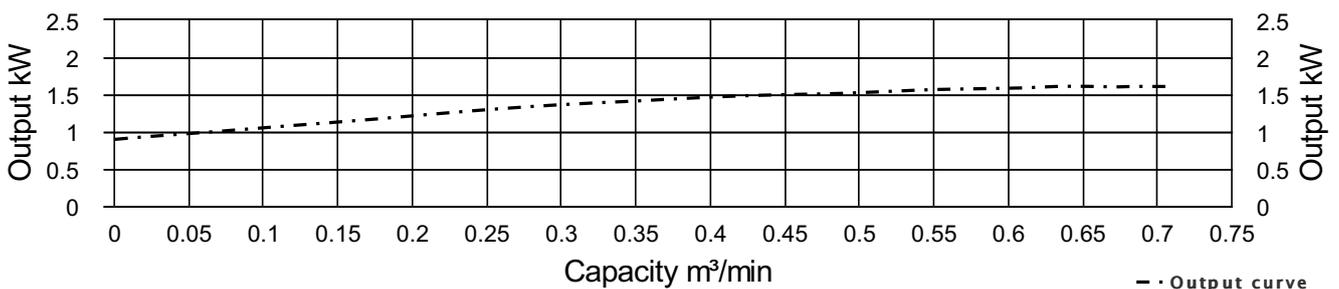
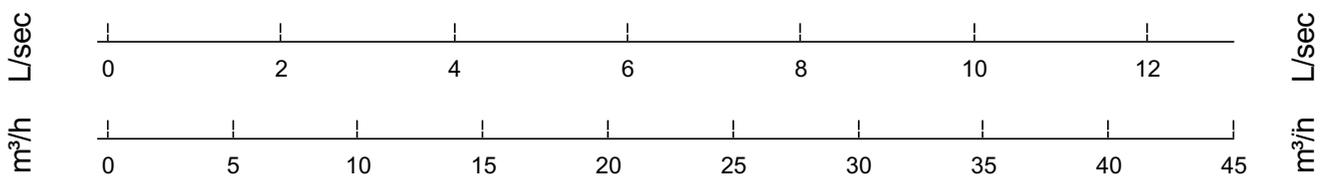
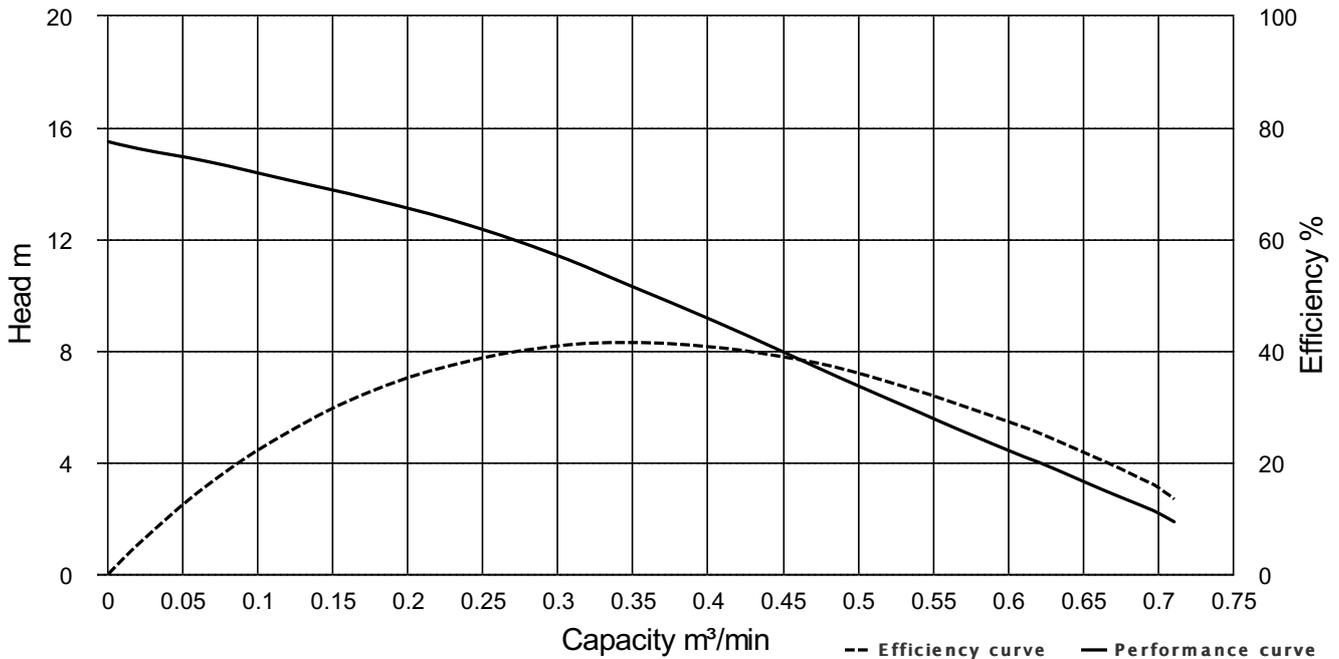
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	80AFU21.5					<b>Ver NO.</b>	BA0407	
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>		
<b>Discharge</b>	3" / 80 mm							
<b>Power</b>	2 HP / 1.5 kW							
<b>Std. Head</b>	8.5 m							
<b>Std. Capacity</b>	0.4 m <sup>3</sup> /min							
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V			
<b>Rated Current</b>	6.2 A	3.6 A	3.4 A	3.4 A	2.7 A			
<b>Pole / rpm</b>	2 P / 2820 rpm							
<b>Start Method</b>	DOL							
<b>Insulation Class</b>	F							



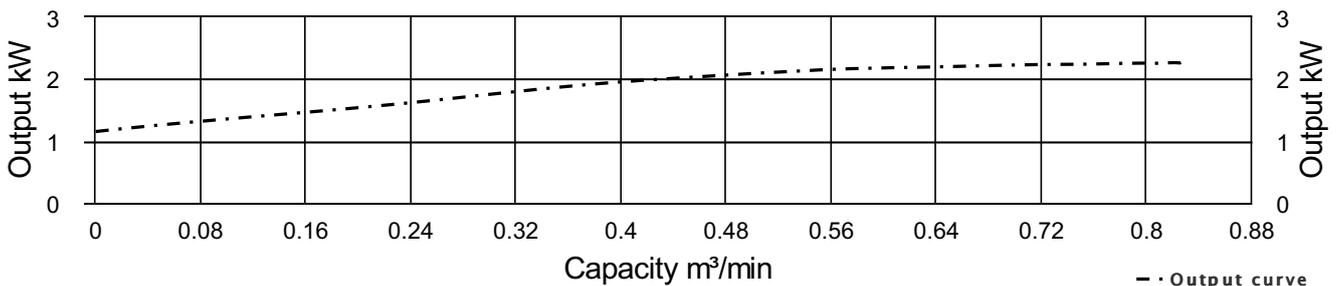
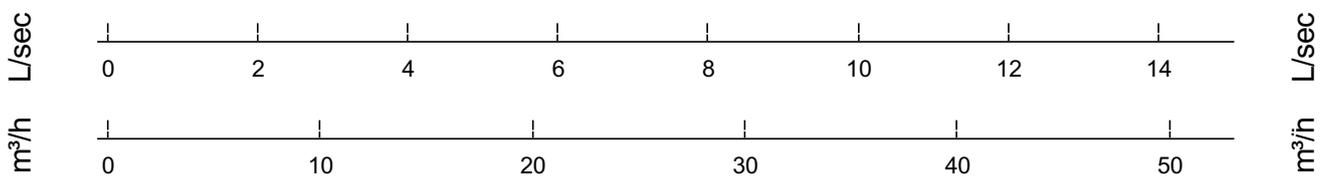
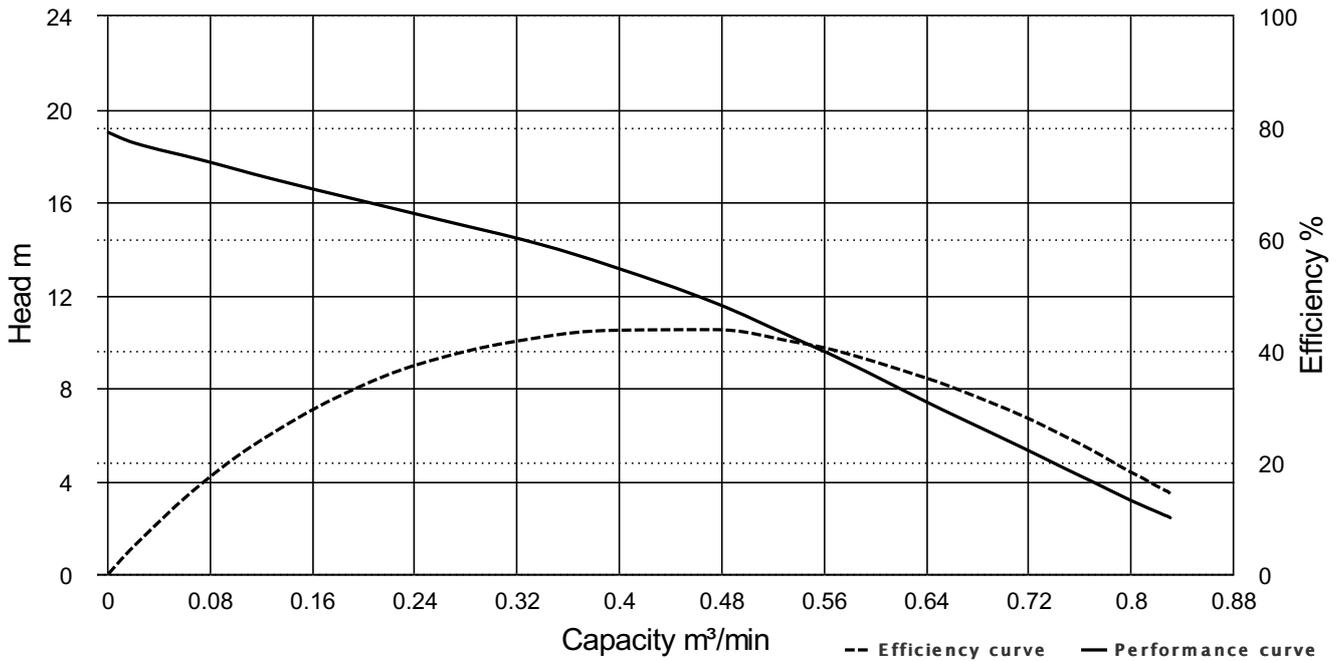
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80AFU22.2			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	0.4 m <sup>3</sup> /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				



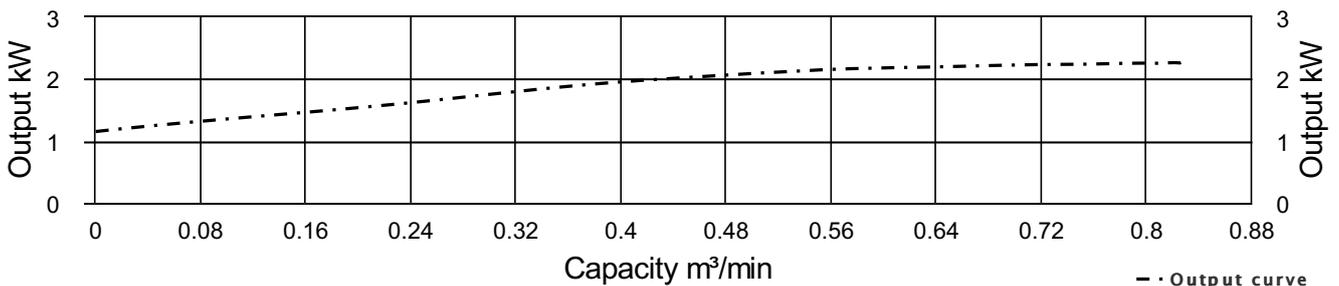
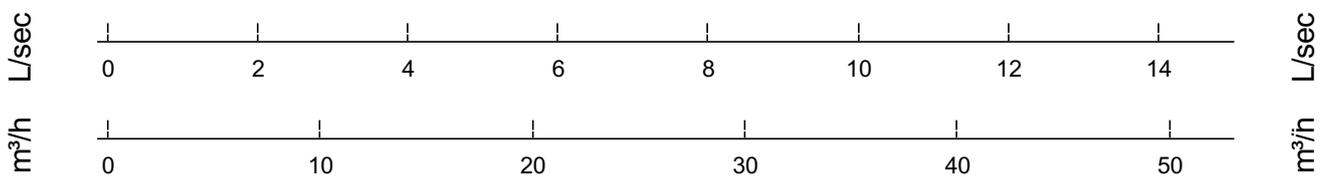
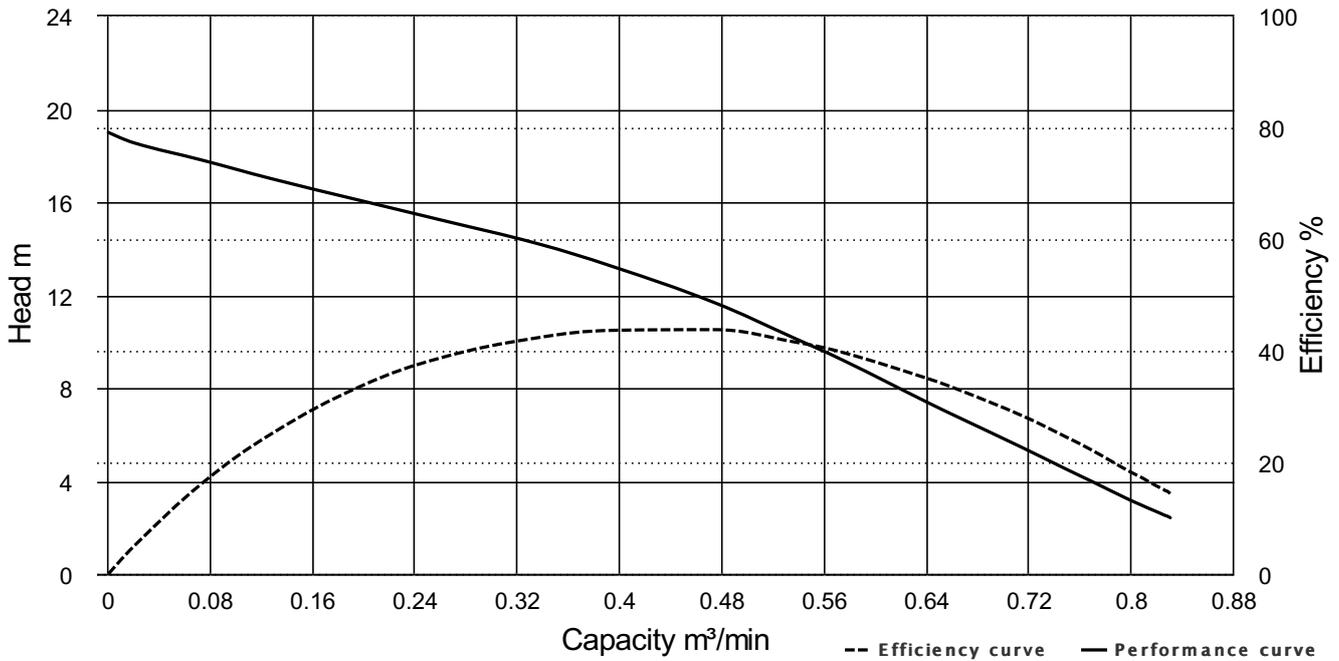
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# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80AFU22.2					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	0.4 m <sup>3</sup> /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						



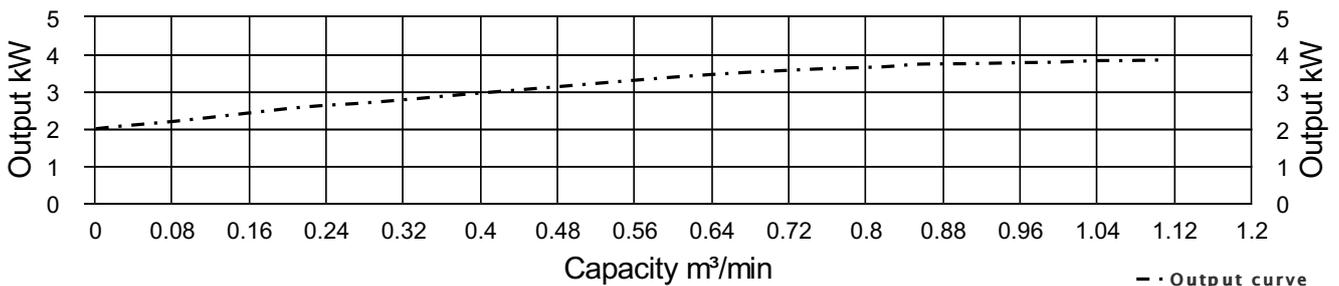
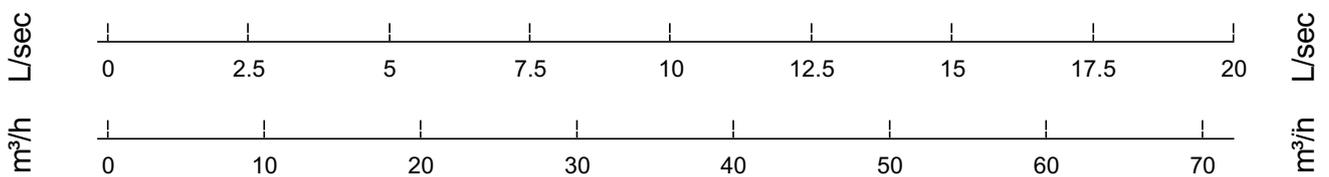
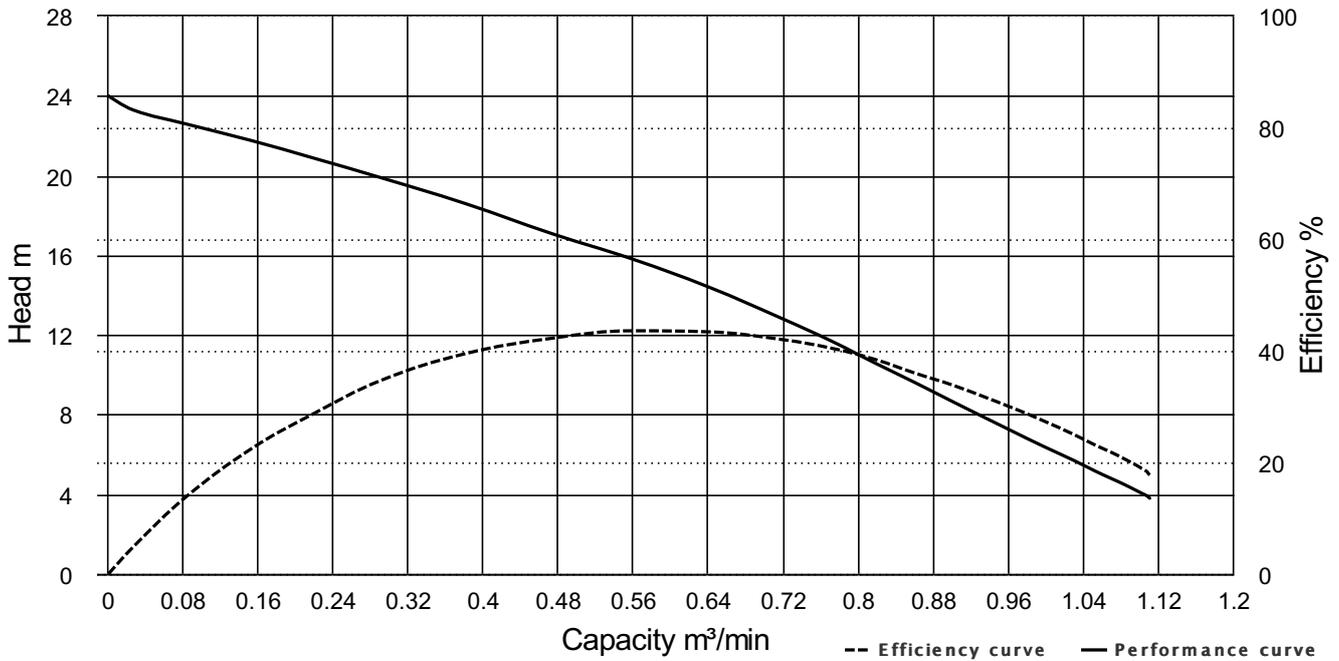
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# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80AFU23.7A					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	5 HP / 3.7 kW						
Std. Head	16.5 m						
Std. Capacity	0.5 m <sup>3</sup> /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						



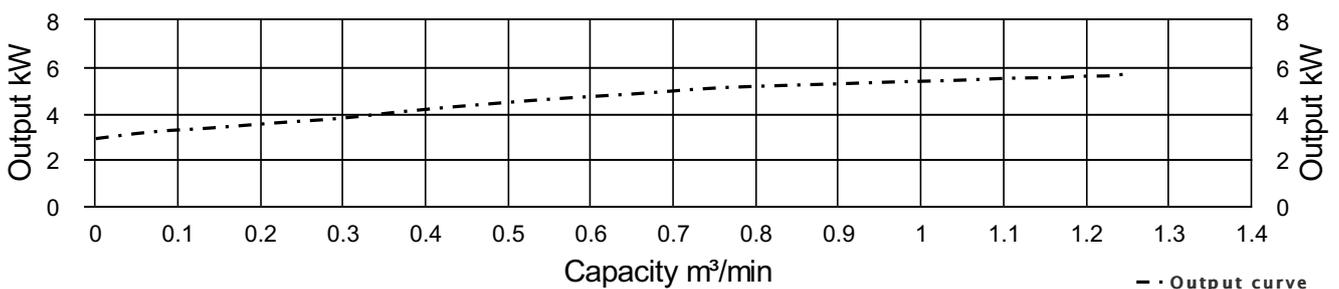
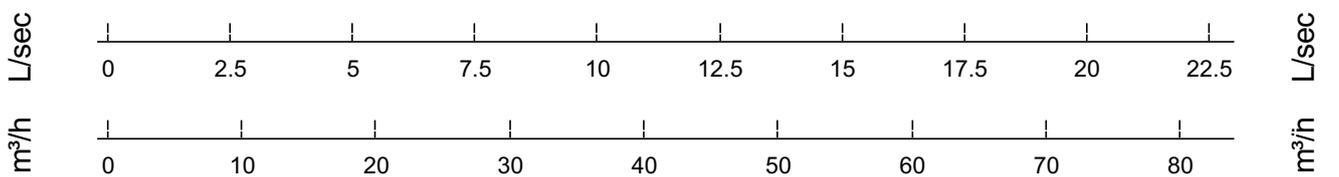
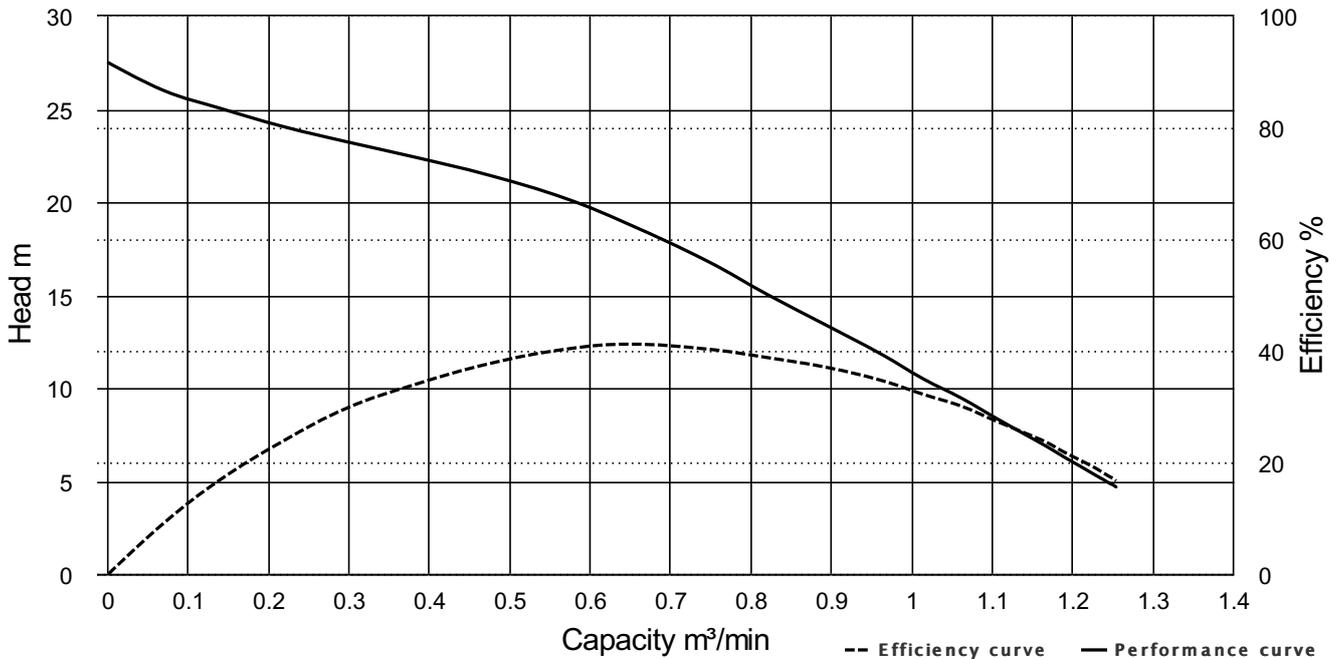
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	80AFU25.5					<b>Ver NO.</b>	BA0407	
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>		
<b>Discharge</b>	3" / 80 mm							
<b>Power</b>	7.5 HP / 5.5 kW							
<b>Std. Head</b>	19.5 m							
<b>Std. Capacity</b>	0.6 m <sup>3</sup> /min							
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V			
<b>Rated Current</b>	20.6 A	11.7 A	11.4 A	11.4 A	9.1 A			
<b>Pole / rpm</b>	2 P / 2890 rpm							
<b>Start Method</b>	DOL							
<b>Insulation Class</b>	H							



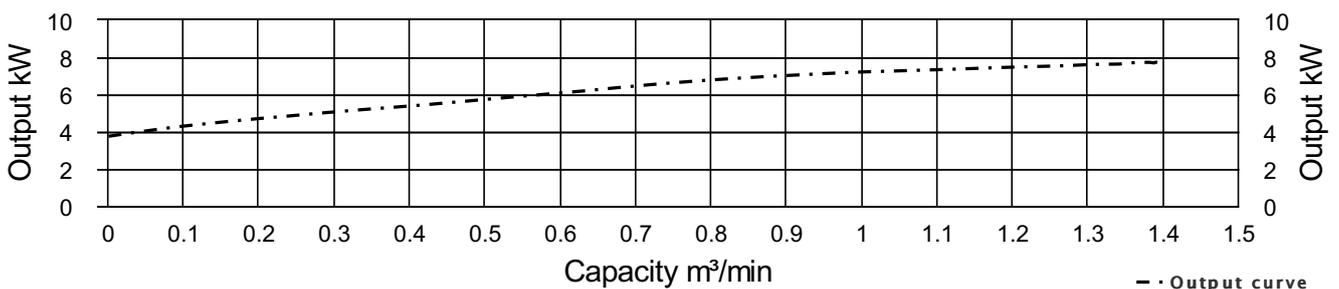
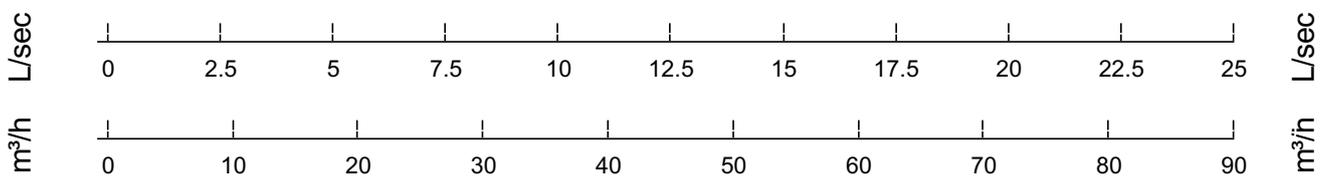
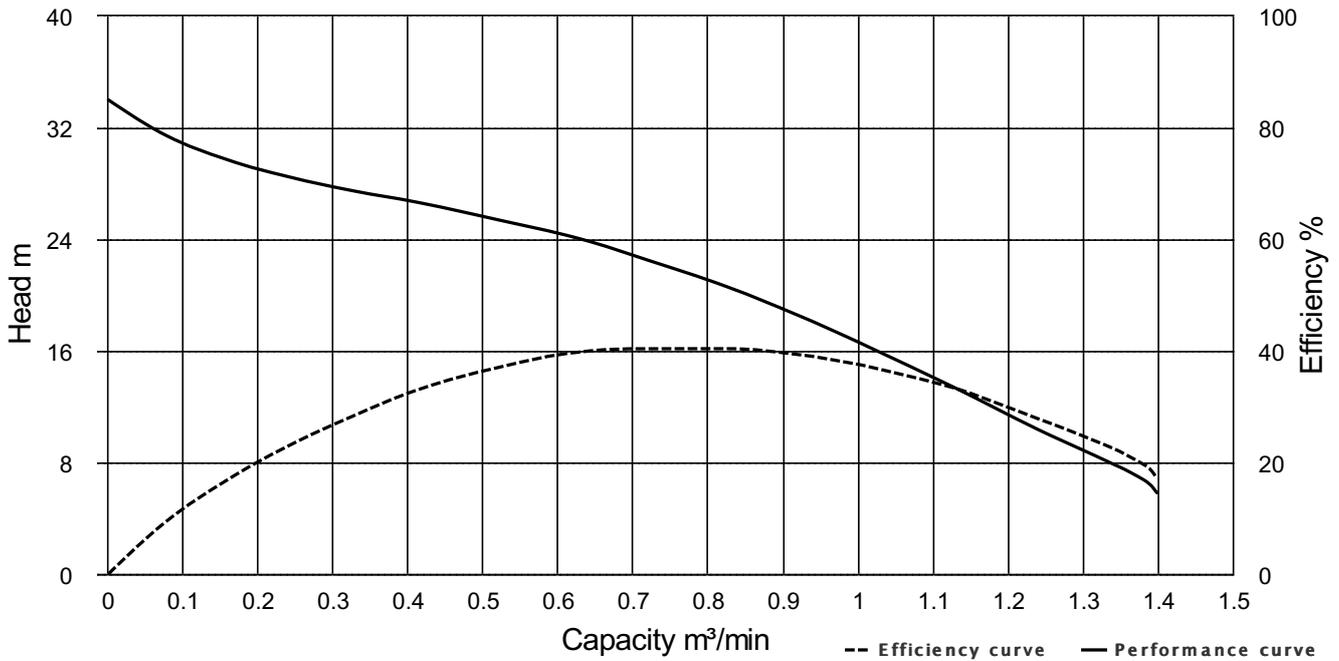
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	80AFU27.5					<b>Ver NO.</b>	BA0407	
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>		
<b>Discharge</b>	3" / 80 mm							
<b>Power</b>	10 HP / 7.5 kW							
<b>Std. Head</b>	24 m							
<b>Std. Capacity</b>	0.6 m <sup>3</sup> /min							
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V			
<b>Rated Current</b>	27.6 A	15.7 A	15.2 A	15.2 A	12.2 A			
<b>Pole / rpm</b>	2 P / 2900 rpm							
<b>Start Method</b>	DOL							
<b>Insulation Class</b>	H							



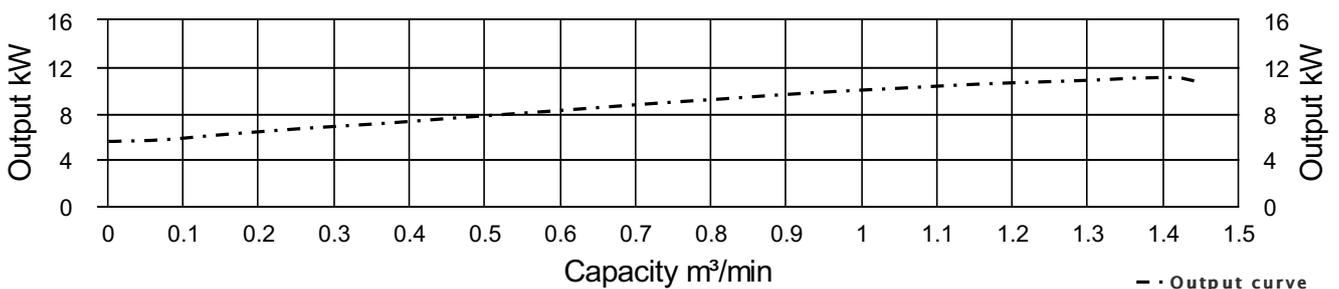
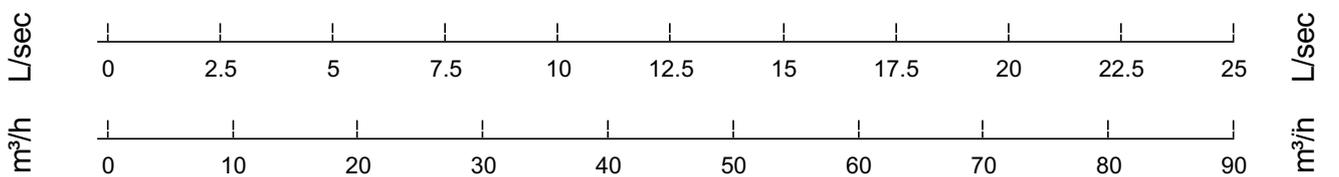
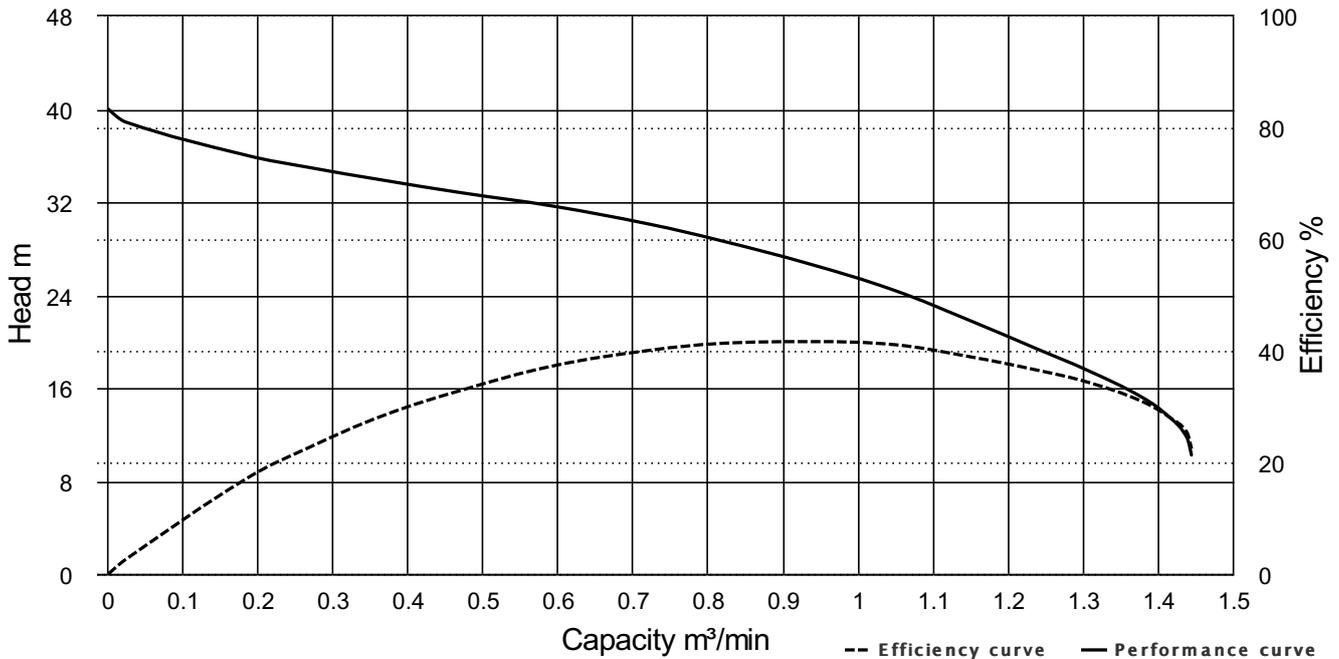
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	80AFU211					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	3" / 80 mm						
<b>Power</b>	15 HP / 11 kW						
<b>Std. Head</b>	31.5 m						
<b>Std. Capacity</b>	0.6 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	39 A	22.2 A	21.6 A	21.6 A	17.3 A		
<b>Pole / rpm</b>	2 P / 2900 rpm						
<b>Start Method</b>	STAR-DELTA / DOL						
<b>Insulation Class</b>	H						



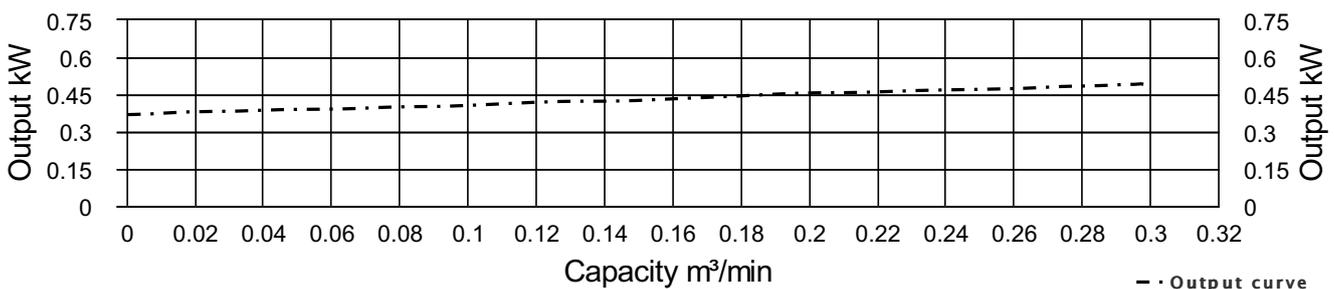
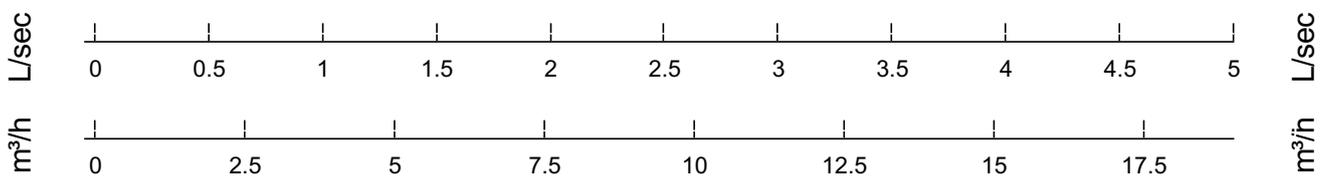
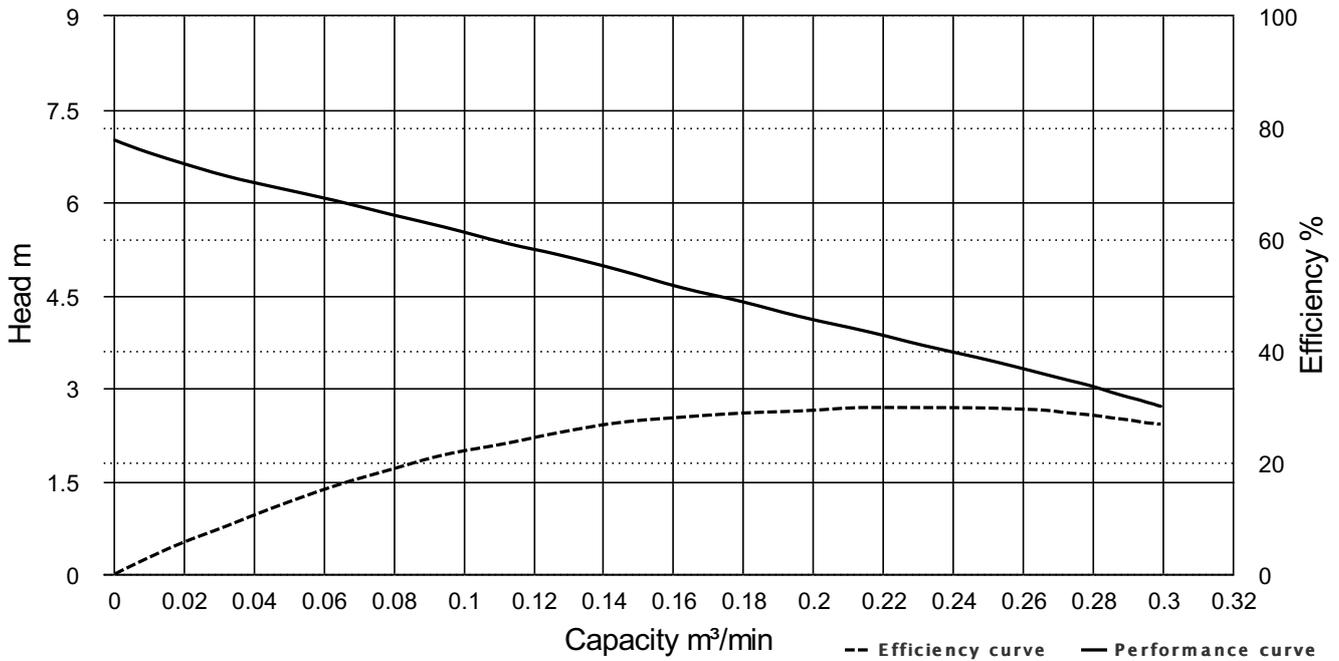
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# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	50AFU2.4L				<b>Ver NO.</b>	BA0407	
<b>Frequency / Phase</b>	50 Hz / 1 Ø				<b>REFERENCE SPECIFICATION</b>		
<b>Discharge</b>	2" / 50 mm						
<b>Power</b>	0.5 HP / 0.4 kW						
<b>Std. Head</b>	4 m						
<b>Std. Capacity</b>	0.2 m <sup>3</sup> /min						
<b>Volt</b>	110 V	220 V	230 V	240 V			
<b>Rated Current</b>	6.8 A	3.4 A	3.3 A	3.2 A			
<b>Pole / rpm</b>	2 P / 2780 rpm						
<b>Start Method</b>	CAPACITOR						
<b>Insulation Class</b>	B						



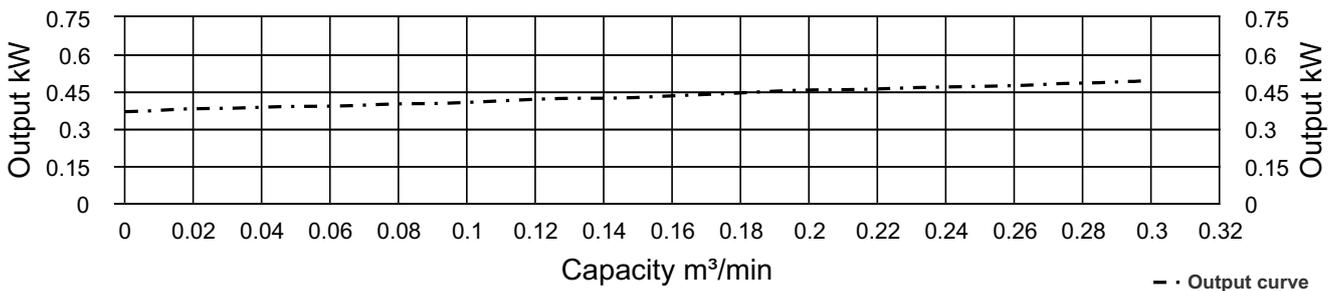
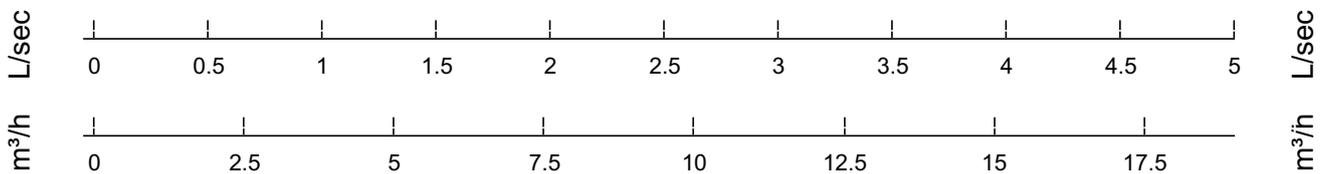
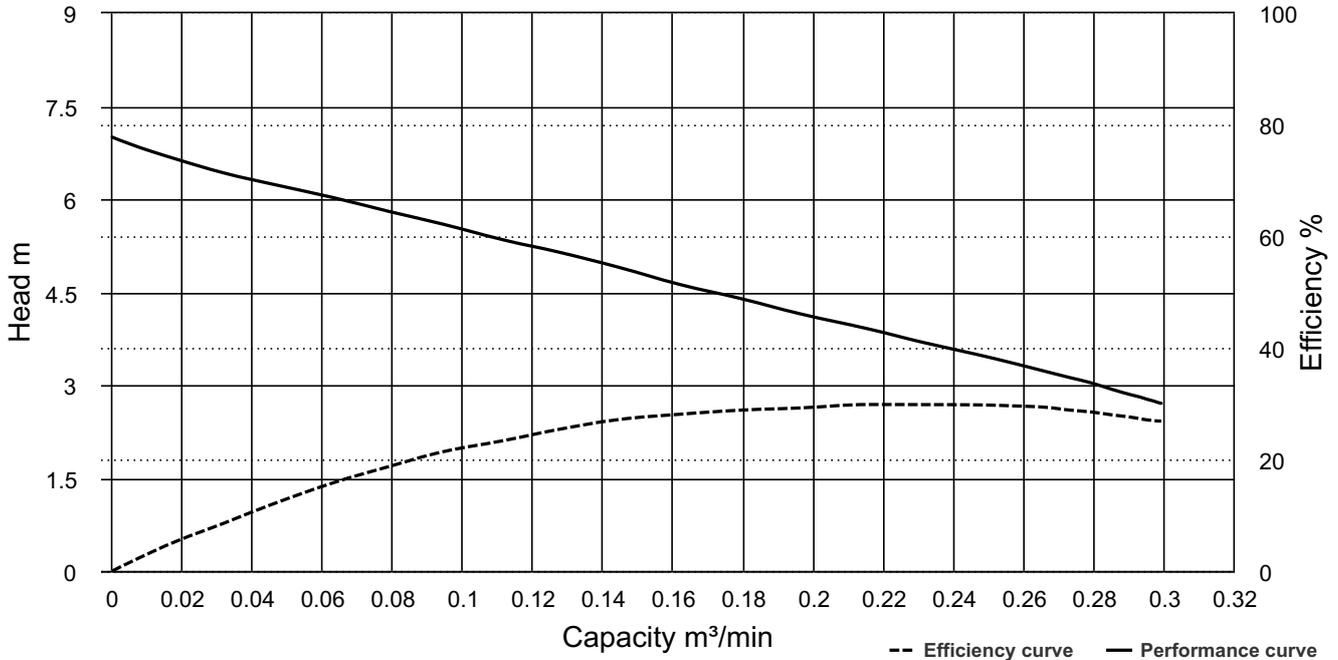
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	50AFU2.4L					<b>Ver NO.</b>	BA0429	
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>		
<b>Discharge</b>	2" / 50 mm							
<b>Power</b>	0.5 HP / 0.4 kW							
<b>Std. Head</b>	4 m							
<b>Std. Capacity</b>	0.2 m <sup>3</sup> /min							
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V			
<b>Rated Current</b>	2.4 A	1.4 A	1.3 A	1.3 A	1.1 A			
<b>Pole / rpm</b>	2 P / 2780 rpm							
<b>Start Method</b>	DOL							
<b>Insulation Class</b>	B							



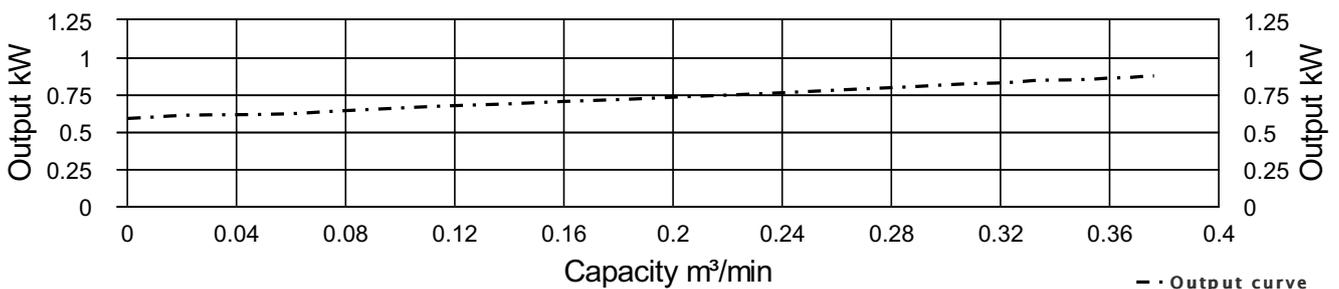
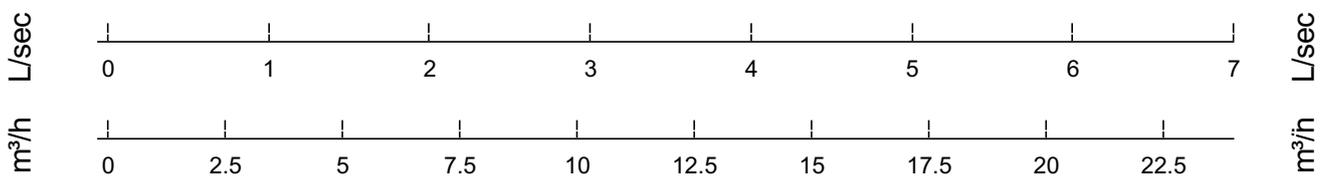
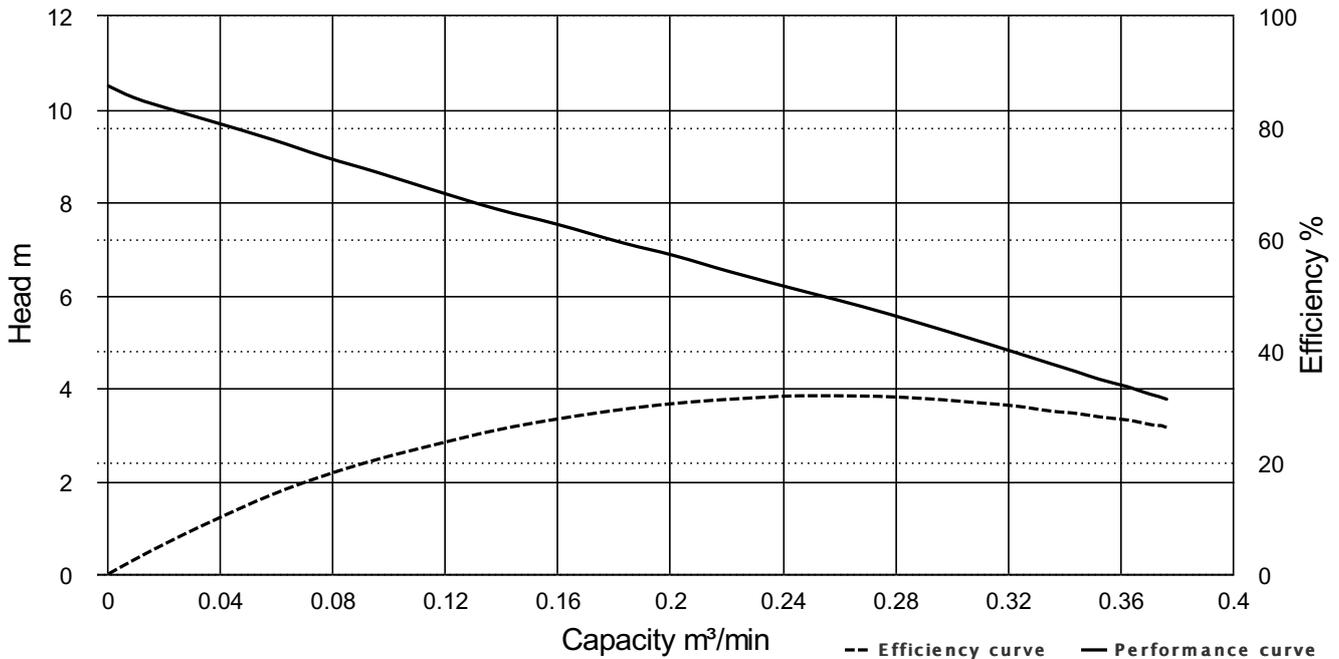
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	50AFU2.8L				Ver NO.	BA0407	
Frequency / Phase	50 Hz / 1 Ø				REFERENCE SPECIFICATION		
Discharge	2" / 50 mm						
Power	1 HP / 0.75 kW						
Std. Head	6 m						
Std. Capacity	0.25 m <sup>3</sup> /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						



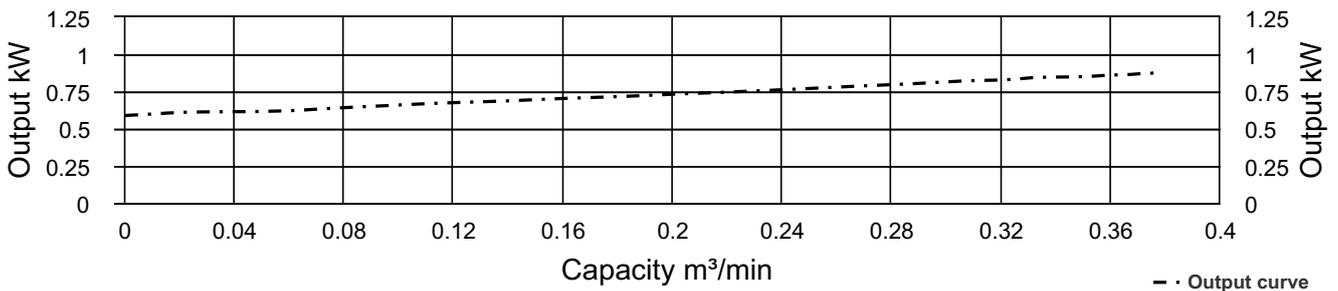
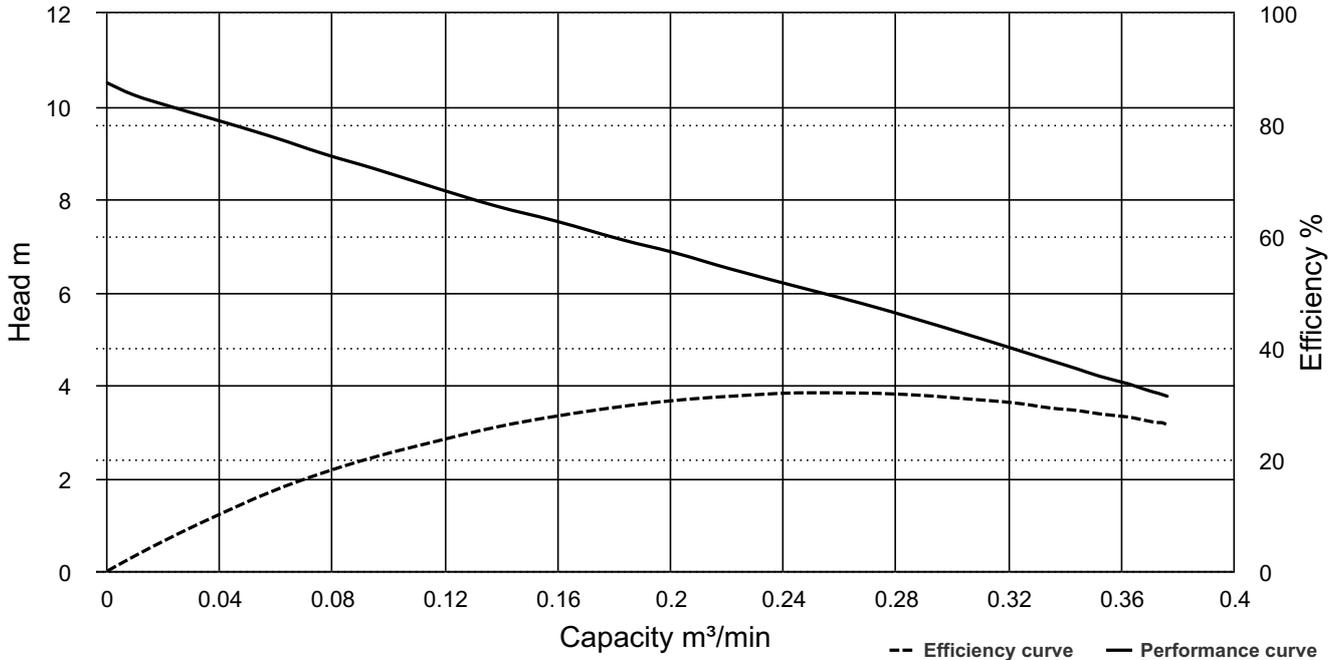
HCP PUMP MANUFACTURER CO., LTD.



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	50AFU2.8L					<b>Ver NO.</b>	BA0429
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	2" / 50 mm						
<b>Power</b>	1 HP / 0.75 kW						
<b>Std. Head</b>	6 m						
<b>Std. Capacity</b>	0.25 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	3.5 A	2 A	1.9 A	1.9 A	1.5 A		
<b>Pole / rpm</b>	2 P / 2800 rpm						
<b>Start Method</b>	DOL						
<b>Insulation Class</b>	B						



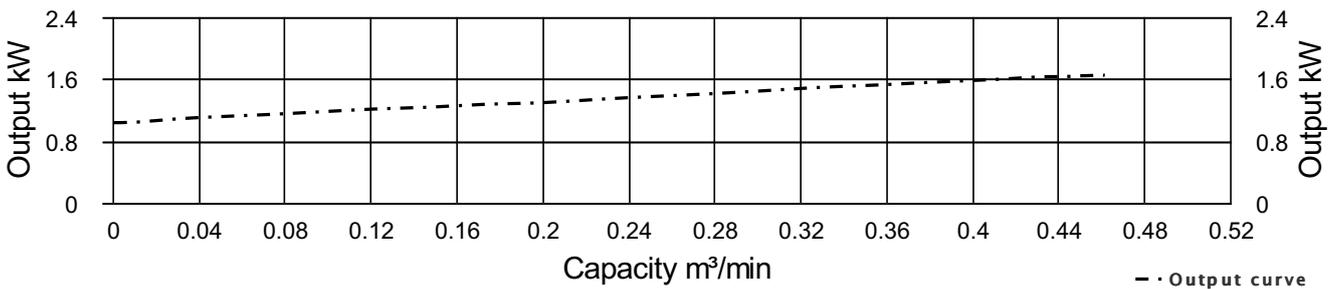
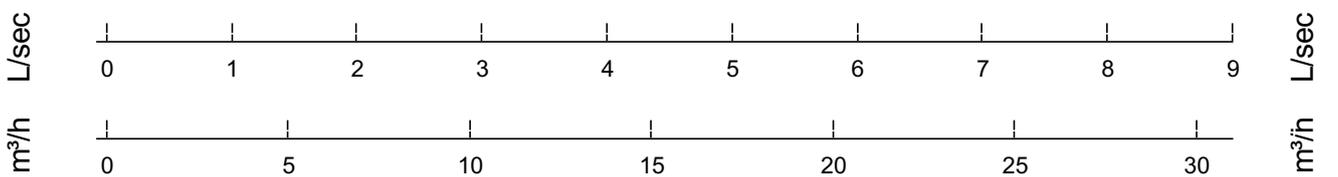
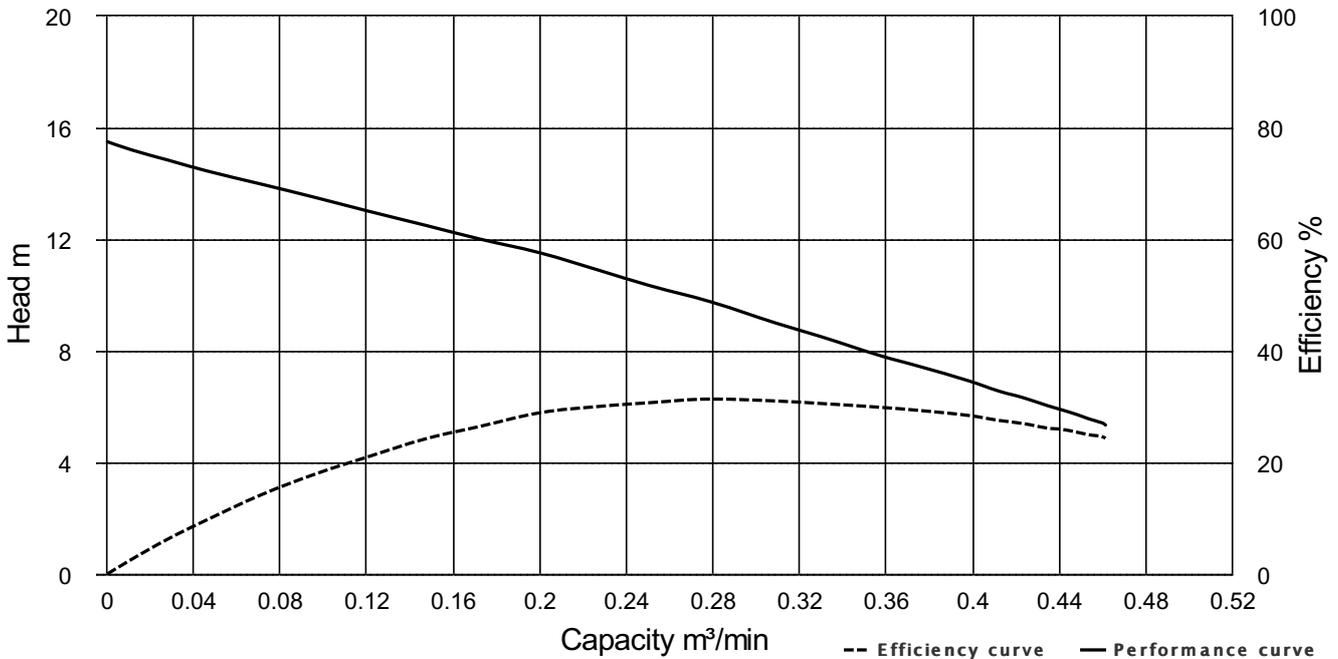
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	50AFU21.5L			<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 1 Ø			<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	2" / 50 mm				
<b>Power</b>	2 HP / 1.5 kW				
<b>Std. Head</b>	10 m				
<b>Std. Capacity</b>	0.25 m <sup>3</sup> /min				
<b>Volt</b>	220 V	230 V	240 V		
<b>Rated Current</b>	10.2 A	10 A	9.8 A		
<b>Pole / rpm</b>	2 P / 2820 rpm				
<b>Start Method</b>	CAPACITOR				
<b>Insulation Class</b>	F				



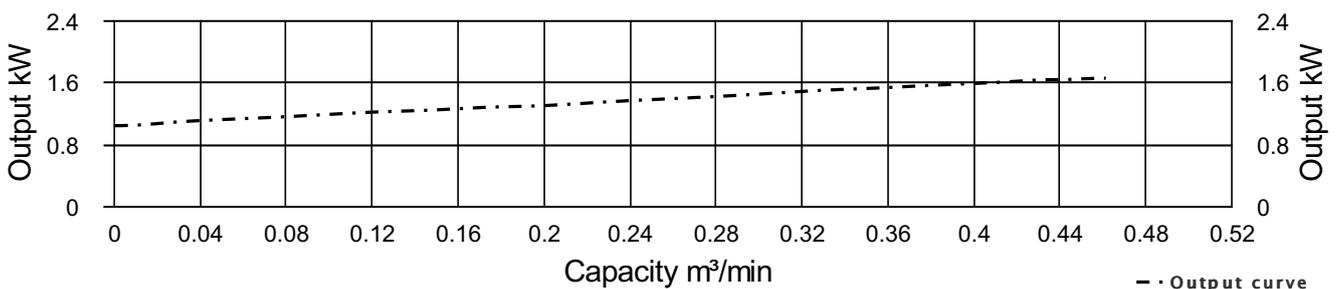
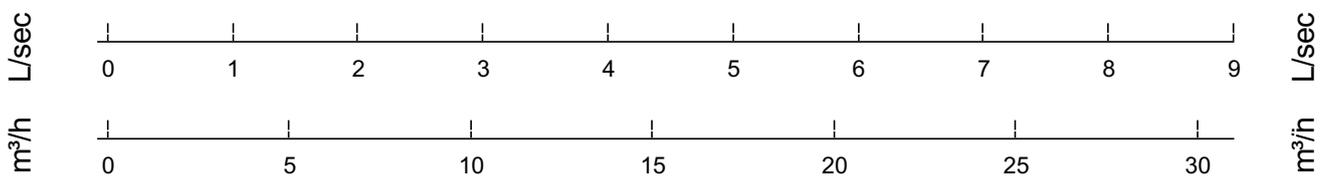
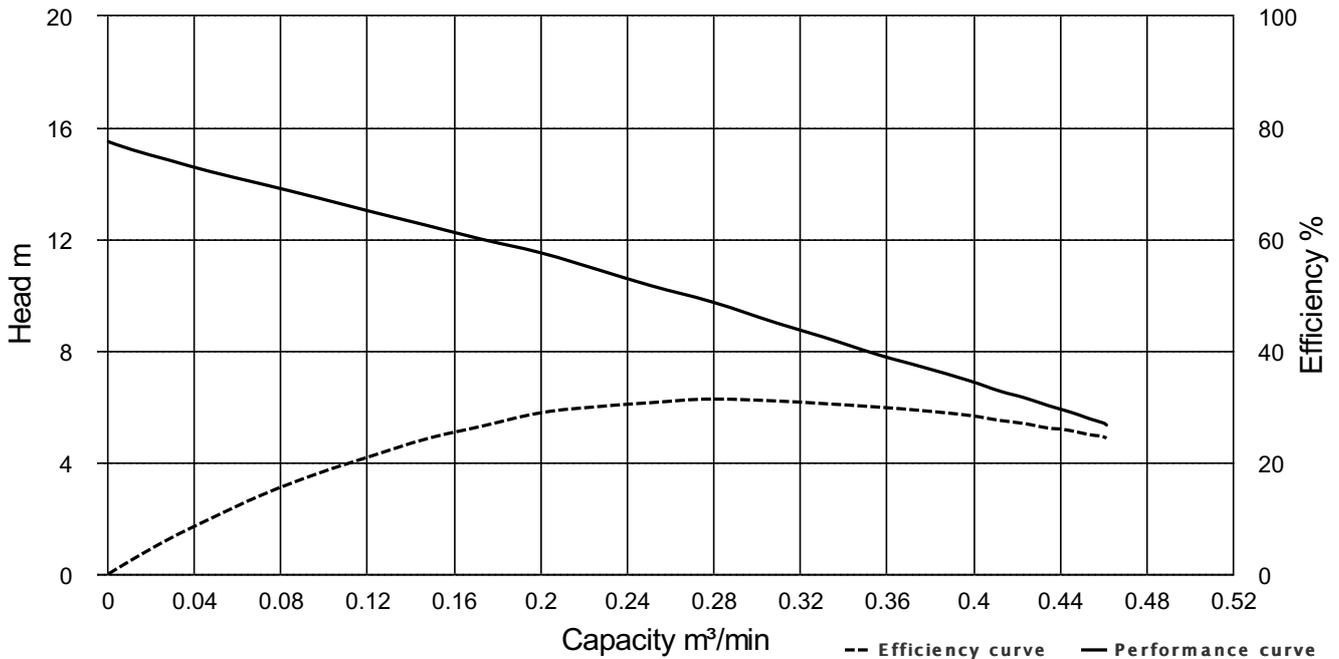
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	50AFU21.5L					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	2" / 50 mm						
<b>Power</b>	2 HP / 1.5 kW						
<b>Std. Head</b>	10 m						
<b>Std. Capacity</b>	0.25 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	6.2 A	3.6 A	3.4 A	3.4 A	2.7 A		
<b>Pole / rpm</b>	2 P / 2820 rpm						
<b>Start Method</b>	DOL						
<b>Insulation Class</b>	F						



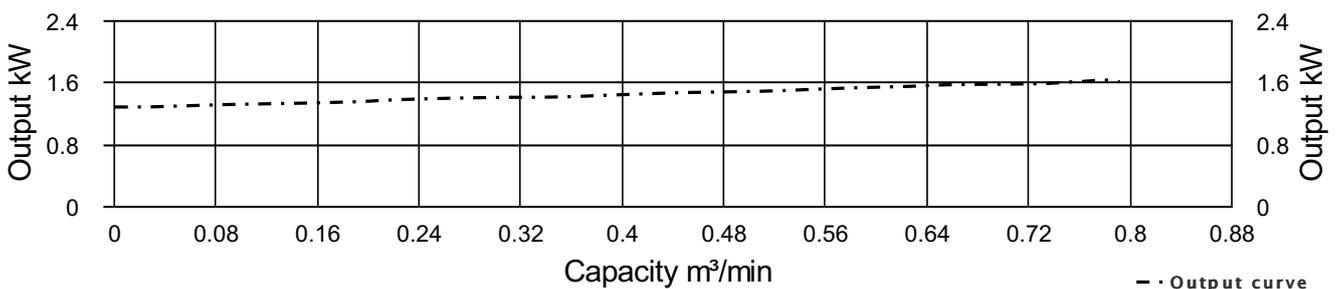
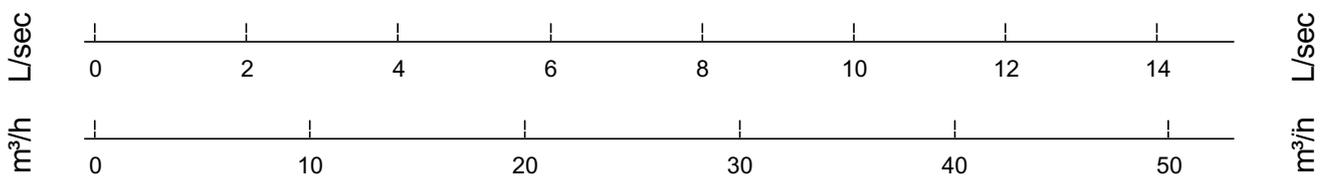
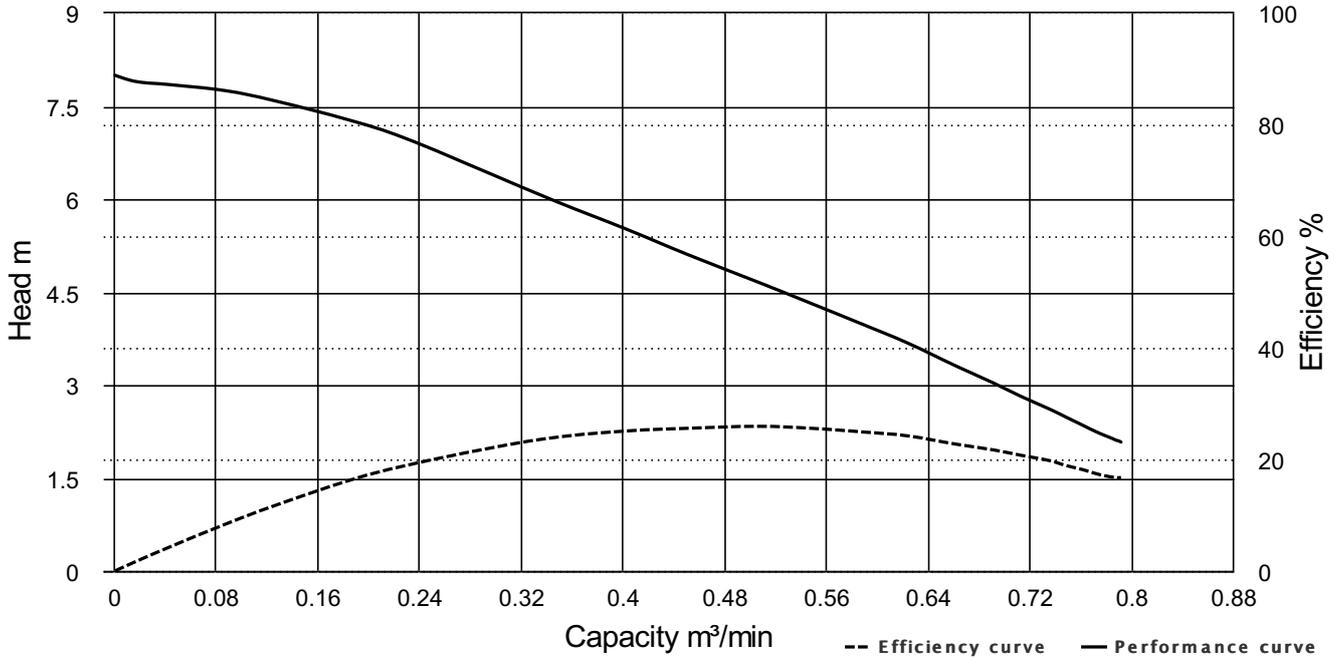
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	80AFU21.5L				<b>Ver NO.</b>	BA0407	
<b>Frequency / Phase</b>	50 Hz / 1 Ø				<b>REFERENCE SPECIFICATION</b>		
<b>Discharge</b>	3" / 80 mm						
<b>Power</b>	2 HP / 1.5 kW						
<b>Std. Head</b>	4.5 m						
<b>Std. Capacity</b>	0.5 m <sup>3</sup> /min						
<b>Volt</b>	220 V	230 V	240 V				
<b>Rated Current</b>	10.2 A	10 A	9.8 A				
<b>Pole / rpm</b>	2 P / 2820 rpm						
<b>Start Method</b>	CAPACITOR						
<b>Insulation Class</b>	F						



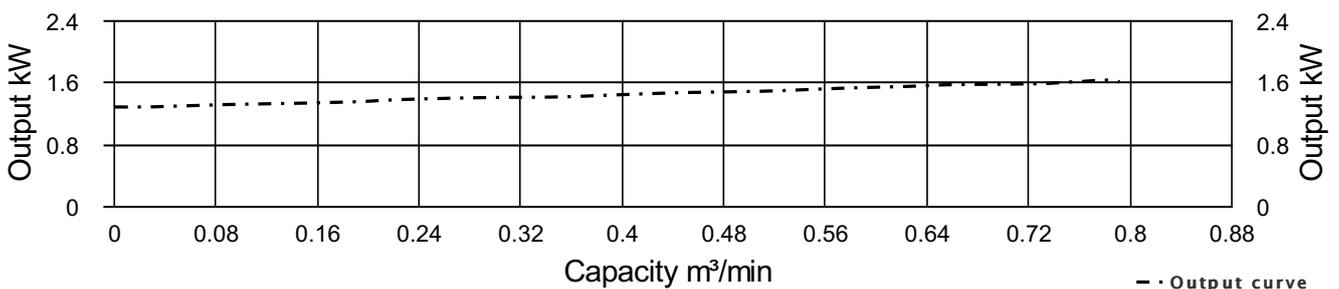
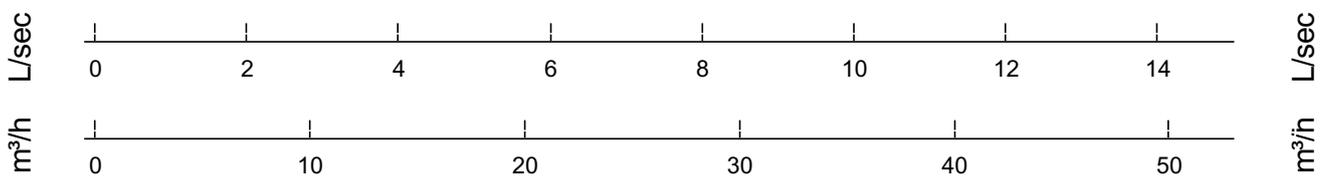
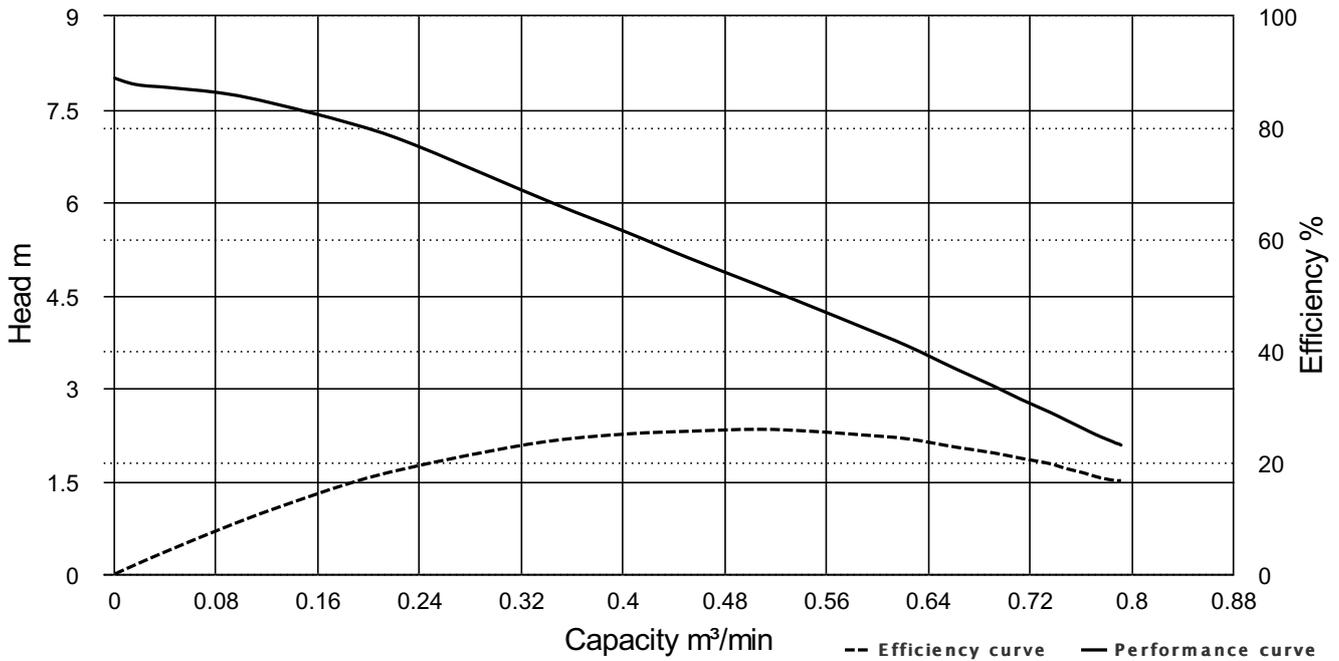
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80AFU21.5L					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	2 HP / 1.5 kW						
Std. Head	4.5 m						
Std. Capacity	0.5 m <sup>3</sup> /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						



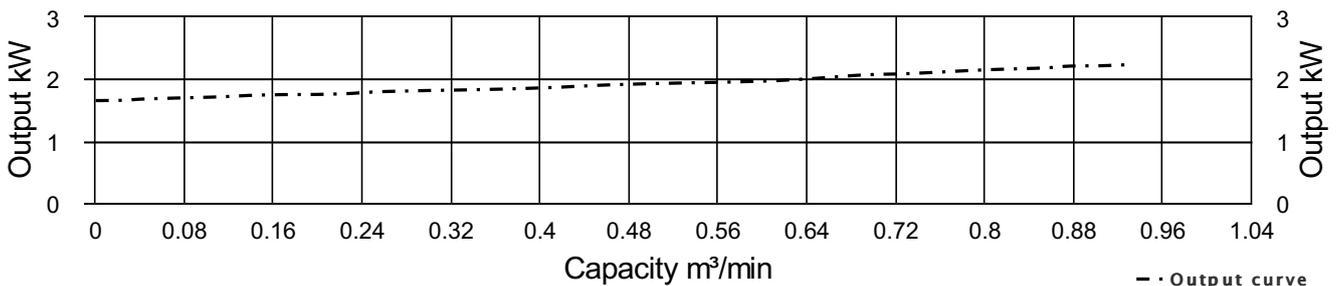
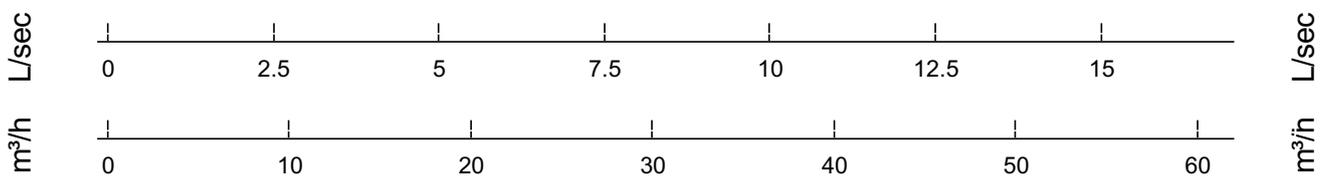
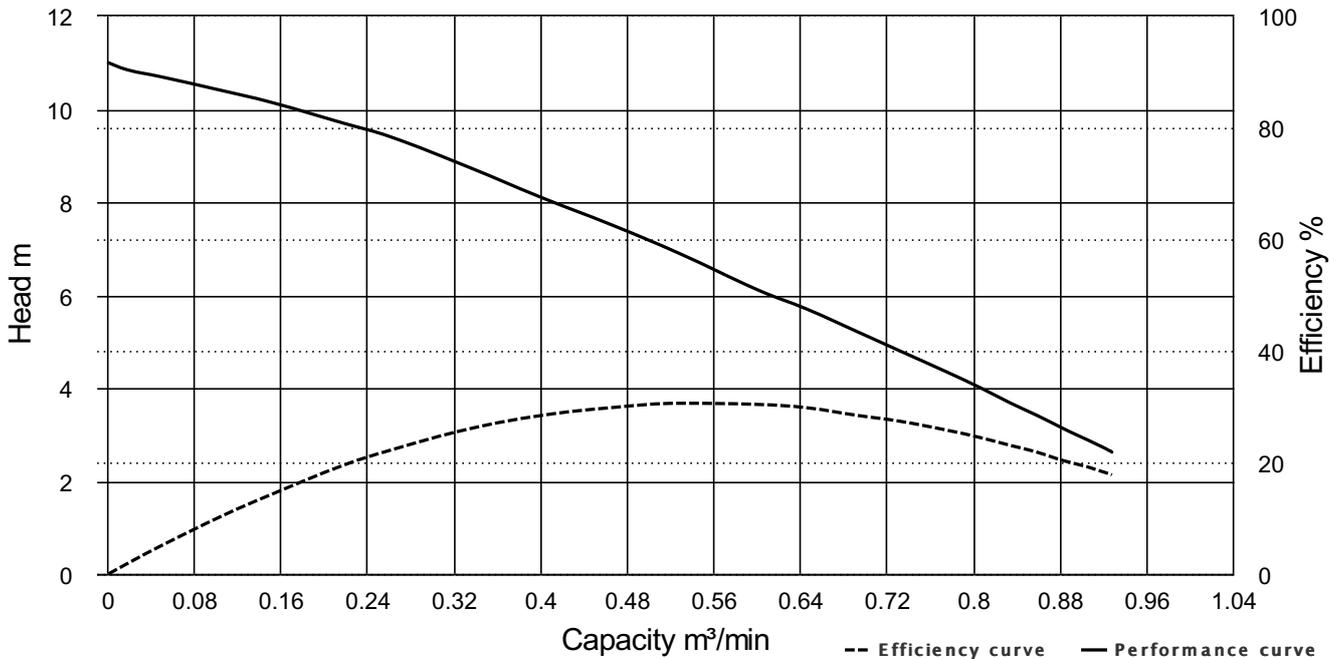
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80AFU22.2L				Ver NO.	BA0407	
Frequency / Phase	50 Hz / 1 Ø				REFERENCE SPECIFICATION		
Discharge	3" / 80 mm						
Power	3 HP / 2.2 kW						
Std. Head	7 m						
Std. Capacity	0.5 m <sup>3</sup> /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						



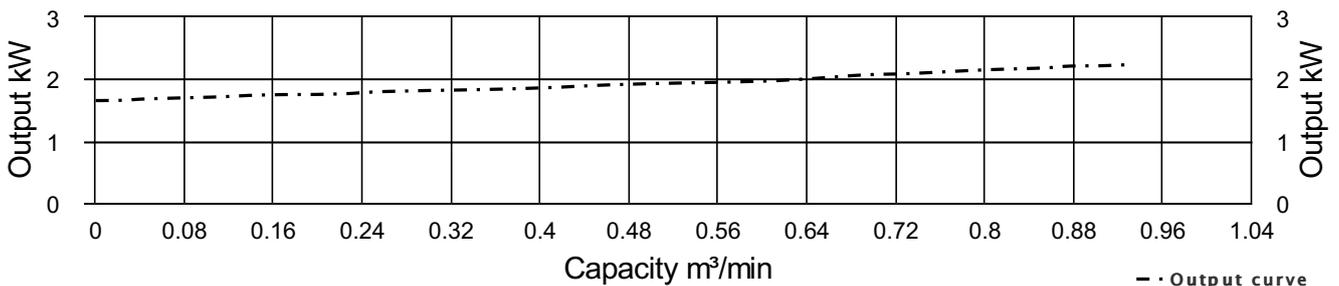
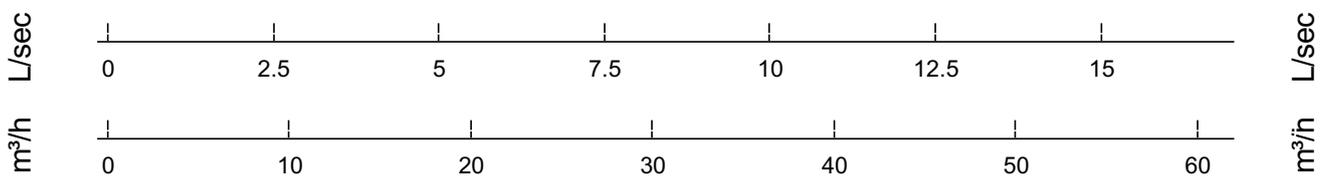
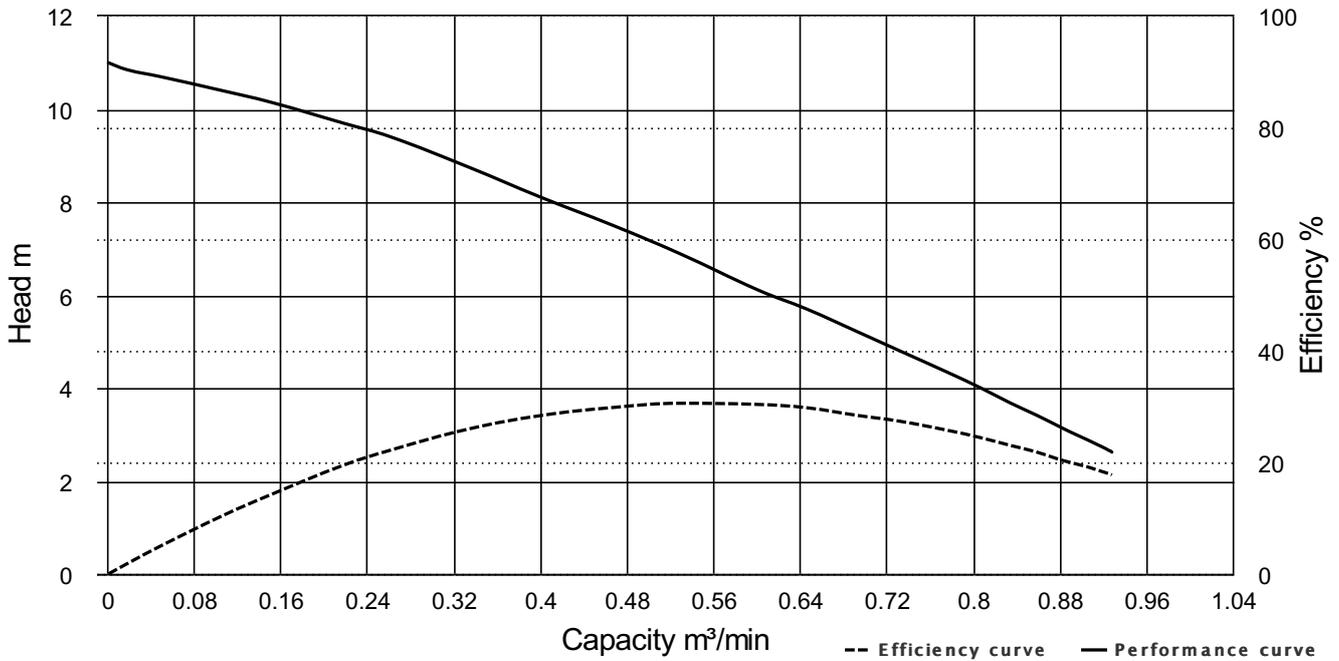
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80AFU22.2L					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	3 HP / 2.2 kW						
Std. Head	7 m						
Std. Capacity	0.5 m <sup>3</sup> /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						



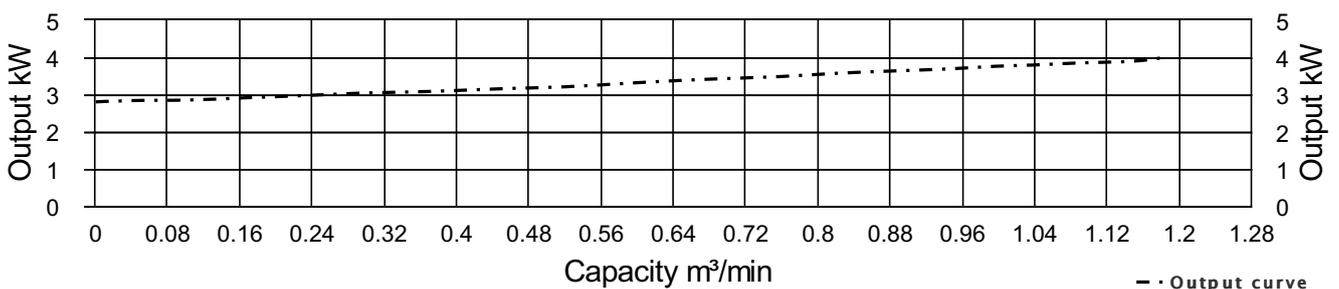
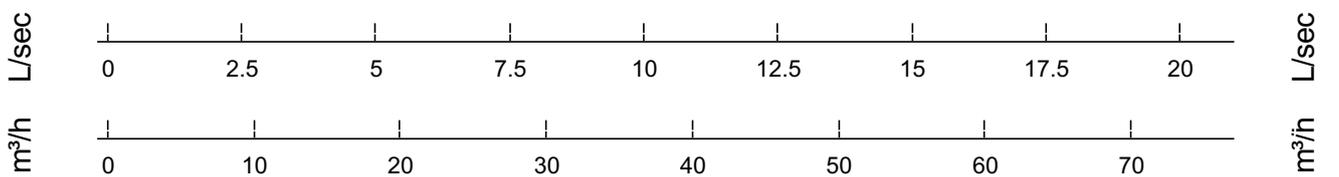
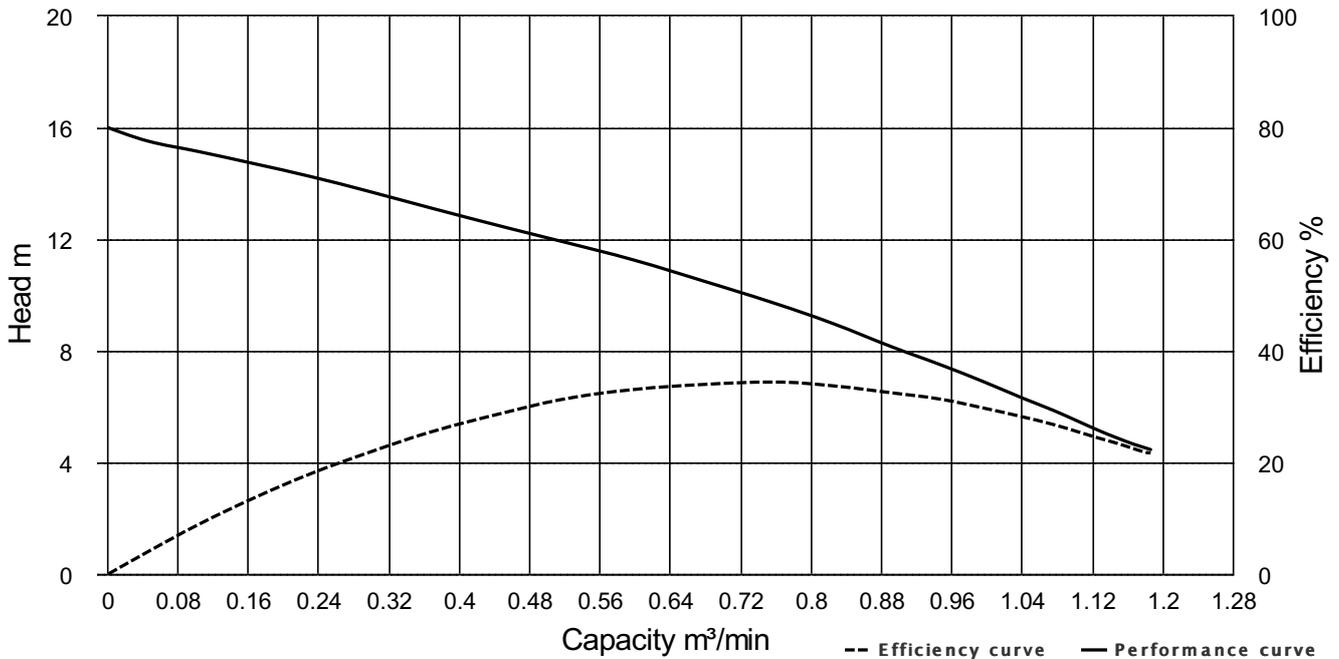
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	80AFU23.7LA					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	3" / 80 mm						
<b>Power</b>	5 HP / 3.7 kW						
<b>Std. Head</b>	11 m						
<b>Std. Capacity</b>	0.6 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	14.2 A	8.2 A	7.8 A	7.8 A	6.2 A		
<b>Pole / rpm</b>	2 P / 2850 rpm						
<b>Start Method</b>	DOL						
<b>Insulation Class</b>	F						



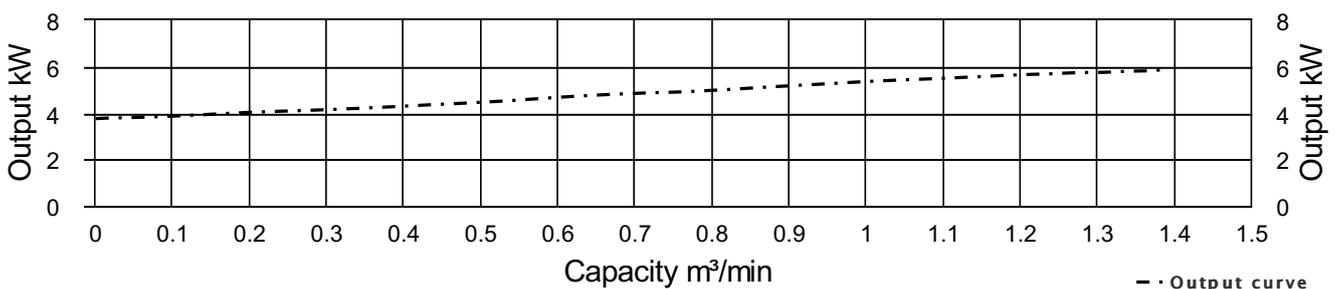
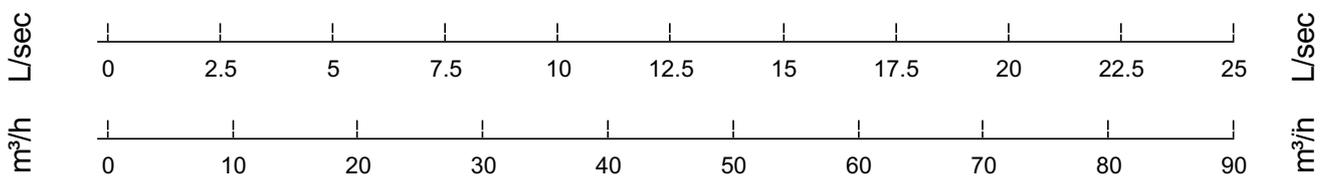
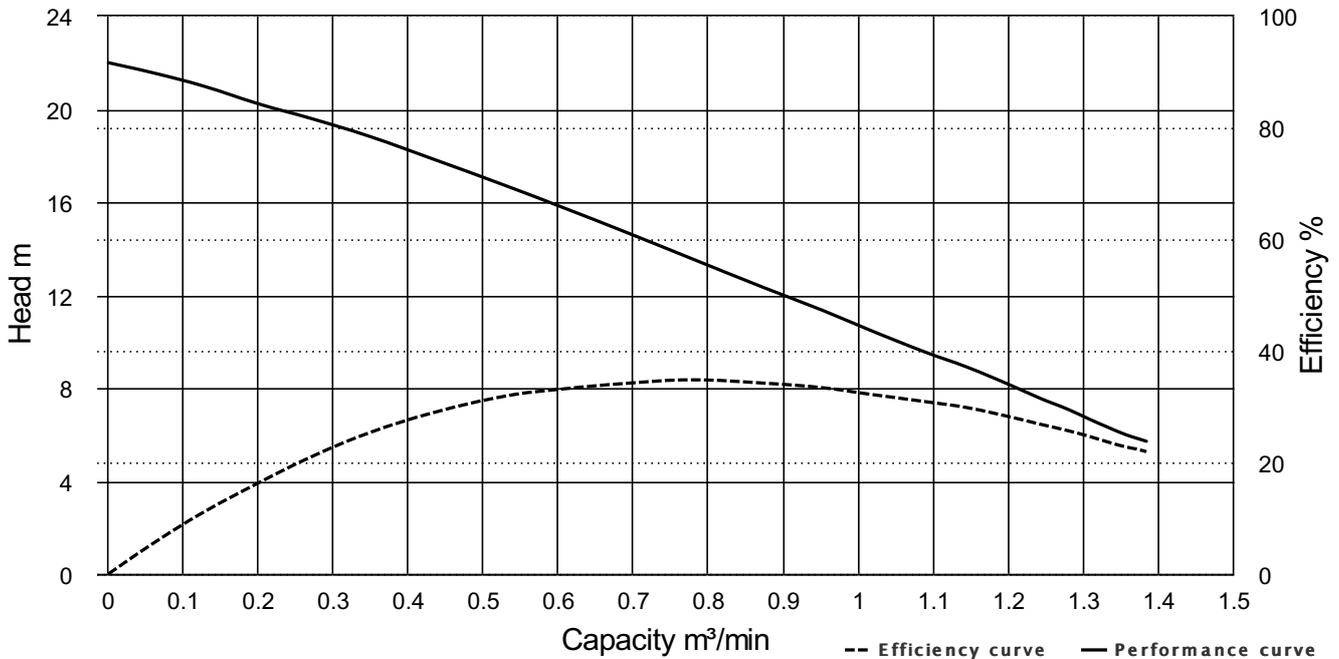
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	80AFU25.5L					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	3" / 80 mm						
<b>Power</b>	7.5 HP / 5.5 kW						
<b>Std. Head</b>	13 m						
<b>Std. Capacity</b>	0.8 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	20.6 A	11.7 A	11.4 A	11.4 A	9.1 A		
<b>Pole / rpm</b>	2 P / 2890 rpm						
<b>Start Method</b>	DOL						
<b>Insulation Class</b>	H						



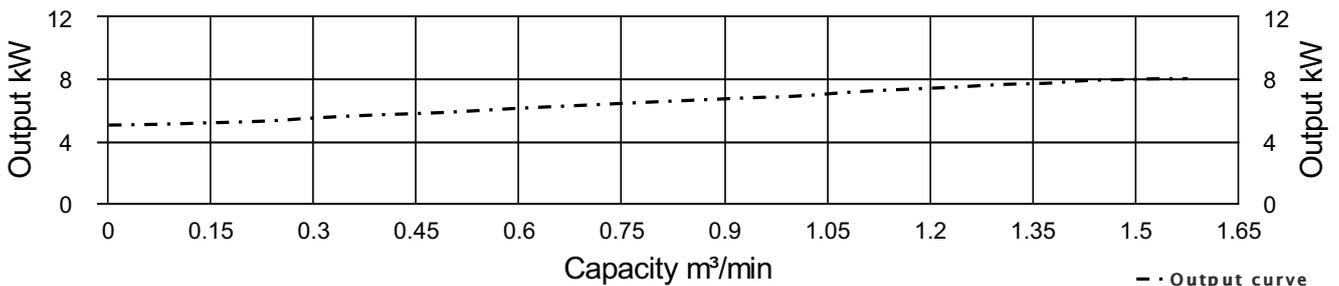
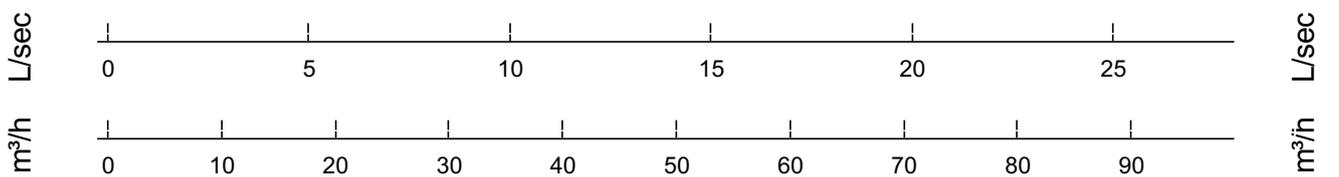
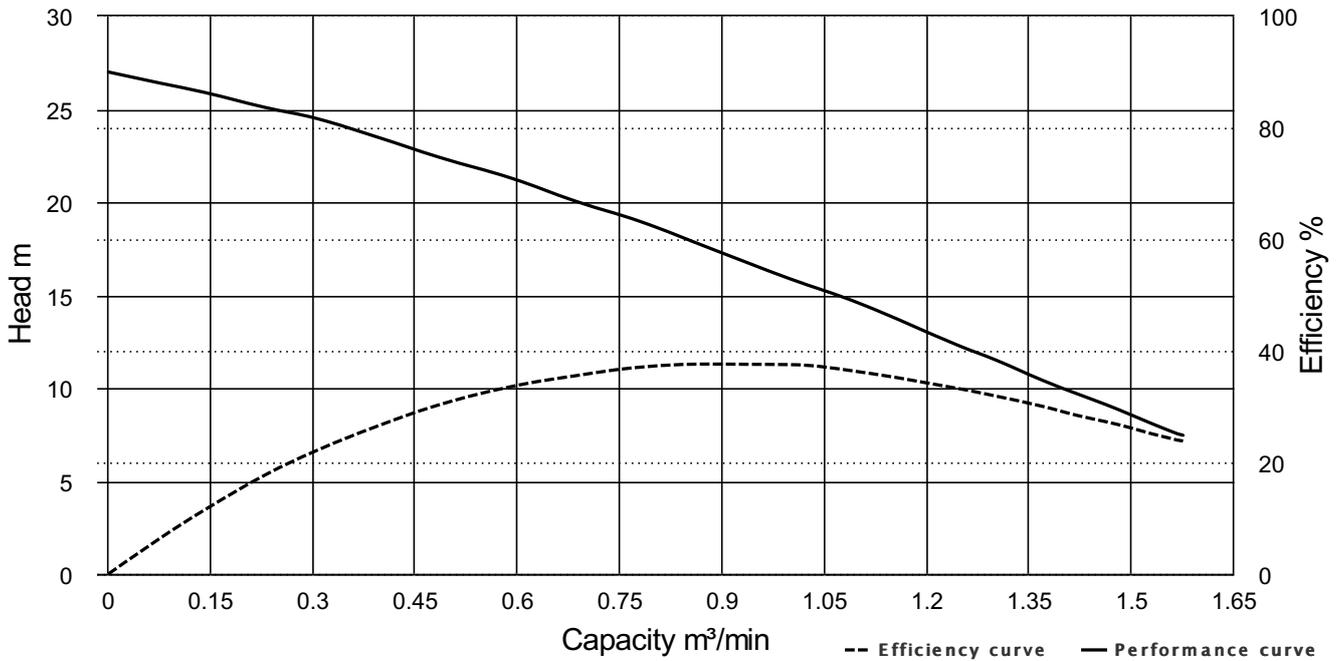
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	80AFU27.5L					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	3" / 80 mm						
<b>Power</b>	10 HP / 7.5 kW						
<b>Std. Head</b>	17.5 m						
<b>Std. Capacity</b>	0.8 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	27.6 A	15.7 A	15.2 A	15.2 A	12.2 A		
<b>Pole / rpm</b>	2 P / 2900 rpm						
<b>Start Method</b>	DOL						
<b>Insulation Class</b>	H						



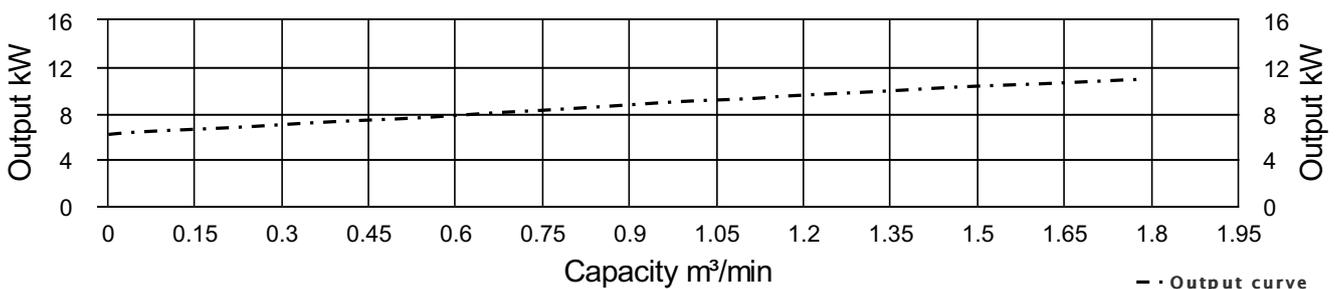
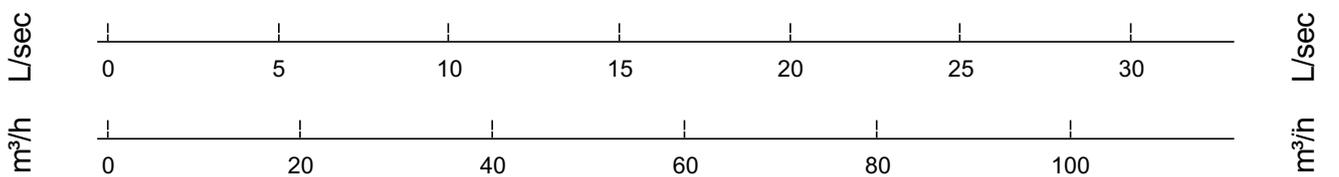
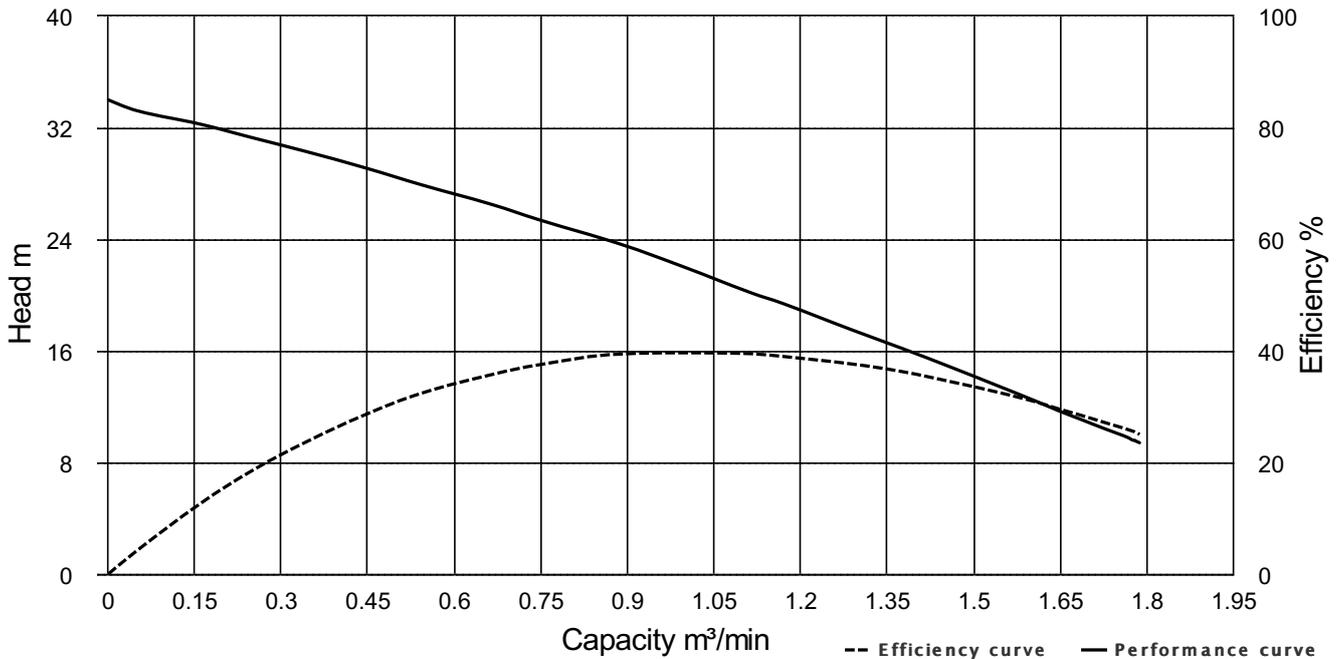
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	80AFU211L					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	3" / 80 mm						
<b>Power</b>	15 HP / 11 kW						
<b>Std. Head</b>	24.5 m						
<b>Std. Capacity</b>	0.8 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	39 A	22.2 A	21.6 A	21.6 A	17.3 A		
<b>Pole / rpm</b>	2 P / 2900 rpm						
<b>Start Method</b>	STAR-DELTA / DOL						
<b>Insulation Class</b>	H						



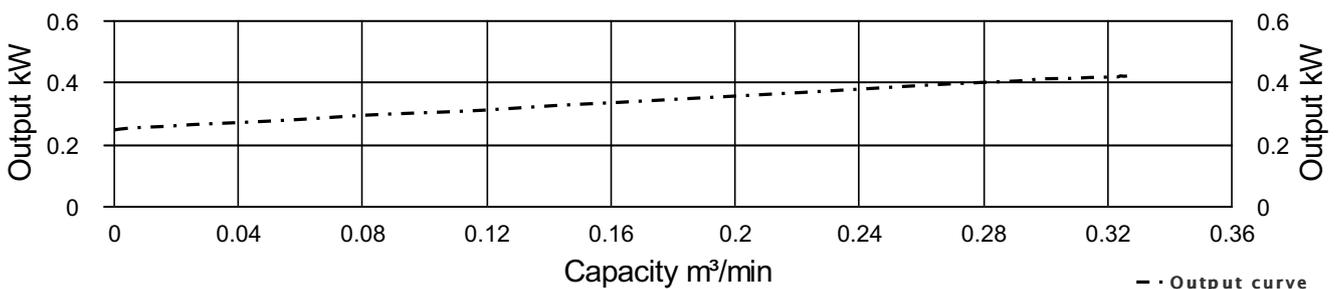
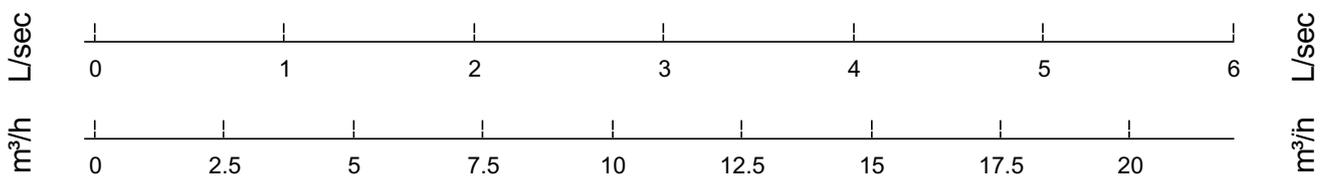
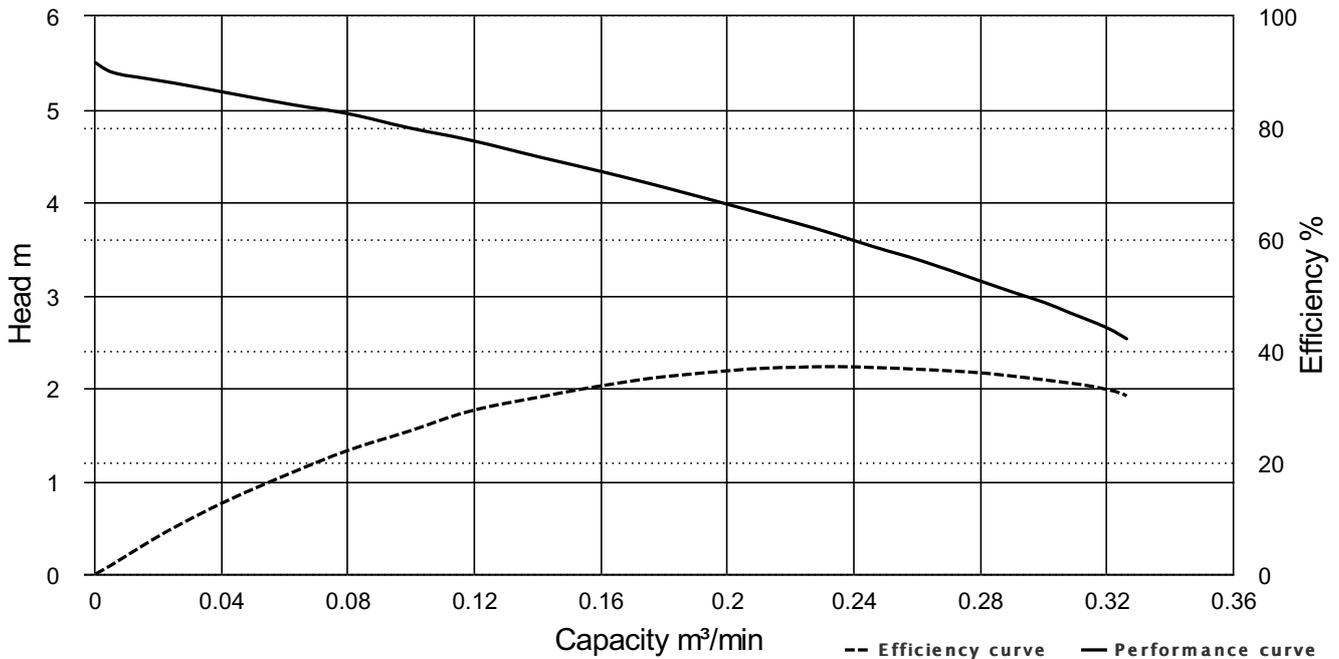
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	50AFU4.4				Ver NO.	BA0407	
Frequency / Phase	50 Hz / 1 Ø				REFERENCE SPECIFICATION		
Discharge	2" / 50 mm						
Power	0.5 HP / 0.4 kW						
Std. Head	3.5 m						
Std. Capacity	0.25 m³/min						
Volt	110 V	220 V	230 V	240 V			
Rated Current	6.4 A	3.2 A	3.1 A	3 A			
Pole / rpm	4 P / 1380 rpm						
Start Method	CAPACITOR						
Insulation Class	B						



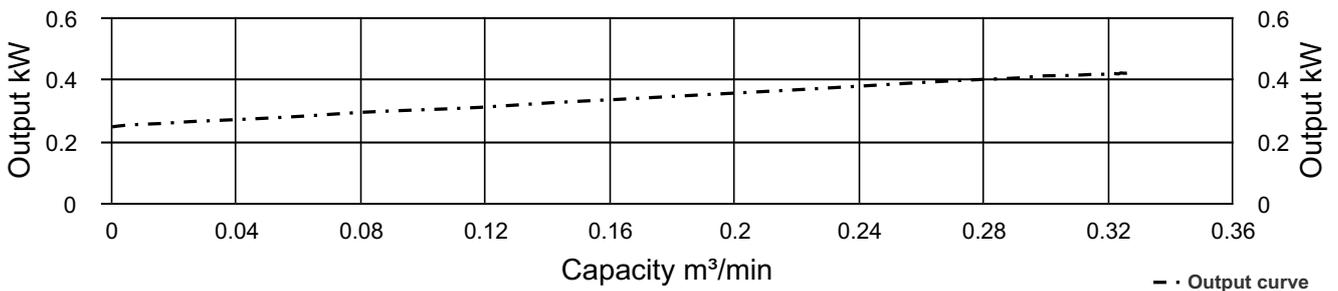
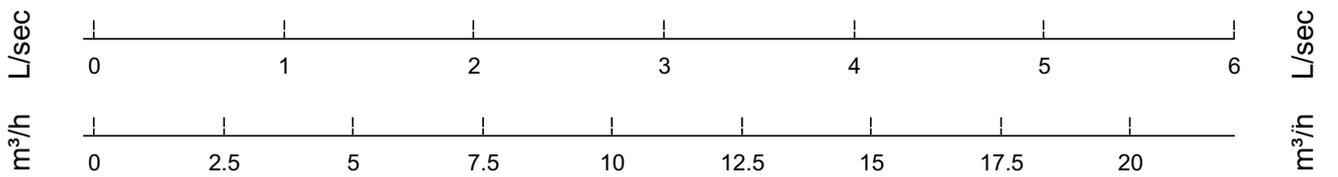
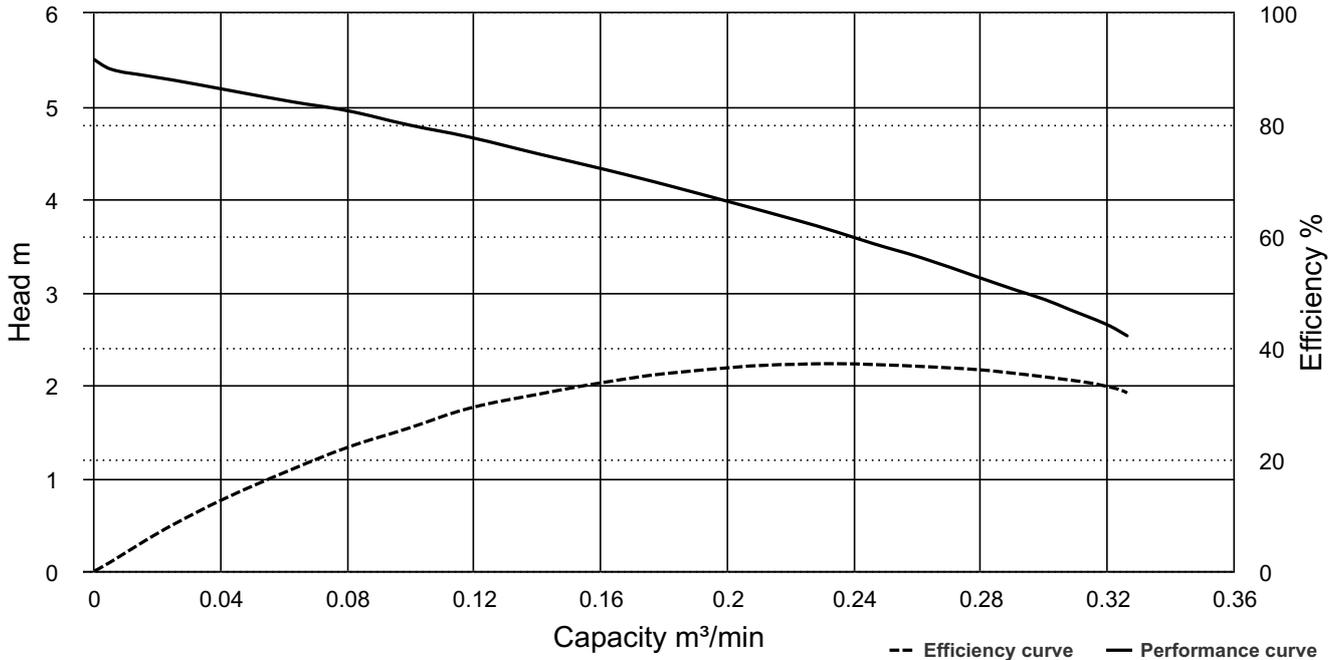
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	50AFU4.4					<b>Ver NO.</b>	BA0429
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	2" / 50 mm						
<b>Power</b>	0.5 HP / 0.4 kW						
<b>Std. Head</b>	3.5 m						
<b>Std. Capacity</b>	0.25 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	2.2 A	1.3 A	1.2 A	1.2 A	1 A		
<b>Pole / rpm</b>	4 P / 1380 rpm						
<b>Start Method</b>	DOL						
<b>Insulation Class</b>	B						



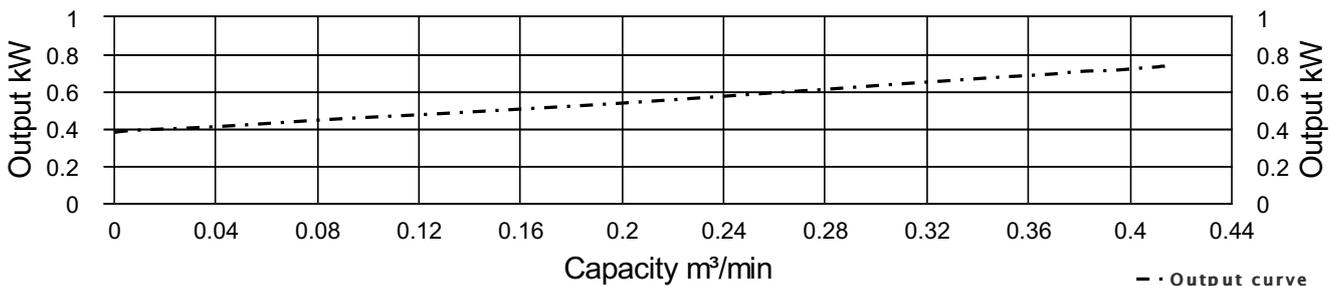
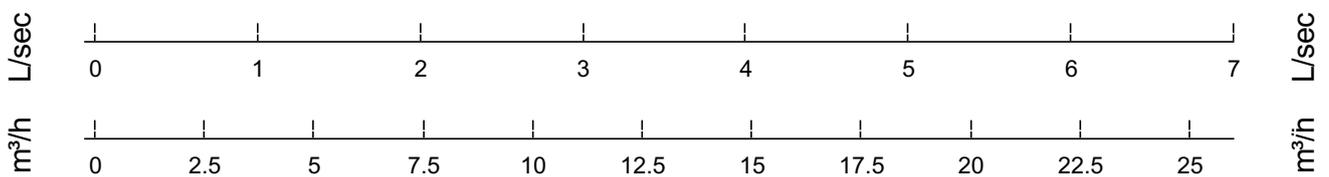
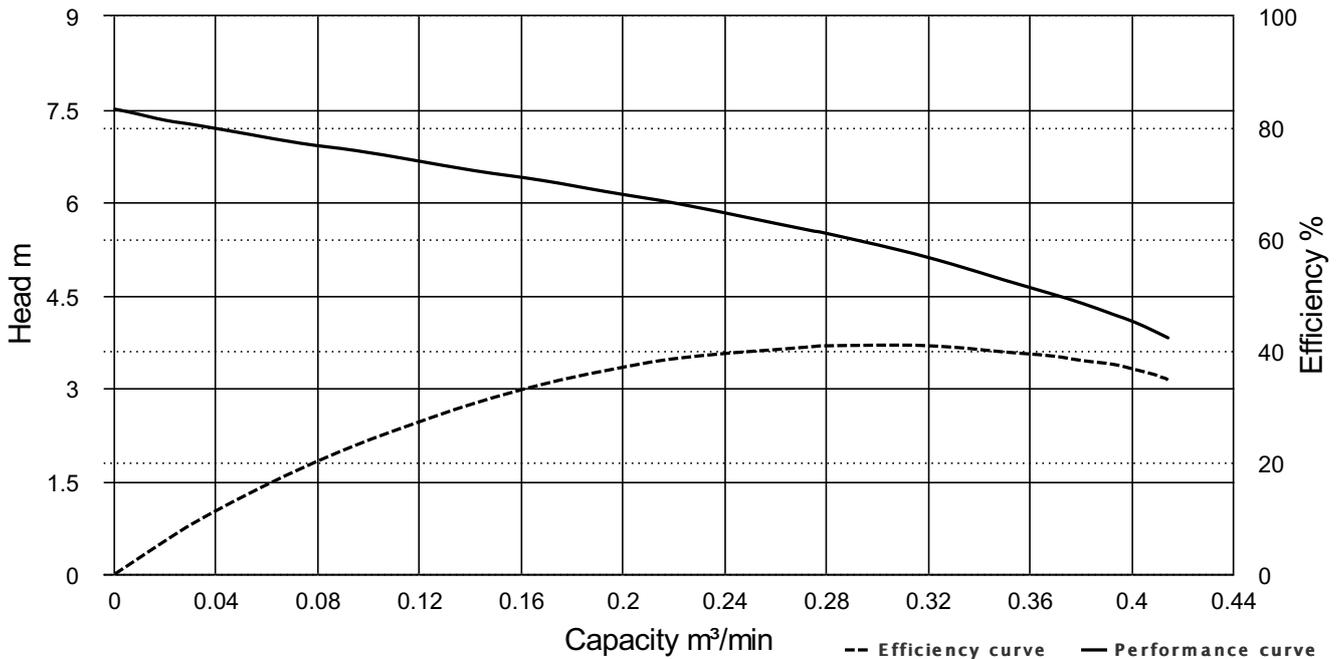
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	50AFU4.8				Ver NO.	BA0407	
Frequency / Phase	50 Hz / 1 Ø				REFERENCE SPECIFICATION		
Discharge	2" / 50 mm						
Power	1 HP / 0.75 kW						
Std. Head	5 m						
Std. Capacity	0.3 m <sup>3</sup> /min						
Volt	110 V	220 V	230 V	240 V			
Rated Current	10.8 A	5.4 A	5.2 A	5.1 A			
Pole / rpm	4 P / 1380 rpm						
Start Method	CAPACITOR						
Insulation Class	B						



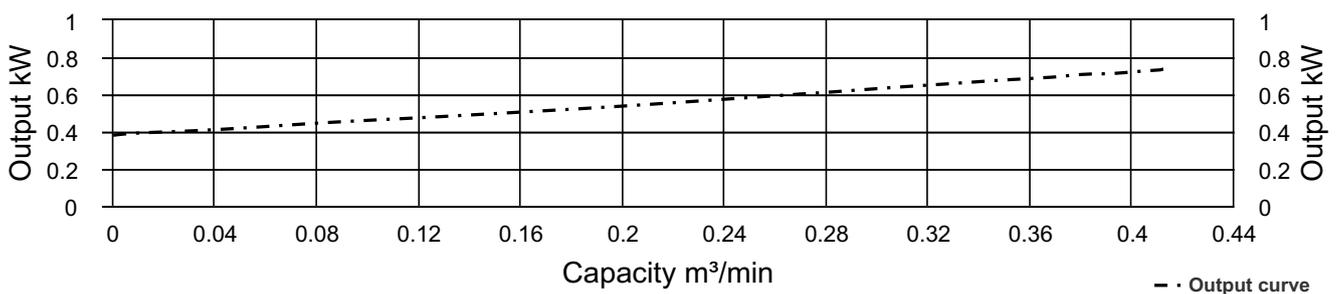
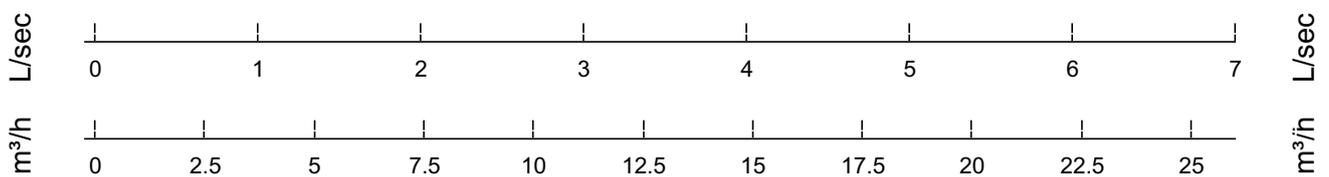
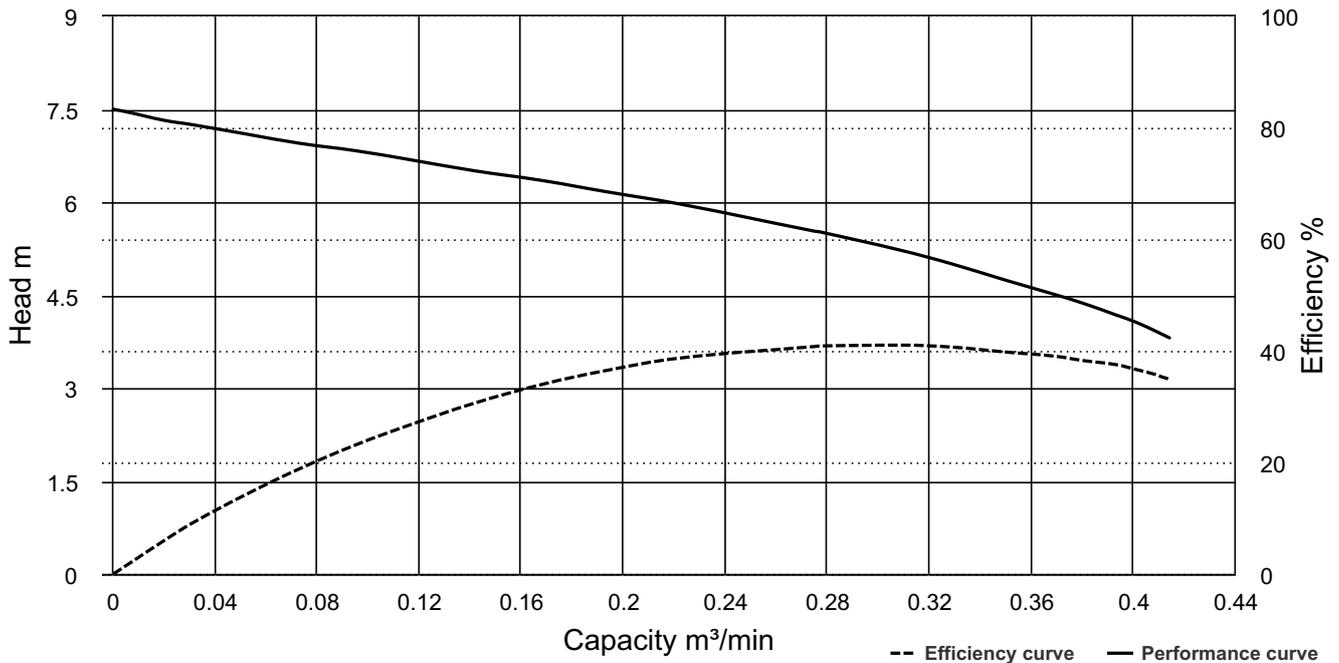
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	50AFU4.8					<b>Ver NO.</b>	BA0429
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	2" / 50 mm						
<b>Power</b>	1 HP / 0.75 kW						
<b>Std. Head</b>	5 m						
<b>Std. Capacity</b>	0.3 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	3.6 A	2.1 A	2 A	2 A	1.6 A		
<b>Pole / rpm</b>	4 P / 1380 rpm						
<b>Start Method</b>	DOL						
<b>Insulation Class</b>	B						



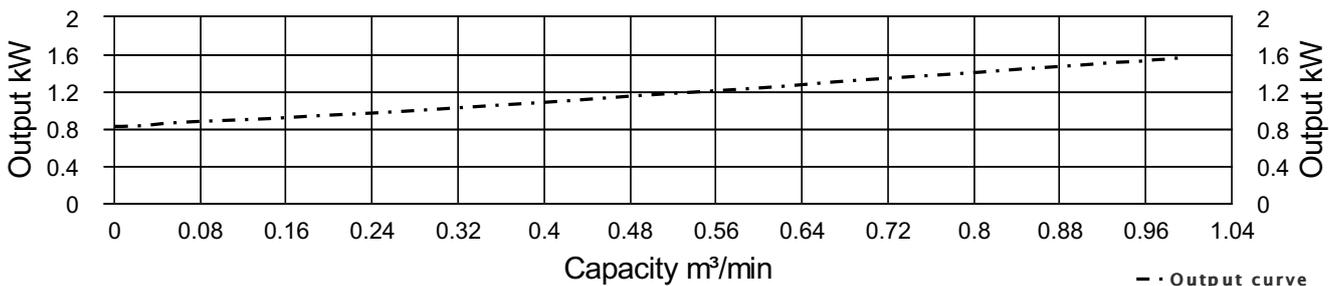
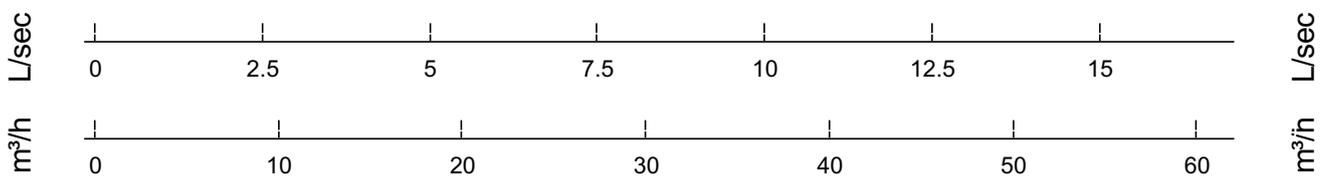
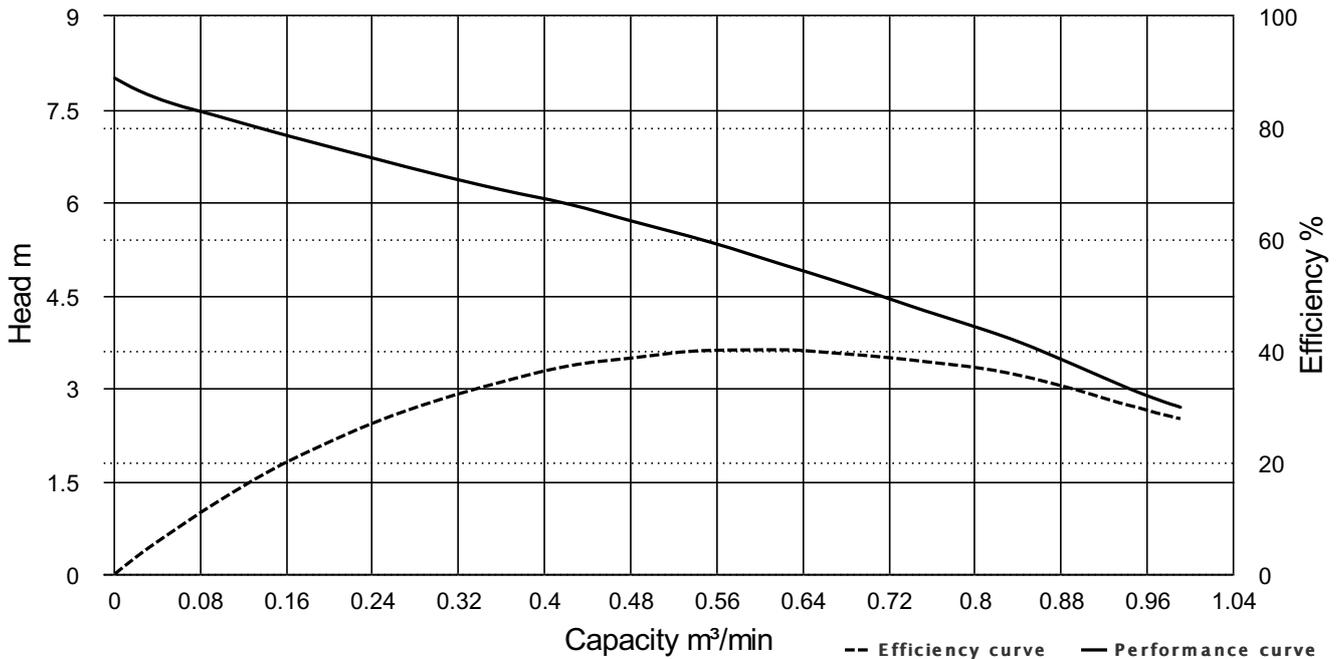
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80AFU41.5				Ver NO.	BA0407	
Frequency / Phase	50 Hz / 1 Ø				REFERENCE SPECIFICATION		
Discharge	3" / 80 mm						
Power	2 HP / 1.5 kW						
Std. Head	5 m						
Std. Capacity	0.6 m <sup>3</sup> /min						
Volt	220 V	230 V	240 V				
Rated Current	10.4 A	10.2 A	10 A				
Pole / rpm	4 P / 1390 rpm						
Start Method	CAPACITOR						
Insulation Class	F						



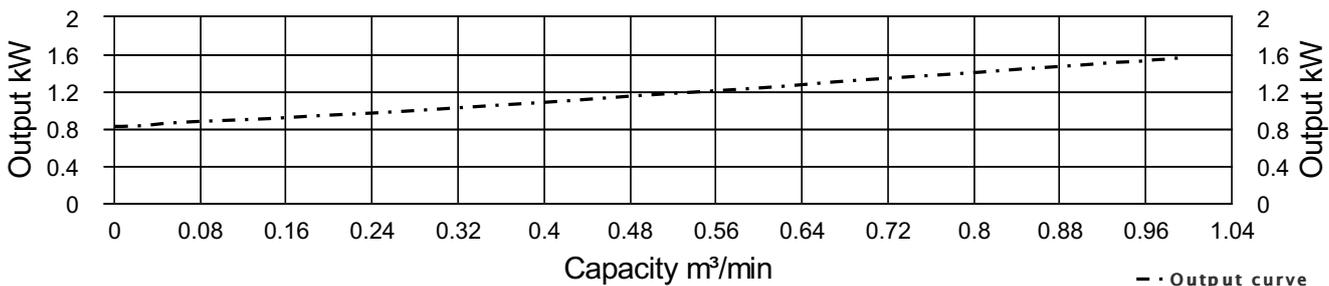
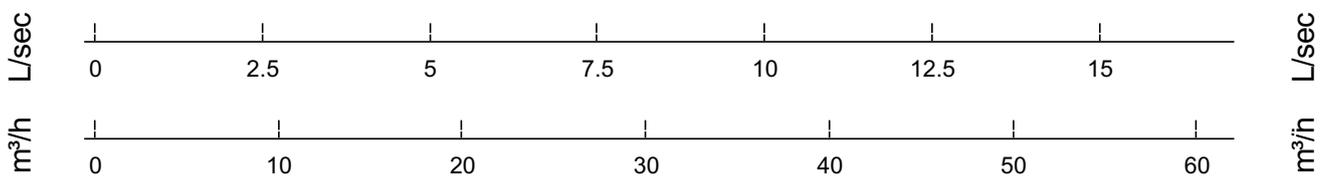
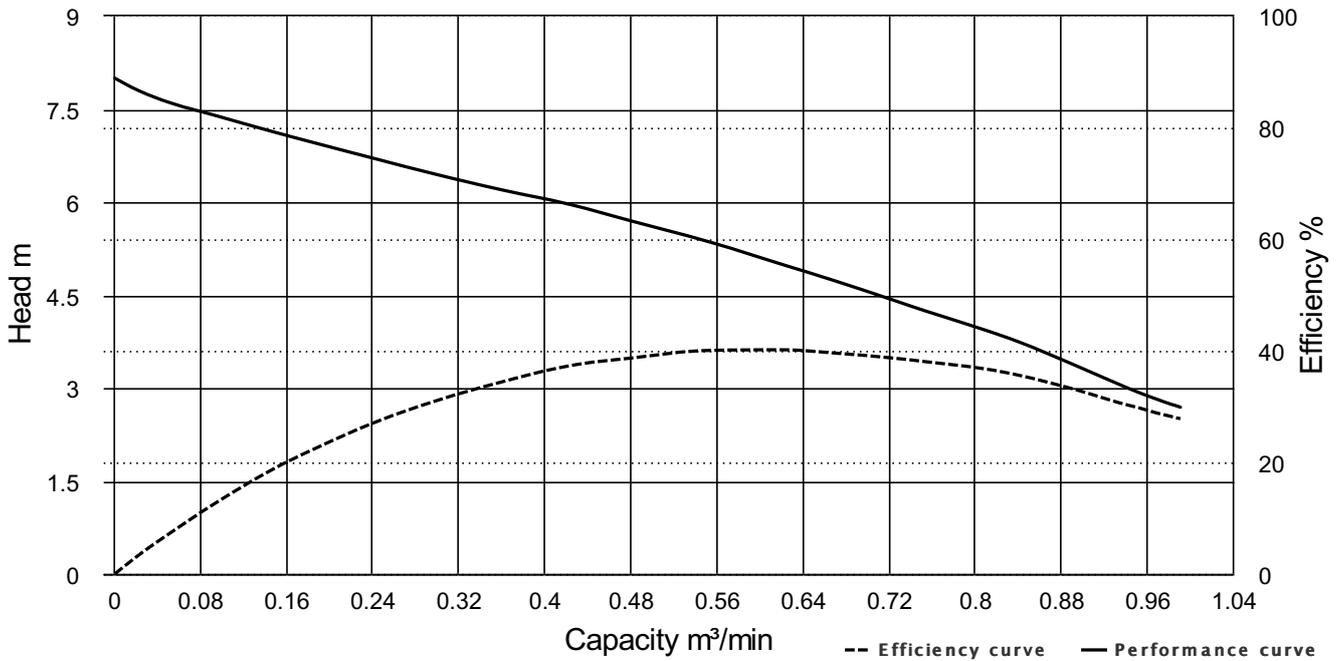
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80AFU41.5					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	2 HP / 1.5 kW						
Std. Head	5 m						
Std. Capacity	0.6 m <sup>3</sup> /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	6.7 A	3.9 A	3.7 A	3.7 A	3 A		
Pole / rpm	4 P / 1390 rpm						
Start Method	DOL						
Insulation Class	F						



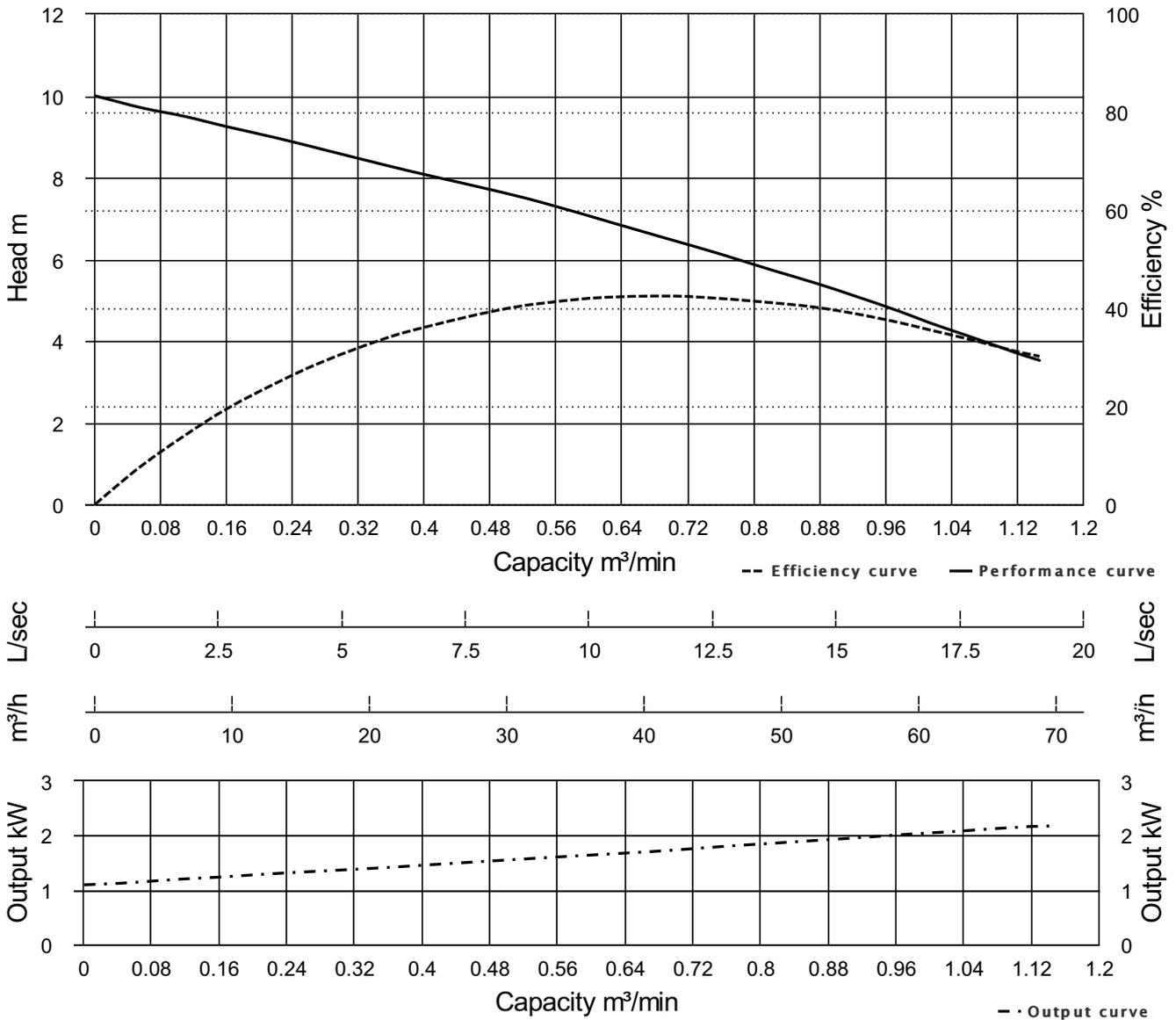
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80AFU42.2					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	3 HP / 2.2 kW						
Std. Head	7 m						
Std. Capacity	0.6 m <sup>3</sup> /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	9.2 A	5.5 A	5.2 A	5.1 A	4.1 A		
Pole / rpm	4 P / 1400 rpm						
Start Method	DIRECT						
Insulation Class	F						



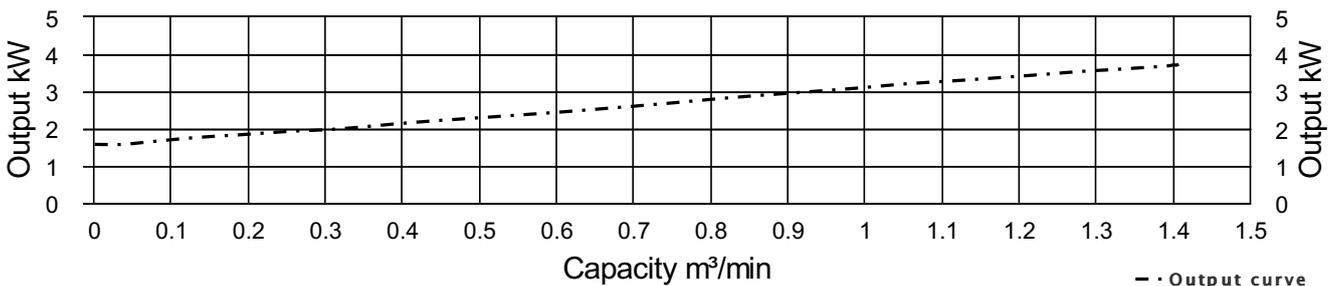
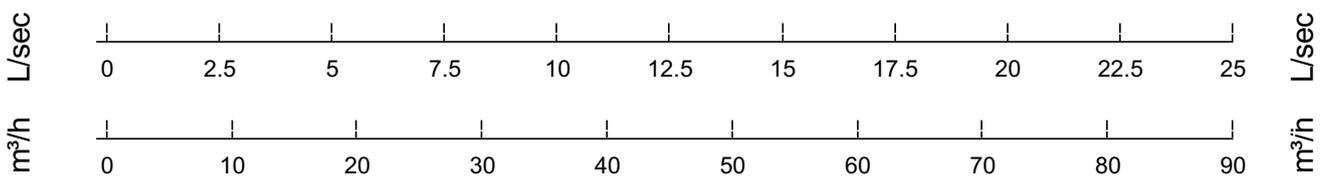
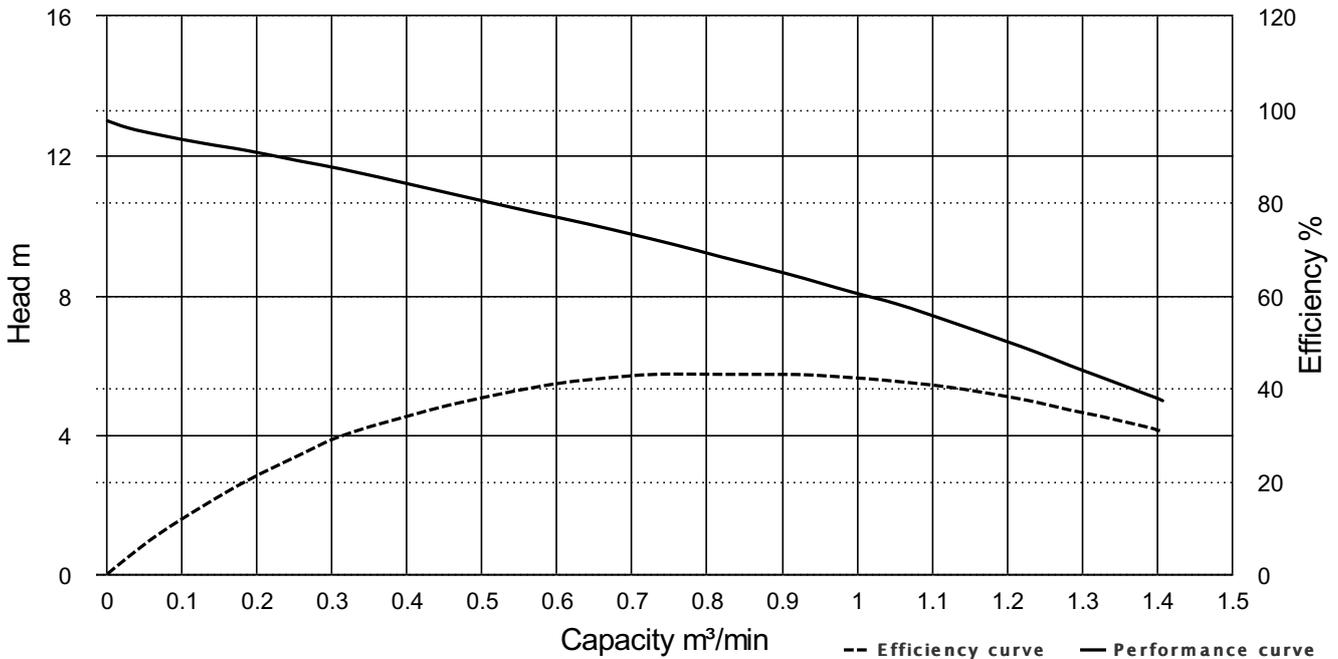
HCP PUMP MANUFACTURER CO., LTD.



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80AFU43.7					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	5 HP / 3.7 kW						
Std. Head	10 m						
Std. Capacity	0.6 m <sup>3</sup> /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	15.2 A	8.8 A	8.4 A	8.4 A	6.7 A		
Pole / rpm	4 P / 1400 rpm						
Start Method	DIRECT						
Insulation Class	F						



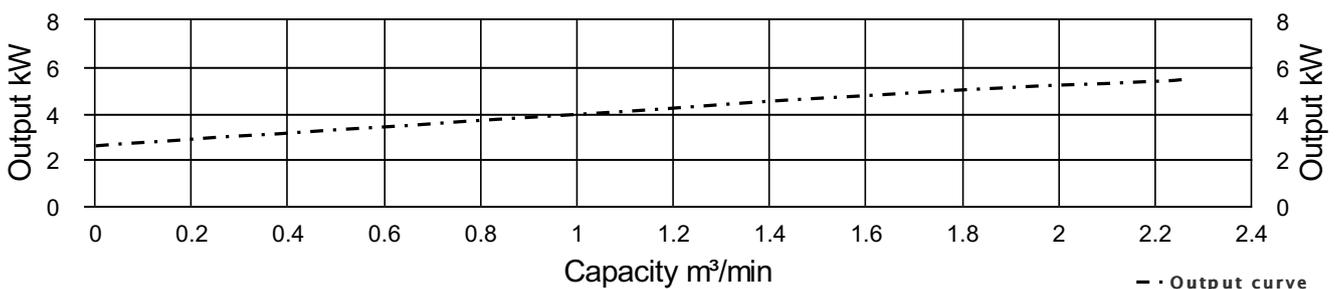
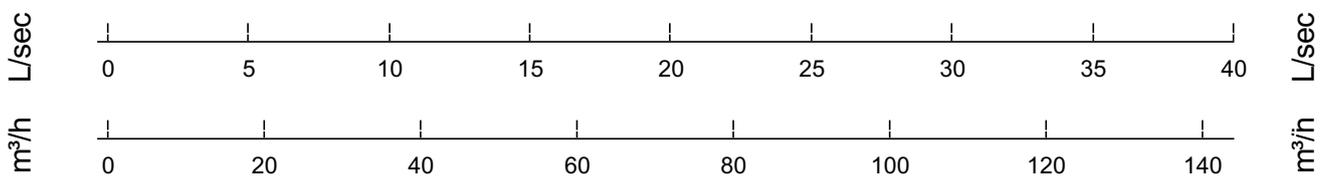
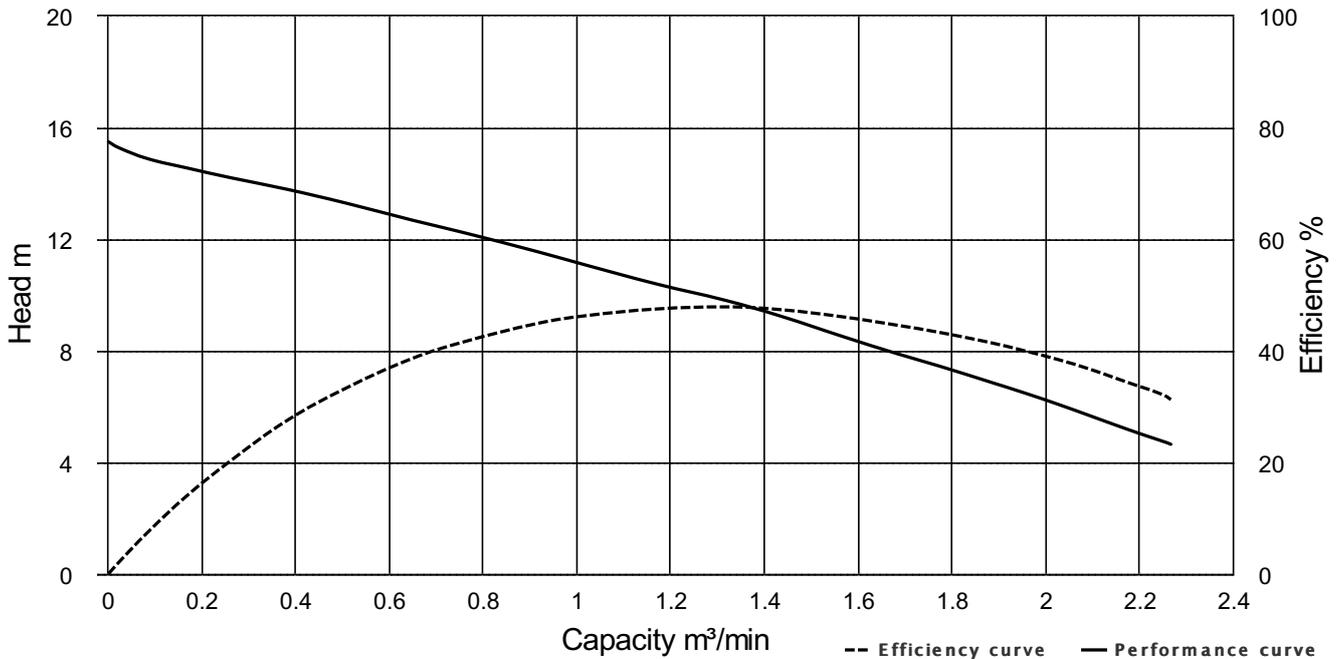
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	100AFU45.5					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	4" / 100 mm						
<b>Power</b>	7.5 HP / 5.5 kW						
<b>Std. Head</b>	11 m						
<b>Std. Capacity</b>	1 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	22.2 A	12.6 A	12.2 A	12.2 A	9.8 A		
<b>Pole / rpm</b>	4 P / 1440 rpm						
<b>Start Method</b>	DOL						
<b>Insulation Class</b>	H						



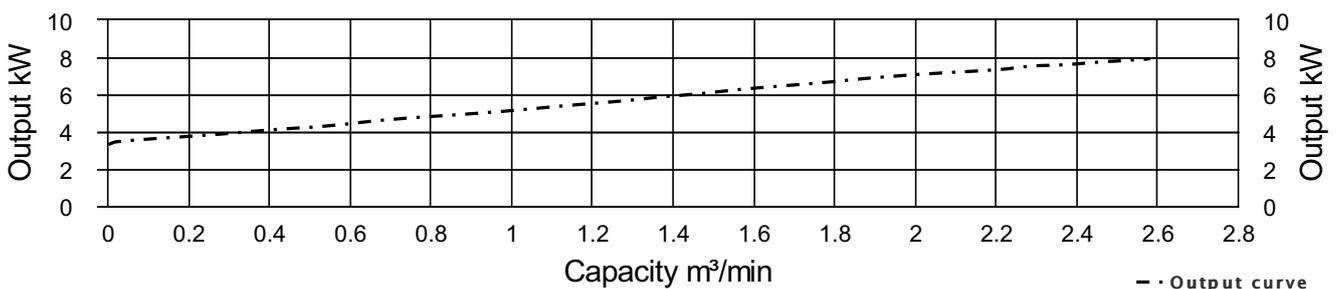
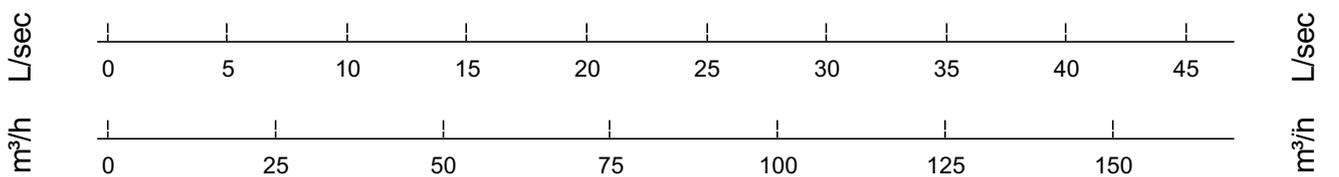
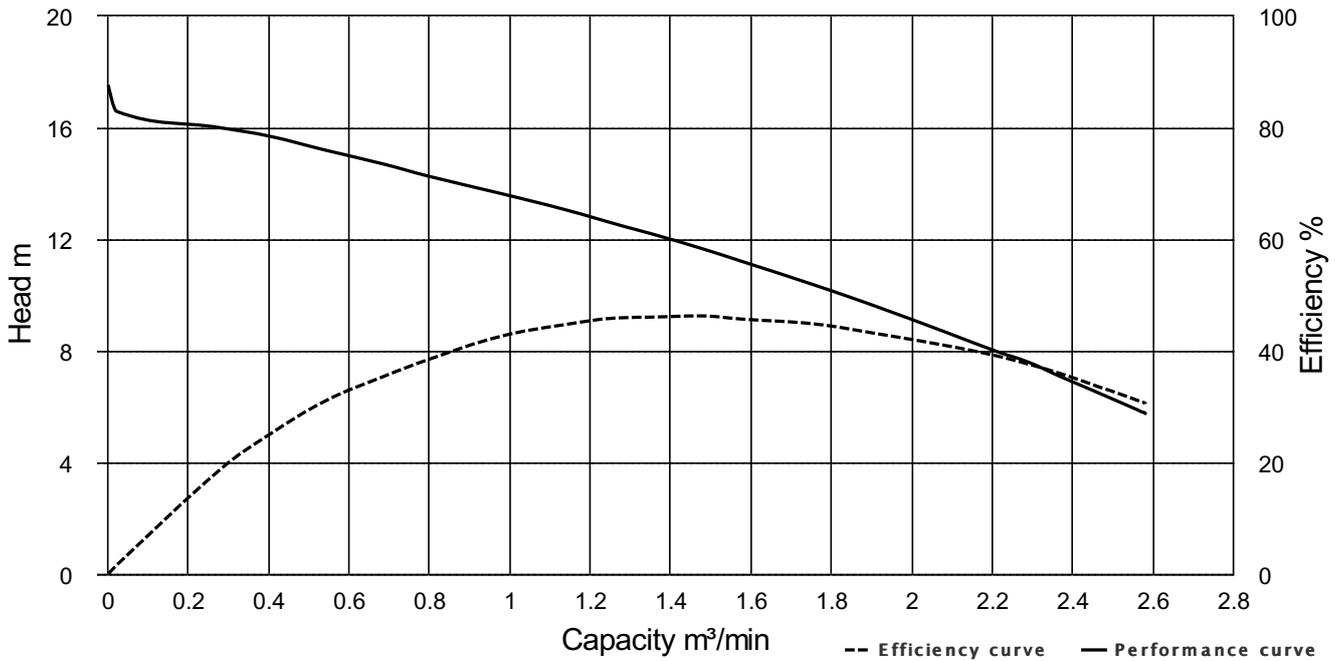
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	100AFU47.5					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	4" / 100 mm						
<b>Power</b>	10 HP / 7.5 kW						
<b>Std. Head</b>	13.5 m						
<b>Std. Capacity</b>	1 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	29.2 A	16.3 A	16.1 A	16.1 A	12.9 A		
<b>Pole / rpm</b>	4 P / 1450 rpm						
<b>Start Method</b>	DOL						
<b>Insulation Class</b>	H						



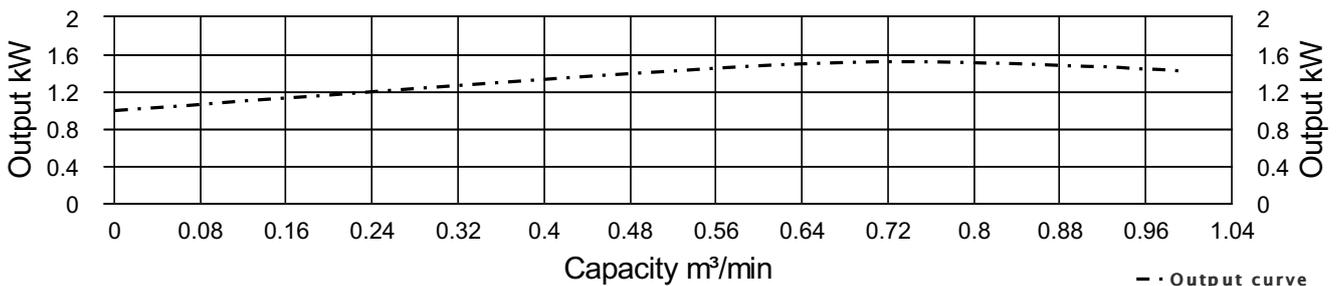
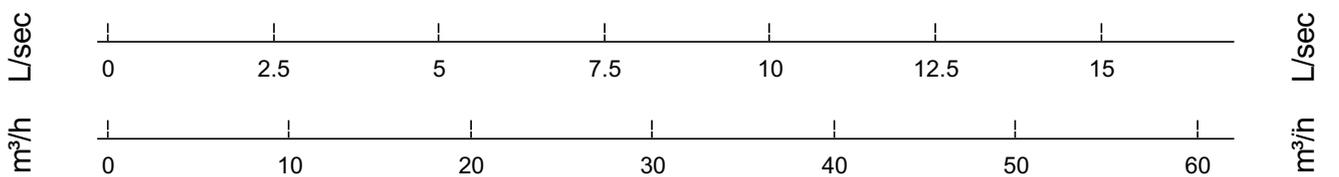
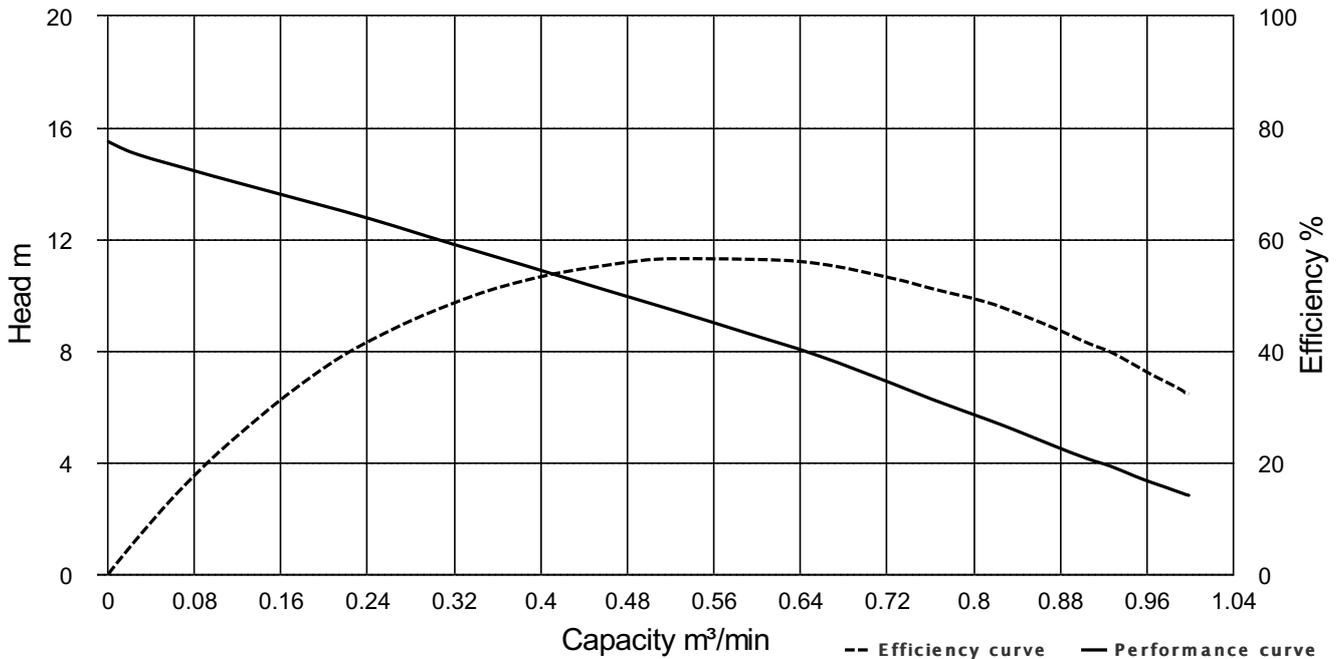
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80AFP21.5				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 <sup>3</sup> /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						



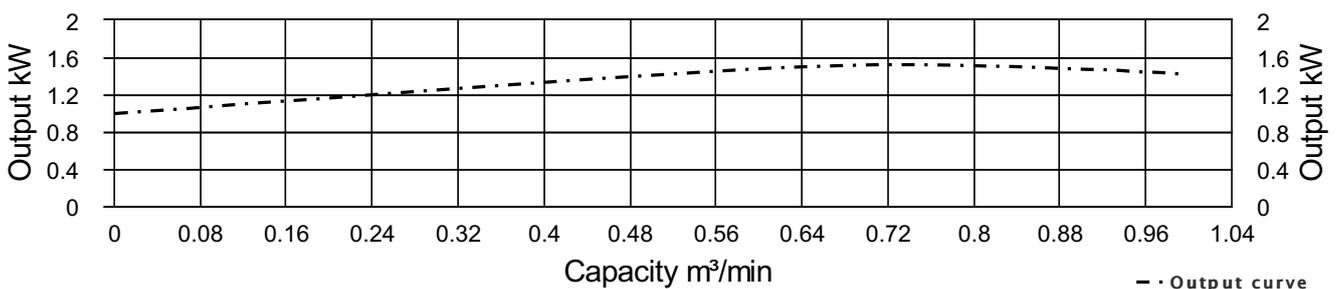
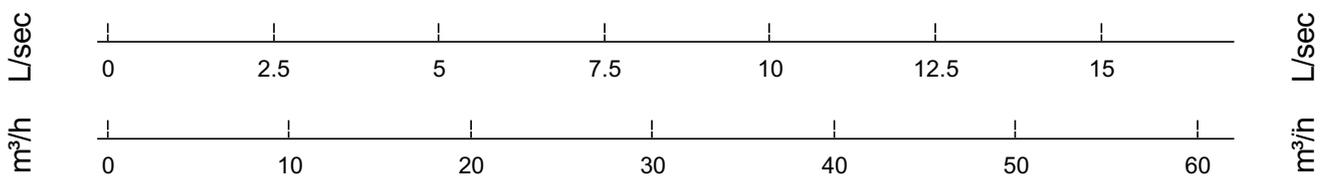
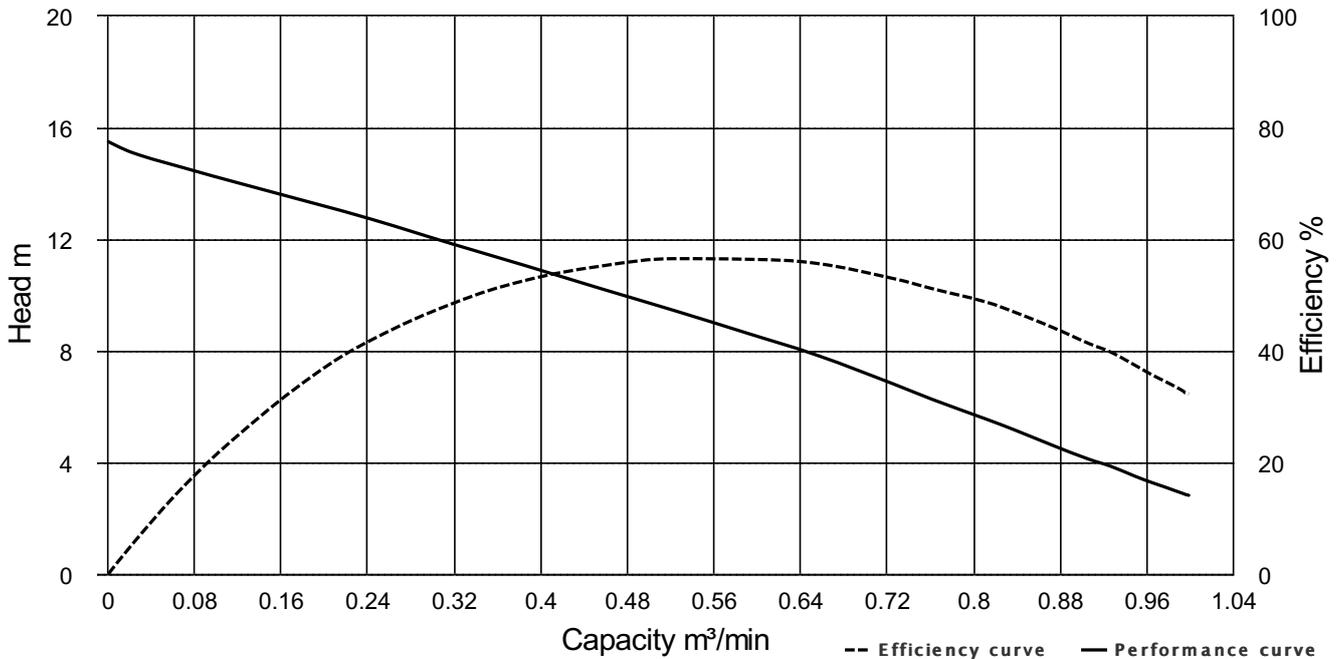
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80AFP21.5					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 <sup>3</sup> /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						



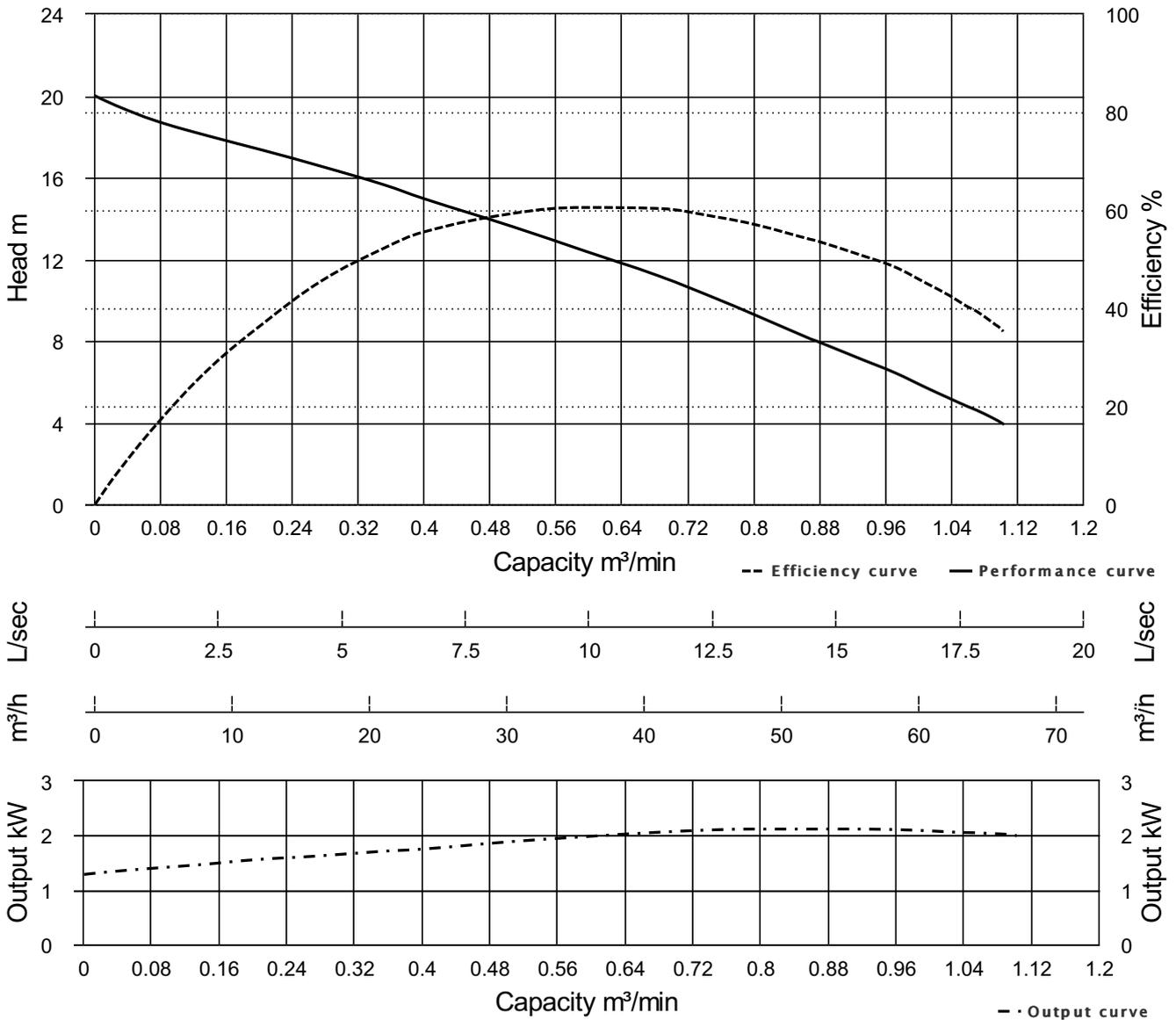
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80AFP22.2				Ver NO.	BA0407	
Frequency / Phase	50 Hz / 1 Ø				REFERENCE SPECIFICATION		
Discharge	3" / 80 mm						
Power	3 HP / 2.2 kW						
Std. Head	12 m						
Std. Capacity	0.6 m <sup>3</sup> /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						



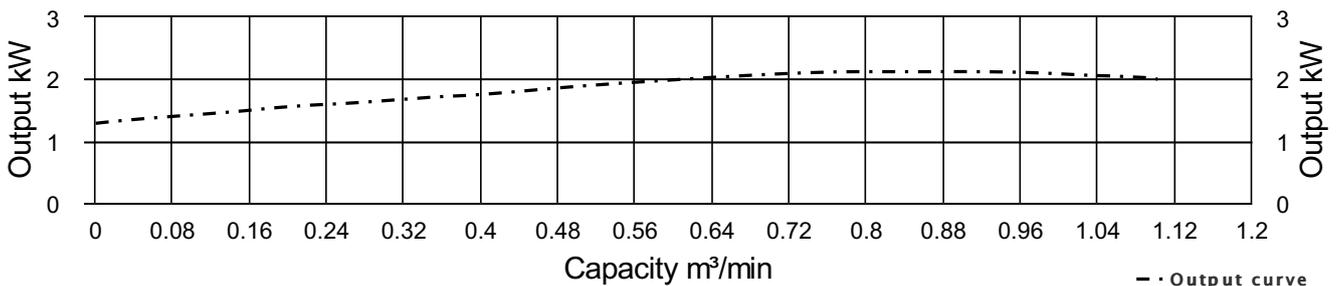
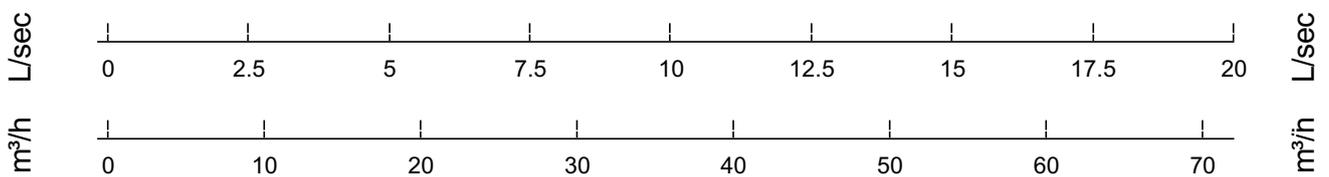
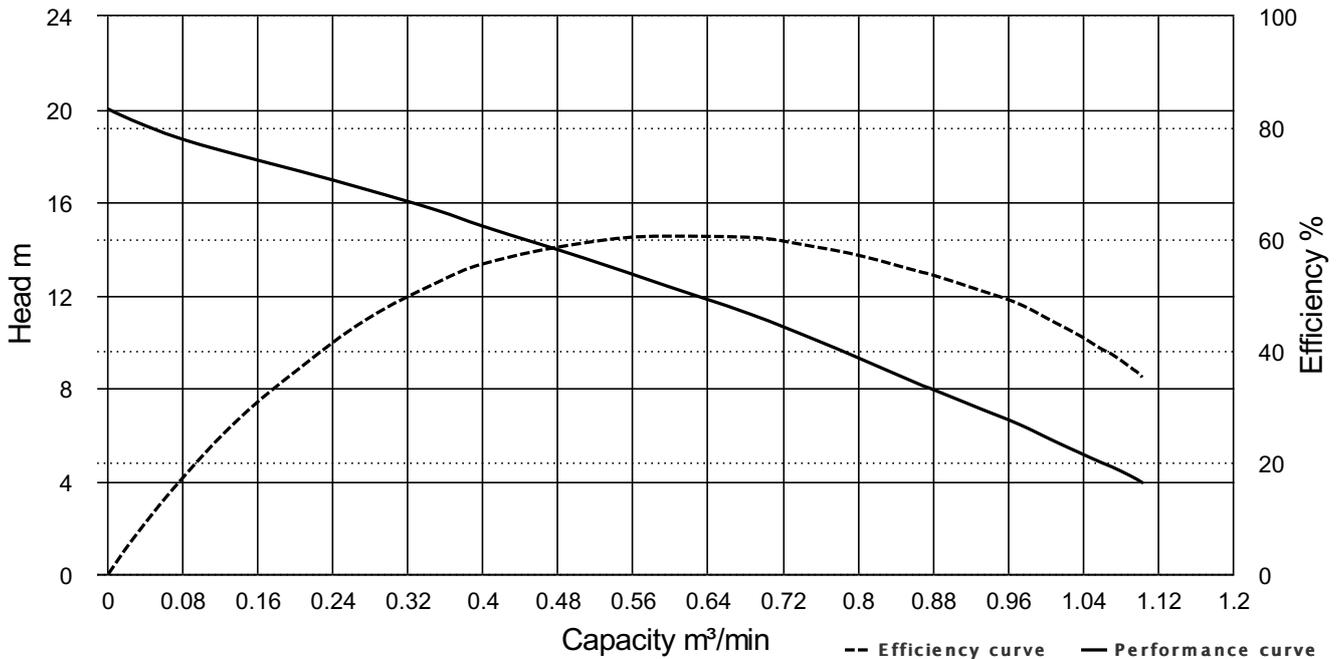
HCP PUMP MANUFACTURER CO., LTD.



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80AFP22.2					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	3 HP / 2.2 kW						
Std. Head	12 m						
Std. Capacity	0.6 m <sup>3</sup> /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						



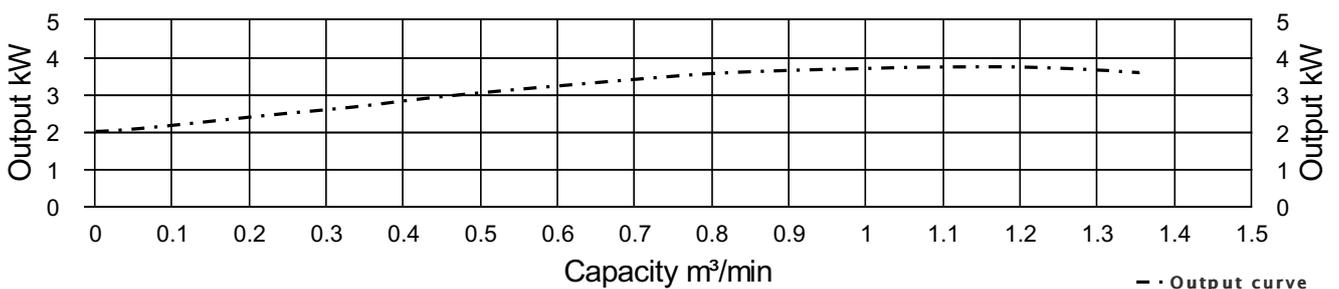
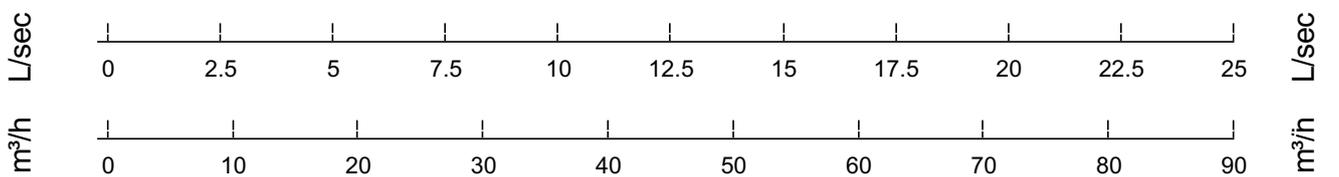
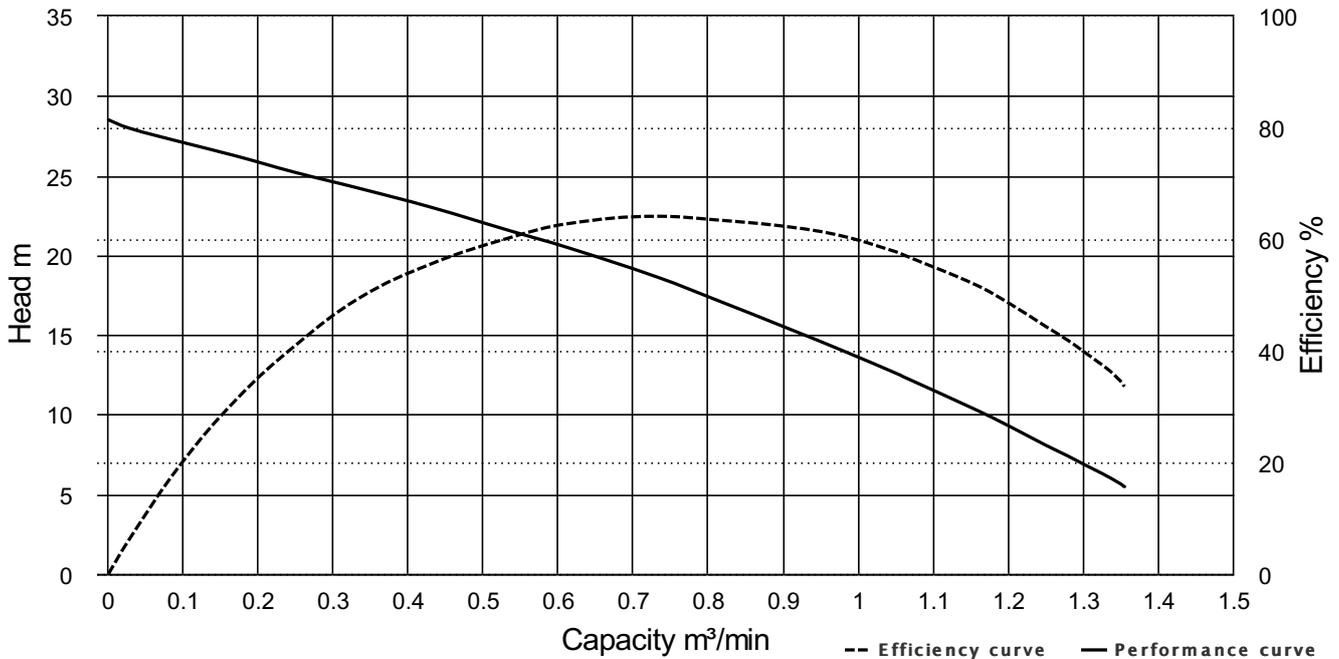
HCP PUMP MANUFACTURER CO., LTD.



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80AFP23.7A					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 <sup>3</sup> /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						



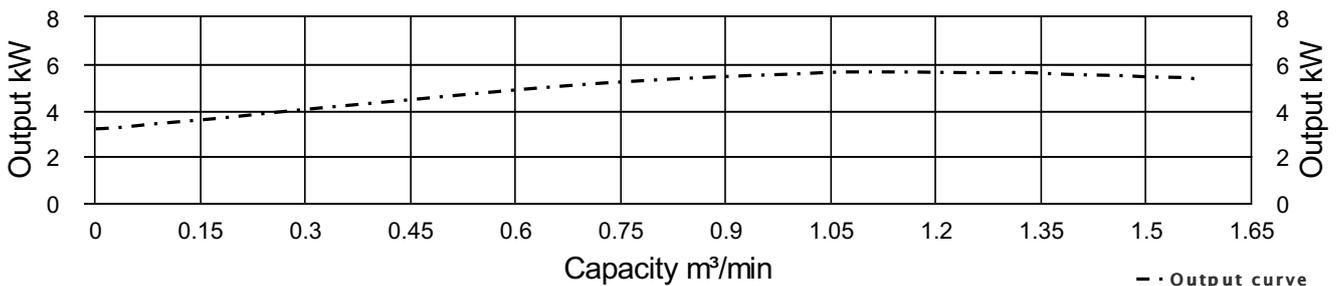
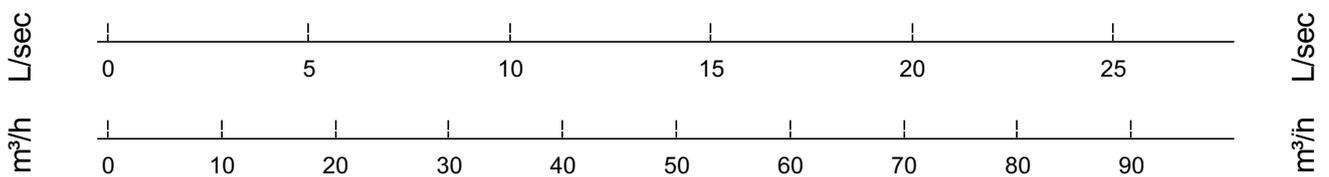
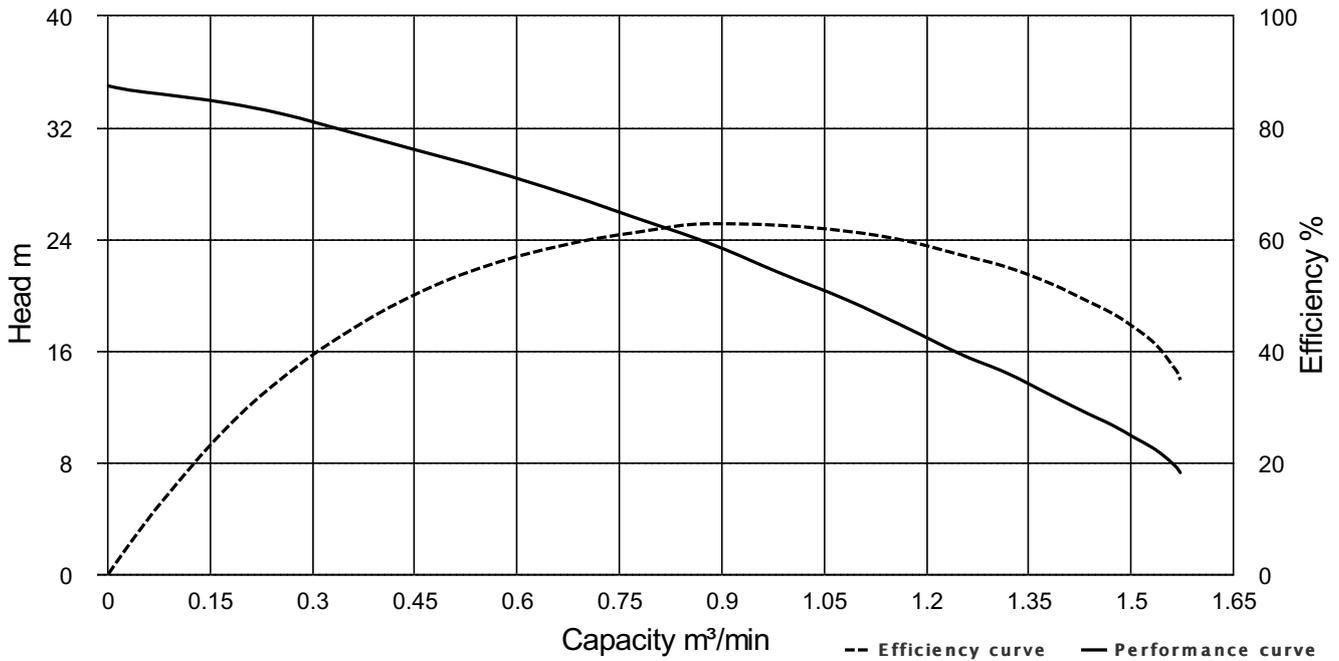
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80(100)AFP25.5					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 <sup>3</sup> /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						



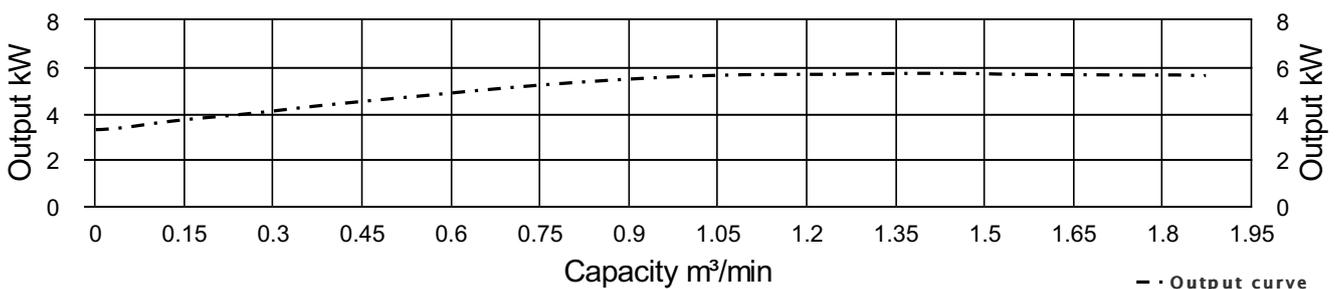
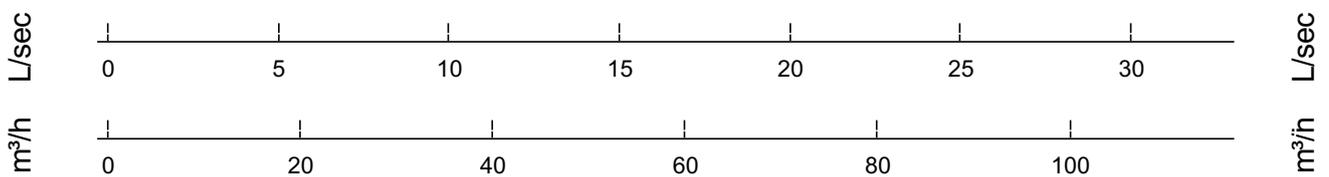
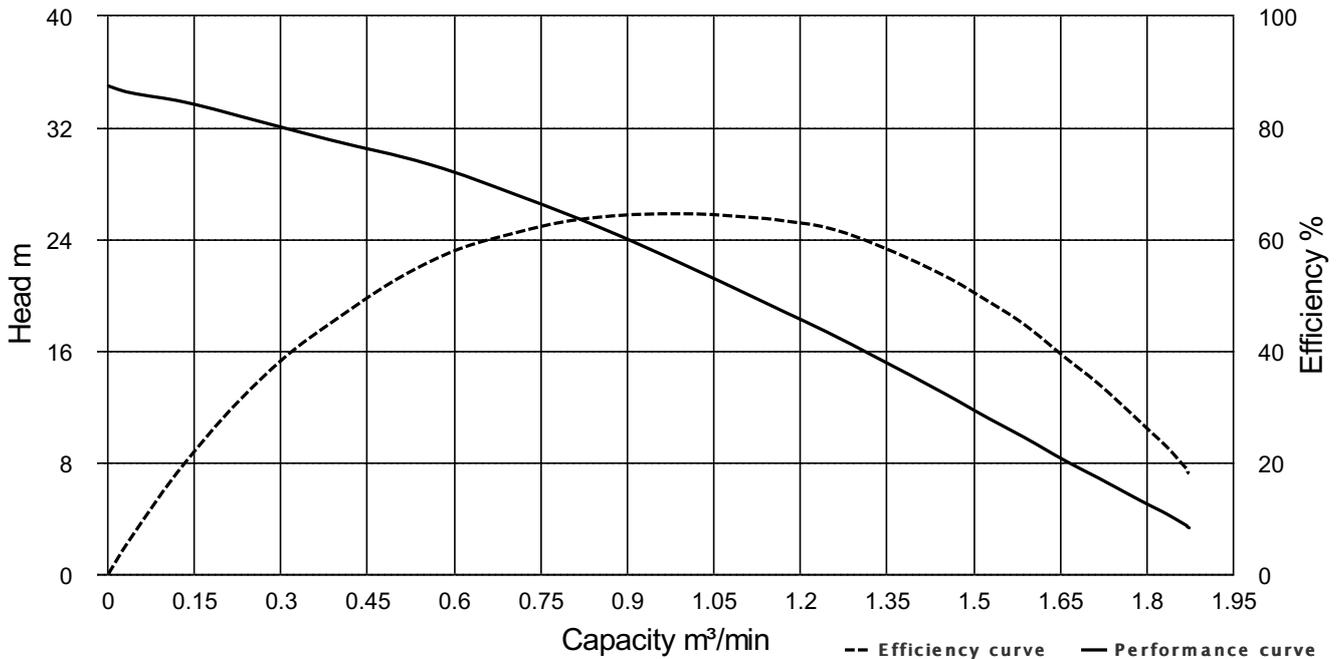
HCP PUMP MANUFACTURER CO., LTD.



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	80(100)AFP25.5					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	4" / 100 mm						
<b>Power</b>	7.5 HP / 5.5 kW						
<b>Std. Head</b>	21.5 m						
<b>Std. Capacity</b>	1 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	20.6 A	11.7 A	11.4 A	11.4 A	9.1 A		
<b>Pole / rpm</b>	2 P / 2890 rpm						
<b>Start Method</b>	DOL						
<b>Insulation Class</b>	H						



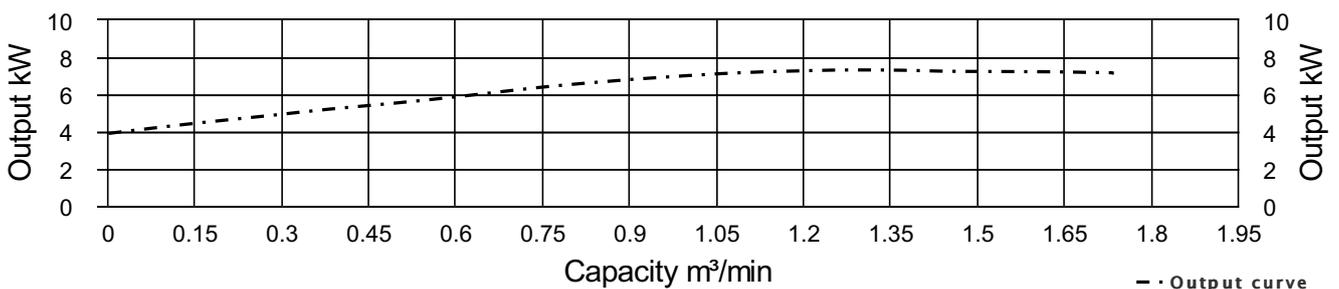
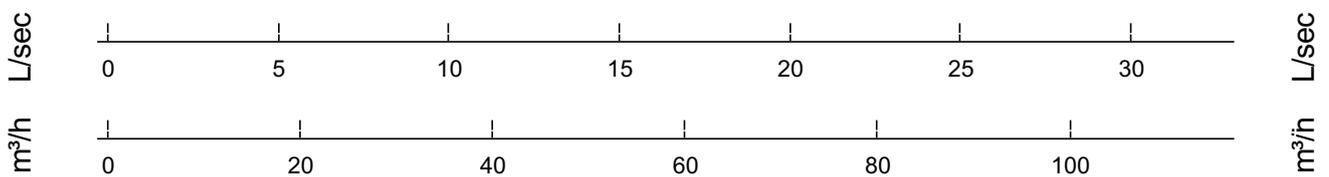
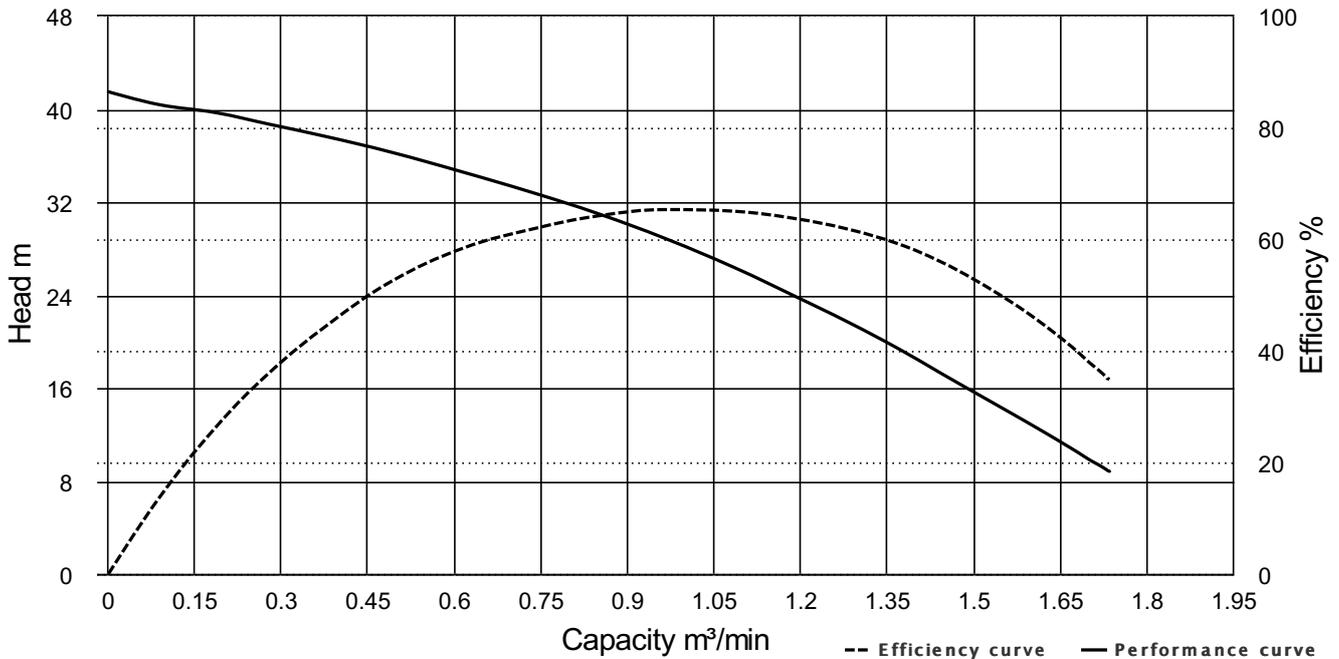
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	80(100)AFP27.5					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	3" / 80 mm						
<b>Power</b>	10 HP / 7.5 kW						
<b>Std. Head</b>	34.5 m						
<b>Std. Capacity</b>	0.6 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	27.6 A	15.7 A	15.2 A	15.2 A	12.2 A		
<b>Pole / rpm</b>	2 P / 2900 rpm						
<b>Start Method</b>	DOL						
<b>Insulation Class</b>	H						



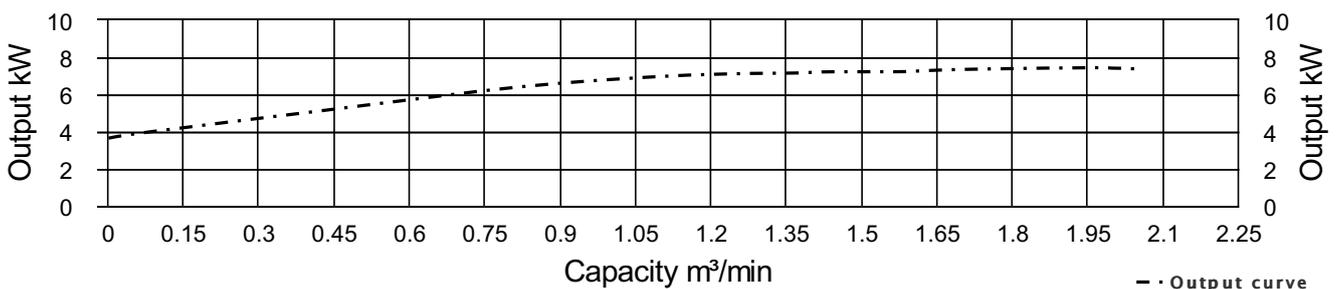
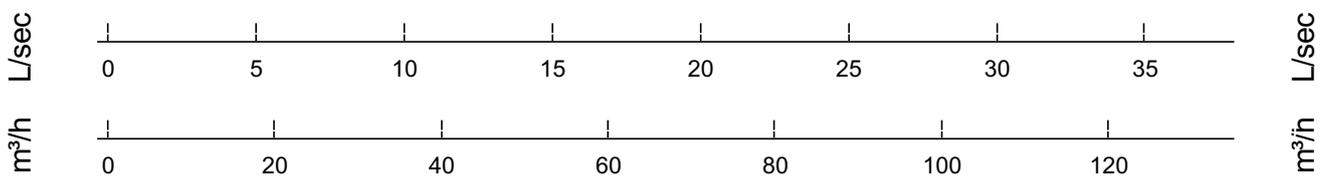
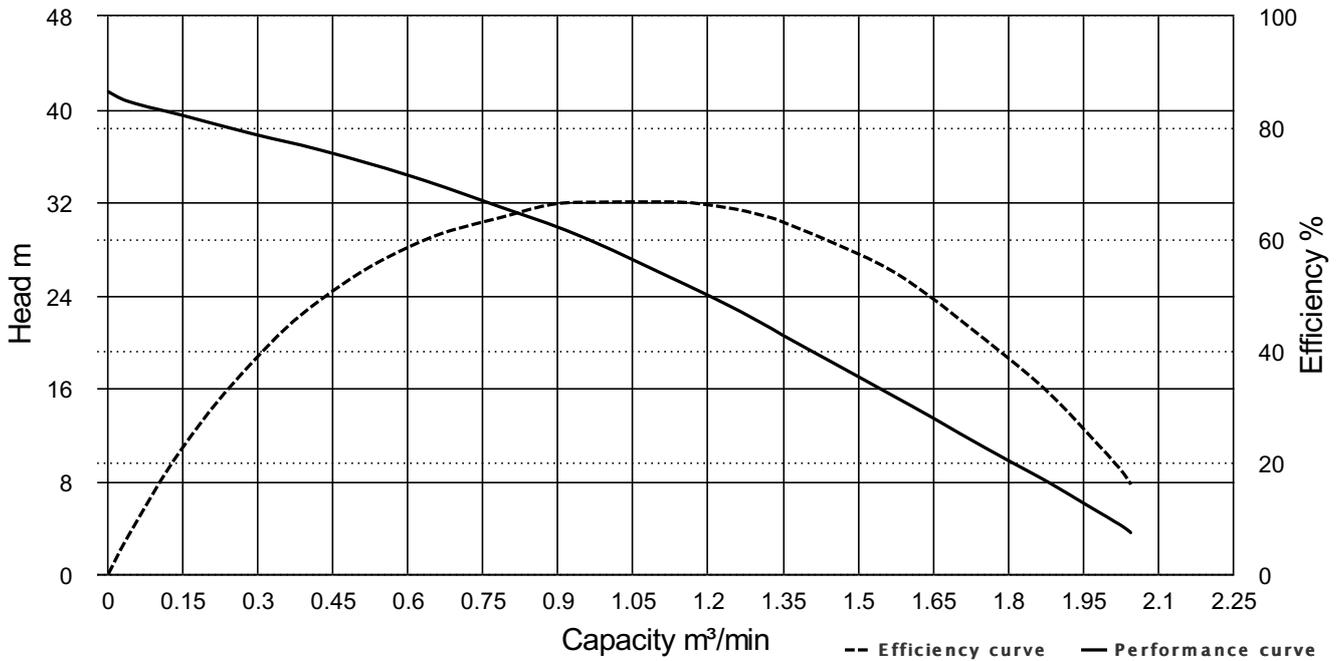
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80(100)AFP27.5					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	4" / 100 mm						
Power	10 HP / 7.5 kW						
Std. Head	28 m						
Std. Capacity	1 m <sup>3</sup> /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						



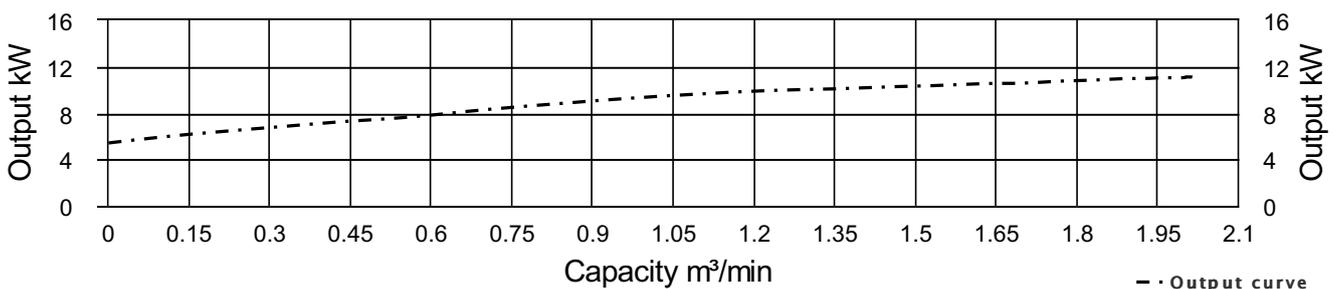
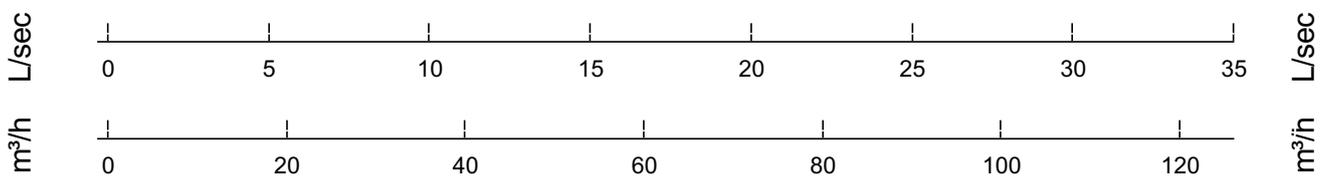
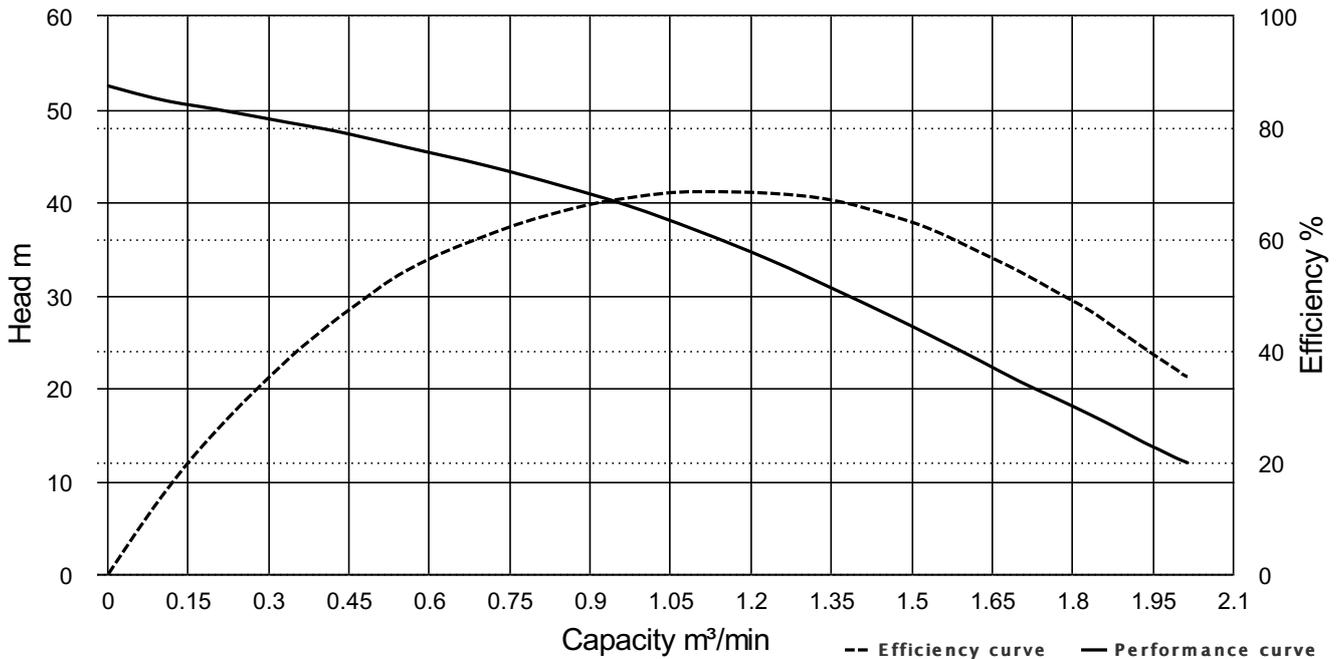
HCP PUMP MANUFACTURER CO., LTD.



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	80(100)AFP211					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	3" / 80 mm						
<b>Power</b>	15 HP / 11 kW						
<b>Std. Head</b>	45 m						
<b>Std. Capacity</b>	0.6 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	39 A	22.2 A	21.6 A	21.6 A	17.3 A		
<b>Pole / rpm</b>	2 P / 2900 rpm						
<b>Start Method</b>	STAR-DELTA / DOL						
<b>Insulation Class</b>	H						



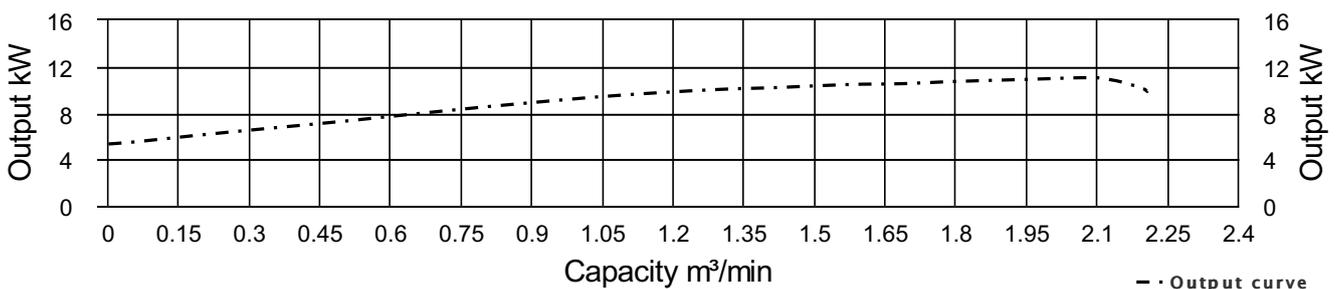
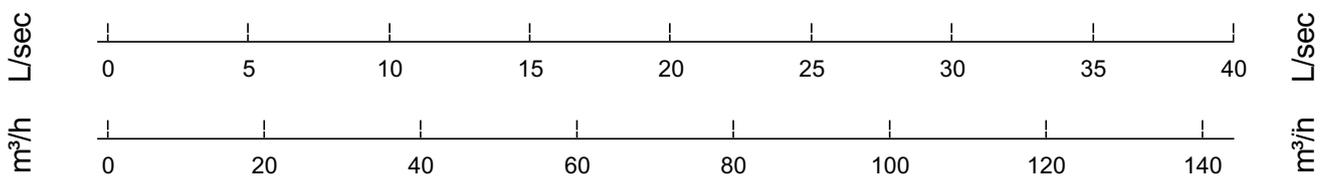
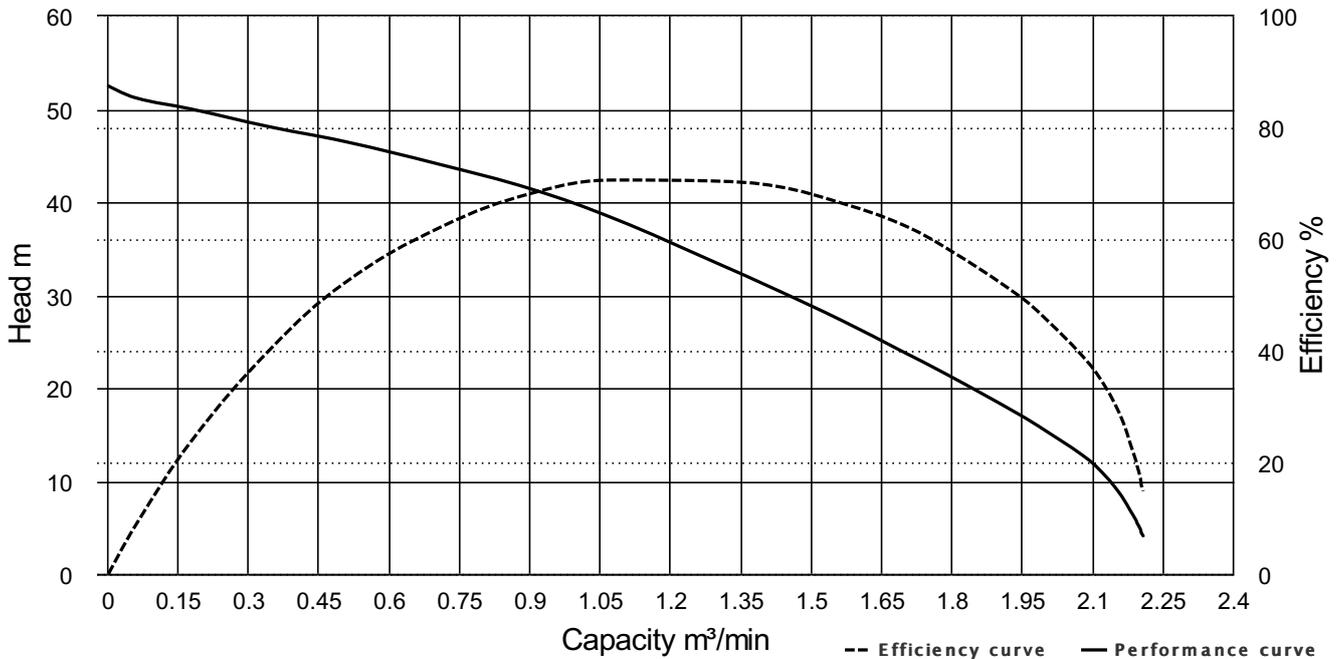
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	80(100)AFP211					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	4" / 100 mm						
<b>Power</b>	15 HP / 11 kW						
<b>Std. Head</b>	39.5 m						
<b>Std. Capacity</b>	1 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	39 A	22.2 A	21.6 A	21.6 A	17.3 A		
<b>Pole / rpm</b>	2 P / 2900 rpm						
<b>Start Method</b>	STAR-DELTA / DOL						
<b>Insulation Class</b>	H						



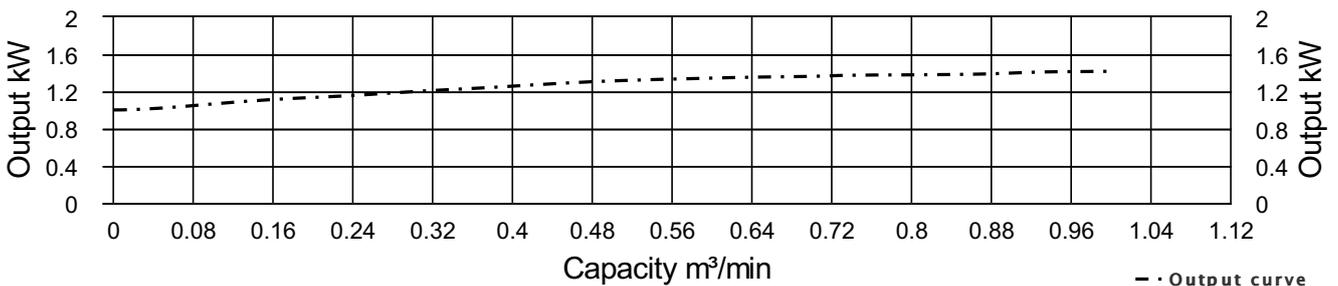
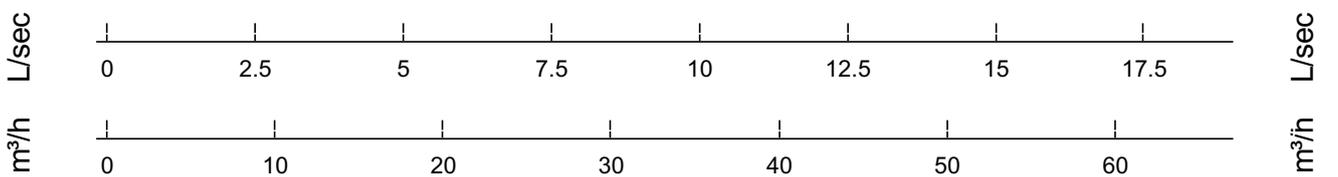
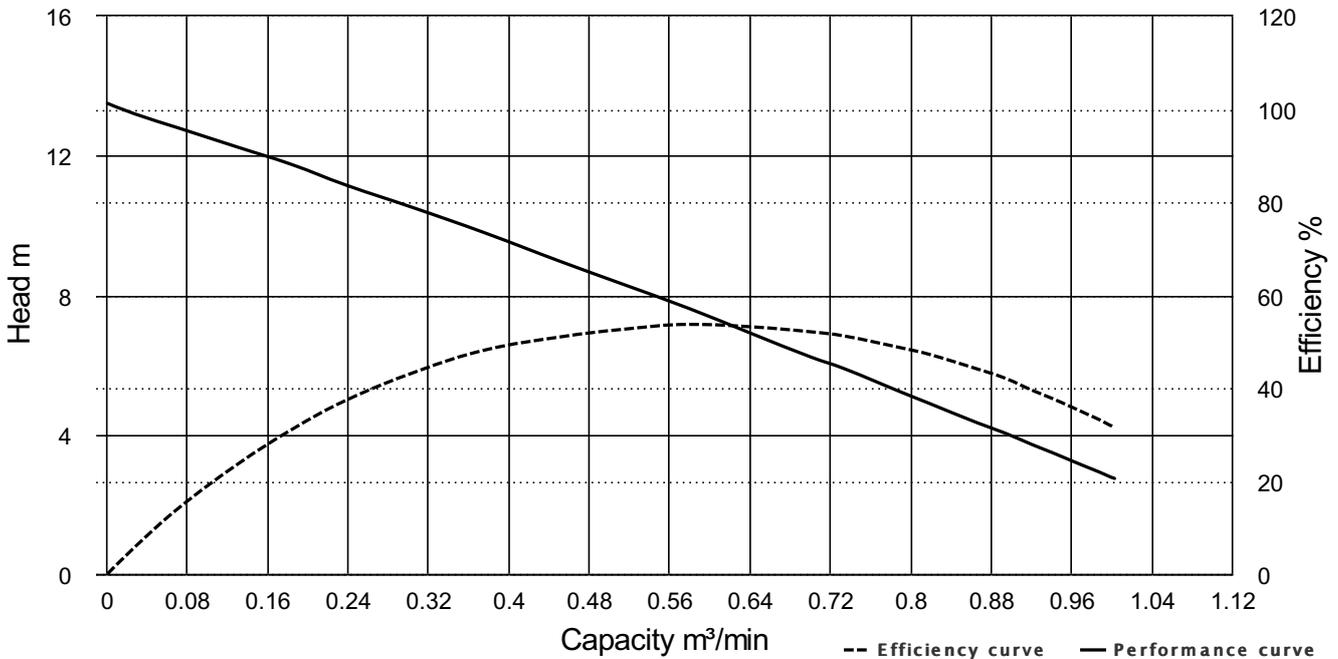
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80AFP41.5				Ver NO.	BA0407	
Frequency / Phase	50 Hz / 1 Ø				REFERENCE SPECIFICATION		
Discharge	3" / 80 mm						
Power	2 HP / 1.5 kW						
Std. Head	8 m						
Std. Capacity	0.5 m <sup>3</sup> /min						
Volt	220 V	230 V	240 V				
Rated Current	10.4 A	10.2 A	10 A				
Pole / rpm	4 P / 1390 rpm						
Start Method	CAPACITOR						
Insulation Class	F						



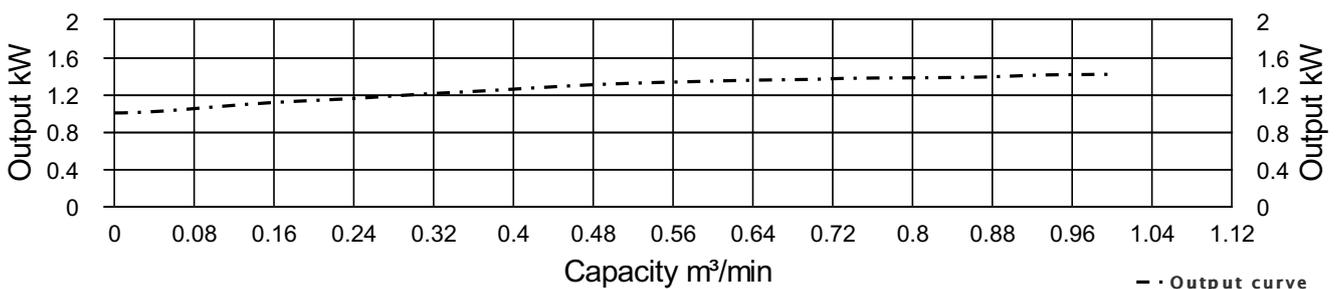
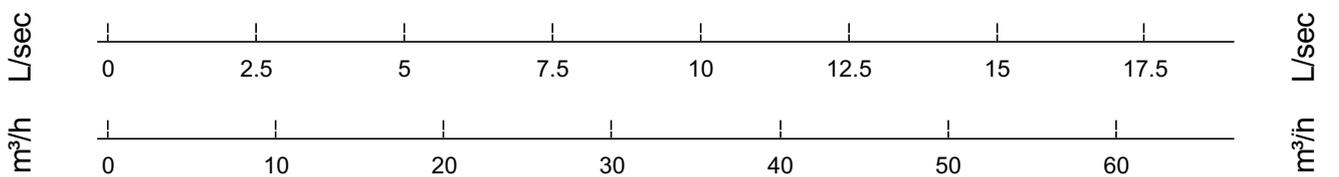
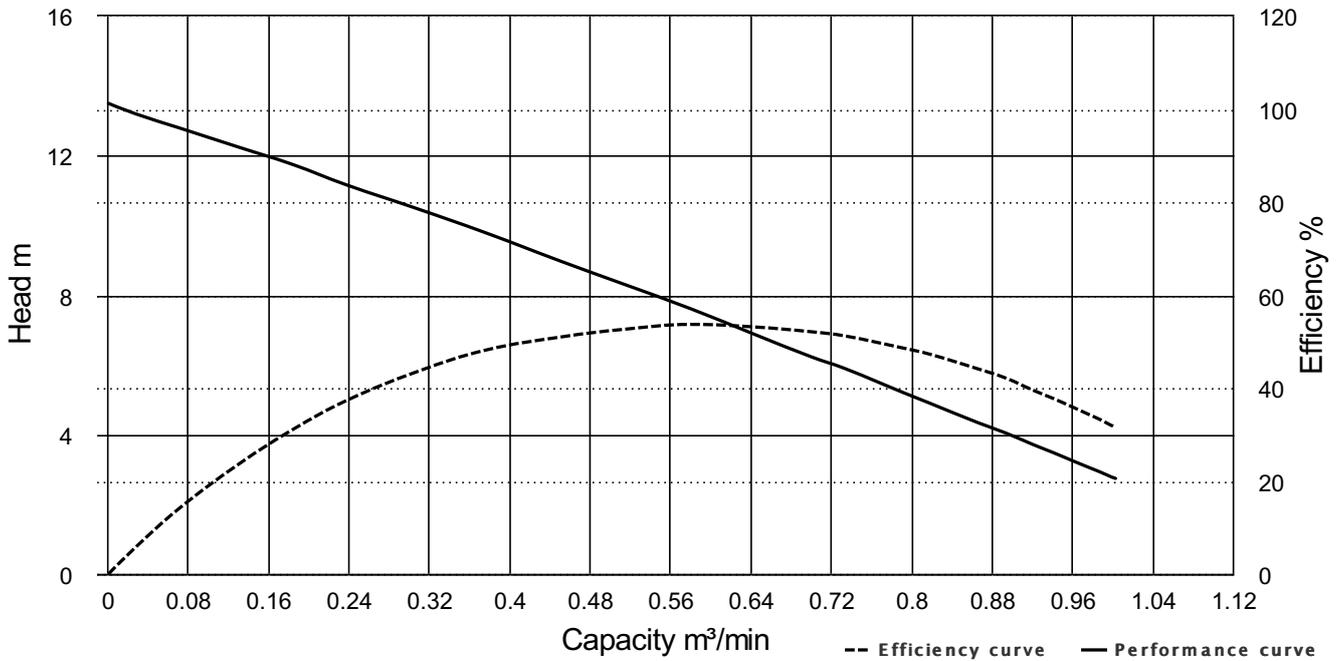
HCP PUMP MANUFACTURER CO., LTD.



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80AFP41.5					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	2 HP / 1.5 kW						
Std. Head	8 m						
Std. Capacity	0.5 m <sup>3</sup> /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	6.7 A	3.9 A	3.7 A	3.7 A	3 A		
Pole / rpm	4 P / 1390 rpm						
Start Method	DOL						
Insulation Class	F						



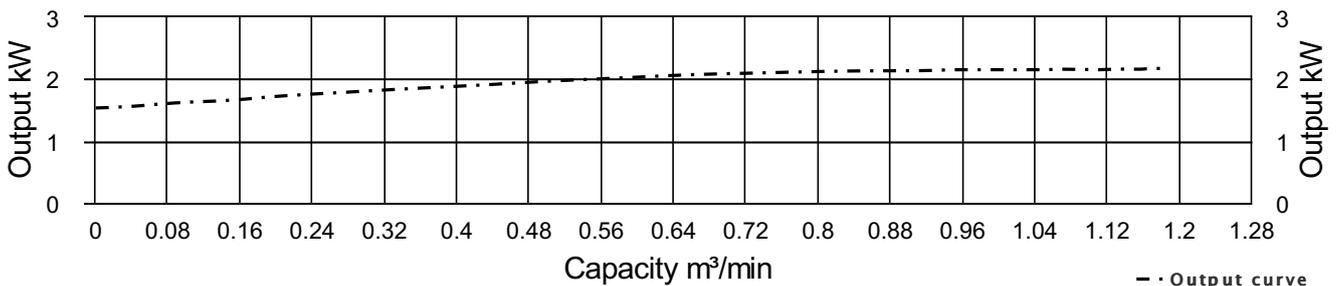
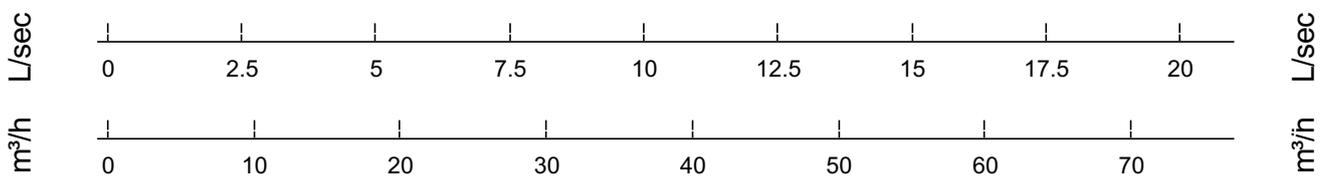
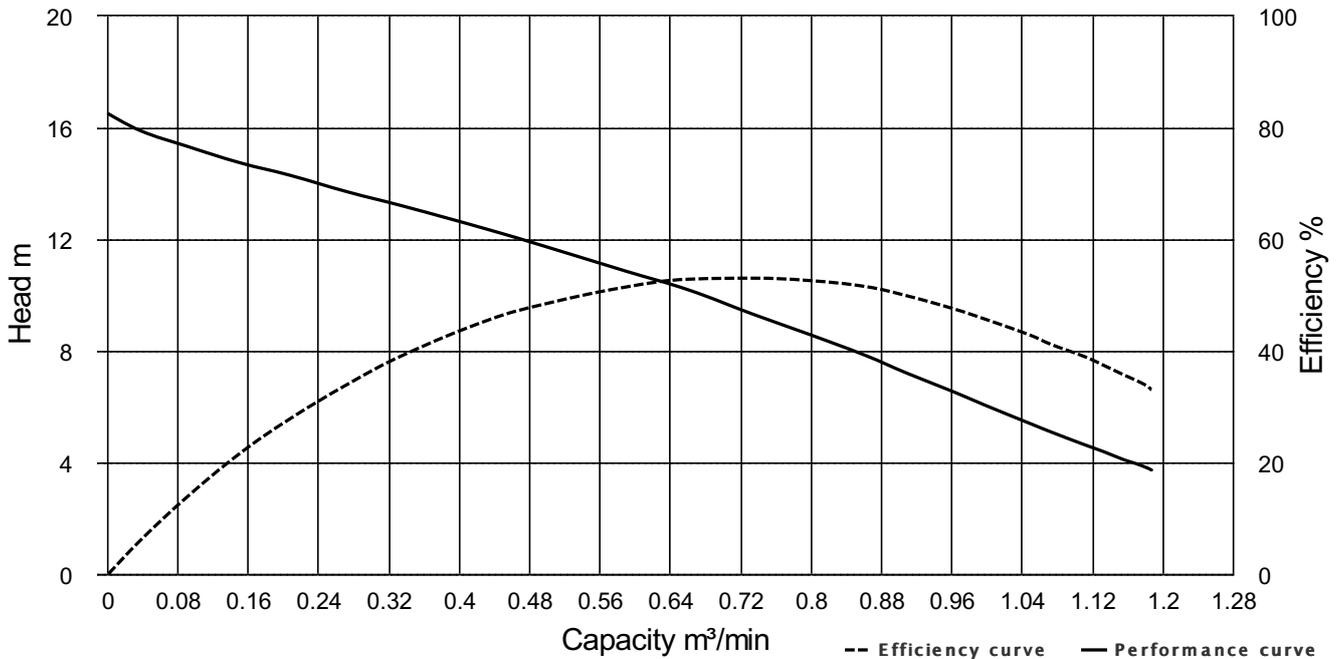
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80AFP42.2					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	3 HP / 2.2 kW						
Std. Head	10 m						
Std. Capacity	0.6 m <sup>3</sup> /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	9.2 A	5.5 A	5.2 A	5.1 A	4.1 A		
Pole / rpm	4 P / 1400 rpm						
Start Method	DIRECT						
Insulation Class	F						



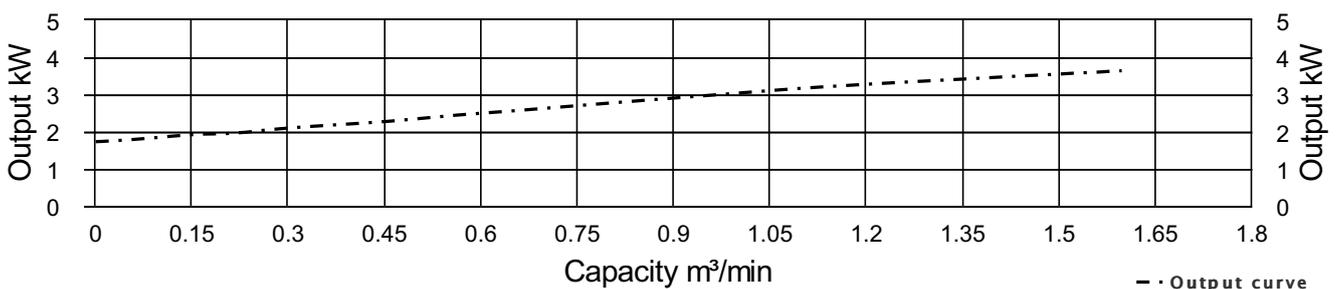
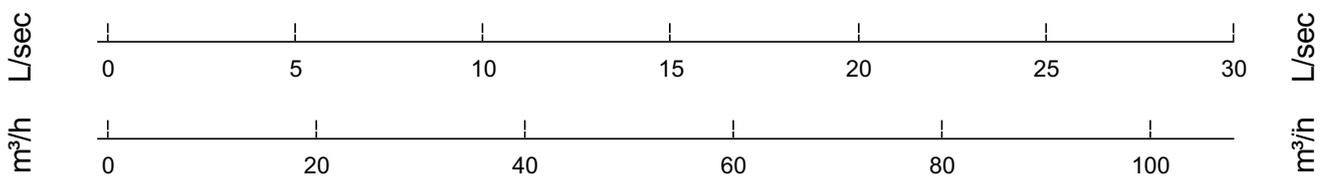
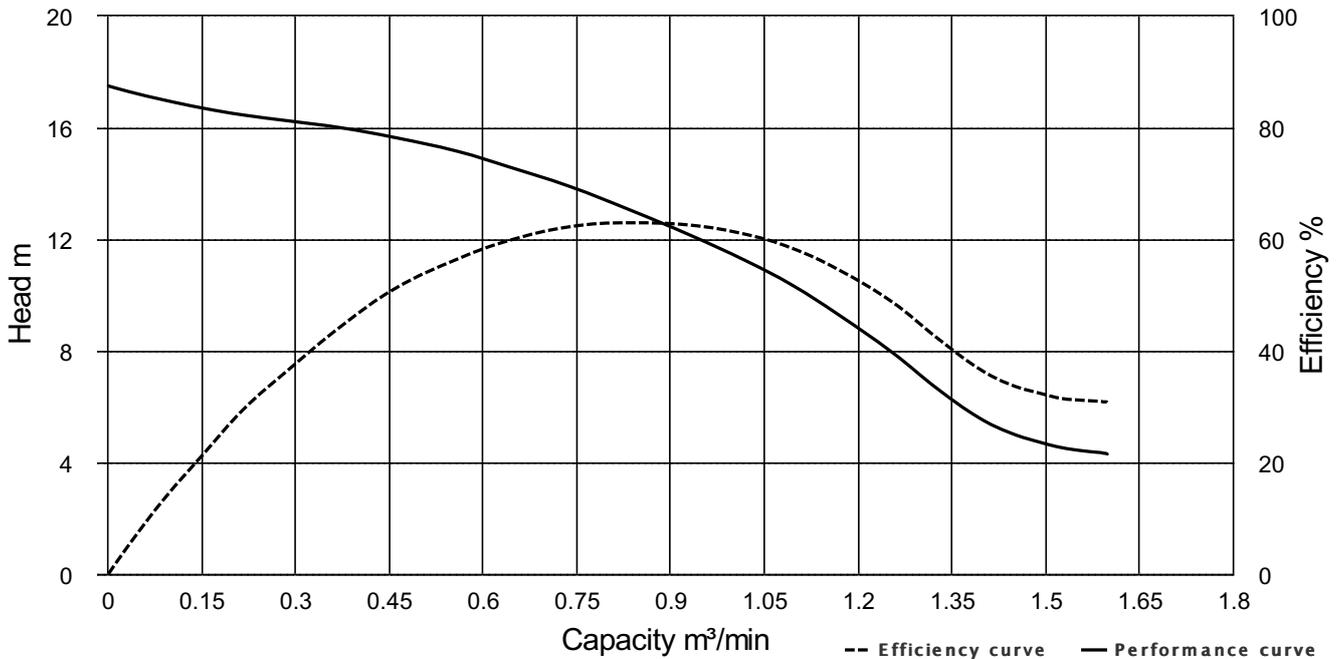
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	80(100)AFP43.7					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	3" / 80 mm						
<b>Power</b>	5 HP / 3.7 kW						
<b>Std. Head</b>	14.5 m						
<b>Std. Capacity</b>	0.6 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	15.2 A	8.8 A	8.4 A	8.4 A	6.7 A		
<b>Pole / rpm</b>	4 P / 1400 rpm						
<b>Start Method</b>	DIRECT						
<b>Insulation Class</b>	F						



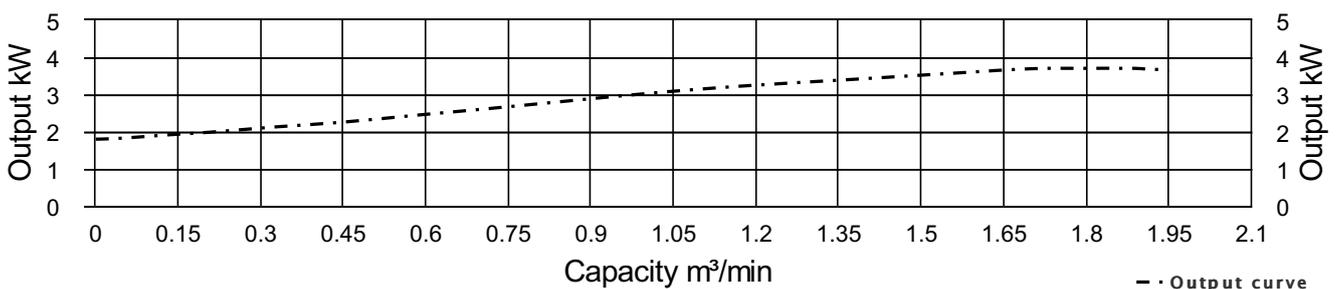
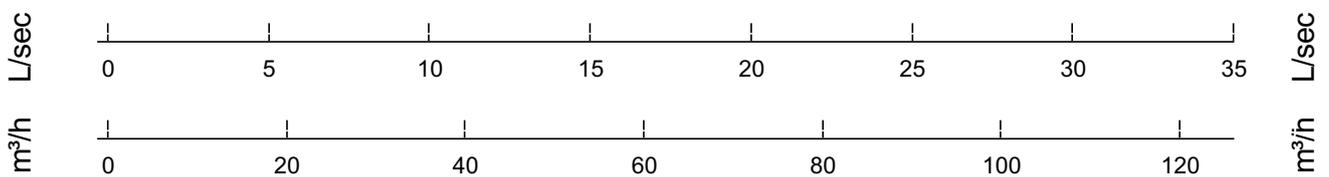
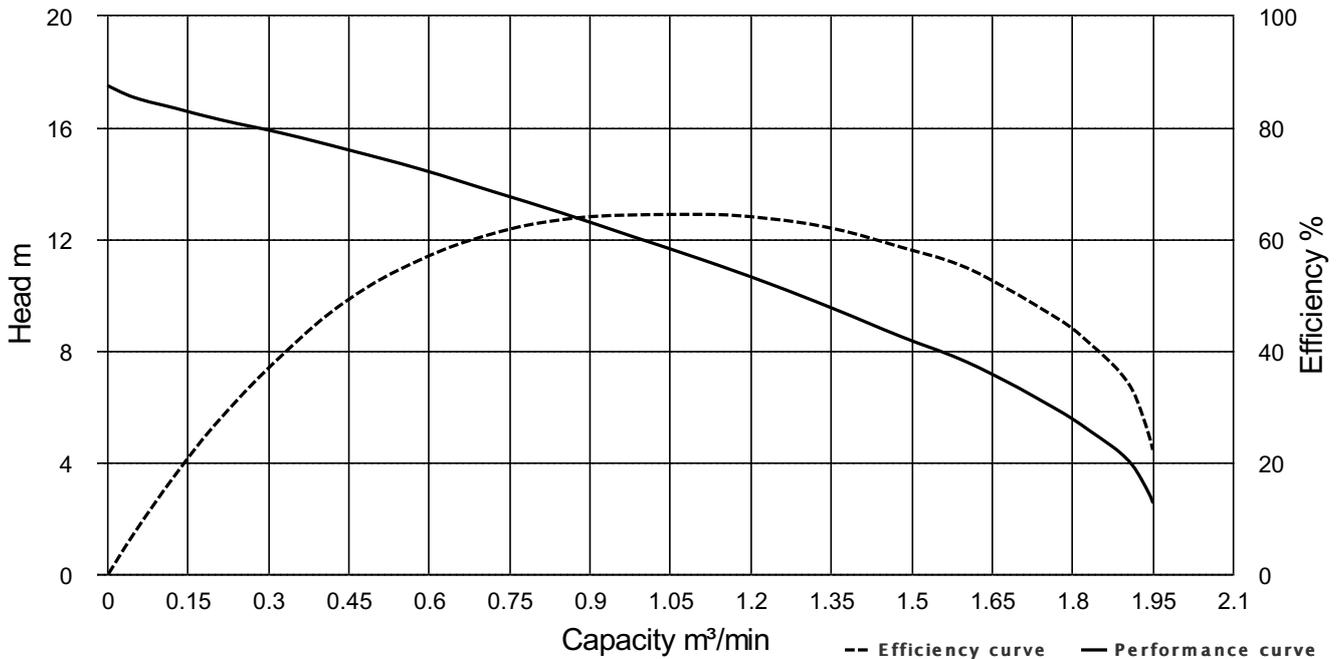
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	80(100)AFP43.7					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	4" / 100 mm						
<b>Power</b>	5 HP / 3.7 kW						
<b>Std. Head</b>	11.5 m						
<b>Std. Capacity</b>	1 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	15.2 A	8.8 A	8.4 A	8.4 A	6.7 A		
<b>Pole / rpm</b>	4 P / 1400 rpm						
<b>Start Method</b>	DIRECT						
<b>Insulation Class</b>	F						



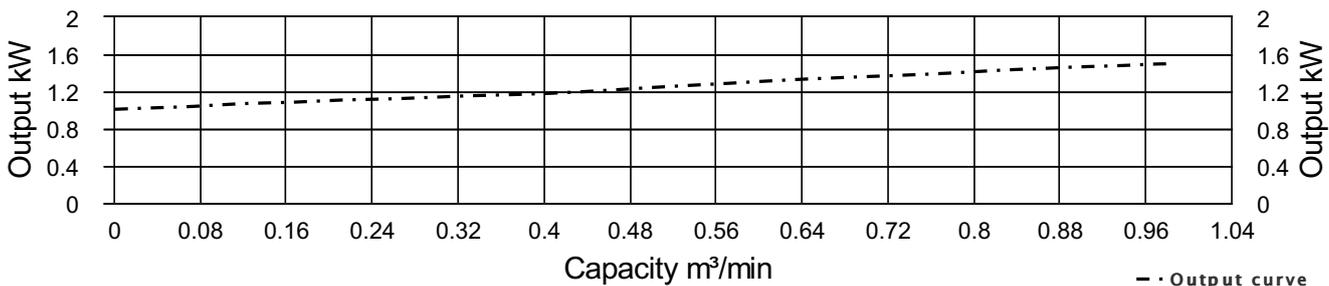
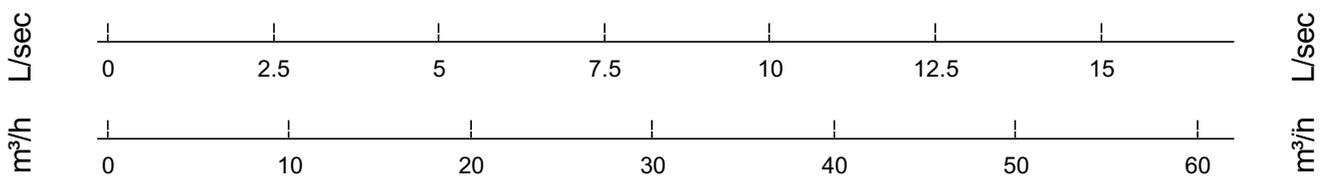
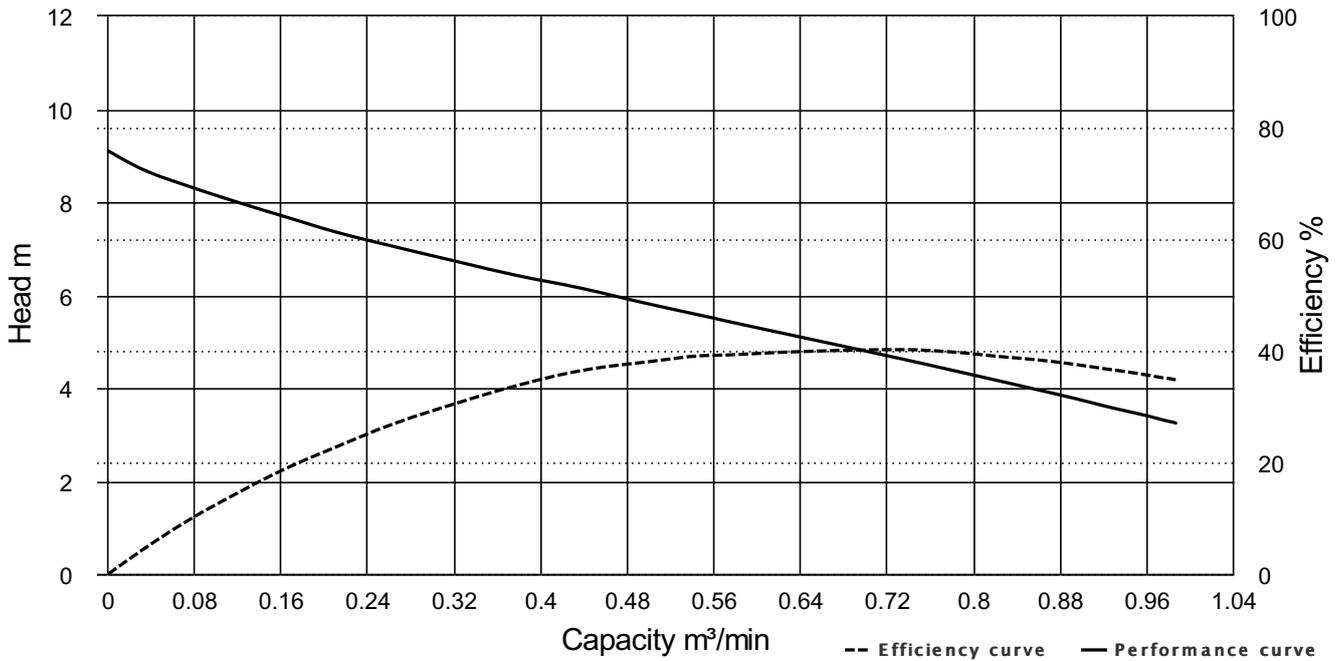
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80(100)AFE41.5				Ver NO.	BA0407	
Frequency / Phase	50 Hz / 1 Ø				REFERENCE SPECIFICATION		
Discharge	3" / 80 mm						
Power	2 HP / 1.5 kW						
Std. Head	5 m						
Std. Capacity	0.65 m³/min						
Volt	220 V	230 V	240 V				
Rated Current	10.4 A	10.2 A	10 A				
Pole / rpm	4 P / 1420 rpm						
Start Method							
Insulation Class	F						



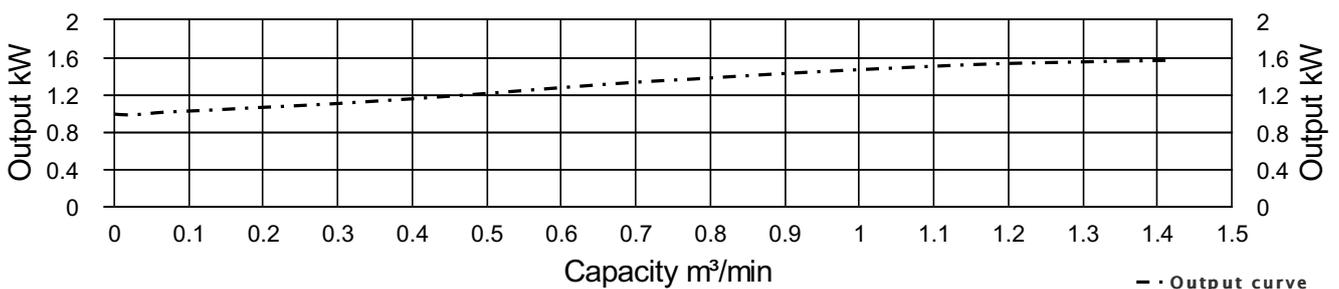
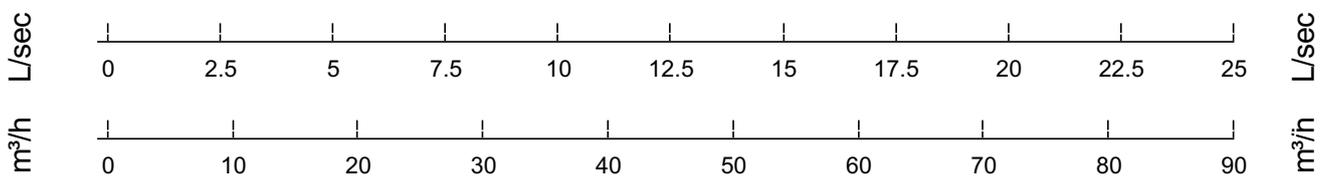
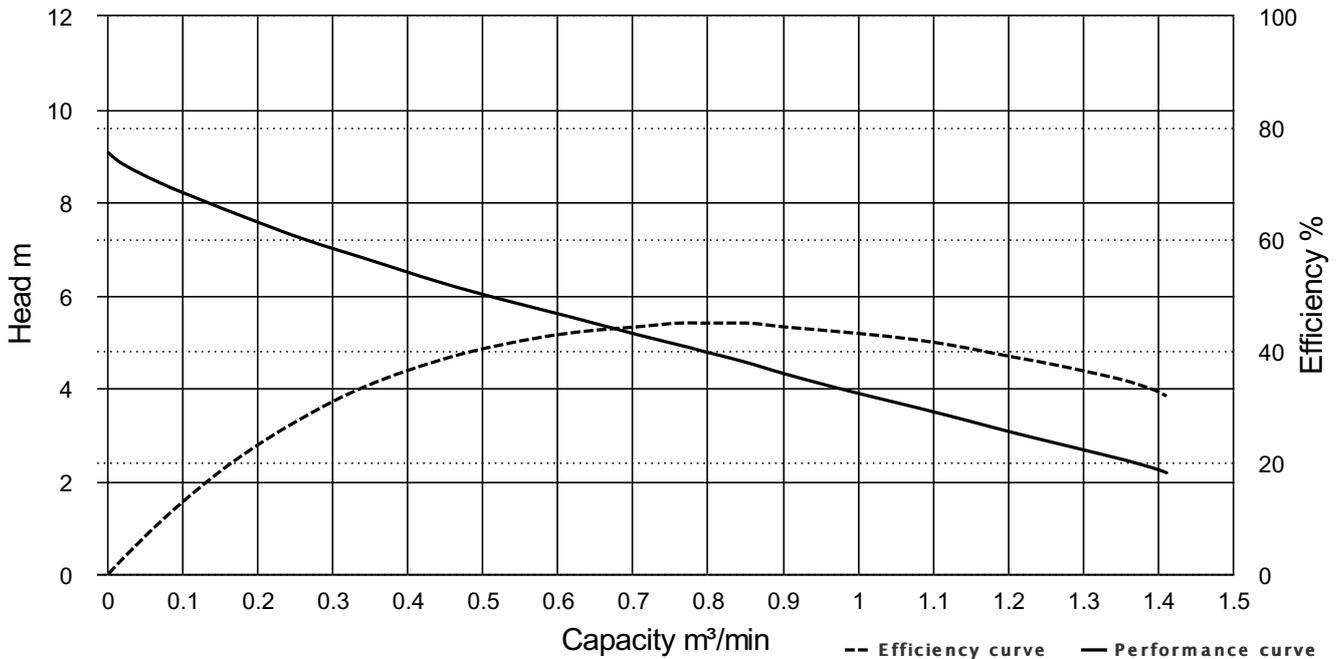
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80(100)AFE41.5				Ver NO.	BA0407	
Frequency / Phase	50 Hz / 1 Ø				REFERENCE SPECIFICATION		
Discharge	4" / 100 mm						
Power	2 HP / 1.5 kW						
Std. Head	4.5 m						
Std. Capacity	0.85 m³/min						
Volt	220 V	230 V	240 V				
Rated Current	10.4 A	10.2 A	10 A				
Pole / rpm	4 P / 1420 rpm						
Start Method							
Insulation Class	F						



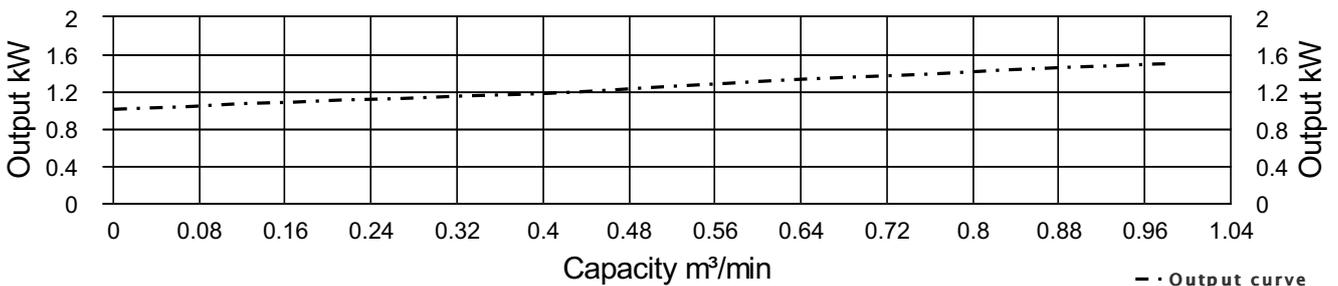
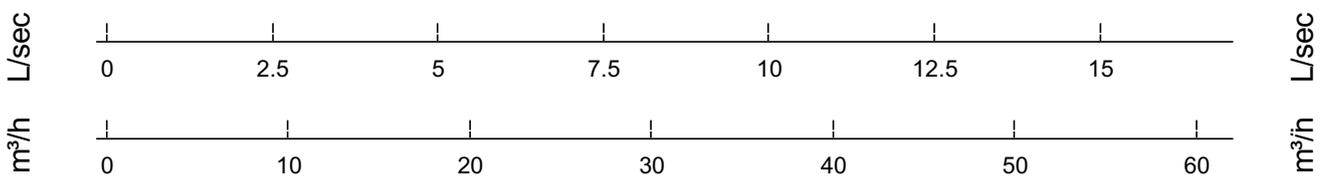
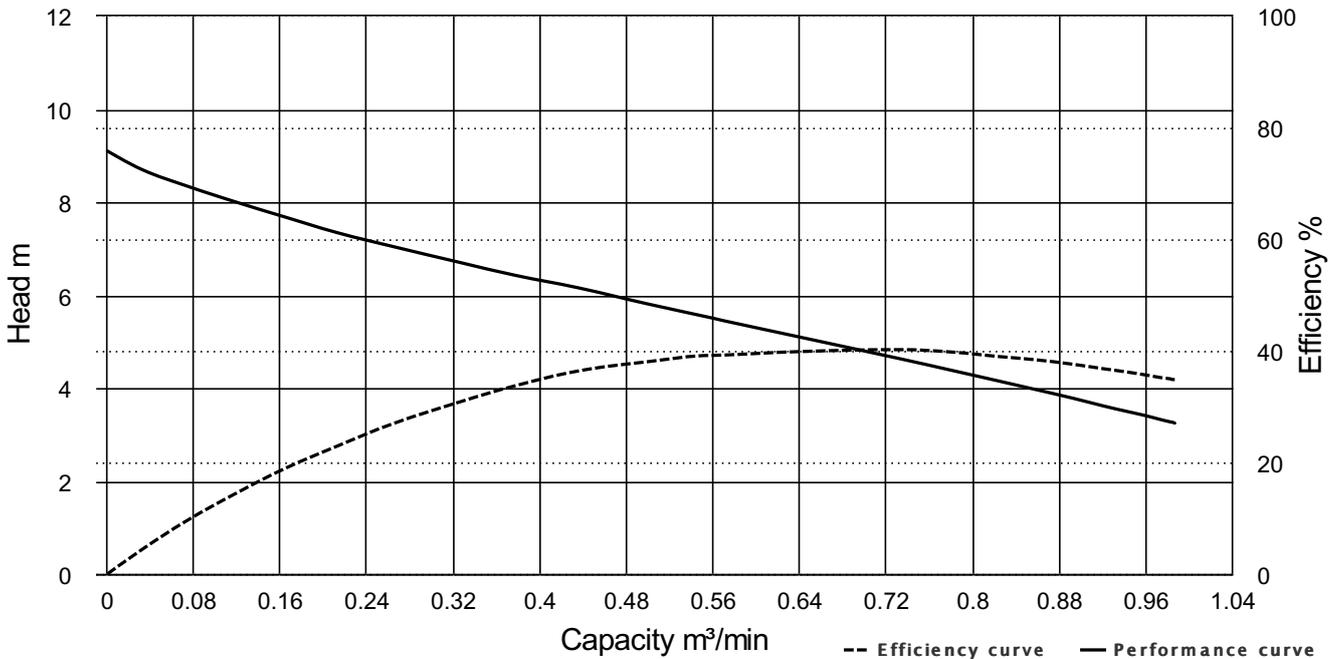
HCP PUMP MANUFACTURER CO., LTD.



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80(100)AFE41.5					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	2 HP / 1.5 kW						
Std. Head	5 m						
Std. Capacity	0.65 m³/min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	6.7 A	3.9 A	3.7 A	3.7 A	3 A		
Pole / rpm	4 P / 1420 rpm						
Start Method	DIRECT						
Insulation Class	F						



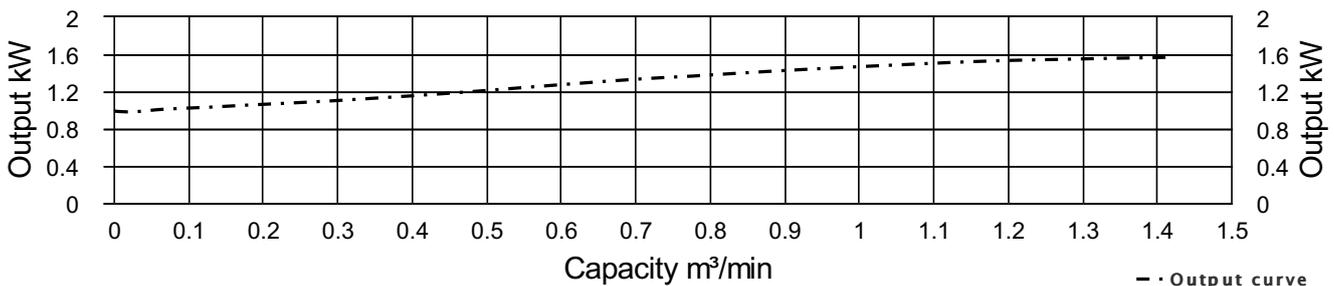
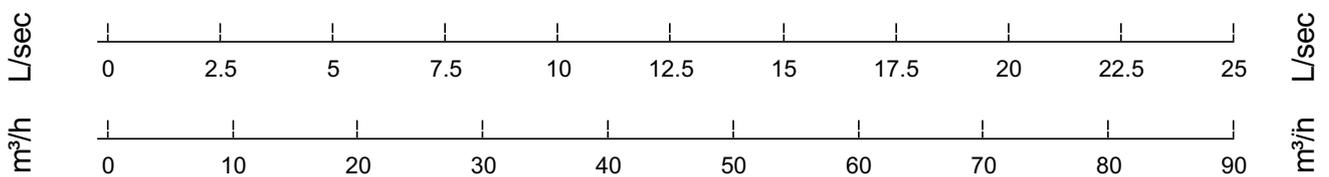
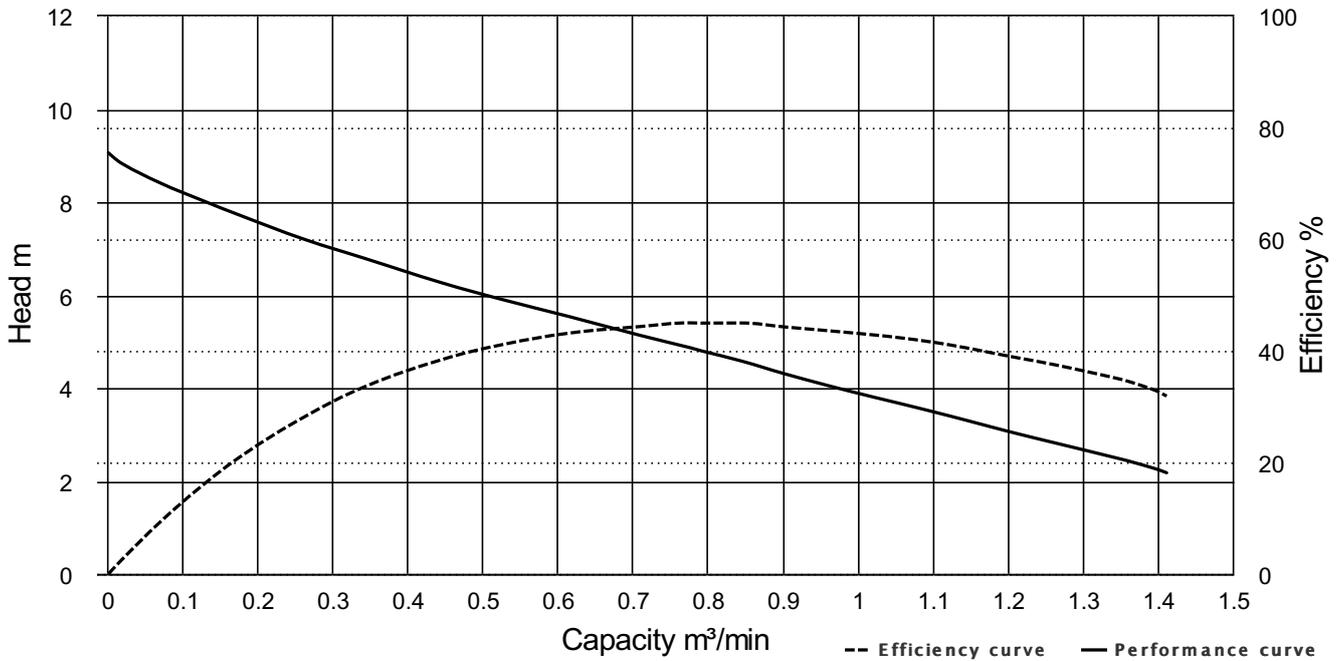
HCP PUMP MANUFACTURER CO., LTD.



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80(100)AFE41.5					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	4" / 100 mm						
Power	2 HP / 1.5 kW						
Std. Head	4.5 m						
Std. Capacity	0.85 m <sup>3</sup> /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	6.7 A	3.9 A	3.7 A	3.7 A	3 A		
Pole / rpm	4 P / 1420 rpm						
Start Method	DIRECT						
Insulation Class	F						



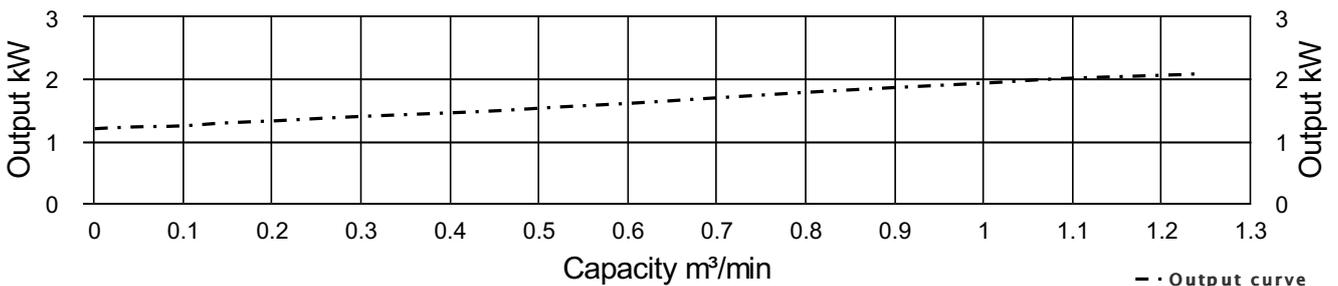
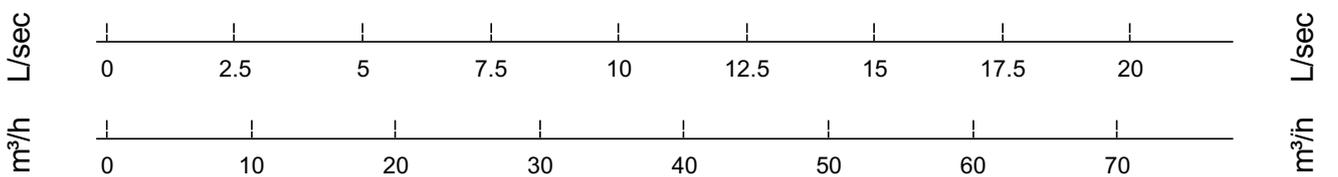
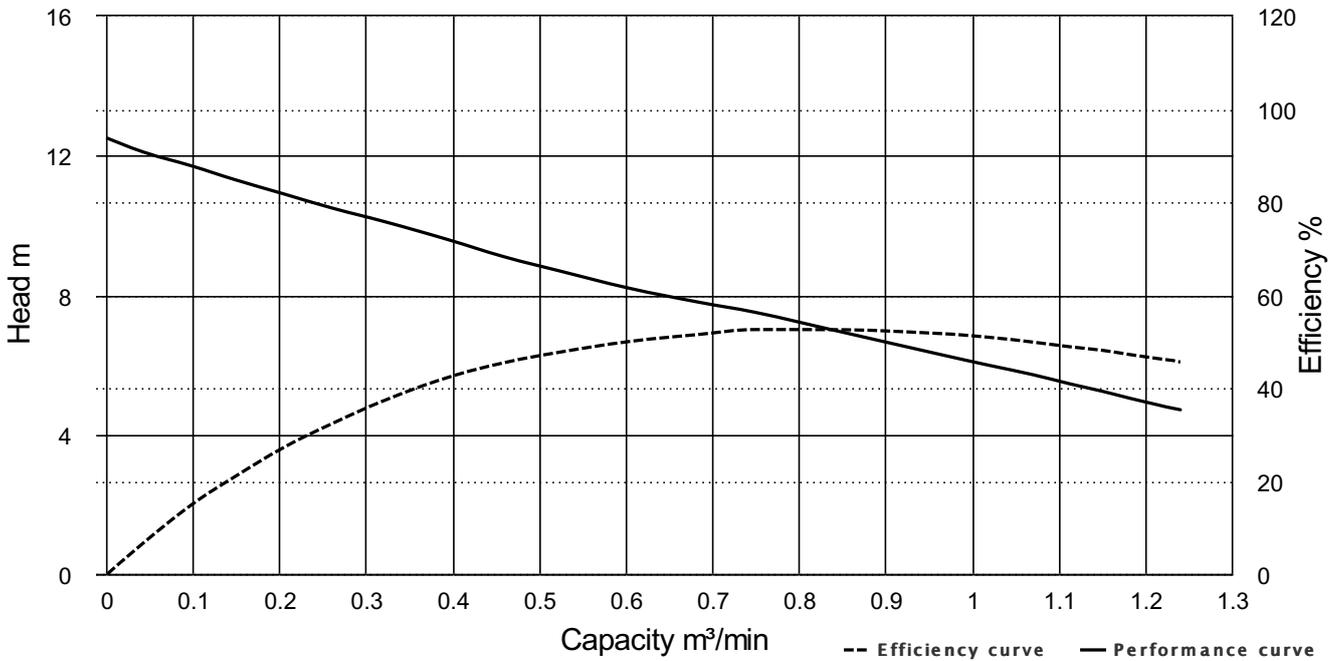
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80(100)AFE42.2					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	3 HP / 2.2 kW						
Std. Head	7 m						
Std. Capacity	0.8 m <sup>3</sup> /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	9.2 A	5.5 A	5.2 A	5.1 A	4.1 A		
Pole / rpm	4 P / 1400 rpm						
Start Method	DIRECT						
Insulation Class	F						



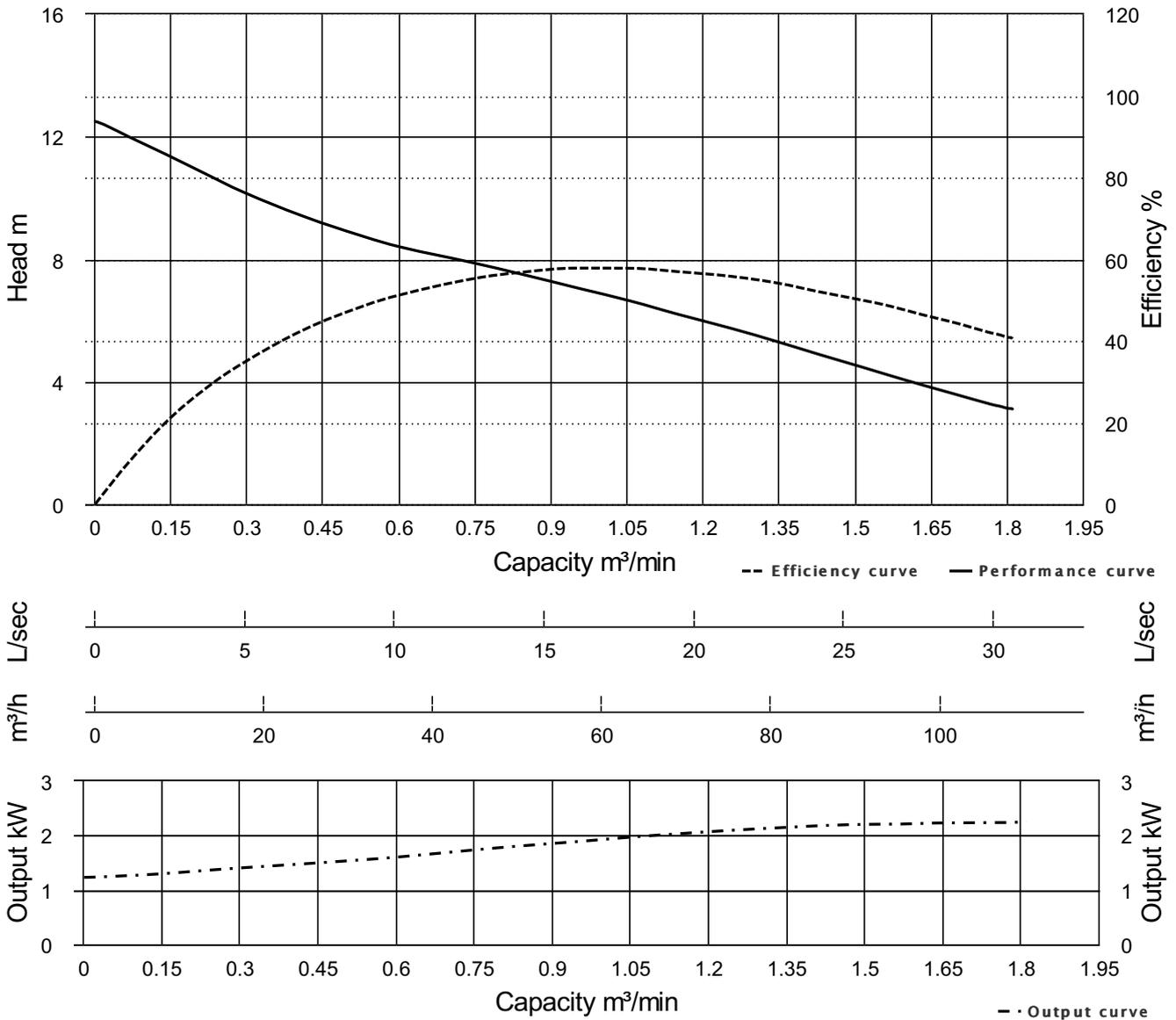
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	80(100)AFE42.2					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	4" / 100 mm						
<b>Power</b>	3 HP / 2.2 kW						
<b>Std. Head</b>	6.5 m						
<b>Std. Capacity</b>	1 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	9.2 A	5.5 A	5.2 A	5.1 A	4.1 A		
<b>Pole / rpm</b>	4 P / 1400 rpm						
<b>Start Method</b>	DIRECT						
<b>Insulation Class</b>	F						



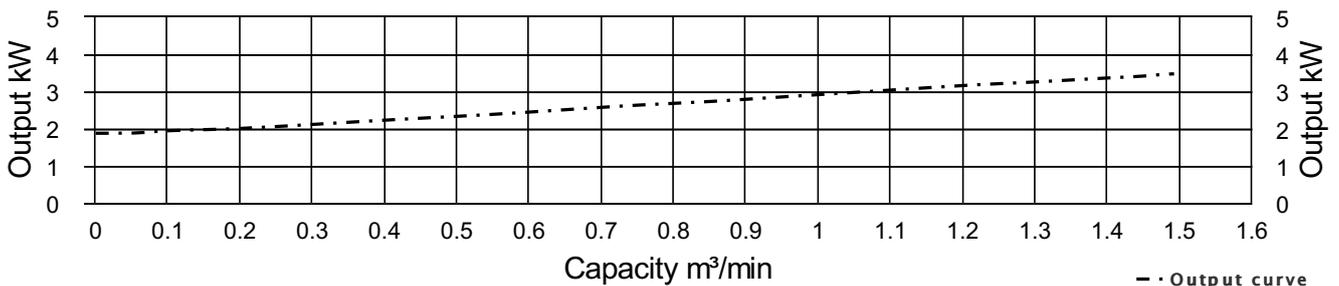
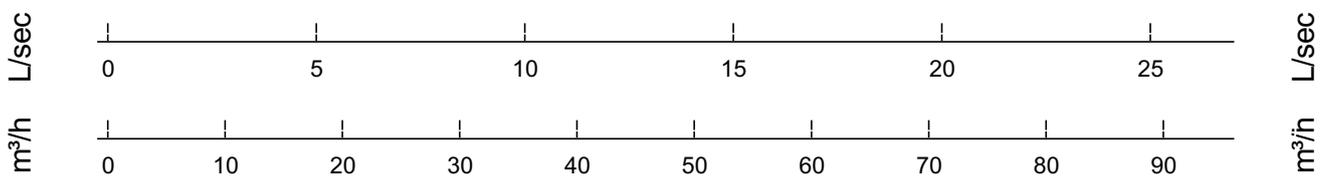
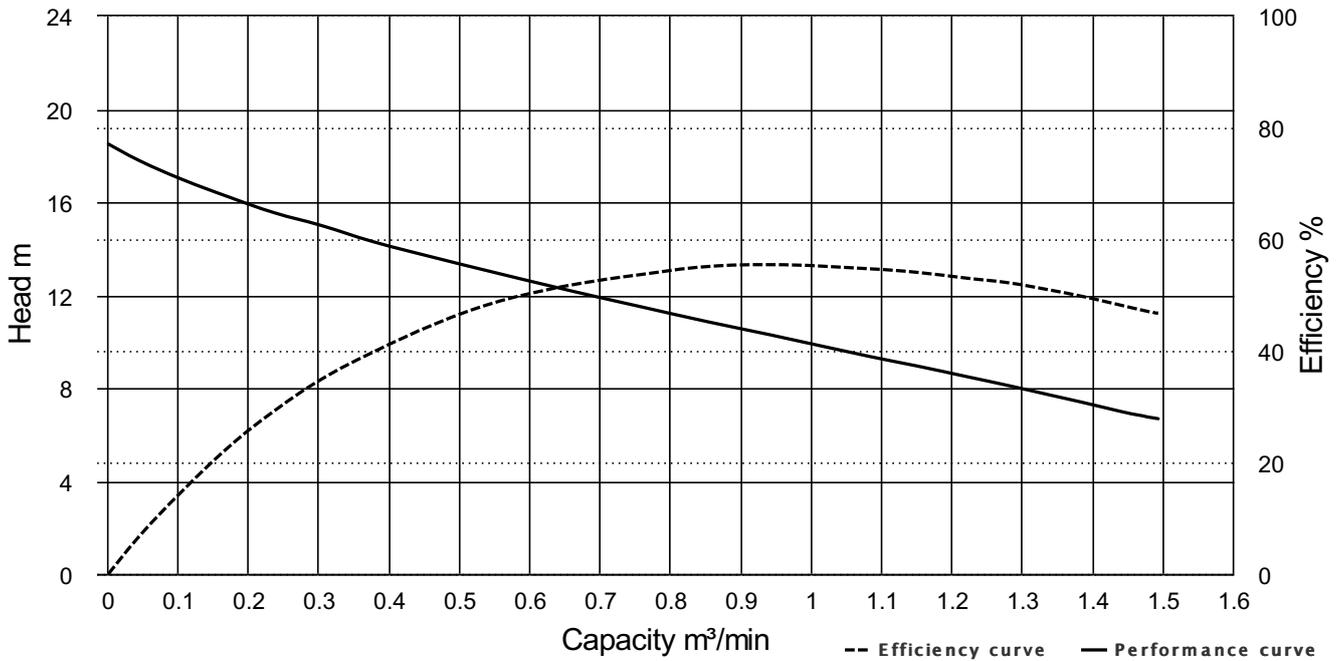
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80(100)AFE43.7					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	3" / 80 mm						
Power	5 HP / 3.7 kW						
Std. Head	11 m						
Std. Capacity	0.8 m <sup>3</sup> /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	15.2 A	8.8 A	8.4 A	8.4 A	6.7 A		
Pole / rpm	4 P / 1400 rpm						
Start Method	DIRECT						
Insulation Class	F						



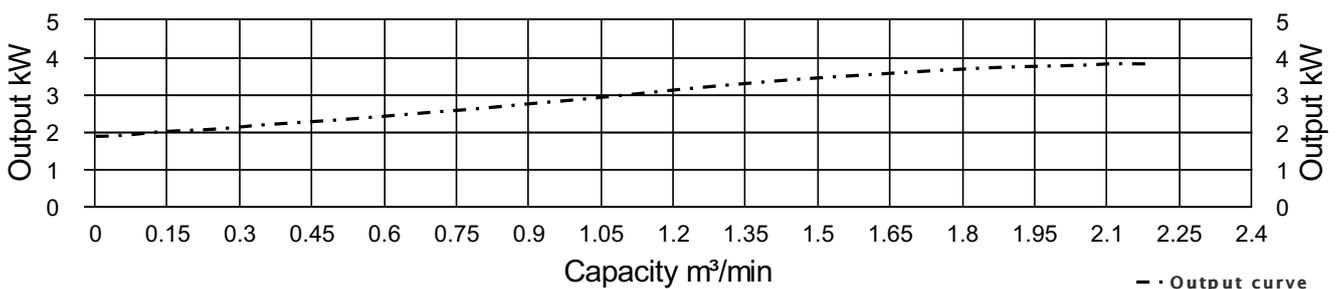
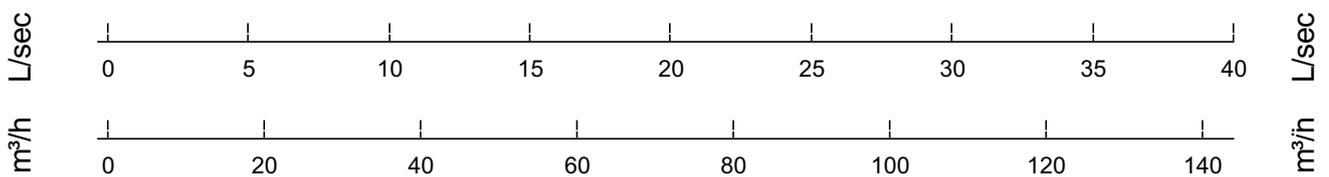
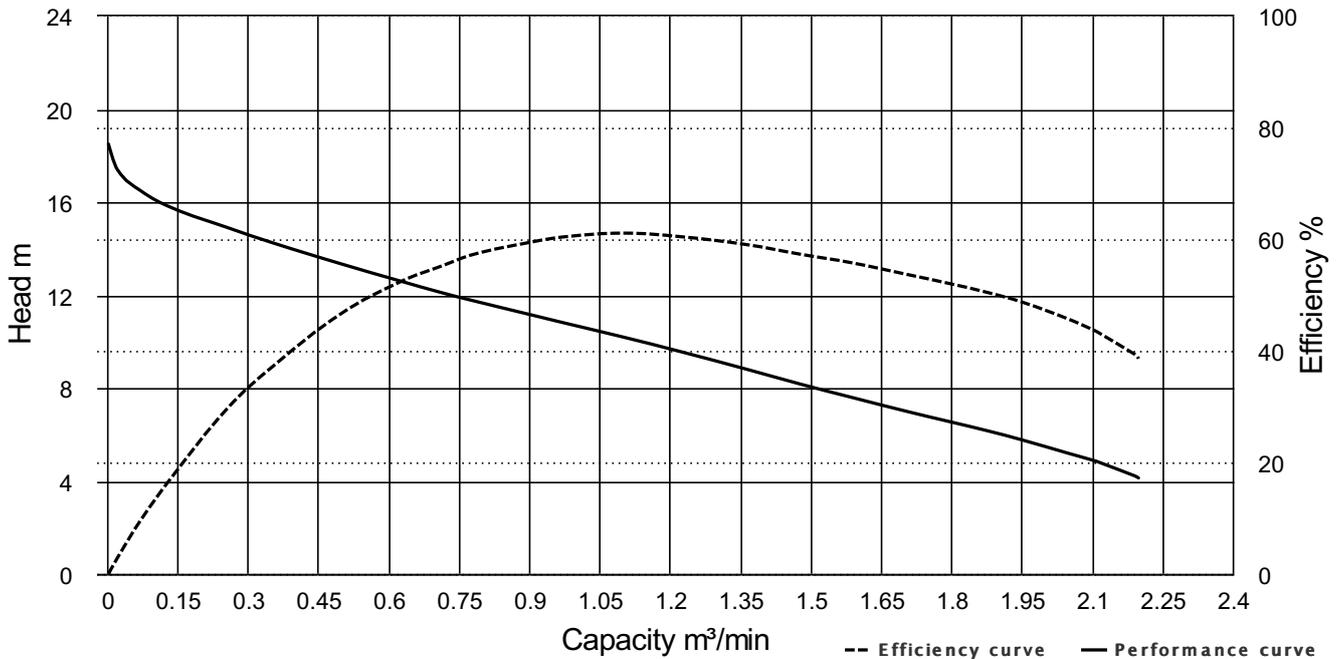
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	80(100)AFE43.7					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	4" / 100 mm						
Power	5 HP / 3.7 kW						
Std. Head	10.5 m						
Std. Capacity	1 m <sup>3</sup> /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	15.2 A	8.8 A	8.4 A	8.4 A	6.7 A		
Pole / rpm	4 P / 1400 rpm						
Start Method	DIRECT						
Insulation Class	F						



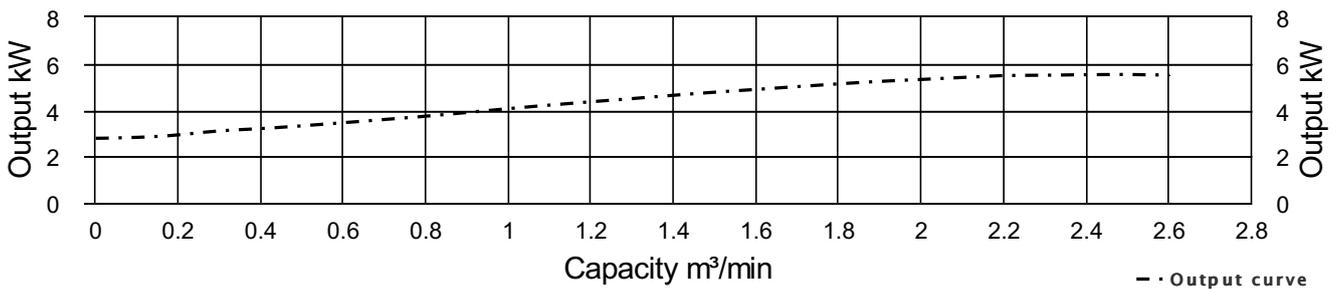
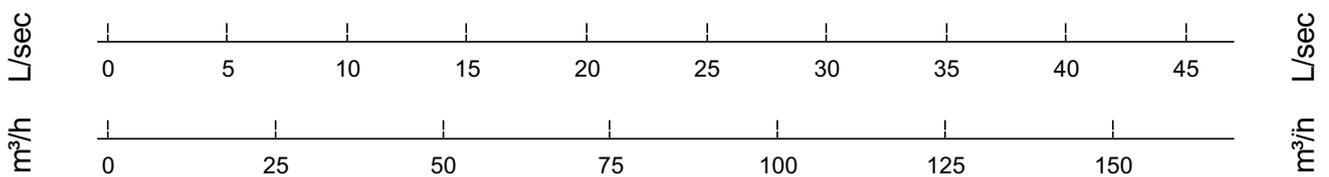
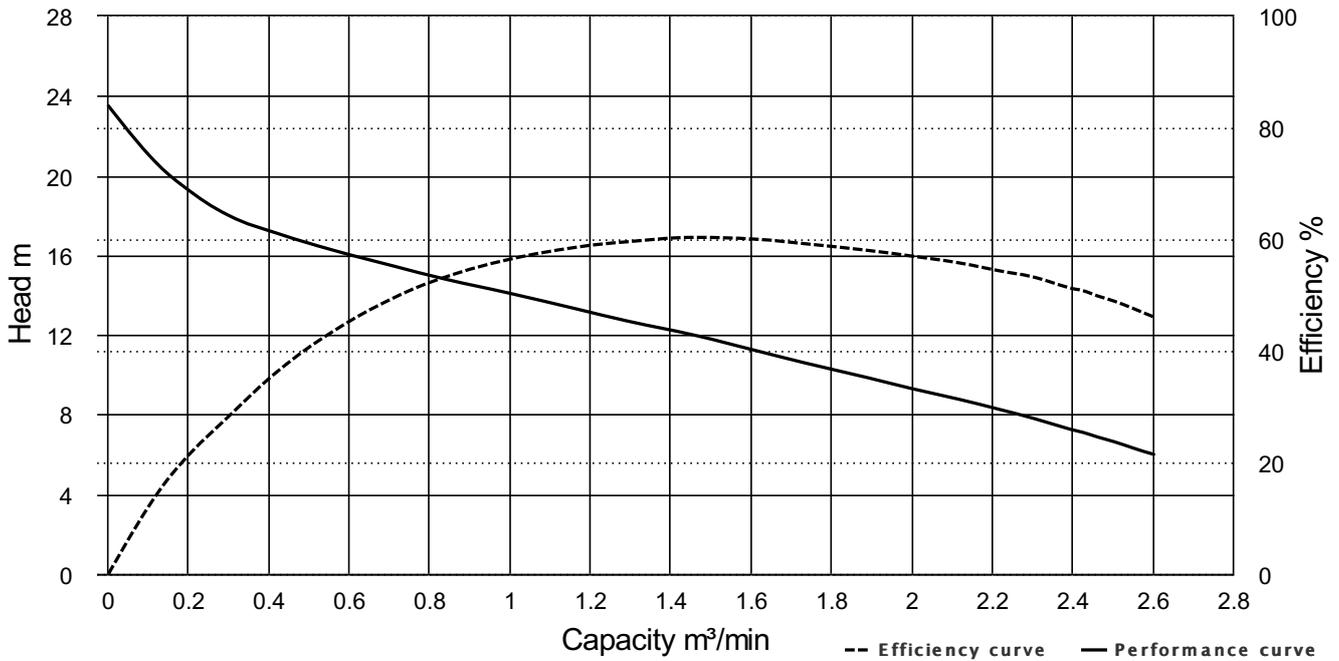
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	100(150)AFE45.5					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	4" / 100 mm						
<b>Power</b>	7.5 HP / 5.5 kW						
<b>Std. Head</b>	14 m						
<b>Std. Capacity</b>	1 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	22.2 A	12.6 A	12.2 A	12.2 A	9.8 A		
<b>Pole / rpm</b>	4 P / 1440 rpm						
<b>Start Method</b>	DOL						
<b>Insulation Class</b>	H						



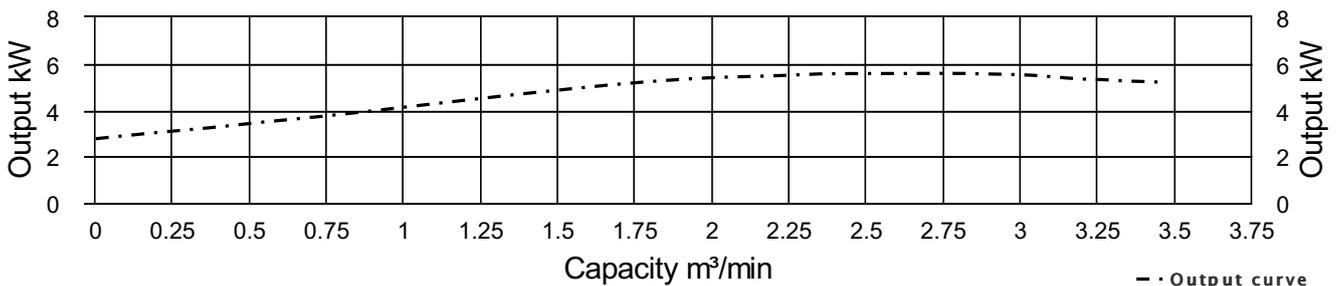
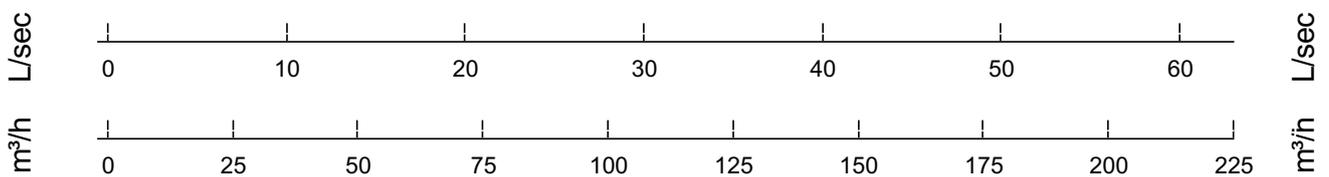
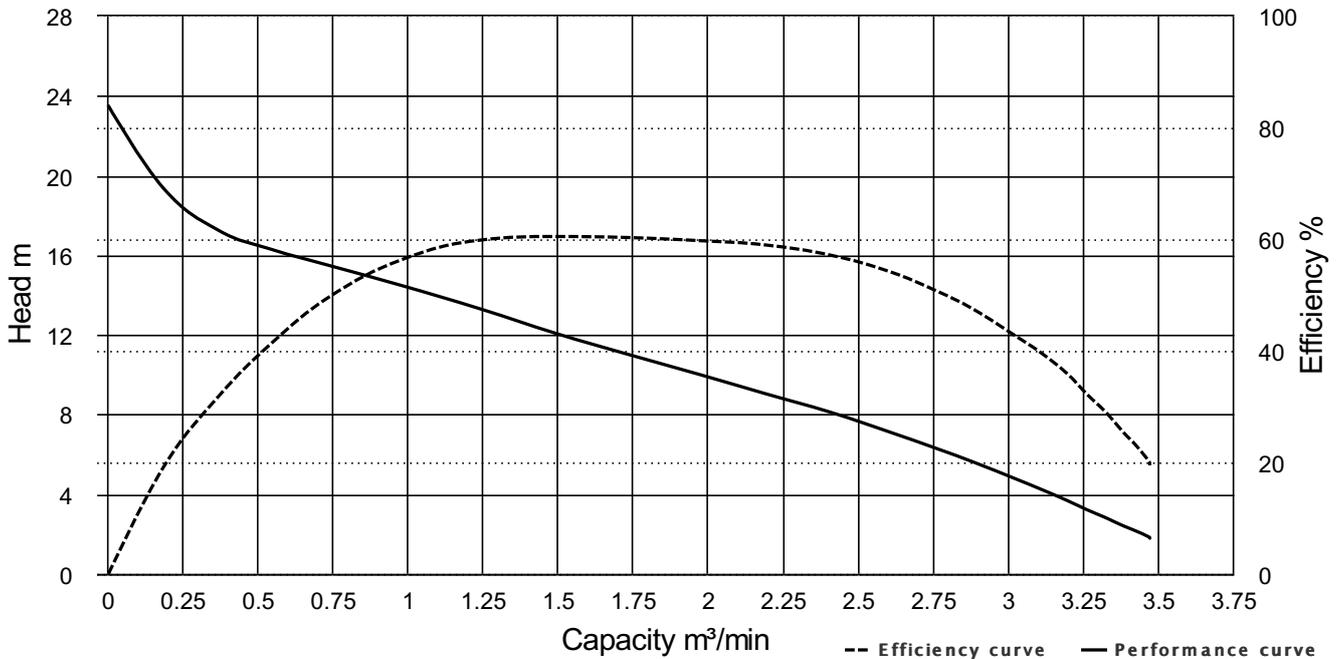
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	100(150)AFE45.5					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	6" / 150 mm						
Power	7.5 HP / 5.5 kW						
Std. Head	12 m						
Std. Capacity	1.5 m <sup>3</sup> /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	22.2 A	12.6 A	12.2 A	12.2 A	9.8 A		
Pole / rpm	4 P / 1440 rpm						
Start Method	DOL						
Insulation Class	H						



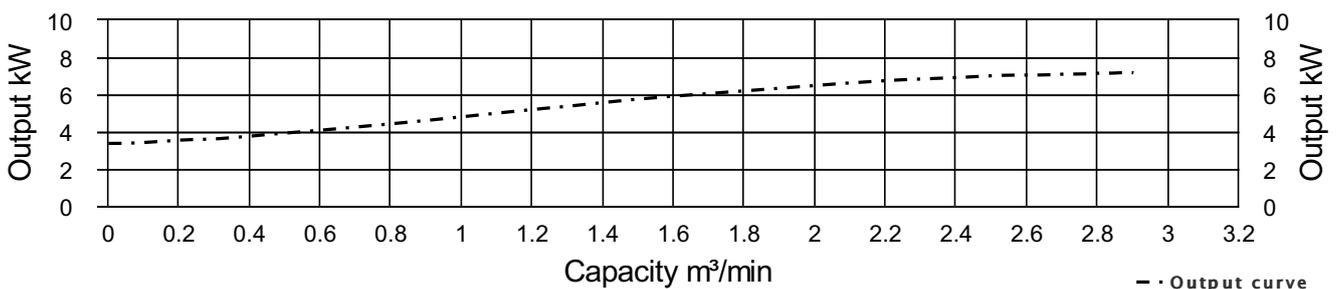
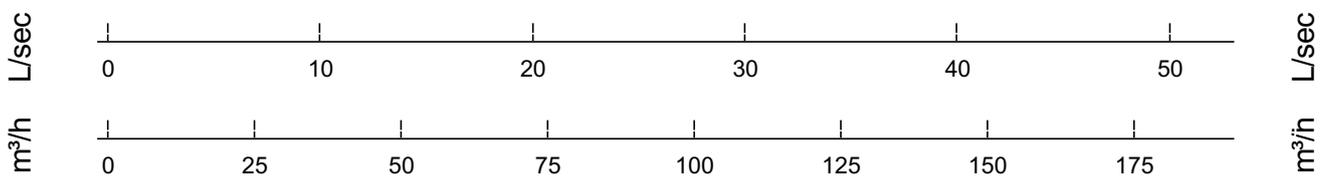
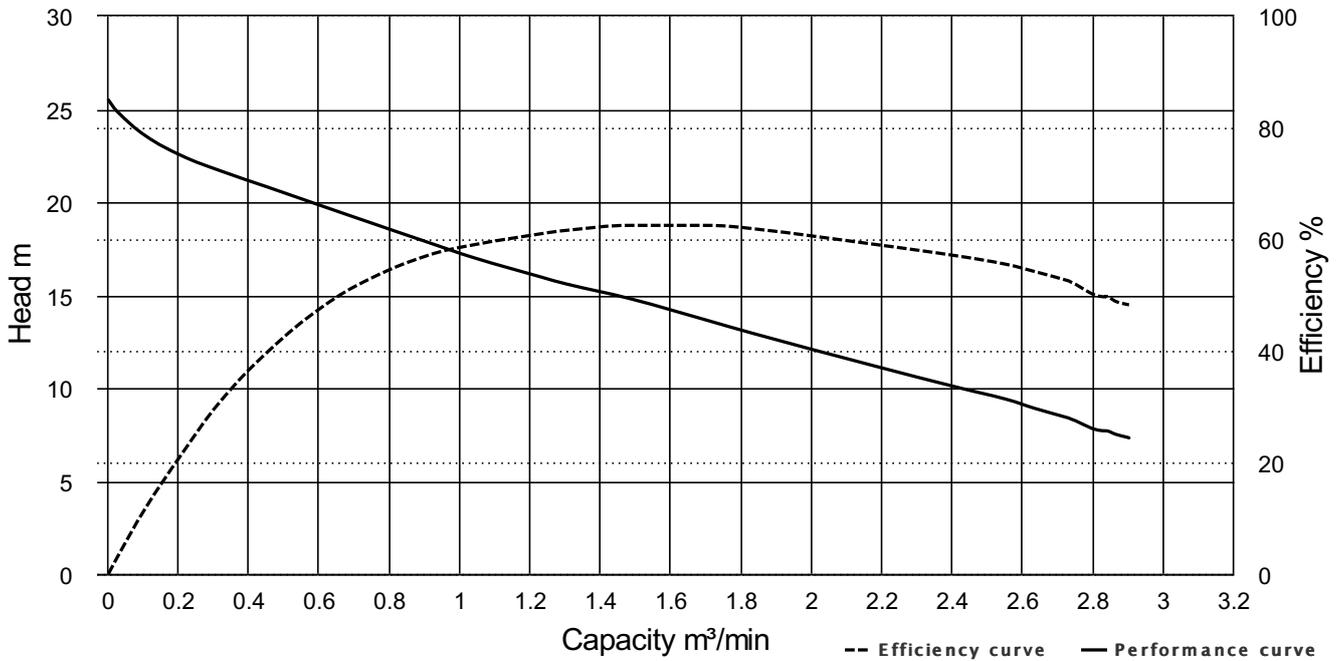
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	100(150)AFE47.5					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	4" / 100 mm						
<b>Power</b>	10 HP / 7.5 kW						
<b>Std. Head</b>	17 m						
<b>Std. Capacity</b>	1 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	29.2 A	16.3 A	16.1 A	16.1 A	12.9 A		
<b>Pole / rpm</b>	4 P / 1450 rpm						
<b>Start Method</b>	DOL						
<b>Insulation Class</b>	H						



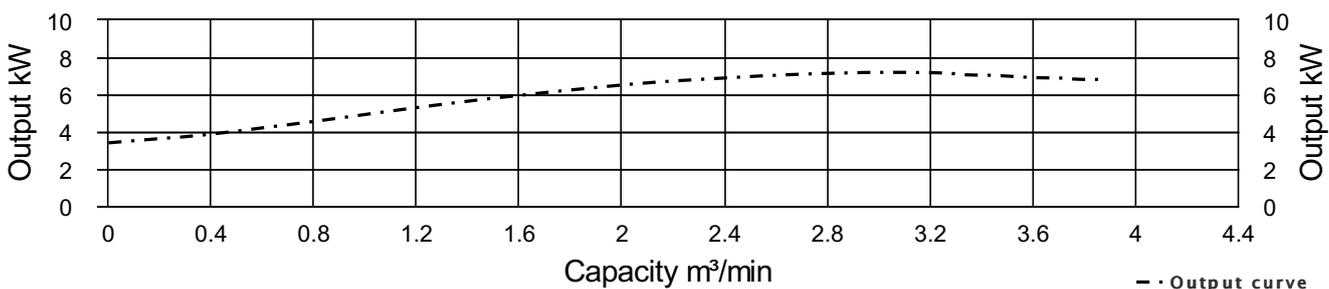
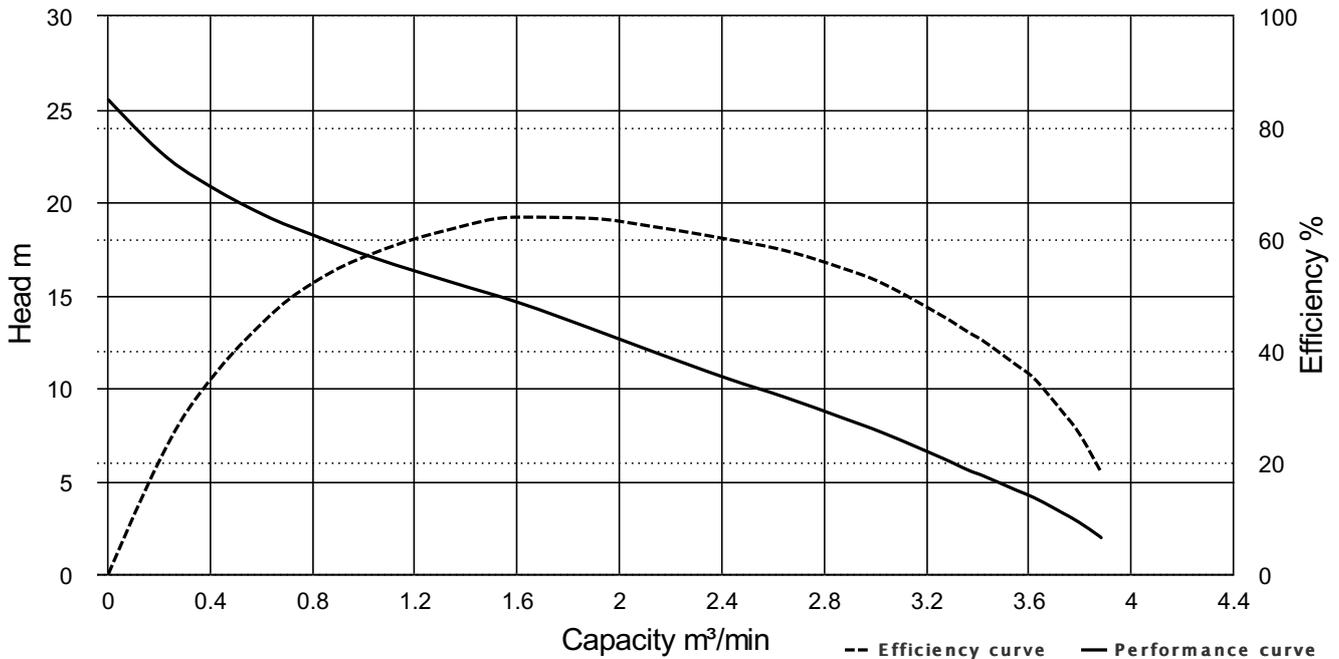
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	100(150)AFE47.5					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	6" / 150 mm						
<b>Power</b>	10 HP / 7.5 kW						
<b>Std. Head</b>	15 m						
<b>Std. Capacity</b>	1.5 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	29.2 A	16.3 A	16.1 A	16.1 A	12.9 A		
<b>Pole / rpm</b>	4 P / 1450 rpm						
<b>Start Method</b>	DOL						
<b>Insulation Class</b>	H						



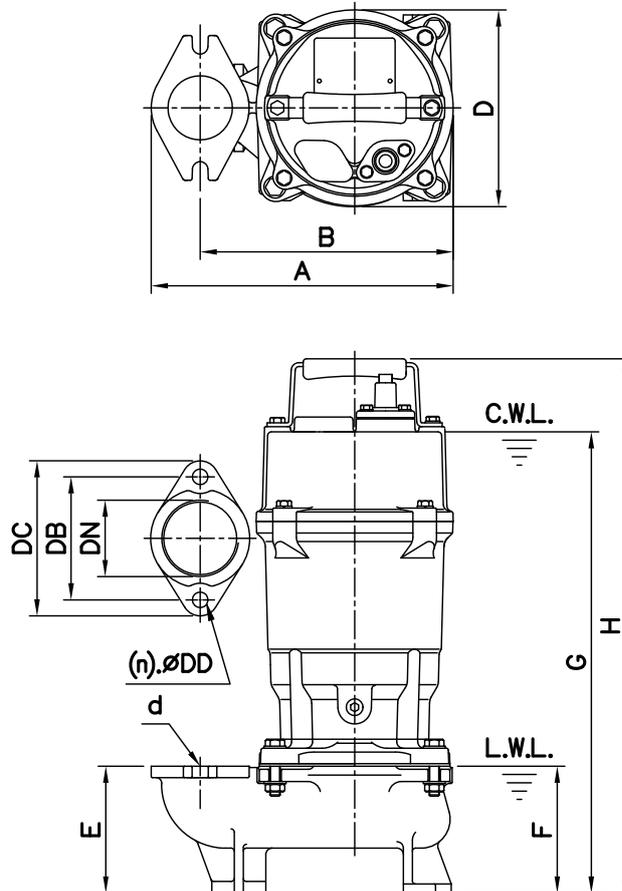
**HCP PUMP MANUFACTURER CO., LTD.**

## DIMENSIONS

NO: S2AFU208032-00

MODEL: 50AFU2.4 / 2.8

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
50AFU2.4 1Ø	50	235	197	154	99	100	360	417	19	EF2-96	50	96	121	12	2	1
50AFU2.4 3Ø	50	235	197	154	99	100	360	417	18	EF2-96	50	96	121	12	2	1
50AFU2.8 1Ø	50	235	197	154	99	100	360	417	20	EF2-96	50	96	121	12	2	1
50AFU2.8 3Ø	50	235	197	154	99	100	360	417	19	EF2-96	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
50AFU2.4 1Ø	2	9¼	7¾	6½ <sub>16</sub>	3⅞	3 <sup>15</sup> / <sub>16</sub>	14¾ <sub>16</sub>	16½ <sub>16</sub>	42	EF2-96	2	3¾	4¾	½	2	1
50AFU2.4 3Ø	2	9¼	7¾	6½ <sub>16</sub>	3⅞	3 <sup>15</sup> / <sub>16</sub>	14¾ <sub>16</sub>	16½ <sub>16</sub>	40	EF2-96	2	3¾	4¾	½	2	1
50AFU2.8 1Ø	2	9¼	7¾	6½ <sub>16</sub>	3⅞	3 <sup>15</sup> / <sub>16</sub>	14¾ <sub>16</sub>	16½ <sub>16</sub>	44	EF2-96	2	3¾	4¾	½	2	1
50AFU2.8 3Ø	2	9¼	7¾	6½ <sub>16</sub>	3⅞	3 <sup>15</sup> / <sub>16</sub>	14¾ <sub>16</sub>	16½ <sub>16</sub>	42	EF2-96	2	3¾	4¾	½	2	1

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

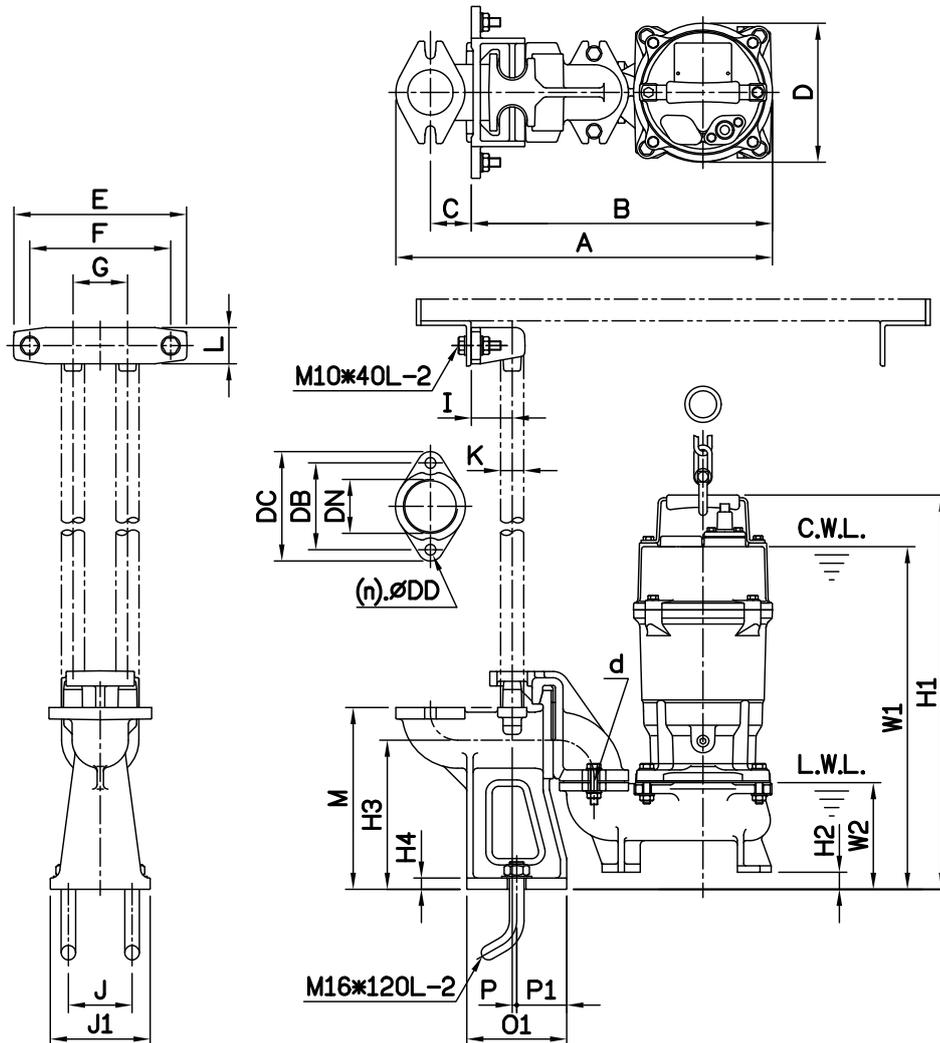
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

## DIMENSIONS

NO: T2AFU208032-00

MODEL: 50AFU2.4 / 2.8

1Ø / 3Ø



Flange	
Female Thread	
PF	NPT

Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF2-96	50	96	121	12	2

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF2-96	2	3 3/4	4 3/4	1/2	2

Dimensions-mm

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
50AFU2.4 1Ø	50	415	332	45	154	190	155	60	45	70	110	3/4"	40	201	110	5	55	379	119	436	19	165	13	19	T2-50	9
50AFU2.4 3Ø	50	415	332	45	154	190	155	60	45	70	110	3/4"	40	201	110	5	55	379	119	436	19	165	13	18	T2-50	9
50AFU2.8 1Ø	50	415	332	45	154	190	155	60	45	70	110	3/4"	40	201	110	5	55	379	119	436	19	165	13	20	T2-50	9
50AFU2.8 3Ø	50	415	332	45	154	190	155	60	45	70	110	3/4"	40	201	110	5	55	379	119	436	19	165	13	19	T2-50	9

Weight:kg

Dimensions-inch

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
50AFU2.4 1Ø	2	16 5/16	13 3/16	1 3/4	6 1/16	7 1/2	6 7/8	2 3/8	1 3/4	2 3/4	4 5/16	3/4	1 1/16	7 15/16	4 5/16	3/16	2 3/16	14 15/16	4 11/16	17 3/16	3/4	6 1/2	1/2	42	T2-50	19
50AFU2.4 3Ø	2	16 5/16	13 3/16	1 3/4	6 1/16	7 1/2	6 7/8	2 3/8	1 3/4	2 3/4	4 5/16	3/4	1 1/16	7 15/16	4 5/16	3/16	2 3/16	14 15/16	4 11/16	17 3/16	3/4	6 1/2	1/2	40	T2-50	19
50AFU2.8 1Ø	2	16 5/16	13 3/16	1 3/4	6 1/16	7 1/2	6 7/8	2 3/8	1 3/4	2 3/4	4 5/16	3/4	1 1/16	7 15/16	4 5/16	3/16	2 3/16	14 15/16	4 11/16	17 3/16	3/4	6 1/2	1/2	44	T2-50	19
50AFU2.8 3Ø	2	16 5/16	13 3/16	1 3/4	6 1/16	7 1/2	6 7/8	2 3/8	1 3/4	2 3/4	4 5/16	3/4	1 1/16	7 15/16	4 5/16	3/16	2 3/16	14 15/16	4 11/16	17 3/16	3/4	6 1/2	1/2	42	T2-50	19

Weight:lb

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

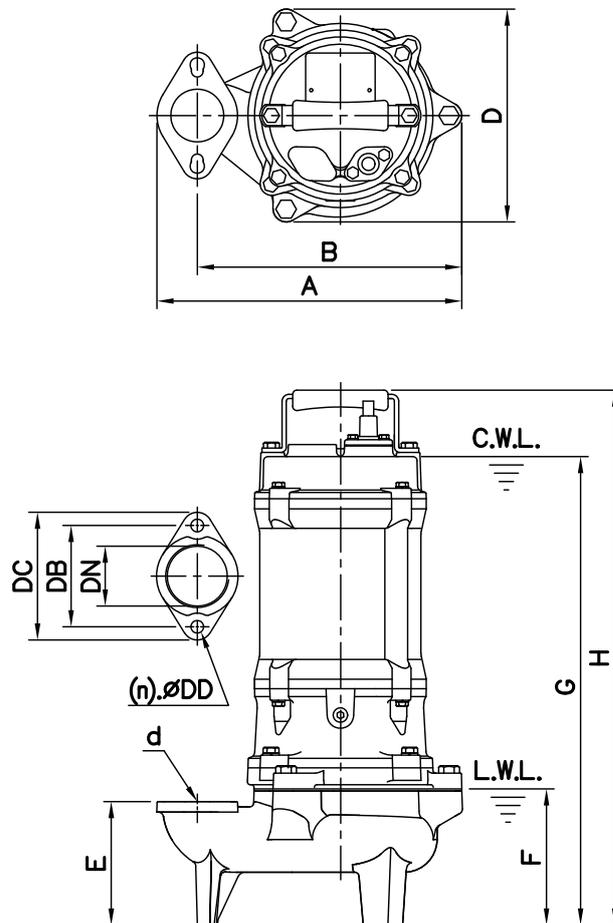
WT1:Pump Weight(Without Cable)  
WT2:GRS Set Weight

## DIMENSIONS

NO: S2AFU215L32-00

MODEL: 50AFU21.5 / 21.5L

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
50AFU21.5 1Ø	50	288	250	202	88	100	469	532	33	EF2-96	50	96	121	12	2	1
50AFU21.5 3Ø	50	288	250	202	88	100	414	477	29	EF2-96	50	96	121	12	2	1
50AFU21.5L 1Ø	50	288	250	202	117	129	499	562	34	EF2-96	50	96	121	12	2	1
50AFU21.5L 3Ø	50	288	250	202	117	129	444	507	30	EF2-96	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
50AFU21.5 1Ø	2	11 <sup>5</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	7 <sup>15</sup> / <sub>16</sub>	3 <sup>7</sup> / <sub>16</sub>	3 <sup>15</sup> / <sub>16</sub>	18 <sup>3</sup> / <sub>16</sub>	20 <sup>15</sup> / <sub>16</sub>	73	EF2-96	2	3 <sup>3</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	1/2	2	1
50AFU21.5 3Ø	2	11 <sup>5</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	7 <sup>15</sup> / <sub>16</sub>	3 <sup>7</sup> / <sub>16</sub>	3 <sup>15</sup> / <sub>16</sub>	16 <sup>3</sup> / <sub>16</sub>	18 <sup>3</sup> / <sub>4</sub>	64	EF2-96	2	3 <sup>3</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	1/2	2	1
50AFU21.5L 1Ø	2	11 <sup>5</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	7 <sup>15</sup> / <sub>16</sub>	4 <sup>5</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>16</sub>	19 <sup>5</sup> / <sub>8</sub>	22 <sup>1</sup> / <sub>8</sub>	75	EF2-96	2	3 <sup>3</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	1/2	2	1
50AFU21.5L 3Ø	2	11 <sup>5</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	7 <sup>15</sup> / <sub>16</sub>	4 <sup>5</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	19 <sup>15</sup> / <sub>16</sub>	66	EF2-96	2	3 <sup>3</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	1/2	2	1

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

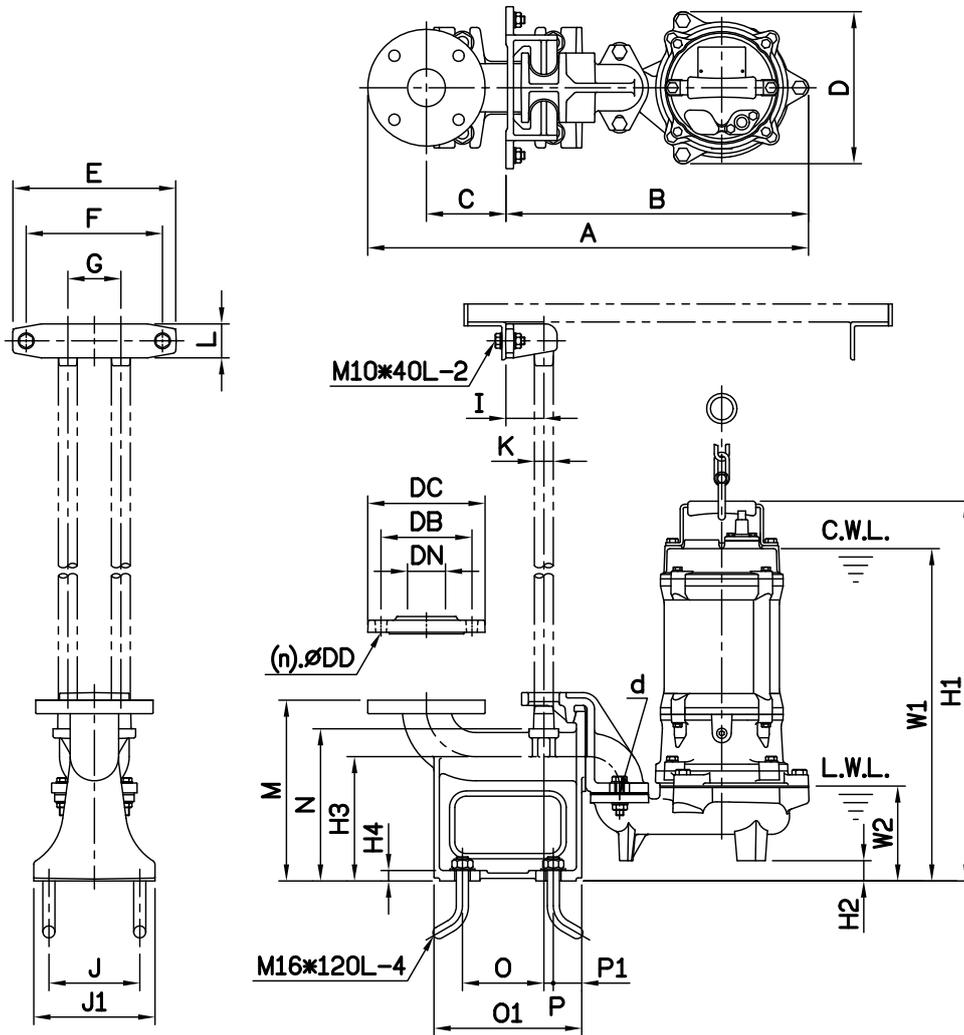
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

## DIMENSIONS

NO: T2AFU215032-00

MODEL: 50AFU21.5

1Ø / 3Ø



Flange	
Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF2-120	50	120	155	15	4

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF2-120	2	4 3/4	6 1/8	3/8	4

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
50AFU21.5 1Ø	50	582	400	105	202	215	180	70	50	120	160	1"	45	240	202	108	195	13	38	496	127	559	27	165	14	33	T50E	17
50AFU21.5 3Ø	50	582	400	105	202	215	180	70	50	120	160	1"	45	240	202	108	195	13	38	441	127	504	27	165	14	29	T50E	17

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
50AFU21.5 1Ø	2	22 7/8	15 3/4	4 1/8	7 15/16	8 7/16	7 1/8	2 3/4	1 15/16	4 3/4	6 3/16	1	1 3/4	9 1/8	7 15/16	4 1/4	7 15/16	1/2	1 1/2	19 1/2	5	22	1 1/8	6 1/2	3/16	73	T50E	38
50AFU21.5 3Ø	2	22 7/8	15 3/4	4 1/8	7 15/16	8 7/16	7 1/8	2 3/4	1 15/16	4 3/4	6 3/16	1	1 3/4	9 1/8	7 15/16	4 1/4	7 15/16	1/2	1 1/2	17 3/8	5	19 3/8	1 1/8	6 1/2	3/16	64	T50E	38

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

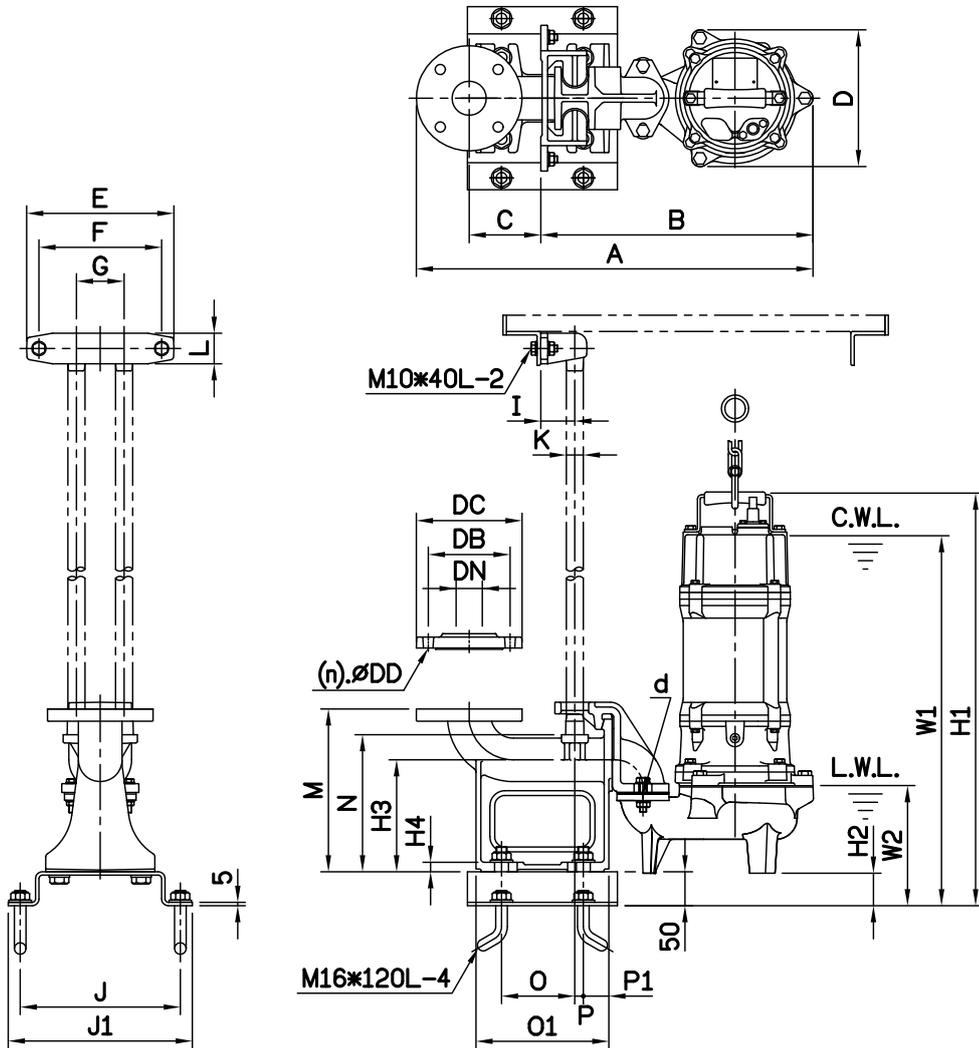
WT1:Pump Weight(Without Cable)  
WT2:GRS Set Weight

## DIMENSIONS

NO: T2AFU215L32-00

MODEL: 50AFU21.5L

1Ø / 3Ø



Flange	
Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF2-120	50	120	155	15	4

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF2-120	2	4 <sup>3</sup> / <sub>4</sub>	6 <sup>1</sup> / <sub>8</sub>	<sup>3</sup> / <sub>8</sub>	4

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
50AFU21.5L 1Ø	50	582	400	105	202	215	180	70	50	235	270	1"	45	240	202	108	195	13	38	547	177	610	48	165	14	34	T50E-E5	21
50AFU21.5L 3Ø	50	582	400	105	202	215	180	70	50	235	270	1"	45	240	202	108	195	13	38	492	177	555	48	165	14	30	T50E-E5	21

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
50AFU21.5L 1Ø	2	22 <sup>5</sup> / <sub>8</sub>	15 <sup>3</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	1 <sup>5</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>4</sub>	10 <sup>5</sup> / <sub>8</sub>	1	1 <sup>3</sup> / <sub>4</sub>	9 <sup>5</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	1/2	1 <sup>1</sup> / <sub>2</sub>	21 <sup>3</sup> / <sub>8</sub>	6 <sup>15</sup> / <sub>8</sub>	24	1 <sup>7</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>2</sub>	3/8	75	T50E-E5	47
50AFU21.5L 3Ø	2	22 <sup>5</sup> / <sub>8</sub>	15 <sup>3</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	1 <sup>5</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>4</sub>	10 <sup>5</sup> / <sub>8</sub>	1	1 <sup>3</sup> / <sub>4</sub>	9 <sup>5</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	1/2	1 <sup>1</sup> / <sub>2</sub>	19 <sup>3</sup> / <sub>8</sub>	6 <sup>15</sup> / <sub>8</sub>	21 <sup>7</sup> / <sub>8</sub>	1 <sup>7</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>2</sub>	3/8	66	T50E-E5	47

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

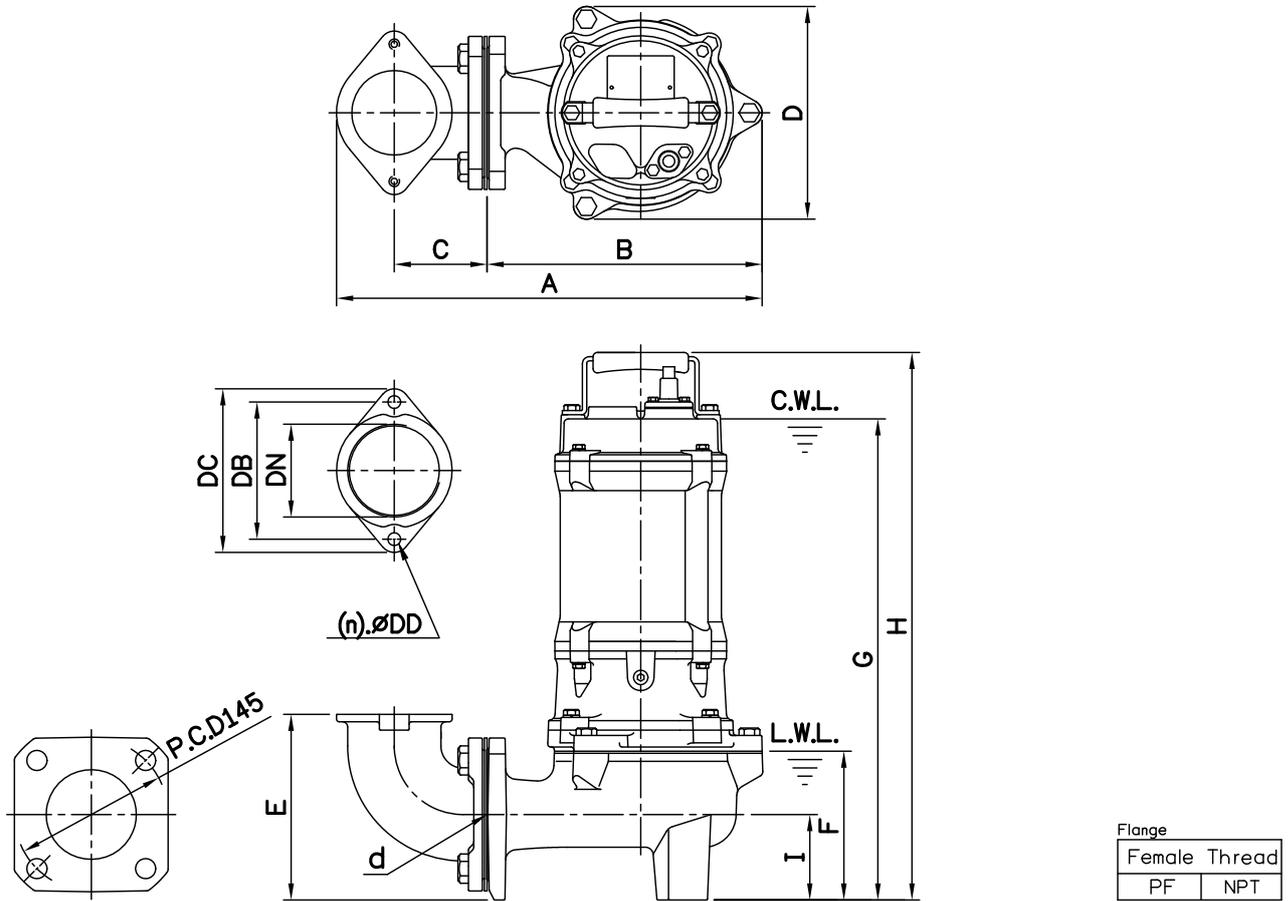
WT1:Pump Weight(Without Cable)  
WT2:GRS Set Weight

## DIMENSIONS

NO: S3AFU222032-00

MODEL: 80AFU21.5 / 22.2 / 21.5L / 22.2L

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
80AFU21.5 1Ø	80	397	260	83	202	171	140	511	574	81	35	EB3-130	80	130	155	12	2	5
80AFU22.2 1Ø	80	397	260	83	202	171	140	538	601	81	38	EB3-130	80	130	155	12	2	5
80AFU21.5L 1Ø	80	402	265	83	221	210	190	563	626	120	38	EB3-130	80	130	155	12	2	5
80AFU22.2L 1Ø	80	402	265	83	221	210	190	590	653	120	40	EB3-130	80	130	155	12	2	5
80AFU21.5 3Ø	80	397	260	83	202	171	140	456	519	81	32	EB3-130	80	130	155	12	2	5
80AFU22.2 3Ø	80	397	260	83	202	171	140	456	519	81	34	EB3-130	80	130	155	12	2	5
80AFU21.5L 3Ø	80	402	265	83	221	210	190	508	571	120	34	EB3-130	80	130	155	12	2	5
80AFU22.2L 3Ø	80	402	265	83	221	210	190	508	571	120	36	EB3-130	80	130	155	12	2	5

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
80AFU21.5 1Ø	3	15 <sup>5</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	7 <sup>15</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>2</sub>	20 <sup>5</sup> / <sub>16</sub>	22 <sup>5</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>16</sub>	77	EB3-130	3	5 <sup>1</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>8</sub>	1/2	2	11
80AFU22.2 1Ø	3	15 <sup>5</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	7 <sup>15</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>2</sub>	21 <sup>3</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	84	EB3-130	3	5 <sup>1</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>8</sub>	1/2	2	11
80AFU21.5L 1Ø	3	15 <sup>5</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>2</sub>	22 <sup>3</sup> / <sub>16</sub>	24 <sup>5</sup> / <sub>8</sub>	4 <sup>3</sup> / <sub>4</sub>	84	EB3-130	3	5 <sup>1</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>8</sub>	1/2	2	11
80AFU22.2L 1Ø	3	15 <sup>5</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>2</sub>	23 <sup>1</sup> / <sub>4</sub>	25 <sup>3</sup> / <sub>16</sub>	4 <sup>3</sup> / <sub>4</sub>	88	EB3-130	3	5 <sup>1</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>8</sub>	1/2	2	11
80AFU21.5 3Ø	3	15 <sup>5</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	7 <sup>15</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>2</sub>	17 <sup>5</sup> / <sub>16</sub>	20 <sup>1</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	71	EB3-130	3	5 <sup>1</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>8</sub>	1/2	2	11
80AFU22.2 3Ø	3	15 <sup>5</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>4</sub>	7 <sup>15</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>2</sub>	17 <sup>5</sup> / <sub>16</sub>	20 <sup>1</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	75	EB3-130	3	5 <sup>1</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>8</sub>	1/2	2	11
80AFU21.5L 3Ø	3	15 <sup>5</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>2</sub>	20	22 <sup>1</sup> / <sub>2</sub>	4 <sup>3</sup> / <sub>4</sub>	75	EB3-130	3	5 <sup>1</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>8</sub>	1/2	2	11
80AFU22.2L 3Ø	3	15 <sup>5</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>2</sub>	20	22 <sup>1</sup> / <sub>2</sub>	4 <sup>3</sup> / <sub>4</sub>	79	EB3-130	3	5 <sup>1</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>8</sub>	1/2	2	11

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

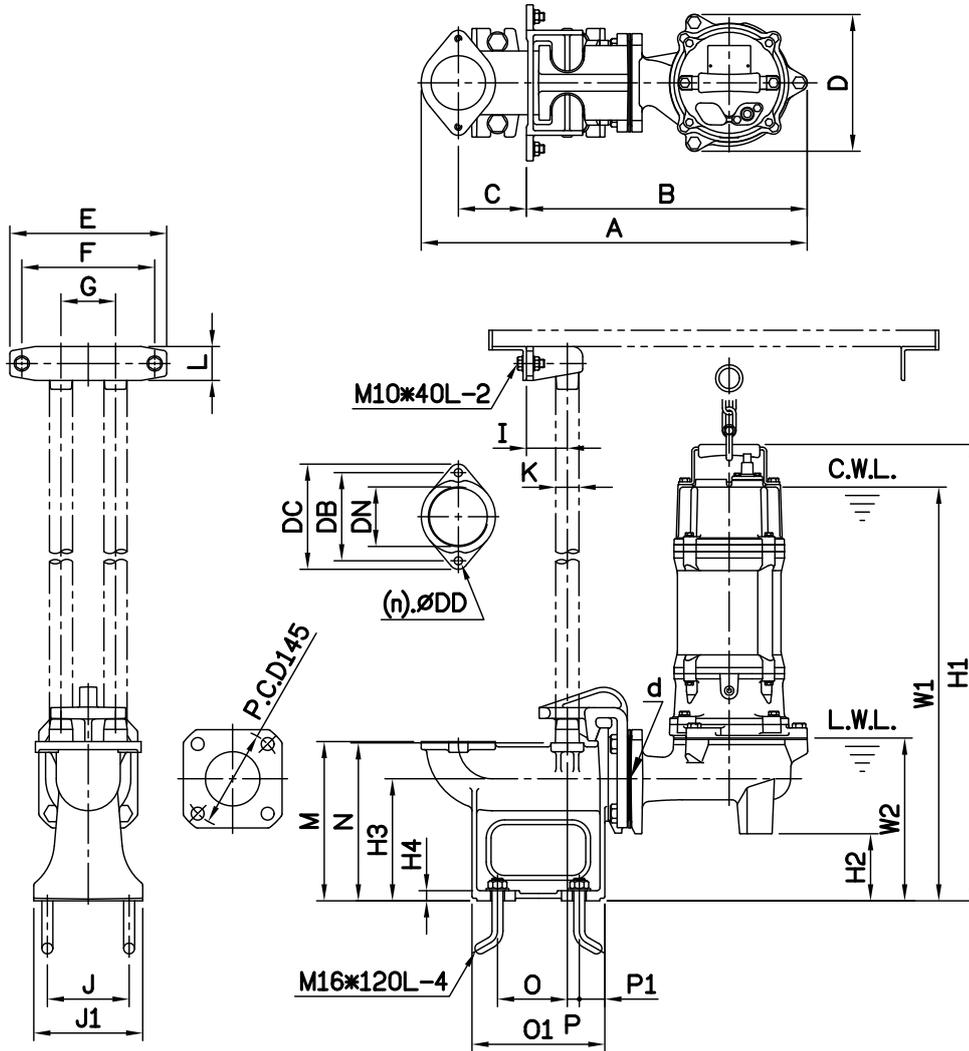
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

## DIMENSIONS

NO: T3AFU222032-00

MODEL: 80AFU21.5 / 22.2 / 21.5L / 22.2L

1Ø / 3Ø



Flange	
Female Thread	
PF	NPT

Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF3-130	80	130	155	12	2

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF3-130	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	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	Weight:kg	
																											GRS Set	WT2
80AFU21.5 1Ø	80	567	412	100	202	230	195	80	60	120	160	1 1/4"	50	235	233	103	195	18	38	610	239	673	99	180	15	35	T2-80	20
80AFU22.2 1Ø	80	567	412	100	202	230	195	80	60	120	160	1 1/4"	50	235	233	103	195	18	38	637	239	700	99	180	15	38	T2-80	20
80AFU21.5L 1Ø	80	572	417	100	221	230	195	80	60	120	160	1 1/4"	50	235	233	103	195	18	38	623	250	686	60	180	15	38	T2-80	20
80AFU22.2L 1Ø	80	572	417	100	221	230	195	80	60	120	160	1 1/4"	50	235	233	103	195	18	38	650	250	713	60	180	15	40	T2-80	20
80AFU21.5 3Ø	80	567	412	100	202	230	195	80	60	120	160	1 1/4"	50	235	233	103	195	18	38	555	239	618	99	180	15	32	T2-80	20
80AFU22.2 3Ø	80	567	412	100	202	230	195	80	60	120	160	1 1/4"	50	235	233	103	195	18	38	555	239	618	99	180	15	34	T2-80	20
80AFU21.5L 3Ø	80	572	417	100	221	230	195	80	60	120	160	1 1/4"	50	235	233	103	195	18	38	568	250	631	60	180	15	34	T2-80	20
80AFU22.2L 3Ø	80	572	417	100	221	230	195	80	60	120	160	1 1/4"	50	235	233	103	195	18	38	568	250	631	60	180	15	36	T2-80	20

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
80AFU21.5 1Ø	3	22 5/8	16 1/4	3 7/8	7 7/8	9 1/8	7 1/2	3 1/8	2 3/8	4 3/4	6 1/8	1 1/4	2	9 3/4	9 3/8	4 1/8	7 1/8	1 1/8	1 1/2	24	9 1/8	26 1/2	3 3/8	7 1/8	3/8	77	T2-80	43
80AFU22.2 1Ø	3	22 5/8	16 1/4	3 7/8	7 7/8	9 1/8	7 1/2	3 1/8	2 3/8	4 3/4	6 1/8	1 1/4	2	9 3/4	9 3/8	4 1/8	7 1/8	1 1/8	1 1/2	25 1/8	9 7/8	27 3/8	3 3/8	7 1/8	3/8	84	T2-80	43
80AFU21.5L 1Ø	3	22 1/2	16 1/8	3 15/16	8 1/2	9 1/8	7 1/2	3 3/8	2 3/8	4 3/4	6 1/8	1 1/4	2	9 3/4	9 3/8	4 1/8	7 1/8	1 1/8	1 1/2	24 1/2	9 13/16	27	2 3/8	7 1/8	3/8	84	T2-80	43
80AFU22.2L 1Ø	3	22 1/2	16 1/8	3 7/8	8 1/2	9 1/8	7 1/2	3 3/8	2 3/8	4 3/4	6 1/8	1 1/4	2	9 3/4	9 3/8	4 1/8	7 1/8	1 1/8	1 1/2	25 1/8	9 13/16	28 1/8	2 3/8	7 1/8	3/8	88	T2-80	43
80AFU21.5 3Ø	3	22 5/8	16 1/4	3 7/8	7 7/8	9 1/8	7 1/2	3 1/8	2 3/8	4 3/4	6 1/8	1 1/4	2	9 3/4	9 3/8	4 1/8	7 1/8	1 1/8	1 1/2	21 7/8	9 1/8	24 5/8	3 3/8	7 1/8	3/8	71	T2-80	43
80AFU22.2 3Ø	3	22 5/8	16 1/4	3 7/8	7 7/8	9 1/8	7 1/2	3 1/8	2 3/8	4 3/4	6 1/8	1 1/4	2	9 3/4	9 3/8	4 1/8	7 1/8	1 1/8	1 1/2	21 7/8	9 1/8	24 5/8	3 3/8	7 1/8	3/8	75	T2-80	43
80AFU21.5L 3Ø	3	22 1/2	16 1/8	3 7/8	8 1/2	9 1/8	7 1/2	3 3/8	2 3/8	4 3/4	6 1/8	1 1/4	2	9 3/4	9 3/8	4 1/8	7 1/8	1 1/8	1 1/2	22 3/8	9 13/16	24 1/8	2 3/8	7 1/8	3/8	75	T2-80	43
80AFU22.2L 3Ø	3	22 1/2	16 1/8	3 7/8	8 1/2	9 1/8	7 1/2	3 3/8	2 3/8	4 3/4	6 1/8	1 1/4	2	9 3/4	9 3/8	4 1/8	7 1/8	1 1/8	1 1/2	22 3/8	9 13/16	24 1/8	2 3/8	7 1/8	3/8	79	T2-80	43

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

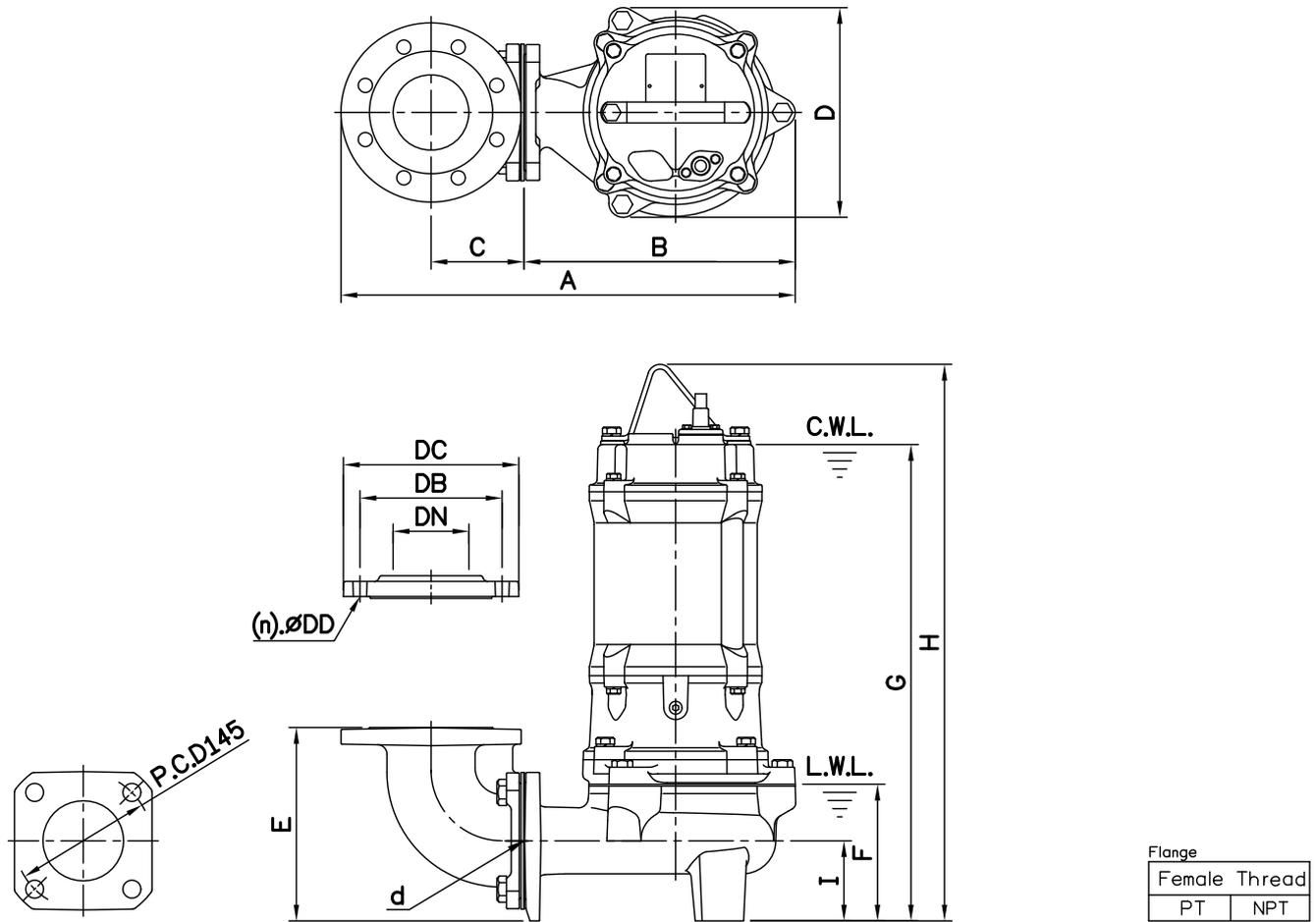
WT1:Pump Weight(Without Cable)  
WT2:GRS Set Weight

## DIMENSIONS

NO: S3AFU237A30-01

MODEL: 80AFU23.7A / 23.7LA

50Hz 3Ø



Dimensions-mm

Model	d	A	B	C	D	E	F	G	H	I	WT1	Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY	WT2
80AFU23.7A	80	481	286	103	222	205	145	505	590	85	46	EB3-150A	80	150	185	15	8	12
80AFU23.7LA	80	481	286	103	235	241	197	557	642	121	48	EB3-150A	80	150	185	15	8	12

Weight:kg

Dimensions-inch

Model	d	A	B	C	D	E	F	G	H	I	WT1	Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY	WT2
80AFU23.7A	3	18 <sup>7</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>16</sub>	8 <sup>7</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>16</sub>	19 <sup>1</sup> / <sub>8</sub>	23 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>16</sub>	101	EB3-150A	3	5 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>16</sub>	3 <sup>9</sup> / <sub>16</sub>	8	26
80AFU23.7LA	3	18 <sup>7</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>2</sub>	7 <sup>3</sup> / <sub>4</sub>	21 <sup>1</sup> / <sub>8</sub>	25 <sup>3</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	106	EB3-150A	3	5 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>16</sub>	3 <sup>9</sup> / <sub>16</sub>	8	26

Weight:lb

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

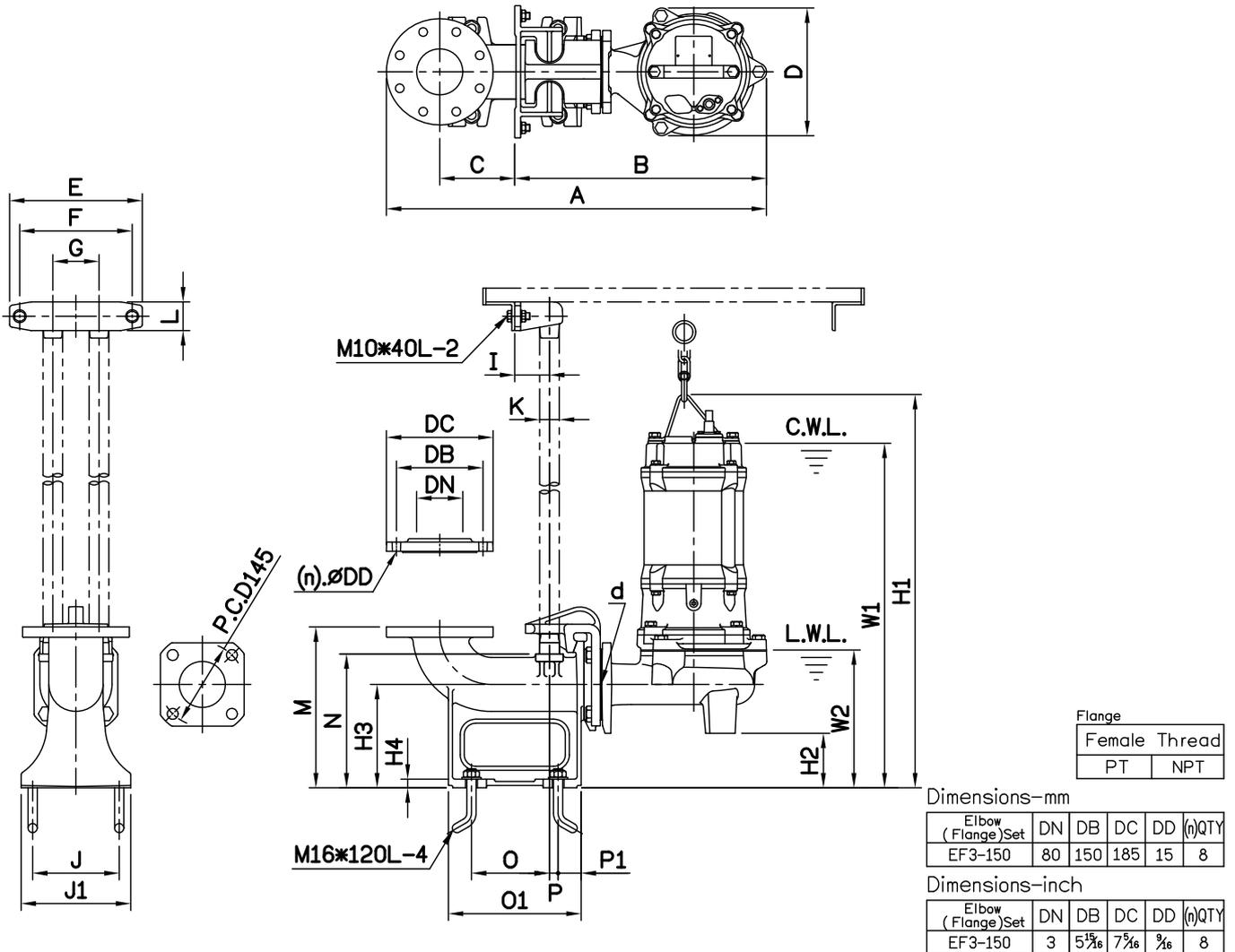
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

## DIMENSIONS

NO: T3AFU237A30-01

MODEL: 80AFU23.7A / 23.7LA

50Hz 3Ø



Dimensions-mm

Model	d	Dimensions (mm)																			Weight:kg							
		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
80AFU23.7A	80	662	439	130	222	230	195	80	60	150	190	1 <sup>1</sup> / <sub>4</sub>	50	280	233	135	230	15	40	600	240	685	95	180	15	46	T80D	27
80AFU23.7LA	80	662	439	130	235	230	195	80	60	150	190	1 <sup>1</sup> / <sub>4</sub>	50	280	233	135	230	15	40	616	256	701	59	180	15	48	T80D	27

Dimensions-inch

Model	d	Dimensions (inch)																			Weight:lb							
		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
80AFU23.7A	3	26 <sup>1</sup> / <sub>16</sub>	17 <sup>3</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	8 <sup>3</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	5 <sup>3</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	2	11	9 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>16</sub>	26 <sup>5</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	101	T80D	59
80AFU23.7LA	3	26 <sup>1</sup> / <sub>16</sub>	17 <sup>3</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	5 <sup>3</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	2	11	9 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	24 <sup>1</sup> / <sub>4</sub>	10 <sup>1</sup> / <sub>16</sub>	27 <sup>3</sup> / <sub>16</sub>	2 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	106	T80D	59

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

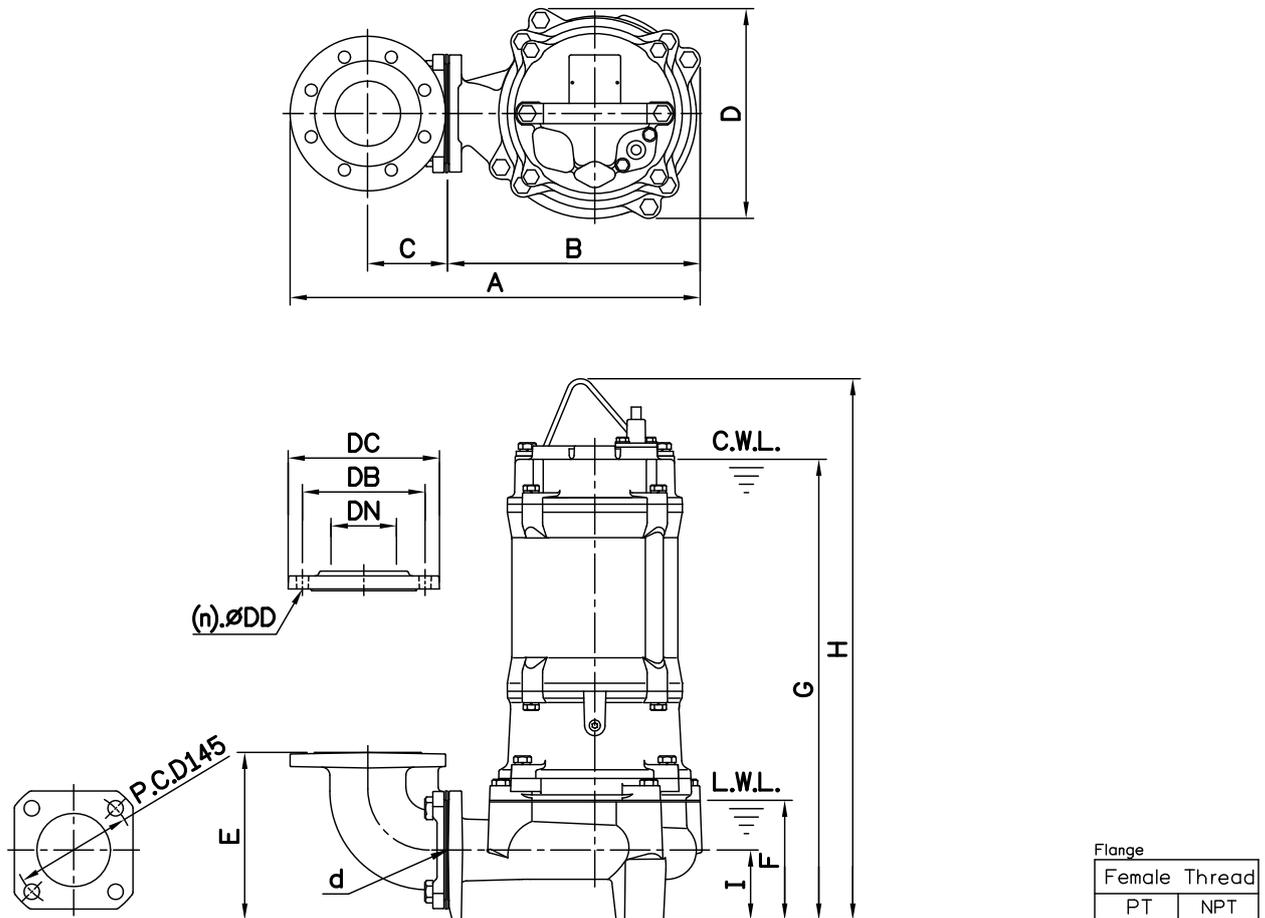
WT1:Pump Weight(Without Cable)  
WT2:GRS Set Weight

## DIMENSIONS

NO: S3AFU275030-00

MODEL: 80AFU25.5 / 27.5 / 25.5L / 27.5L

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
80AFU25.5	80	501	309	98	258	206	147	566	665	86	68	EB3-150A	80	150	185	15	8	12
80AFU27.5	80	501	309	98	258	206	147	566	665	86	74	EB3-150A	80	150	185	15	8	12
80AFU25.5L	80	506	314	98	273	242	199	618	717	122	70	EB3-150A	80	150	185	15	8	12
80AFU27.5L	80	506	314	98	273	242	199	618	717	122	76	EB3-150A	80	150	185	15	8	12

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
80AFU25.5	3	19 <sup>3</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>16</sub>	3 <sup>7</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>16</sub>	22 <sup>5</sup> / <sub>16</sub>	26 <sup>3</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>8</sub>	150	EB3-150A	3	5 <sup>5</sup> / <sub>16</sub>	7 <sup>5</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	8	26
80AFU27.5	3	19 <sup>3</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>16</sub>	3 <sup>7</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>16</sub>	22 <sup>5</sup> / <sub>16</sub>	26 <sup>3</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>8</sub>	163	EB3-150A	3	5 <sup>5</sup> / <sub>16</sub>	7 <sup>5</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	8	26
80AFU25.5L	3	19 <sup>5</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	3 <sup>7</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>16</sub>	24 <sup>5</sup> / <sub>16</sub>	28 <sup>3</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>8</sub>	154	EB3-150A	3	5 <sup>5</sup> / <sub>16</sub>	7 <sup>5</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	8	26
80AFU27.5L	3	19 <sup>5</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	3 <sup>7</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>16</sub>	24 <sup>5</sup> / <sub>16</sub>	28 <sup>3</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>8</sub>	168	EB3-150A	3	5 <sup>5</sup> / <sub>16</sub>	7 <sup>5</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	8	26

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

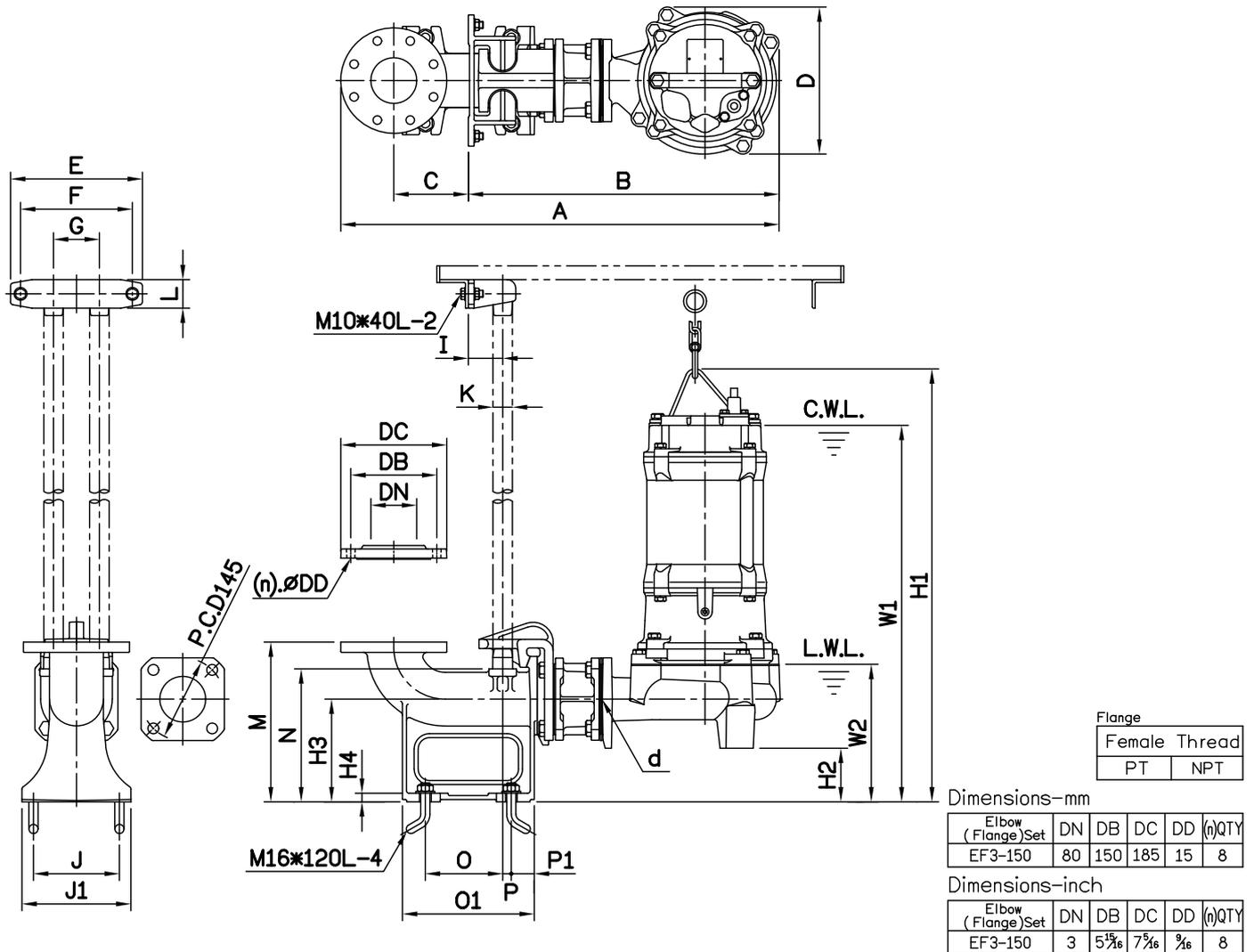
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

## DIMENSIONS

NO: T3AFU275030-00

MODEL: 80AFU25.5 / 27.5 / 25.5L / 27.5L

50Hz 3Ø



Dimensions—mm

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	Weight:kg	
																											GRS Set	WT2
80AFU25.5	80	764	542	130	258	230	195	80	60	150	190	1 <sup>1</sup> / <sub>4</sub>	50	280	233	135	230	15	40	660	241	759	94	180	15	68	T80DH	31
80AFU27.5	80	764	542	130	258	230	195	80	60	150	190	1 <sup>1</sup> / <sub>4</sub>	50	280	233	135	230	15	40	660	241	759	94	180	15	74	T80DH	31
80AFU25.5L	80	769	547	130	273	230	195	80	60	150	190	1 <sup>1</sup> / <sub>4</sub>	50	280	233	135	230	15	40	676	257	775	58	180	15	70	T80DH	31
80AFU27.5L	80	769	547	130	273	230	195	80	60	150	190	1 <sup>1</sup> / <sub>4</sub>	50	280	233	135	230	15	40	676	257	775	58	180	15	76	T80DH	31

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
80AFU25.5	3	30 <sup>1</sup> / <sub>16</sub>	21 <sup>5</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	10 <sup>3</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>16</sub>	5 <sup>15</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	2	11	9 <sup>9</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	26	9 <sup>1</sup> / <sub>2</sub>	29 <sup>7</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	150	T80DH	68
80AFU27.5	3	30 <sup>1</sup> / <sub>16</sub>	21 <sup>5</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	10 <sup>3</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>16</sub>	5 <sup>15</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	2	11	9 <sup>9</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	26	9 <sup>1</sup> / <sub>2</sub>	29 <sup>7</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	163	T80DH	68
80AFU25.5L	3	30 <sup>3</sup> / <sub>4</sub>	21 <sup>5</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	10 <sup>3</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>16</sub>	5 <sup>15</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	2	11	9 <sup>9</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	26 <sup>5</sup> / <sub>16</sub>	10 <sup>10</sup> / <sub>16</sub>	30 <sup>3</sup> / <sub>16</sub>	2 <sup>2</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	154	T80DH	68
80AFU27.5L	3	30 <sup>3</sup> / <sub>4</sub>	21 <sup>5</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	10 <sup>3</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>16</sub>	5 <sup>15</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	2	11	9 <sup>9</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	26 <sup>5</sup> / <sub>16</sub>	10 <sup>10</sup> / <sub>16</sub>	30 <sup>3</sup> / <sub>16</sub>	2 <sup>2</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	168	T80DH	68

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

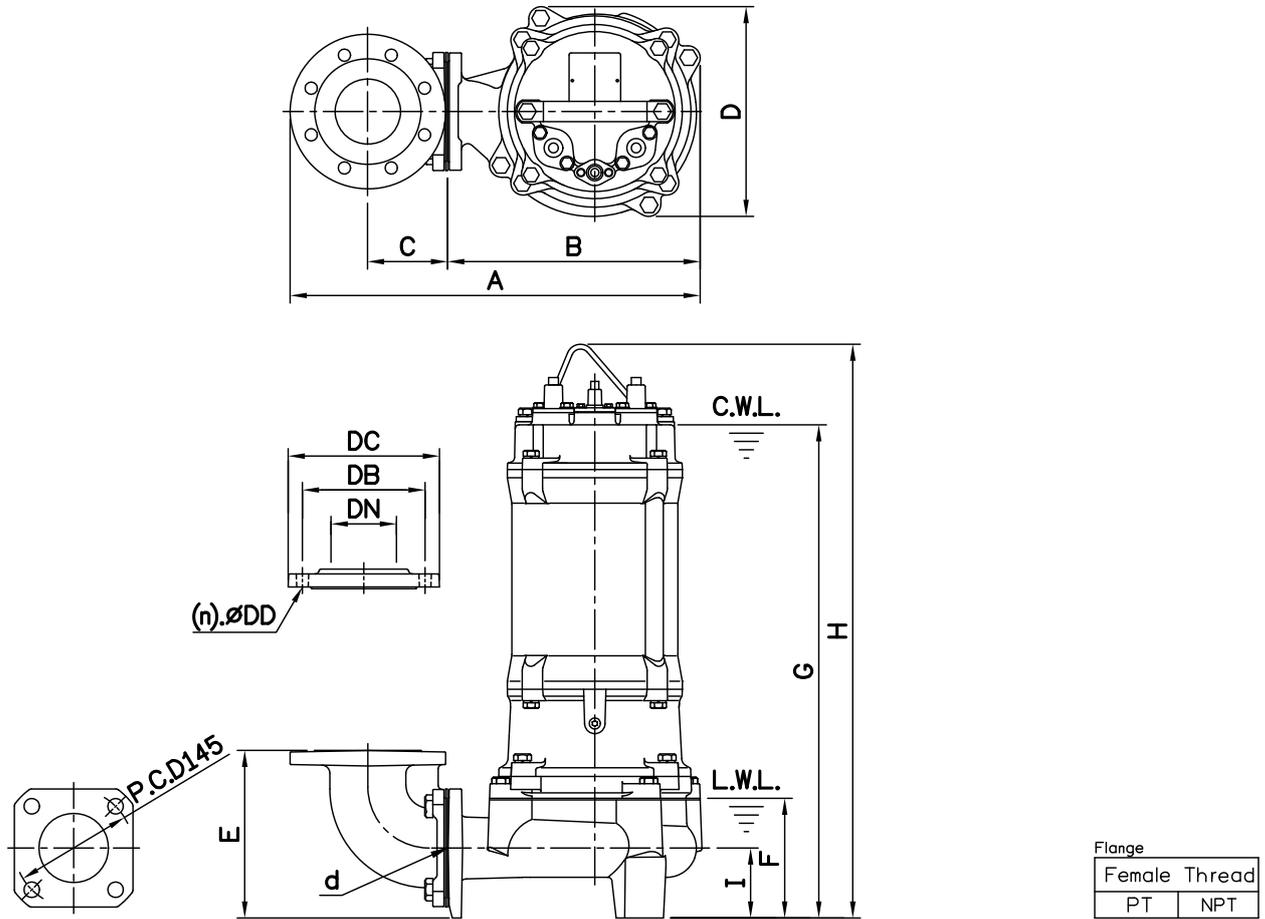
WT1:Pump Weight(Without Cable)  
WT2:GRS Set Weight

## DIMENSIONS

NO: S3AFU2A1030-00

MODEL: 80AFU211 / 211L

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
80AFU211	80	501	309	98	258	206	147	606	705	86	85	EB3-150A	80	150	185	15	8	12
80AFU211L	80	506	314	98	273	242	199	658	757	122	87	EB3-150A	80	150	185	15	8	12

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
80AFU211	3	19 <sup>3</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	3 <sup>7</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>8</sub>	5 <sup>3</sup> / <sub>8</sub>	23 <sup>7</sup> / <sub>8</sub>	27 <sup>3</sup> / <sub>4</sub>	3 <sup>3</sup> / <sub>8</sub>	187	EB3-150A	3	5 <sup>7</sup> / <sub>8</sub>	7 <sup>5</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>8</sub>	8	26
80AFU211L	3	19 <sup>7</sup> / <sub>8</sub>	12 <sup>5</sup> / <sub>8</sub>	3 <sup>7</sup> / <sub>8</sub>	10 <sup>3</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>2</sub>	7 <sup>7</sup> / <sub>8</sub>	25 <sup>3</sup> / <sub>8</sub>	29 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>8</sub>	192	EB3-150A	3	5 <sup>7</sup> / <sub>8</sub>	7 <sup>5</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>8</sub>	8	26

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

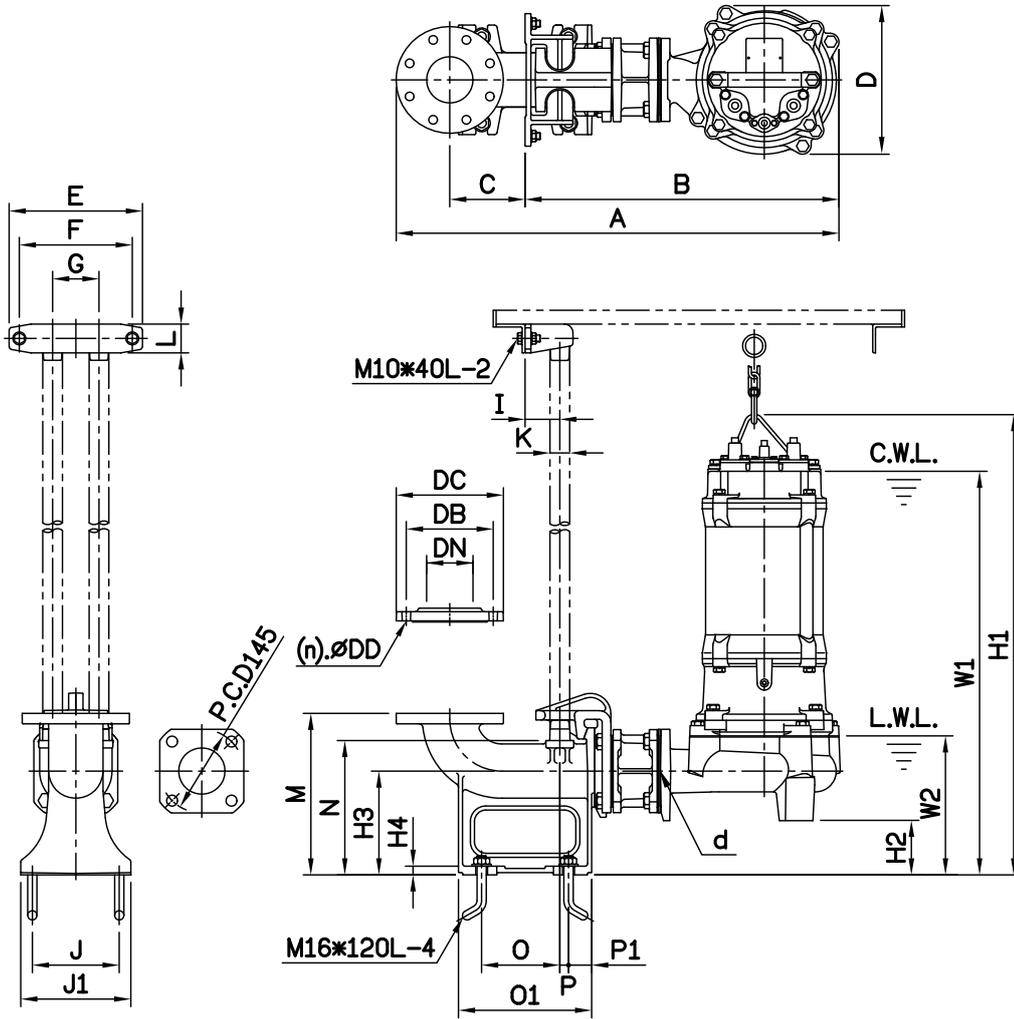
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

## DIMENSIONS

NO: T3AFU2A1030-00

MODEL: 80AFU211 / 211L

50Hz 3Ø



Flange	
Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF3-150	80	150	185	15	8

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF3-150	3	5 <sup>15</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	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
80AFU211	80	764	542	130	258	230	195	80	60	150	190	1 <sup>1</sup> / <sub>4</sub> "	50	280	233	135	230	15	40	700	241	799	94	180	15	85	T80DH	31
80AFU211L	80	769	547	130	273	230	195	80	60	150	190	1 <sup>1</sup> / <sub>4</sub> "	50	280	233	135	230	15	40	716	257	815	58	180	15	87	T80DH	31

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
80AFU211	3	30 <sup>3</sup> / <sub>16</sub>	21 <sup>15</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	10 <sup>3</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>16</sub>	5 <sup>15</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	2	11	9 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	27 <sup>3</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>2</sub>	31 <sup>1</sup> / <sub>16</sub>	3 <sup>15</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	<sup>1</sup> / <sub>16</sub>	187	T80DH	68
80AFU211L	3	30 <sup>3</sup> / <sub>16</sub>	21 <sup>15</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	10 <sup>3</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>16</sub>	5 <sup>15</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	2	11	9 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	28 <sup>7</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>2</sub>	32 <sup>1</sup> / <sub>16</sub>	2 <sup>15</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	<sup>1</sup> / <sub>16</sub>	192	T80DH	68

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

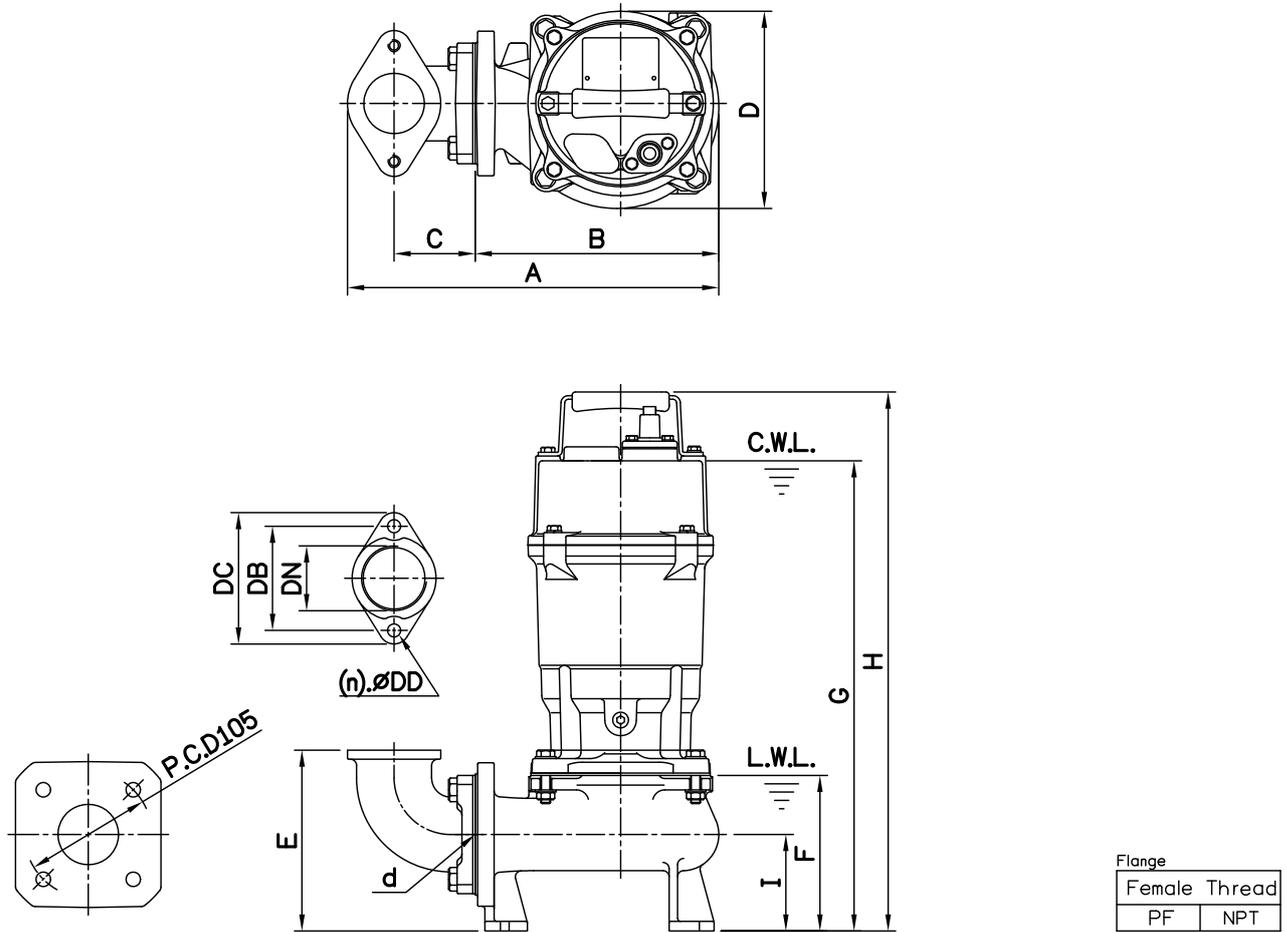
WT1:Pump Weight(Without Cable)  
WT2:GRS Set Weight

## DIMENSIONS

NO: S2AFU208L32-00

MODEL: 50AFU2.4L / 2.8L

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
50AFU2.4L 1Ø	50	307	201	67	164	150	130	390	447	80	20	EB2-96	50	96	121	12	2	3
50AFU2.4L 3Ø	50	307	201	67	164	150	130	390	447	80	19	EB2-96	50	96	121	12	2	3
50AFU2.8L 1Ø	50	307	201	67	164	150	130	390	447	80	22	EB2-96	50	96	121	12	2	3
50AFU2.8L 3Ø	50	307	201	67	164	150	130	390	447	80	21	EB2-96	50	96	121	12	2	3

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
50AFU2.4L 1Ø	2	12 <sup>3</sup> / <sub>16</sub>	7 <sup>15</sup> / <sub>16</sub>	2 <sup>5</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>8</sub>	15 <sup>3</sup> / <sub>8</sub>	17 <sup>5</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>8</sub>	44	EB2-96	2	3 <sup>3</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	1/2	2	7
50AFU2.4L 3Ø	2	12 <sup>3</sup> / <sub>16</sub>	7 <sup>15</sup> / <sub>16</sub>	2 <sup>5</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>8</sub>	15 <sup>3</sup> / <sub>8</sub>	17 <sup>5</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>8</sub>	42	EB2-96	2	3 <sup>3</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	1/2	2	7
50AFU2.8L 1Ø	2	12 <sup>3</sup> / <sub>16</sub>	7 <sup>15</sup> / <sub>16</sub>	2 <sup>5</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>8</sub>	15 <sup>3</sup> / <sub>8</sub>	17 <sup>5</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>8</sub>	49	EB2-96	2	3 <sup>3</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	1/2	2	7
50AFU2.8L 3Ø	2	12 <sup>3</sup> / <sub>16</sub>	7 <sup>15</sup> / <sub>16</sub>	2 <sup>5</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>8</sub>	15 <sup>3</sup> / <sub>8</sub>	17 <sup>5</sup> / <sub>8</sub>	3 <sup>1</sup> / <sub>8</sub>	46	EB2-96	2	3 <sup>3</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	1/2	2	7

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

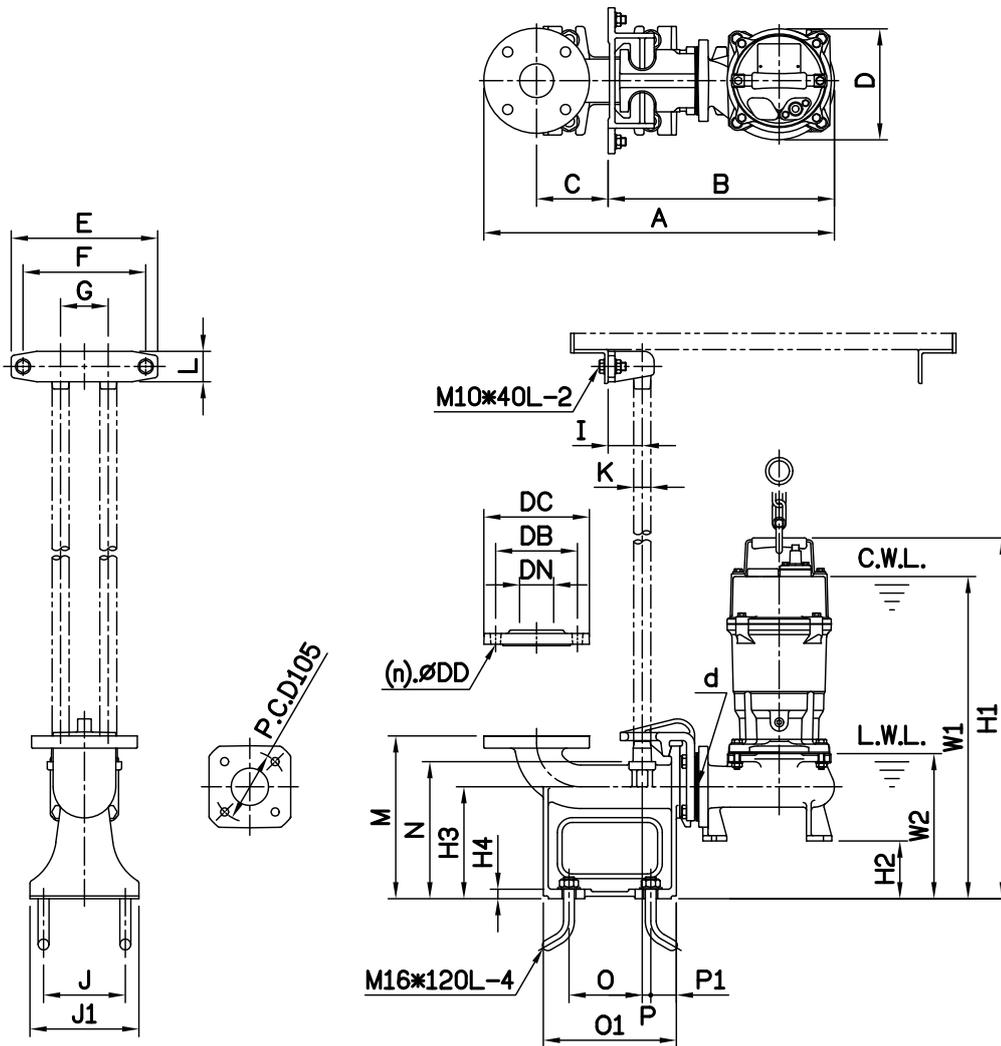
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

## DIMENSIONS

NO: T2AFU208L32-00

MODEL: 50AFU2.4L / 2.8L

1Ø / 3Ø



Flange	
Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF2-120	50	120	155	15	4

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF2-120	2	4 3/4	6 1/8	5/8	4

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
50AFU2.4L 1Ø	50	515	332	105	164	215	180	70	50	120	160	1"	45	240	202	108	195	13	38	475	215	532	85	165	14	20	T50F	17
50AFU2.4L 3Ø	50	515	332	105	164	215	180	70	50	120	160	1"	45	240	202	108	195	13	38	475	215	532	85	165	14	19	T50F	17
50AFU2.8L 1Ø	50	515	332	105	164	215	180	70	50	120	160	1"	45	240	202	108	195	13	38	475	215	532	85	165	14	22	T50F	17
50AFU2.8L 3Ø	50	515	332	105	164	215	180	70	50	120	160	1"	45	240	202	108	195	13	38	475	215	532	85	165	14	21	T50F	17

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
50AFU2.4L 1Ø	2	20 1/4	13 1/8	4 1/8	6 5/16	8 3/16	7 1/8	2 3/4	2	4 3/4	6 5/16	1	1 3/4	9 7/16	7 15/16	4 1/4	7 11/16	1/2	1 1/2	18 1/16	8 7/16	20 15/16	3 3/8	6 1/2	5/16	44	T50F	37
50AFU2.4L 3Ø	2	20 1/4	13 1/8	4 1/8	6 5/16	8 3/16	7 1/8	2 3/4	2	4 3/4	6 5/16	1	1 3/4	9 7/16	7 15/16	4 1/4	7 11/16	1/2	1 1/2	18 1/16	8 7/16	20 15/16	3 3/8	6 1/2	5/16	42	T50F	37
50AFU2.8L 1Ø	2	20 1/4	13 1/8	4 1/8	6 5/16	8 3/16	7 1/8	2 3/4	2	4 3/4	6 5/16	1	1 3/4	9 7/16	7 15/16	4 1/4	7 11/16	1/2	1 1/2	18 1/16	8 7/16	20 15/16	3 3/8	6 1/2	5/16	49	T50F	37
50AFU2.8L 3Ø	2	20 1/4	13 1/8	4 1/8	6 5/16	8 3/16	7 1/8	2 3/4	2	4 3/4	6 5/16	1	1 3/4	9 7/16	7 15/16	4 1/4	7 11/16	1/2	1 1/2	18 1/16	8 7/16	20 15/16	3 3/8	6 1/2	5/16	46	T50F	37

Weight:lb

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

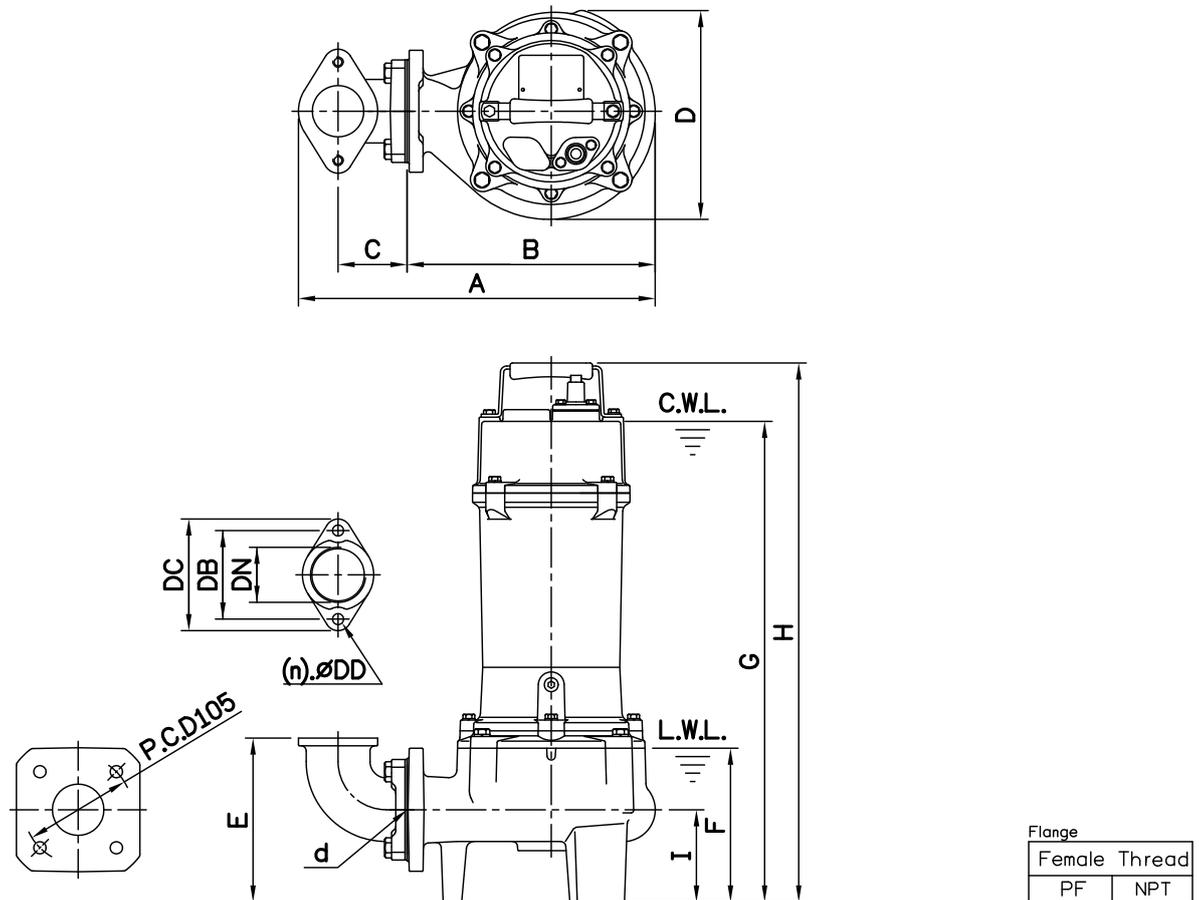
WT1:Pump Weight(Without Cable)  
WT2:GRS Set Weight

## DIMENSIONS

NO: S2AFU408032-00

MODEL: 50AFU4.4 / 4.8

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
50AFU4.4 1Ø	50	347	241	67	204	160	150	469	526	90	30	EB2-96	50	96	121	12	2	3
50AFU4.4 3Ø	50	347	241	67	204	160	150	469	526	90	28	EB2-96	50	96	121	12	2	3
50AFU4.8 1Ø	50	347	241	67	204	160	150	469	526	90	30	EB2-96	50	96	121	12	2	3
50AFU4.8 3Ø	50	347	241	67	204	160	150	469	526	90	29	EB2-96	50	96	121	12	2	3

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
50AFU4.4 1Ø	2	13 <sup>3</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>2</sub>	2 <sup>5</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>8</sub>	18 <sup>7</sup> / <sub>16</sub>	20 <sup>1</sup> / <sub>16</sub>	3 <sup>9</sup> / <sub>16</sub>	66	EB2-96	2	3 <sup>3</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	1/2	2	7
50AFU4.4 3Ø	2	13 <sup>3</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>2</sub>	2 <sup>5</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>8</sub>	18 <sup>7</sup> / <sub>16</sub>	20 <sup>1</sup> / <sub>16</sub>	3 <sup>9</sup> / <sub>16</sub>	62	EB2-96	2	3 <sup>3</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	1/2	2	7
50AFU4.8 1Ø	2	13 <sup>3</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>2</sub>	2 <sup>5</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>8</sub>	18 <sup>7</sup> / <sub>16</sub>	20 <sup>1</sup> / <sub>16</sub>	3 <sup>9</sup> / <sub>16</sub>	66	EB2-96	2	3 <sup>3</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	1/2	2	7
50AFU4.8 3Ø	2	13 <sup>3</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>2</sub>	2 <sup>5</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>8</sub>	18 <sup>7</sup> / <sub>16</sub>	20 <sup>1</sup> / <sub>16</sub>	3 <sup>9</sup> / <sub>16</sub>	64	EB2-96	2	3 <sup>3</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	1/2	2	7

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

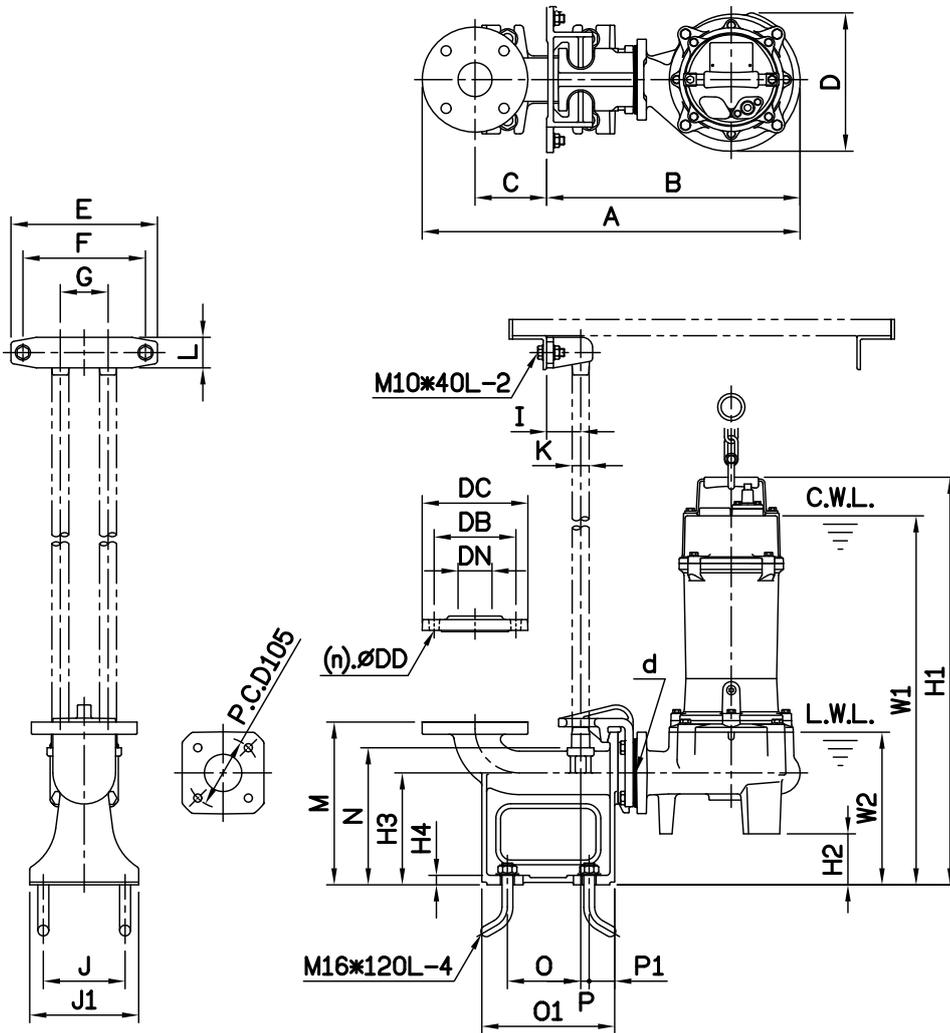
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

## DIMENSIONS

NO: T2AFU408032-00

MODEL: 50AFU4.4 / 4.8

1Ø / 3Ø



Flange	
Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF2-120	50	120	155	15	4

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF2-120	2	4 3/4	6 1/8	3/8	4

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
50AFU4.4 1Ø	50	555	372	105	204	215	180	70	50	120	160	1"	45	240	202	108	195	13	38	544	225	601	75	165	14	30	T50F	17
50AFU4.4 3Ø	50	555	372	105	204	215	180	70	50	120	160	1"	45	240	202	108	195	13	38	544	225	601	75	165	14	28	T50F	17
50AFU4.8 1Ø	50	555	372	105	204	215	180	70	50	120	160	1"	45	240	202	108	195	13	38	544	225	601	75	165	14	30	T50F	17
50AFU4.8 3Ø	50	555	372	105	204	215	180	70	50	120	160	1"	45	240	202	108	195	13	38	544	225	601	75	165	14	29	T50F	17

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
50AFU4.4 1Ø	2	21 7/8	14 5/8	4 1/8	8 1/16	8 7/16	7 1/16	2 3/4	2	4 3/4	6 5/16	1	1 3/4	9 7/16	7 15/16	4 1/4	7 11/16	1/2	1 1/2	21 7/16	8 7/8	23 11/16	2 15/16	6 1/2	3/16	66	T50F	37
50AFU4.4 3Ø	2	21 7/8	14 5/8	4 1/8	8 1/16	8 7/16	7 1/16	2 3/4	2	4 3/4	6 5/16	1	1 3/4	9 7/16	7 15/16	4 1/4	7 11/16	1/2	1 1/2	21 7/16	8 7/8	23 11/16	2 15/16	6 1/2	3/16	62	T50F	37
50AFU4.8 1Ø	2	21 7/8	14 5/8	4 1/8	8 1/16	8 7/16	7 1/16	2 3/4	2	4 3/4	6 5/16	1	1 3/4	9 7/16	7 15/16	4 1/4	7 11/16	1/2	1 1/2	21 7/16	8 7/8	23 11/16	2 15/16	6 1/2	3/16	66	T50F	37
50AFU4.8 3Ø	2	21 7/8	14 5/8	4 1/8	8 1/16	8 7/16	7 1/16	2 3/4	2	4 3/4	6 5/16	1	1 3/4	9 7/16	7 15/16	4 1/4	7 11/16	1/2	1 1/2	21 7/16	8 7/8	23 11/16	2 15/16	6 1/2	3/16	64	T50F	37

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

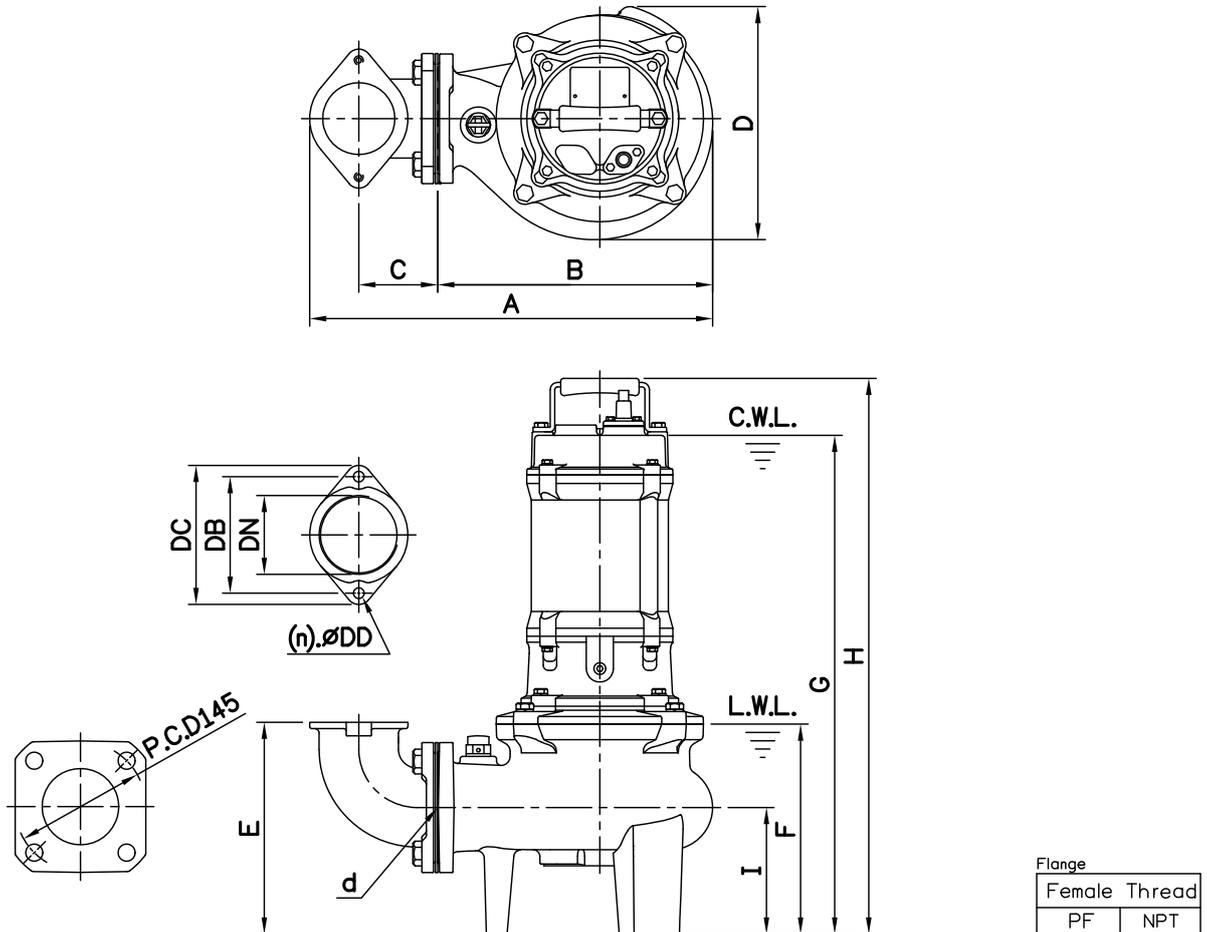
WT1:Pump Weight(Without Cable)  
WT2:GRS Set Weight

## DIMENSIONS

NO: S3AFU415032-10

MODEL: 80AFU41.5

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
80AFU41.5 1Ø	80	447	305	88	260	236	234	634	697	141	46	EB3-130	80	130	155	12	2	5
80AFU41.5 3Ø	80	447	305	88	260	236	234	556	620	141	46	EB3-130	80	130	155	12	2	5

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
80AFU41.5 1Ø	3	17 <sup>7</sup> / <sub>8</sub>	12	3 <sup>7</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>4</sub>	9 <sup>3</sup> / <sub>16</sub>	9 <sup>3</sup> / <sub>16</sub>	24 <sup>3</sup> / <sub>16</sub>	27 <sup>1</sup> / <sub>16</sub>	5 <sup>9</sup> / <sub>16</sub>	101	EB3-130	3	5 <sup>1</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>8</sub>	½	2	11
80AFU41.5 3Ø	3	17 <sup>7</sup> / <sub>8</sub>	12	3 <sup>7</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>4</sub>	9 <sup>5</sup> / <sub>16</sub>	9 <sup>3</sup> / <sub>16</sub>	21 <sup>7</sup> / <sub>8</sub>	24 <sup>7</sup> / <sub>16</sub>	5 <sup>9</sup> / <sub>16</sub>	101	EB3-130	3	5 <sup>1</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>8</sub>	½	2	11

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

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

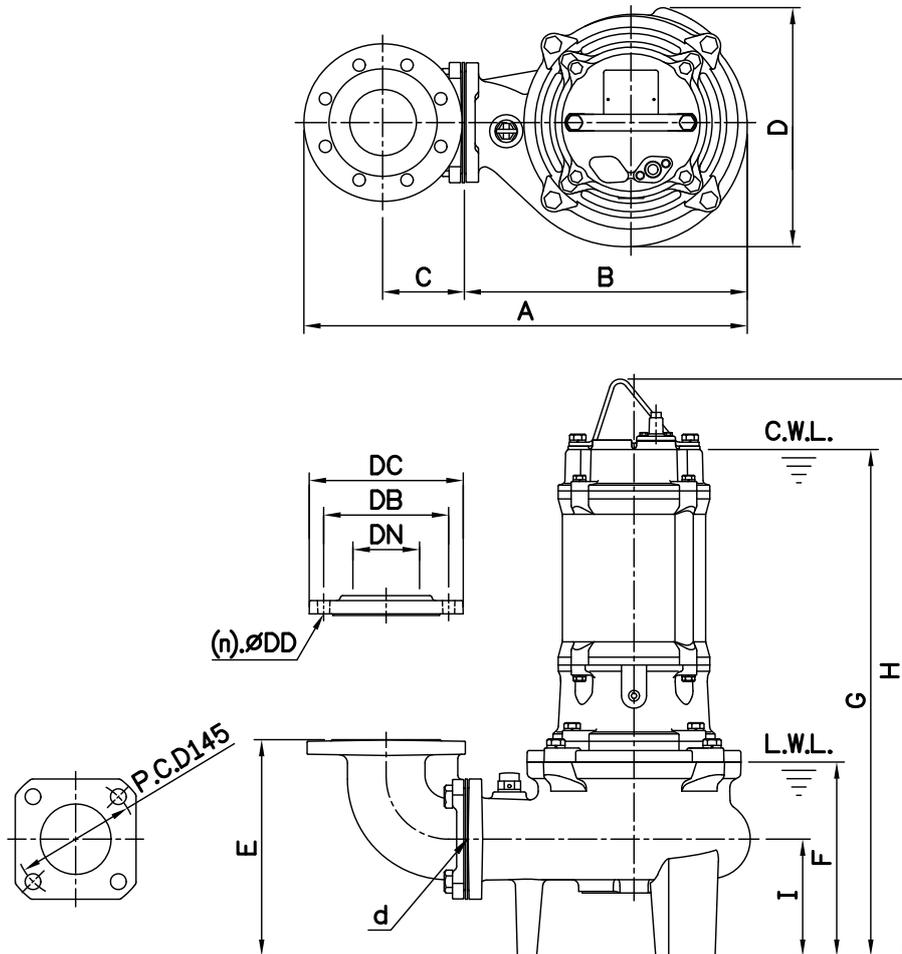


## DIMENSIONS

NO: S3AFU437030-12

MODEL: 80AFU42.2 / 43.7

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	
80AFU42.2	3Ø	80	532	340	98	288	261	234	576	661	141	57	EB3-150A	80	150	185	15	8	12
80AFU43.7	3Ø	80	532	340	98	288	261	234	611	696	141	66	EB3-150A	80	150	185	15	8	12

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	
80AFU42.2	3Ø	3	20 <sup>7</sup> / <sub>16</sub>	13 <sup>3</sup> / <sub>16</sub>	3 <sup>7</sup> / <sub>16</sub>	11 <sup>5</sup> / <sub>16</sub>	10 <sup>3</sup> / <sub>4</sub>	9 <sup>3</sup> / <sub>16</sub>	22 <sup>7</sup> / <sub>16</sub>	26	5 <sup>9</sup> / <sub>16</sub>	126	EB3-150A	3	5 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	8	26
80AFU43.7	3Ø	3	20 <sup>15</sup> / <sub>16</sub>	13 <sup>3</sup> / <sub>16</sub>	3 <sup>7</sup> / <sub>16</sub>	11 <sup>5</sup> / <sub>16</sub>	10 <sup>3</sup> / <sub>4</sub>	9 <sup>3</sup> / <sub>16</sub>	24 <sup>1</sup> / <sub>16</sub>	27 <sup>3</sup> / <sub>16</sub>	5 <sup>9</sup> / <sub>16</sub>	146	EB3-150A	3	5 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	8	26

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

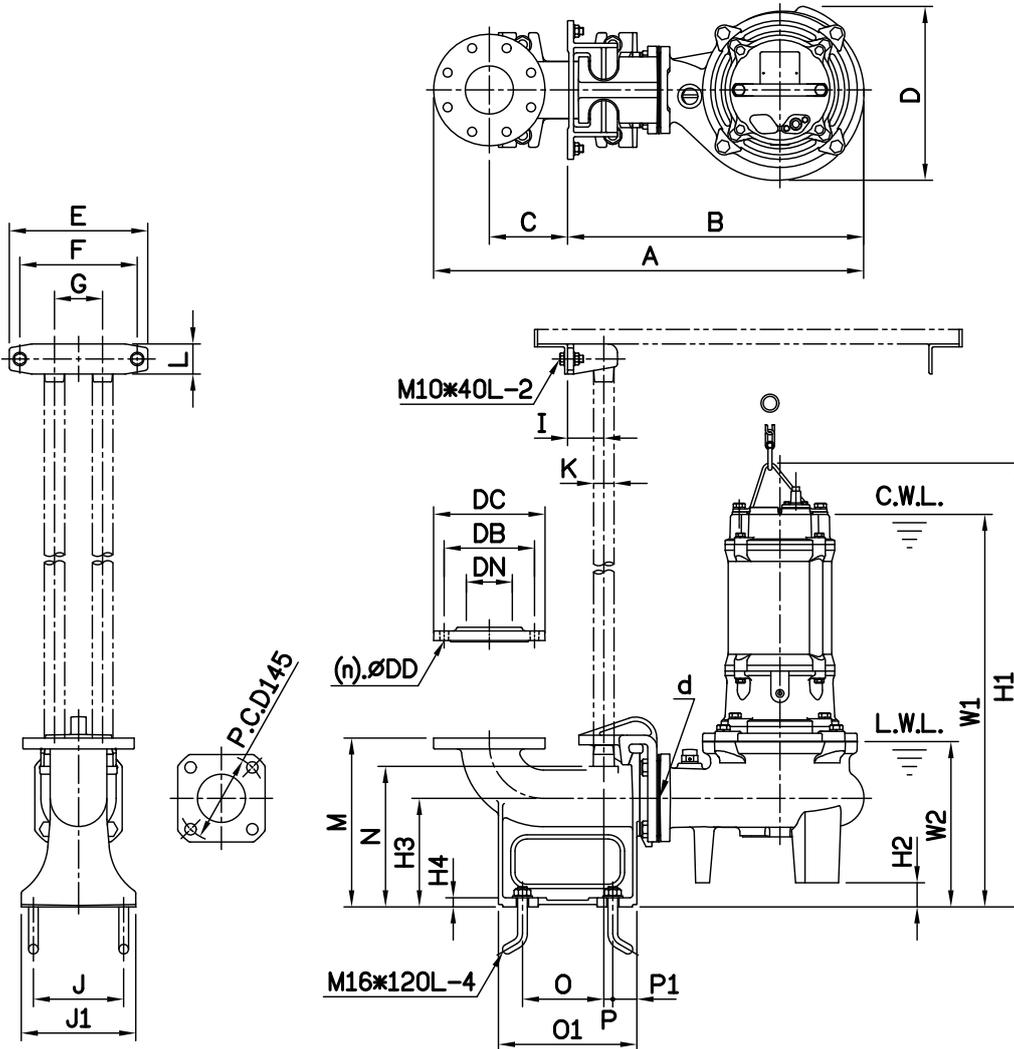
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

## DIMENSIONS

NO: T3AFU437030-12

MODEL: 80AFU42.2 / 43.7

50Hz 3Ø



Flange	
Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF3-150	80	150	185	15	8

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF3-150	3	5 7/8	7 3/8	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	
80AFU42.2	3Ø	80	712	490	130	288	230	195	80	60	150	190	1 1/4"	50	280	233	135	230	15	40	616	274	701	40	180	15	57	T80D	27
80AFU43.7	3Ø	80	712	490	130	288	230	195	80	60	150	190	1 1/4"	50	280	233	135	230	15	40	651	274	736	40	180	15	66	T80D	27

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	
80AFU42.2	3Ø	3	28 1/8	19 3/4	5 1/8	11 1/8	9 1/8	7 1/8	3 1/8	2 3/8	5 7/8	7 1/2	1 1/4	2	11	9 3/8	5 1/8	9 1/8	1 1/8	1 1/8	24 1/4	10 3/8	27 3/8	1 1/8	7 1/8	5/8	126	T80D	60
80AFU43.7	3Ø	3	28 1/8	19 3/4	5 1/8	11 1/8	9 1/8	7 1/8	3 1/8	2 3/8	5 7/8	7 1/2	1 1/4	2	11	9 3/8	5 1/8	9 1/8	1 1/8	1 1/8	25 3/8	10 3/8	29	1 1/8	7 1/8	5/8	146	T80D	60

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

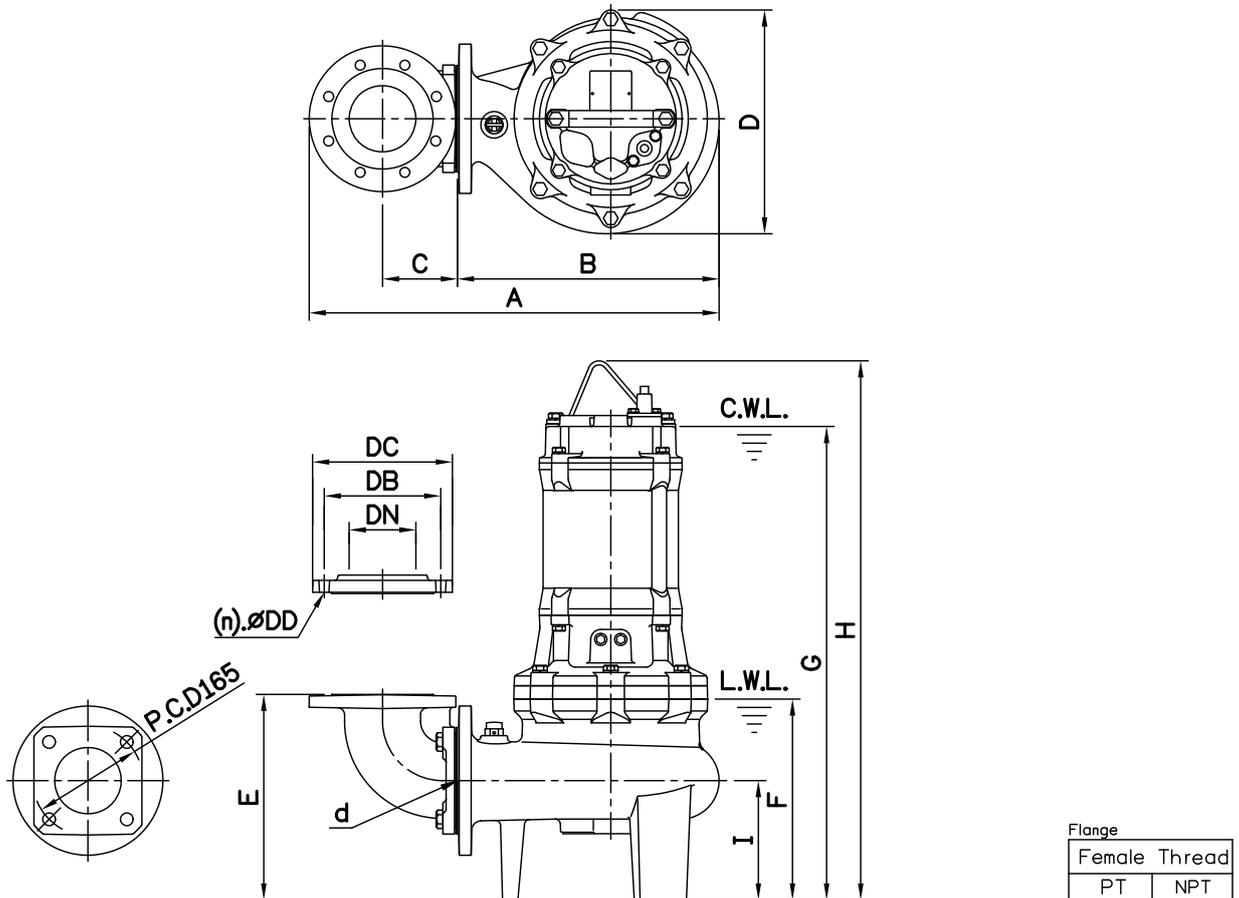
WT1:Pump Weight(Without Cable)  
WT2:GRS Set Weight

## DIMENSIONS

NO: S4AFU475030-00

MODEL: 100AFU45.5 / 47.5

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
100AFU45.5	100	615	393	113	337	310	303	714	813	180	96	EB4-175A	100	175	210	15	8	13
100AFU47.5	100	615	393	113	337	310	303	754	853	180	105	EB4-175A	100	175	210	15	8	13

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
100AFU45.5	4	24 <sup>3</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>16</sub>	4 <sup>7</sup> / <sub>16</sub>	13 <sup>3</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	28 <sup>7</sup> / <sub>16</sub>	32	7 <sup>7</sup> / <sub>16</sub>	212	EB4-175A	4	6 <sup>3</sup> / <sub>4</sub>	8 <sup>3</sup> / <sub>4</sub>	<sup>9</sup> / <sub>16</sub>	8	29
100AFU47.5	4	24 <sup>3</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>16</sub>	4 <sup>7</sup> / <sub>16</sub>	13 <sup>3</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	29 <sup>1</sup> / <sub>16</sub>	33 <sup>3</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	231	EB4-175A	4	6 <sup>3</sup> / <sub>4</sub>	8 <sup>3</sup> / <sub>4</sub>	<sup>9</sup> / <sub>16</sub>	8	29

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

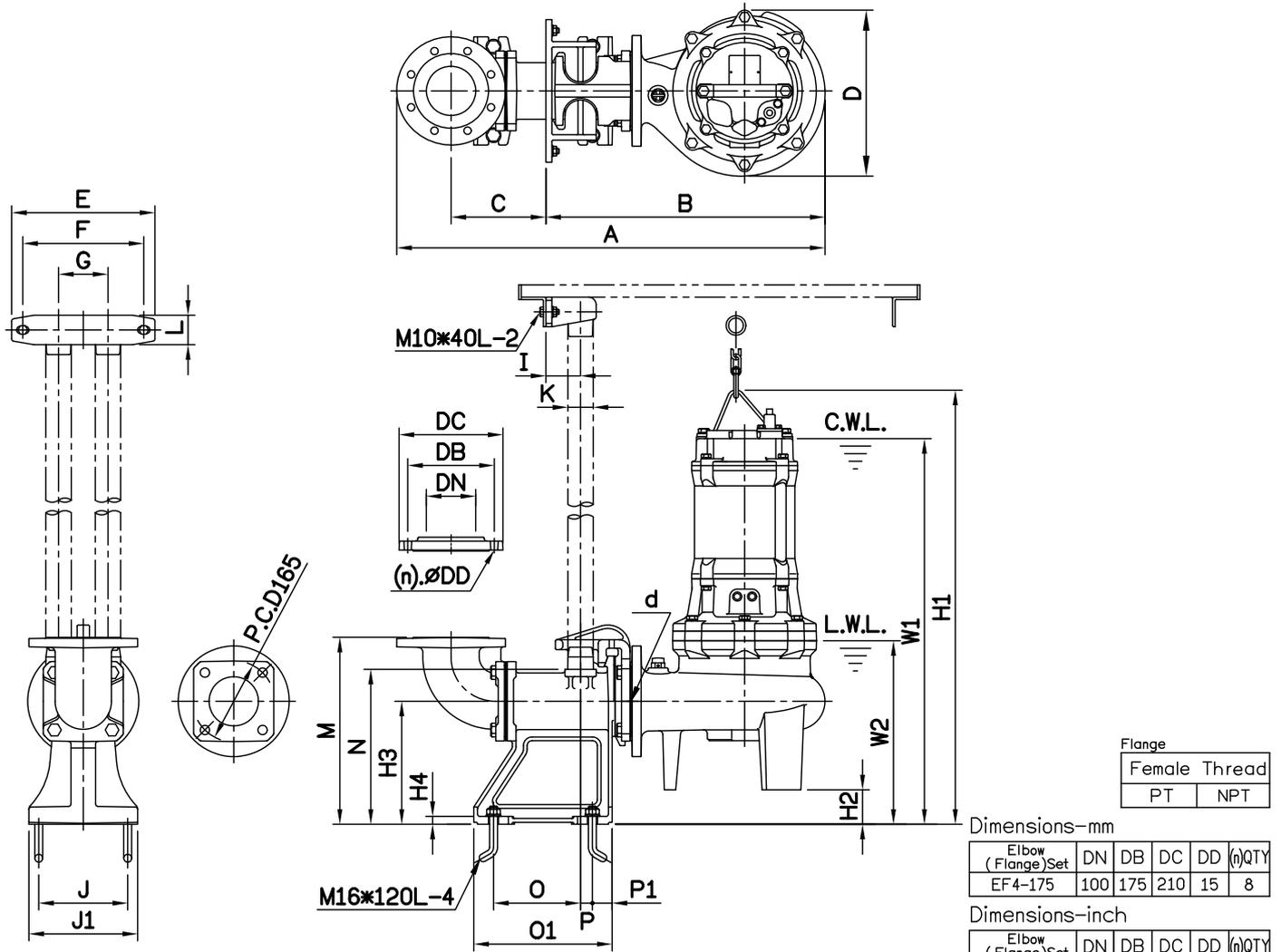
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

## DIMENSIONS

NO: T4AFU475030-00

MODEL: 100AFU45.5 / 47.5

50Hz 3Ø



Flange	
Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF4-175	100	175	210	15	8

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF4-175	4	6 <sup>7</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>4</sub>	<sup>3</sup> / <sub>16</sub>	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
100AFU45.5	100	869	567	192	337	290	245	100	70	180	220	2"	60	380	315	176	280	24	40	784	373	883	70	250	16	96	T100B	45
100AFU47.5	100	869	567	192	337	290	245	100	70	180	220	2"	60	380	315	176	280	24	40	824	373	923	70	250	16	105	T100B	45

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
100AFU45.5	4	34 <sup>3</sup> / <sub>8</sub>	22 <sup>1</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	13 <sup>1</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>8</sub>	9 <sup>5</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>	2	2 <sup>3</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>8</sub>	11	1 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>8</sub>	30 <sup>3</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>8</sub>	34 <sup>3</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>8</sub>	<sup>5</sup> / <sub>8</sub>	212	T100B	99
100AFU47.5	4	34 <sup>3</sup> / <sub>8</sub>	22 <sup>1</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	13 <sup>1</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>8</sub>	9 <sup>5</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>8</sub>	2	2 <sup>3</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>8</sub>	11	1 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>8</sub>	32 <sup>1</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>8</sub>	36 <sup>3</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>8</sub>	<sup>5</sup> / <sub>8</sub>	231	T100B	99

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

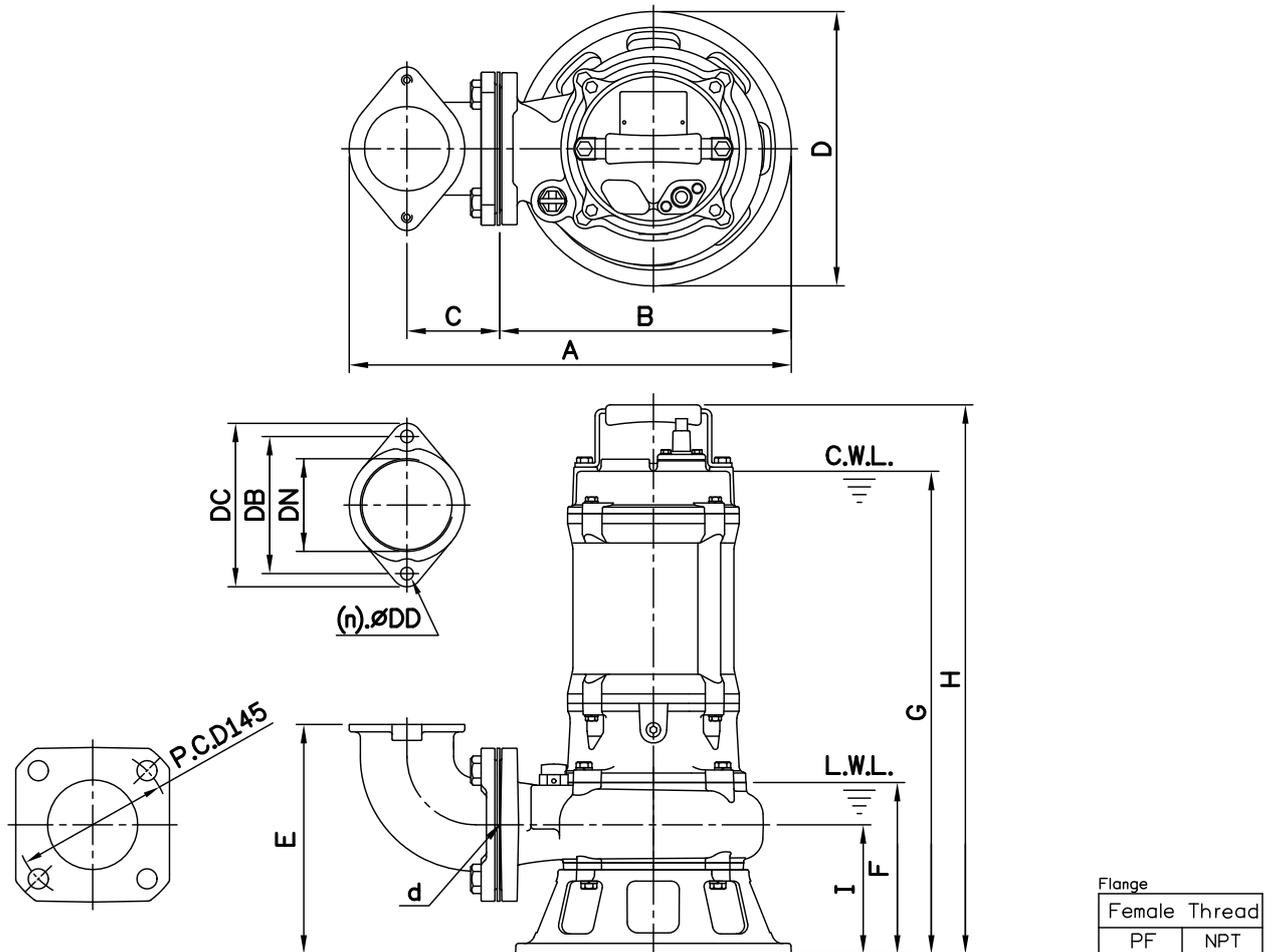
WT1:Pump Weight(Without Cable)  
WT2:GRS Set Weight

## DIMENSIONS

NO: S3AFP222032-01

MODEL: 80AFP21.5 / 22.2

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
80AFP21.5 1Ø	80	417	275	88	260	218	163	513	576	123	37	EB3-130	80	130	155	12	2	5
80AFP21.5 3Ø	80	417	275	88	260	218	163	458	521	123	33	EB3-130	80	130	155	12	2	5
80AFP22.2 1Ø	80	417	275	88	260	218	163	540	603	123	40	EB3-130	80	130	155	12	2	5
80AFP22.2 3Ø	80	417	275	88	260	218	163	458	521	123	35	EB3-130	80	130	155	12	2	5

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
80AFP21.5 1Ø	3	16 <sup>1</sup> / <sub>16</sub>	10 <sup>3</sup> / <sub>16</sub>	3 <sup>7</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>4</sub>	8 <sup>9</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	20 <sup>3</sup> / <sub>16</sub>	22 <sup>1</sup> / <sub>16</sub>	4 <sup>13</sup> / <sub>16</sub>	82	EB3-130	3	5 <sup>1</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>8</sub>	1/2	2	11
80AFP21.5 3Ø	3	16 <sup>1</sup> / <sub>16</sub>	10 <sup>3</sup> / <sub>16</sub>	3 <sup>7</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>4</sub>	8 <sup>9</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	18 <sup>1</sup> / <sub>16</sub>	20 <sup>1</sup> / <sub>2</sub>	4 <sup>13</sup> / <sub>16</sub>	73	EB3-130	3	5 <sup>1</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>8</sub>	1/2	2	11
80AFP22.2 1Ø	3	16 <sup>1</sup> / <sub>16</sub>	10 <sup>3</sup> / <sub>16</sub>	3 <sup>7</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>4</sub>	8 <sup>9</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	21 <sup>1</sup> / <sub>4</sub>	23 <sup>3</sup> / <sub>4</sub>	4 <sup>13</sup> / <sub>16</sub>	88	EB3-130	3	5 <sup>1</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>8</sub>	1/2	2	11
80AFP22.2 3Ø	3	16 <sup>1</sup> / <sub>16</sub>	10 <sup>3</sup> / <sub>16</sub>	3 <sup>7</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>4</sub>	8 <sup>9</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	18 <sup>1</sup> / <sub>16</sub>	20 <sup>1</sup> / <sub>2</sub>	4 <sup>13</sup> / <sub>16</sub>	77	EB3-130	3	5 <sup>1</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>8</sub>	1/2	2	11

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

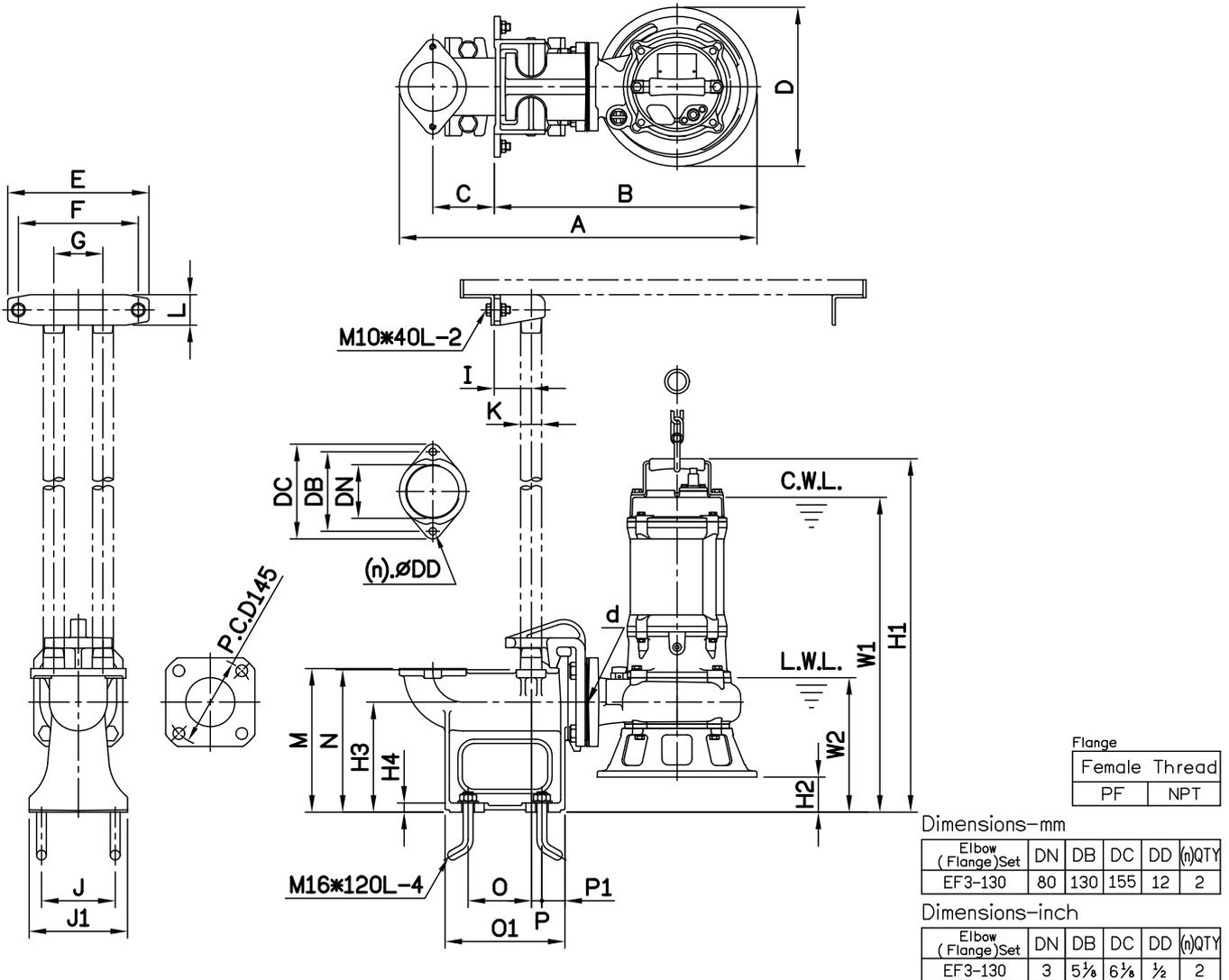
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

## DIMENSIONS

NO: T3AFP222032-01

MODEL: 80AFP21.5 / 22.2

1Ø / 3Ø



Flange	
Female Thread	
PF	NPT

Dimensions—mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
EF3-130	80	130	155	12	2

Dimensions—inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
EF3-130	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	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	GRS Set	WT2
80AFP21.5 1Ø	80	582	428	100	260	230	195	80	60	120	160	1 1/4	50	235	233	103	195	18	38	570	220	633	57	180	15	37	T2-80	20
80AFP22.2 1Ø	80	582	428	100	260	230	195	80	60	120	160	1 1/4	50	235	233	103	195	18	38	597	220	660	57	180	15	40	T2-80	20
80AFP21.5 3Ø	80	582	428	100	260	230	195	80	60	120	160	1 1/4	50	235	233	103	195	18	38	515	220	578	57	180	15	33	T2-80	20
80AFP22.2 3Ø	80	582	428	100	260	230	195	80	60	120	160	1 1/4	50	235	233	103	195	18	38	515	220	578	57	180	15	35	T2-80	20

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
80AFP21.5 1Ø	3	22 7/8	16 7/8	3 15/16	10 1/4	9 1/16	7 11/16	3 1/8	2 3/8	4 3/4	6 1/16	1 1/4	1 15/16	9 1/4	9 3/16	4 1/16	7 11/16	1 1/16	1 1/2	22 7/16	8 11/16	24 15/16	2 1/4	7 1/16	9/16	82	T2-80	43
80AFP22.2 1Ø	3	22 7/8	16 7/8	3 15/16	10 1/4	9 1/16	7 11/16	3 1/8	2 3/8	4 3/4	6 1/16	1 1/4	1 15/16	9 1/4	9 3/16	4 1/16	7 11/16	1 1/16	1 1/2	23 1/2	8 11/16	26	2 1/4	7 1/16	9/16	88	T2-80	43
80AFP21.5 3Ø	3	22 7/8	16 7/8	3 15/16	10 1/4	9 1/16	7 11/16	3 1/8	2 3/8	4 3/4	6 1/16	1 1/4	2	9 1/4	9 3/16	4 1/16	7 11/16	1 1/16	1 1/2	20 3/4	8 11/16	22 3/4	2 1/4	7 1/16	9/16	73	T2-80	43
80AFP22.2 3Ø	3	22 7/8	16 7/8	3 15/16	10 1/4	9 1/16	7 11/16	3 1/8	2 3/8	4 3/4	6 1/16	1 1/4	2	9 1/4	9 3/16	4 1/16	7 11/16	1 1/16	1 1/2	20 3/4	8 11/16	22 3/4	2 1/4	7 1/16	9/16	77	T2-80	43

Weight:lb

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

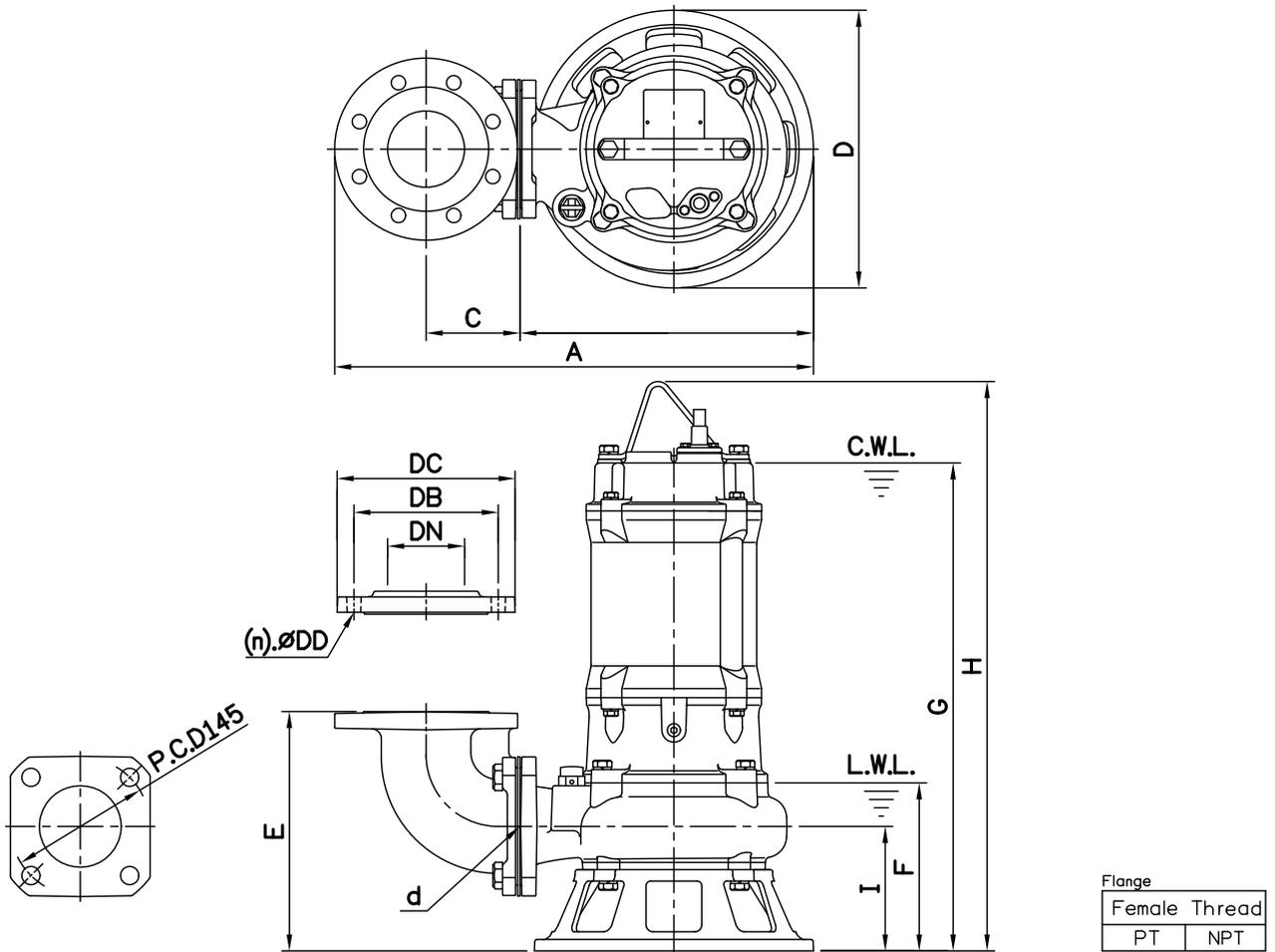
WT1:Pump Weight(Without Cable)  
WT2:GRS Set Weight

**DIMENSIONS**

**NO: S3AFP237A32-01**

**MODEL: 80AFP23.7A**

**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
80AFP23.7A	80	498	305	98	290	250	176	510	595	130	48	EB3-150A	80	150	185	15	8	12

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
80AFP23.7A	3	19 <sup>7</sup> / <sub>8</sub>	12	3 <sup>7</sup> / <sub>8</sub>	11 <sup>7</sup> / <sub>16</sub>	9 <sup>3</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	20 <sup>1</sup> / <sub>16</sub>	23 <sup>7</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>8</sub>	106	EB3-150A	3	5 <sup>7</sup> / <sub>8</sub>	7 <sup>5</sup> / <sub>16</sub>	3	8	26

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

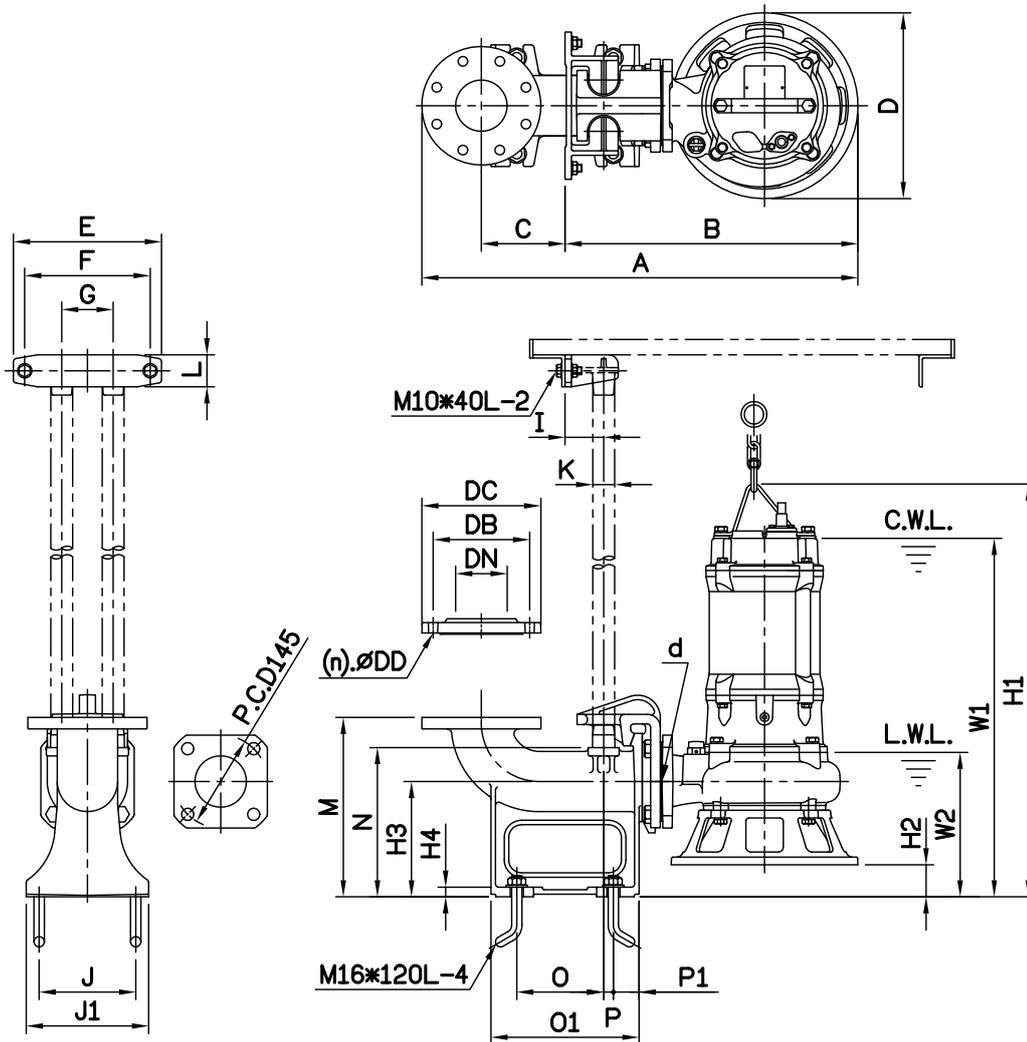
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

**DIMENSIONS**

**NO: T3AFP237A32-01**

**MODEL: 80AFP23.7A**

**3Ø**



Flange	
Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF3-150	80	150	185	15	8

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF3-150	3	5 <sup>5</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>8</sub>	<sup>5</sup> / <sub>8</sub>	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
80AFP23.7A	80	680	458	130	290	230	195	80	60	150	190	1 <sup>1</sup> / <sub>4</sub>	50	280	233	135	230	15	40	560	225	645	50	180	15	48	T80D	27

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
80AFP23.7A	3	26 <sup>3</sup> / <sub>4</sub>	18 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>8</sub>	11 <sup>7</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>8</sub>	7 <sup>11</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	5 <sup>15</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	1 <sup>15</sup> / <sub>8</sub>	11	9 <sup>3</sup> / <sub>8</sub>	5 <sup>5</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>8</sub>	<sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>8</sub>	22 <sup>1</sup> / <sub>8</sub>	8 <sup>7</sup> / <sub>8</sub>	25 <sup>3</sup> / <sub>8</sub>	1 <sup>15</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>8</sub>	<sup>5</sup> / <sub>8</sub>	106	T80D	59

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

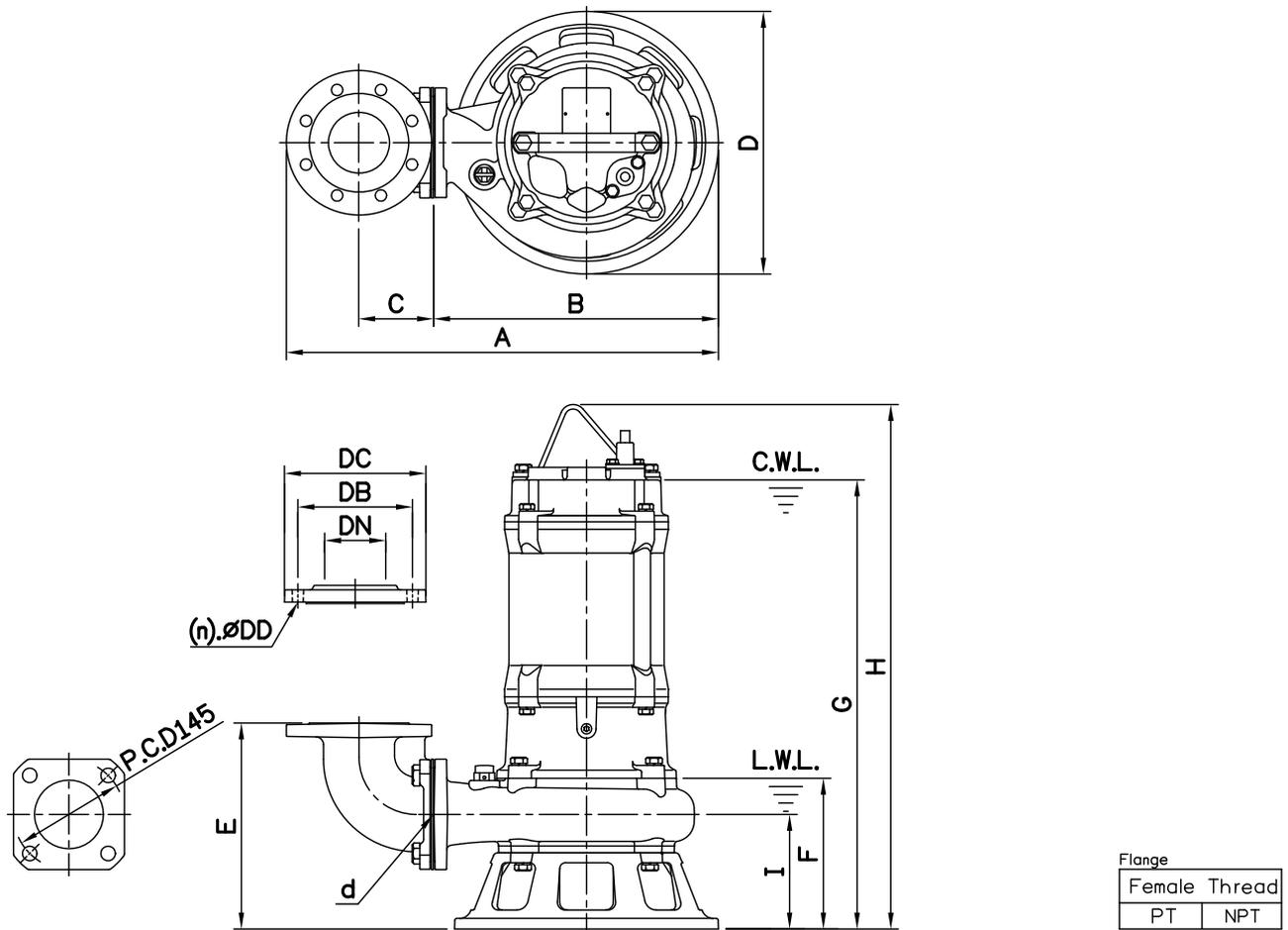
WT1:Pump Weight(Without Cable)  
WT2:GRS Set Weight

## DIMENSIONS

NO: S3AFP275030-00

MODEL: 80(100)AFP25.5 / 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)AFP25.5	80	565	373	98	345	271	198	590	689	151	75	EB3-150A	80	150	185	15	8	12
80(100)AFP25.5	80	596	373	113	345	282	198	590	689	151	75	EB4-175(145)	100	175	210	15	8	14
80(100)AFP27.5	80	565	373	98	345	271	198	590	689	151	81	EB3-150A	80	150	185	15	8	12
80(100)AFP27.5	80	596	373	113	345	282	198	590	689	151	81	EB4-175(145)	100	175	210	15	8	14

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)AFP25.5	3	22 $\frac{1}{4}$	14 $\frac{1}{16}$	3 $\frac{7}{8}$	13 $\frac{9}{16}$	10 $\frac{1}{16}$	7 $\frac{13}{16}$	23 $\frac{1}{4}$	27 $\frac{7}{8}$	5 $\frac{15}{16}$	165	EB3-150A	3	5 $\frac{5}{8}$	7 $\frac{5}{8}$	$\frac{9}{16}$	8	26
80(100)AFP25.5	3	23 $\frac{3}{8}$	14 $\frac{1}{16}$	4 $\frac{1}{16}$	13 $\frac{3}{16}$	11 $\frac{1}{2}$	7 $\frac{13}{16}$	23 $\frac{1}{4}$	27 $\frac{7}{8}$	5 $\frac{15}{16}$	165	EB4-175(145)	4	6 $\frac{7}{8}$	8 $\frac{1}{4}$	$\frac{9}{16}$	8	30
80(100)AFP27.5	3	22 $\frac{1}{4}$	14 $\frac{1}{16}$	3 $\frac{7}{8}$	13 $\frac{9}{16}$	10 $\frac{1}{16}$	7 $\frac{13}{16}$	23 $\frac{1}{4}$	27 $\frac{7}{8}$	5 $\frac{15}{16}$	178	EB3-150A	3	5 $\frac{5}{8}$	7 $\frac{5}{8}$	$\frac{9}{16}$	8	26
80(100)AFP27.5	3	23 $\frac{3}{8}$	14 $\frac{1}{16}$	4 $\frac{1}{16}$	13 $\frac{3}{16}$	11 $\frac{1}{2}$	7 $\frac{13}{16}$	23 $\frac{1}{4}$	27 $\frac{7}{8}$	5 $\frac{15}{16}$	178	EB4-175(145)	4	6 $\frac{7}{8}$	8 $\frac{1}{4}$	$\frac{9}{16}$	8	30

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

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

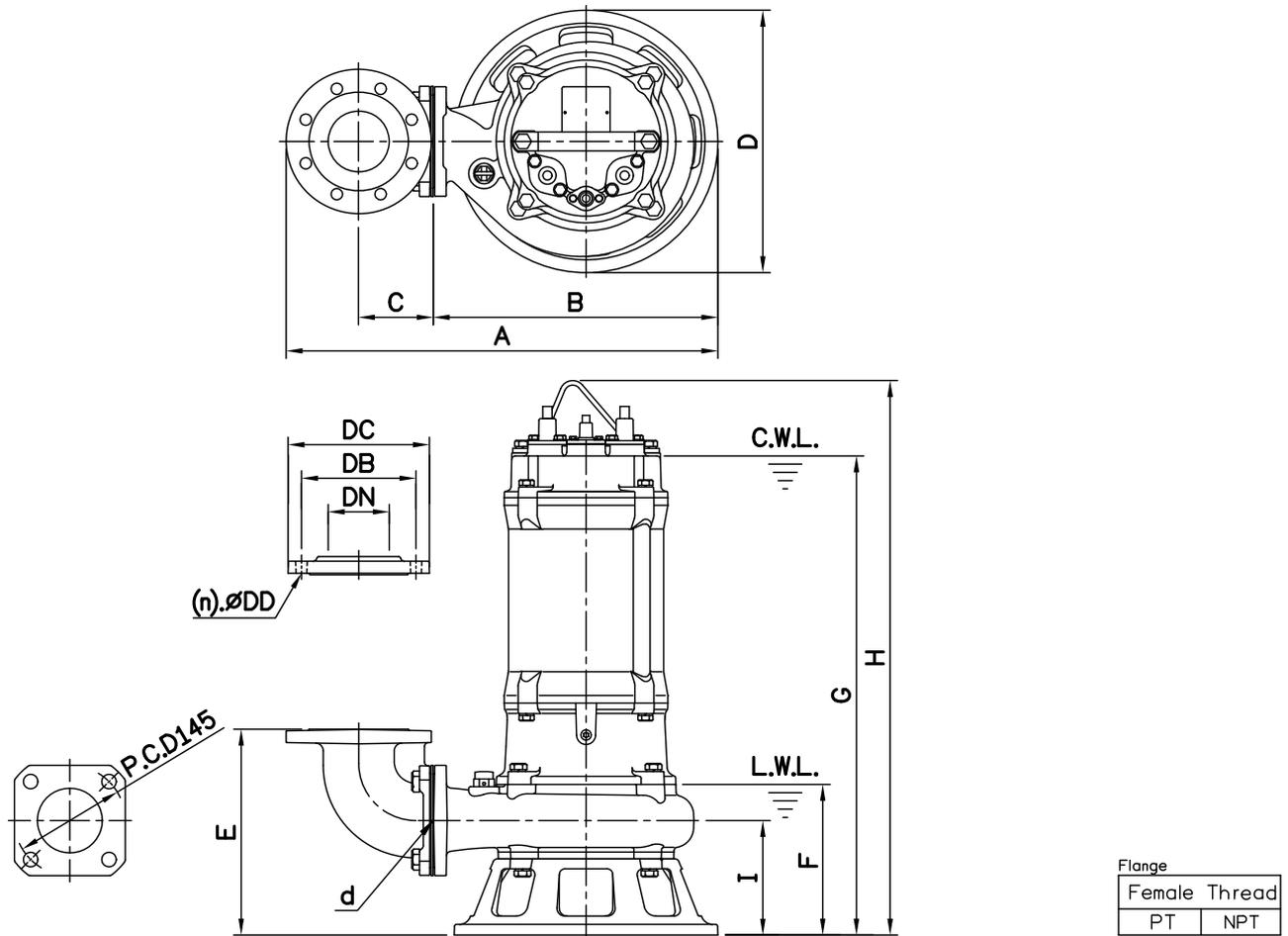


## DIMENSIONS

NO: S3AFP2A1030-00

MODEL: 80(100)AFP211

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)AFP211	80	565	373	98	345	271	198	630	729	151	91	EB3-150A	80	150	185	15	8	12
80(100)AFP211	80	596	373	113	345	282	198	630	729	151	91	EB4-175(145)	100	175	210	15	8	14

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)AFP211	3	22 <sup>1</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	13 <sup>3</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	24 <sup>13</sup> / <sub>16</sub>	28 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	201	EB3-150A	3	5 <sup>9</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	<sup>3</sup> / <sub>16</sub>	8	26
80(100)AFP211	3	23 <sup>3</sup> / <sub>16</sub>	14 <sup>1</sup> / <sub>16</sub>	4 <sup>7</sup> / <sub>16</sub>	13 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	24 <sup>13</sup> / <sub>16</sub>	28 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	201	EB4-175(145)	4	6 <sup>15</sup> / <sub>16</sub>	8 <sup>7</sup> / <sub>16</sub>	<sup>3</sup> / <sub>16</sub>	8	30

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

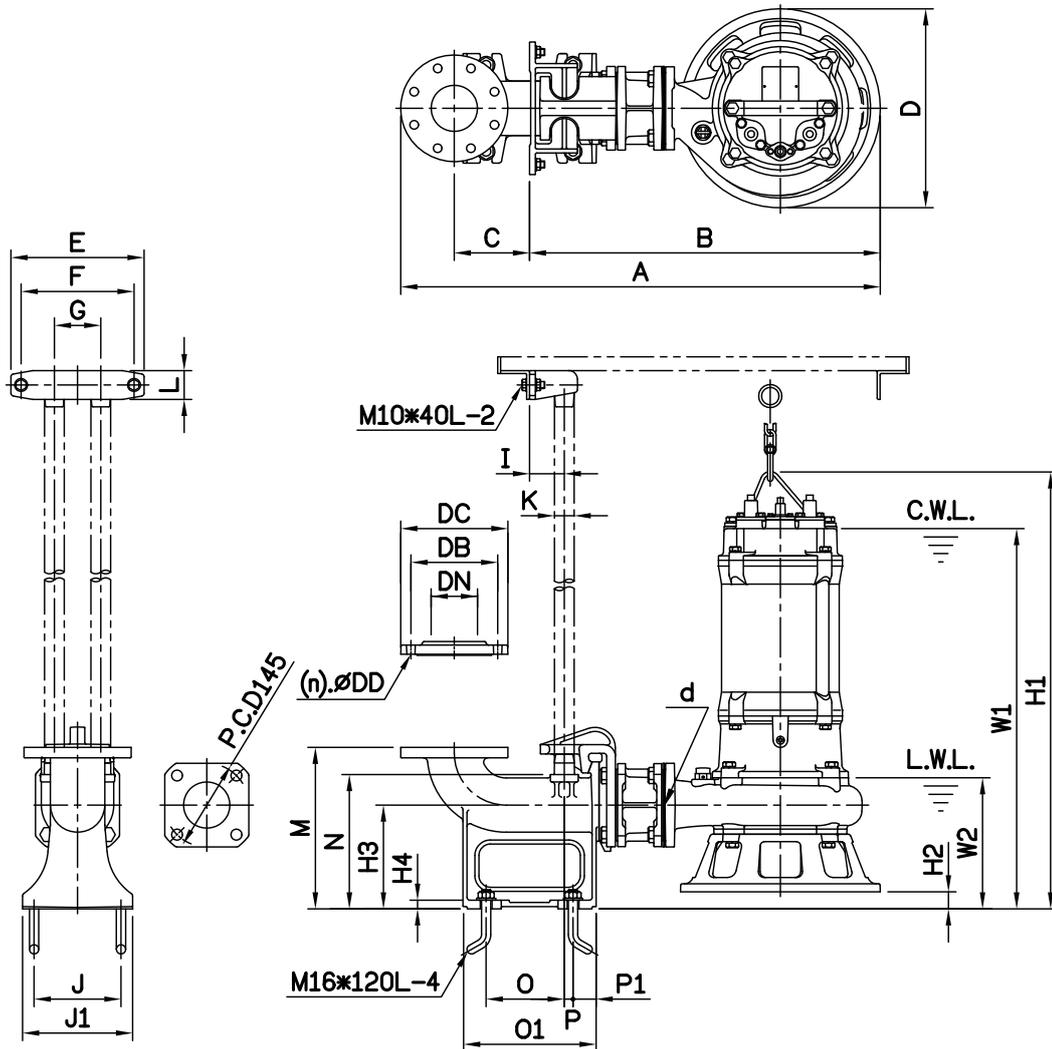
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

## DIMENSIONS

NO: T3AFP2A1030-00

MODEL: 80(100)AFP211

50Hz 3Ø



Flange	
Female Thread	
PT	NPT

Dimensions—mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
EF3-150	80	150	185	15	8
EF4-175	100	175	210	15	8

Dimensions—inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
EF3-150	3	5 <sup>15</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	8
EF4-175	4	6 <sup>7</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	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)AFP211	80	828	606	130	345	230	195	80	60	150	190	1 <sup>1</sup> / <sub>4</sub>	50	280	233	135	230	15	40	660	228	759	30	180	15	91	T80DH	31
80(100)AFP211	80	860	606	150	345	230	195	80	60	170	210	1 <sup>1</sup> / <sub>4</sub>	50	285	233	155	250	15	40	660	228	759	30	180	15	91	T100(80)BH	34

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)AFP211	3	32 <sup>3</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	13 <sup>9</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	2	11	9 <sup>9</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	26	9	29 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	201	T80DH	68
80(100)AFP211	3	33 <sup>3</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>16</sub>	5 <sup>15</sup> / <sub>16</sub>	13 <sup>9</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>16</sub>	6 <sup>6</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub>	2	11 <sup>1</sup> / <sub>4</sub>	9 <sup>9</sup> / <sub>16</sub>	6 <sup>6</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	26	9	29 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	201	T100(80)BH	75

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

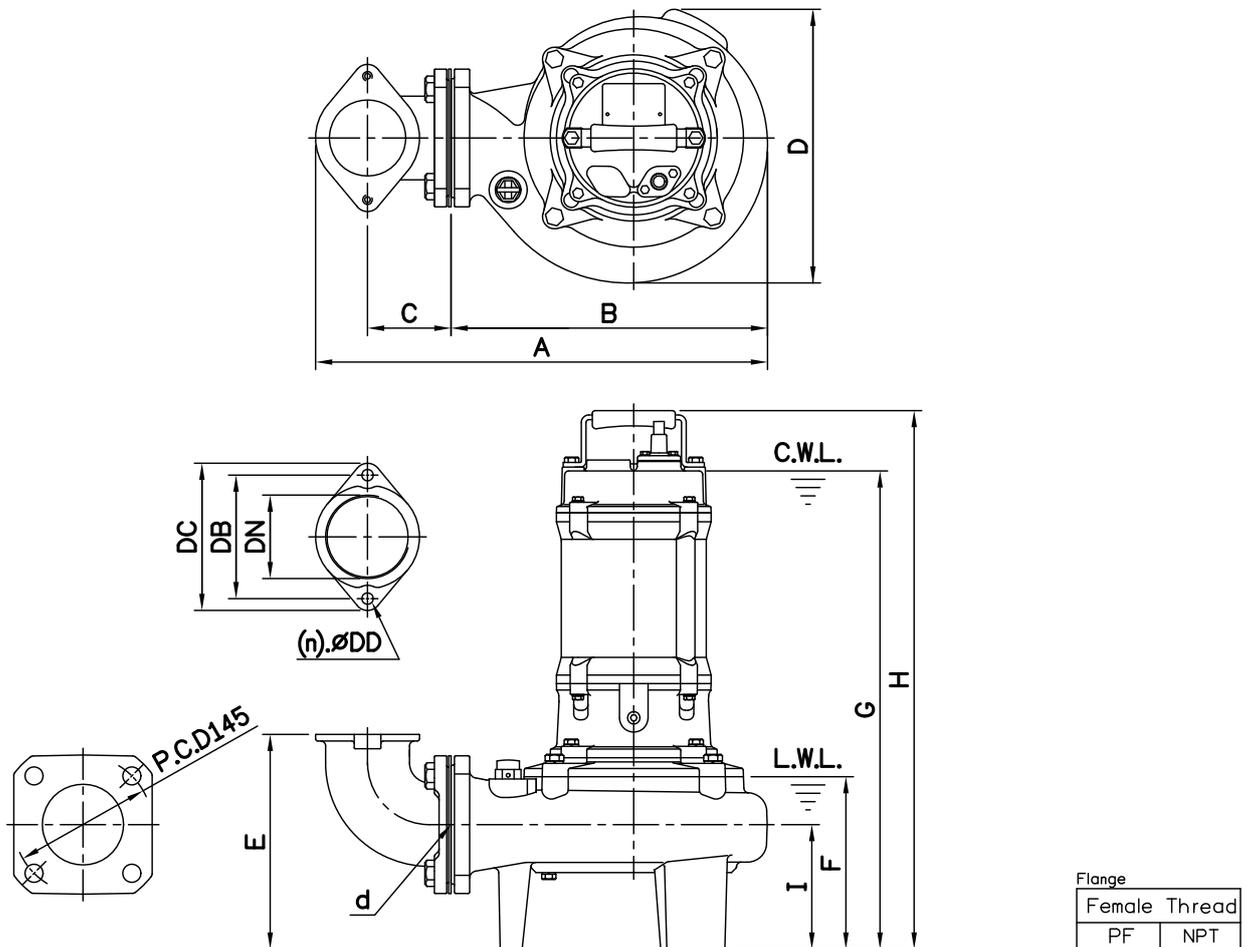
WT1:Pump Weight(Without Cable)  
WT2:GRS Set Weight

## DIMENSIONS

NO: S3AFP415030-00

MODEL: 80AFP41.5

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
80AFP41.5 1Ø	80	474	332	88	288	226	182	582	645	131	47	EB3-130	80	130	155	12	2	5
80AFP41.5 3Ø	80	474	332	88	288	226	182	504	567	131	47	EB3-130	80	130	155	12	2	5

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
80AFP41.5 1Ø	3	18 <sup>11</sup> / <sub>16</sub>	13 <sup>1</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	11 <sup>7</sup> / <sub>16</sub>	8 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>16</sub>	22 <sup>7</sup> / <sub>16</sub>	25 <sup>3</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	104	EB3-130	3	5 <sup>1</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>8</sub>	½	2	11
80AFP41.5 3Ø	3	18 <sup>11</sup> / <sub>16</sub>	13 <sup>1</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	11 <sup>7</sup> / <sub>16</sub>	8 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>16</sub>	19 <sup>13</sup> / <sub>16</sub>	22 <sup>7</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	104	EB3-130	3	5 <sup>1</sup> / <sub>8</sub>	6 <sup>1</sup> / <sub>8</sub>	½	2	11

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

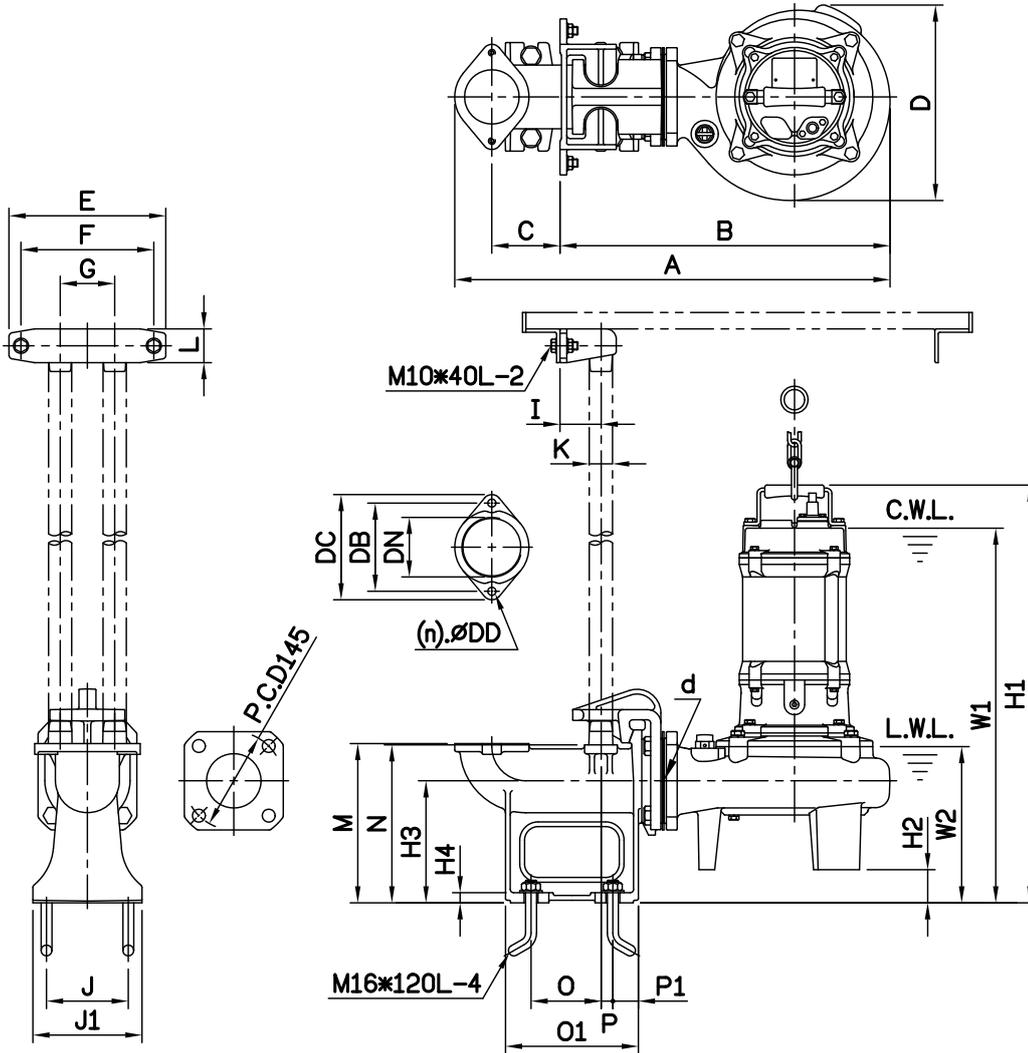
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

## DIMENSIONS

NO: T3AFP415030-00

MODEL: 80AFP41.5

50Hz 1Ø / 3Ø



Flange	
Female Thread	
PF	NPT

Dimensions—mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF3-130	80	130	155	12	2

Dimensions—inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF3-130	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	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	Weight:kg	
																											GRS Set	WT2
80AFP41.5 1Ø	80	639	484	100	288	230	195	80	60	120	160	1 1/4	50	235	233	103	195	18	38	630	230	693	49	180	15	47	T2-80	20
80AFP41.5 3Ø	80	639	484	100	288	230	195	80	60	120	160	1 1/4	50	235	233	103	195	18	38	552	230	616	49	180	15	47	T2-80	20

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
80AFP41.5 1Ø	3	25 3/8	19 1/8	3 15/8	11 1/8	9 1/8	7 11/16	3 1/8	2 3/8	4 3/4	6 3/8	1 1/4	1 15/16	9 3/4	9 3/8	4 1/8	7 11/16	1 1/8	1 1/2	24 3/8	9 1/8	27 1/8	1 15/16	7 1/8	3/8	104	T2-80	43
80AFP41.5 3Ø	3	25 3/8	19 1/8	3 15/8	11 1/8	9 1/8	7 11/16	3 1/8	2 3/8	4 3/4	6 3/8	1 1/4	1 15/16	9 3/4	9 3/8	4 1/8	7 11/16	1 1/8	1 1/2	21 3/4	9 1/8	24 3/4	1 15/16	7 1/8	3/8	104	T2-80	43

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

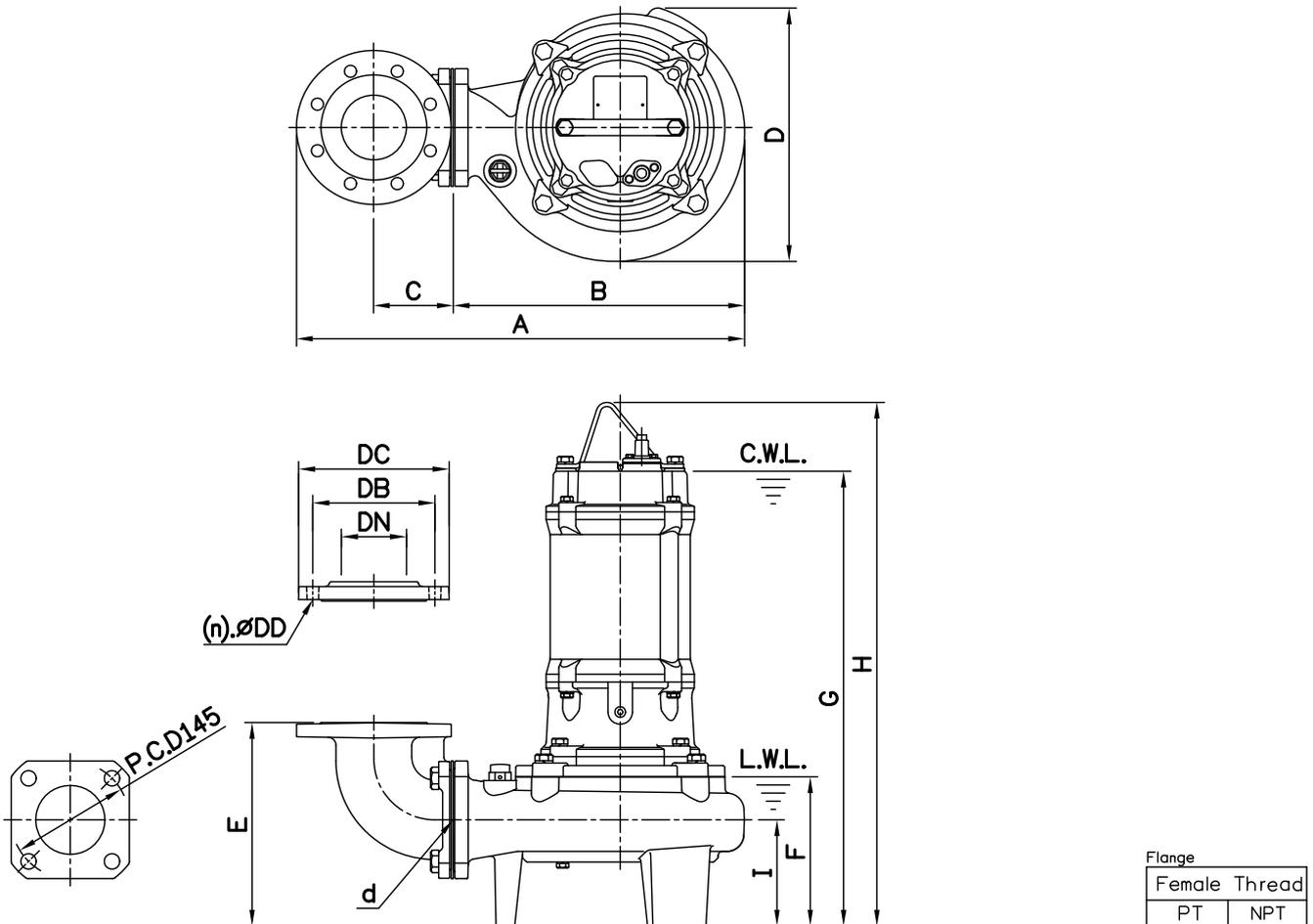
WT1:Pump Weight(Without Cable)  
WT2:GRS Set Weight

## DIMENSIONS

NO: S3AFP437030-01

MODEL: 80AFP42.2 & 80(100)AFP43.7

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
80AFP42.2 3Ø	80	550	358	98	313	251	184	526	611	131	60	EB3-150A	80	150	185	15	8	12
80(100)AFP43.7 3Ø	80	550	358	98	313	251	184	561	646	131	70	EB3-150A	80	150	185	15	8	12
80(100)AFP43.7 3Ø	80	581	358	113	313	261	184	561	646	131	70	EB4-175(145)	100	175	210	15	8	14

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
80AFP42.2 3Ø	3	21 <sup>5</sup> / <sub>8</sub>	14 <sup>3</sup> / <sub>8</sub>	3 <sup>7</sup> / <sub>8</sub>	12 <sup>5</sup> / <sub>16</sub>	9 <sup>7</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>4</sub>	20 <sup>11</sup> / <sub>16</sub>	24 <sup>1</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	132	EB3-150A	3	5 <sup>7</sup> / <sub>8</sub>	7 <sup>5</sup> / <sub>16</sub>	9 <sup>5</sup> / <sub>16</sub>	8	26
80(100)AFP43.7 3Ø	3	21 <sup>5</sup> / <sub>8</sub>	14 <sup>3</sup> / <sub>8</sub>	3 <sup>7</sup> / <sub>8</sub>	12 <sup>5</sup> / <sub>16</sub>	9 <sup>7</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>4</sub>	22 <sup>1</sup> / <sub>16</sub>	25 <sup>1</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	154	EB3-150A	3	5 <sup>7</sup> / <sub>8</sub>	7 <sup>5</sup> / <sub>16</sub>	9 <sup>5</sup> / <sub>16</sub>	8	26
80(100)AFP43.7 3Ø	3	22 <sup>7</sup> / <sub>8</sub>	14 <sup>3</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>16</sub>	12 <sup>5</sup> / <sub>16</sub>	10 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>4</sub>	22 <sup>1</sup> / <sub>16</sub>	25 <sup>1</sup> / <sub>16</sub>	5 <sup>3</sup> / <sub>16</sub>	154	EB4-175(145)	4	6 <sup>7</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>4</sub>	9 <sup>5</sup> / <sub>16</sub>	8	31

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

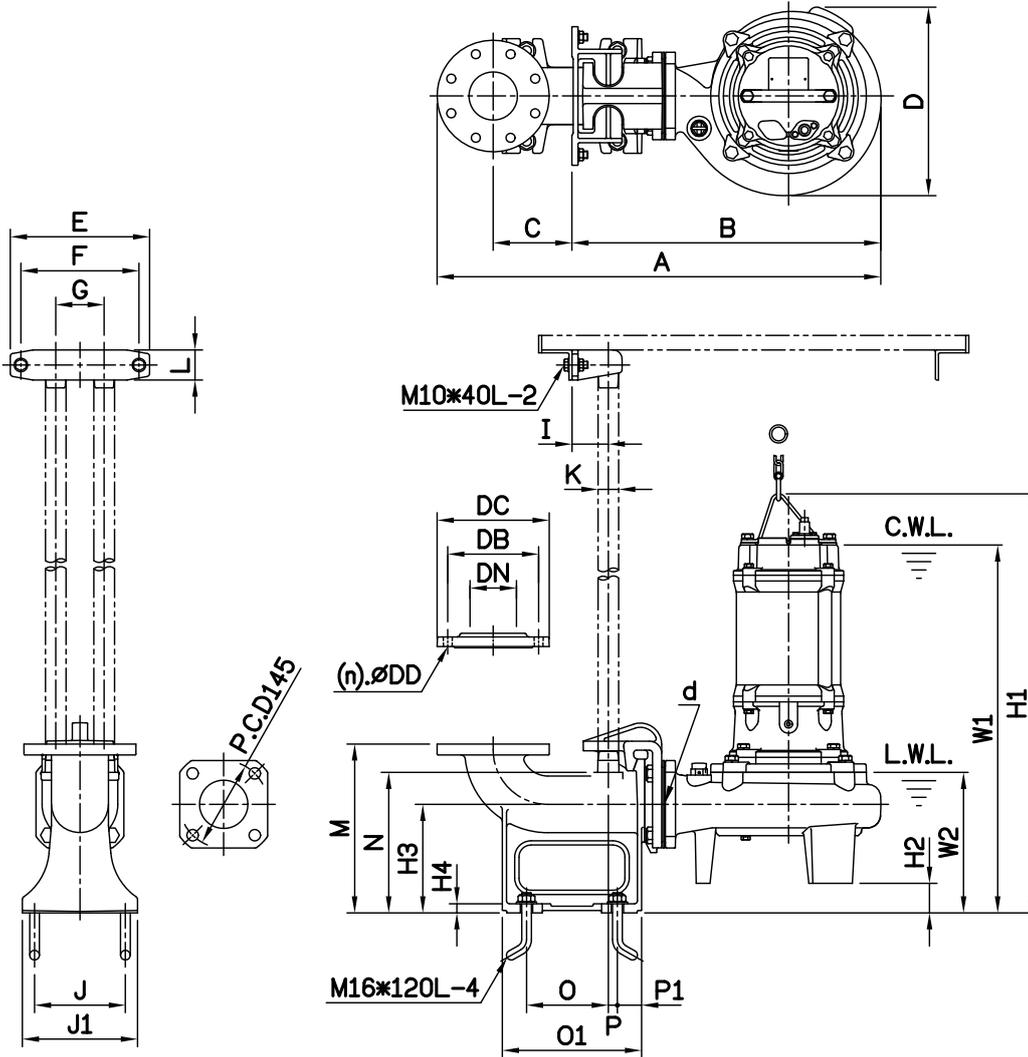
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

## DIMENSIONS

NO: T3AFP437030-01

MODEL: 80AFP42.2 & 80(100)AFP43.7

50Hz 3Ø



Flange	
Female Thread	
PT	NPT

Dimensions—mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
EF3-150	80	150	185	15	8
EF4-175	100	175	210	15	8

Dimensions—inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
EF3-150	3	5 <sup>7</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	8
EF4-175	4	6 <sup>7</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	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
80AFP42.2 3Ø	80	733	511	130	313	230	195	80	60	150	190	1 <sup>1</sup> / <sub>4</sub>	50	280	233	135	230	15	40	575	233	660	49	180	15	60	T80D	27
80(100)AFP43.7 3Ø	80	733	511	130	313	230	195	80	60	150	190	1 <sup>1</sup> / <sub>4</sub>	50	280	233	135	230	15	40	610	233	695	49	180	15	70	T80D	27
80(100)AFP43.7 3Ø	80	765	511	150	313	230	195	80	60	170	210	1 <sup>1</sup> / <sub>4</sub>	50	285	233	155	250	15	40	610	233	695	49	180	15	70	T100(80)B	30

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
80AFP42.2 3Ø	3	28 <sup>3</sup> / <sub>16</sub>	20 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	12 <sup>2</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	7 <sup>11</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>16</sub>	5 <sup>15</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	2	11	9 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	22 <sup>5</sup> / <sub>16</sub>	9 <sup>3</sup> / <sub>16</sub>	26	1 <sup>15</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	132	T80D	60
80(100)AFP43.7 3Ø	3	28 <sup>3</sup> / <sub>16</sub>	20 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	12 <sup>2</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	7 <sup>11</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>16</sub>	5 <sup>15</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	2	11	9 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	24	9 <sup>3</sup> / <sub>16</sub>	27 <sup>3</sup> / <sub>16</sub>	1 <sup>15</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	154	T80D	60
80(100)AFP43.7 3Ø	3	30 <sup>3</sup> / <sub>16</sub>	20 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	12 <sup>2</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>16</sub>	7 <sup>11</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>16</sub>	6 <sup>11</sup> / <sub>16</sub>	8 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub>	2	11 <sup>1</sup> / <sub>4</sub>	9 <sup>3</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	24	9 <sup>3</sup> / <sub>16</sub>	27 <sup>3</sup> / <sub>16</sub>	1 <sup>15</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	<sup>9</sup> / <sub>16</sub>	154	T100(80)B	66

Weight:lb

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

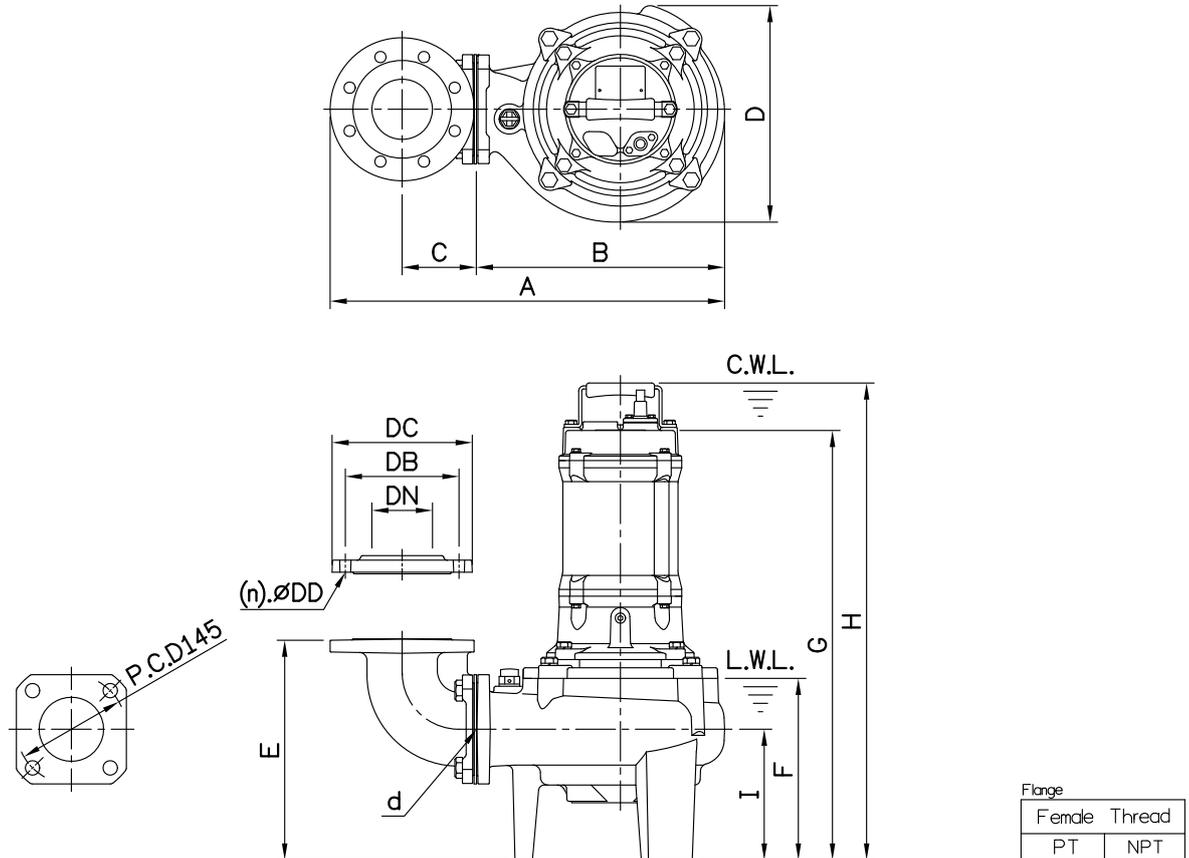
WT1:Pump Weight(Without Cable)  
WT2:GRS Set Weight

## DIMENSIONS

NO: S3AFE415032-00

MODEL: 80(100)AFE41.5

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
80(100)AFE41.5 1Ø	80	521	328	98	287	294	241	652	715	174	66	EB3-150A	80	150	185	15	8	12
80(100)AFE41.5 1Ø	80	551	328	113	287	305	241	652	715	174	66	EB4-175(145)	100	175	210	15	8	14
80(100)AFE41.5 3Ø	80	521	328	98	287	294	241	570	633	174	61	EB3-150A	80	150	185	15	8	12
80(100)AFE41.5 3Ø	80	551	328	113	287	305	241	570	633	174	61	EB4-175(145)	100	175	210	15	8	14

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)AFE41.5 1Ø	3	20 <sup>7</sup> / <sub>2</sub>	12 <sup>15</sup> / <sub>16</sub>	3 <sup>7</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>16</sub>	11 <sup>9</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>2</sub>	25 <sup>1</sup> / <sub>16</sub>	28 <sup>3</sup> / <sub>8</sub>	6 <sup>7</sup> / <sub>8</sub>	146	EB3-150A	3	5 <sup>7</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	8	26
80(100)AFE41.5 1Ø	3	21 <sup>1</sup> / <sub>16</sub>	12 <sup>15</sup> / <sub>16</sub>	4 <sup>7</sup> / <sub>16</sub>	11 <sup>5</sup> / <sub>16</sub>	12	9 <sup>1</sup> / <sub>2</sub>	25 <sup>1</sup> / <sub>16</sub>	28 <sup>3</sup> / <sub>8</sub>	6 <sup>7</sup> / <sub>8</sub>	146	EB4-175(145)	4	6 <sup>7</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>16</sub>	8	31
80(100)AFE41.5 3Ø	3	20 <sup>7</sup> / <sub>2</sub>	12 <sup>15</sup> / <sub>16</sub>	3 <sup>7</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>16</sub>	11 <sup>9</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>2</sub>	22 <sup>7</sup> / <sub>16</sub>	24 <sup>3</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>8</sub>	134	EB3-150A	3	5 <sup>7</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	8	26
80(100)AFE41.5 3Ø	3	21 <sup>1</sup> / <sub>16</sub>	12 <sup>15</sup> / <sub>16</sub>	4 <sup>7</sup> / <sub>16</sub>	11 <sup>5</sup> / <sub>16</sub>	12	9 <sup>1</sup> / <sub>2</sub>	22 <sup>7</sup> / <sub>16</sub>	24 <sup>3</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>8</sub>	134	EB4-175(145)	4	6 <sup>7</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>16</sub>	8	31

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

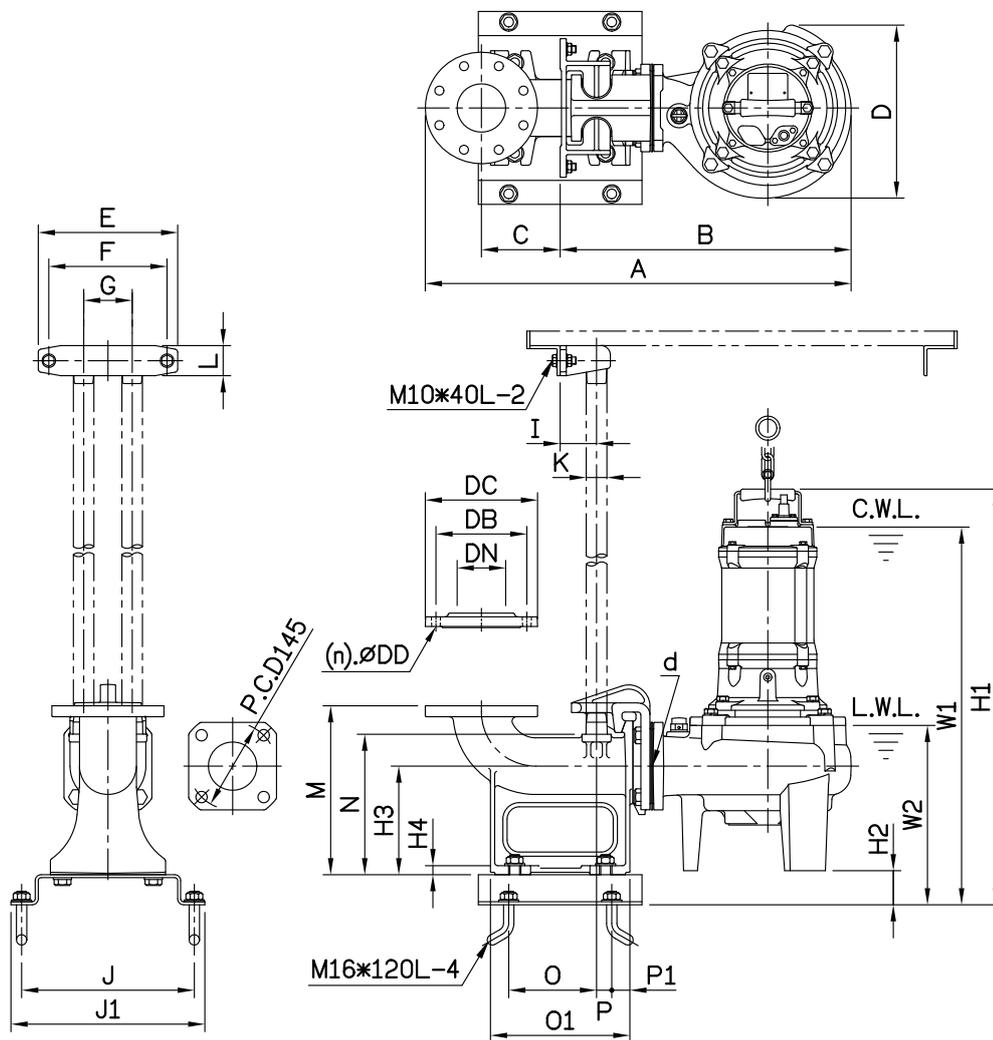
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

## DIMENSIONS

NO: T3AFE415032-00

MODEL: 80(100)AFE41.5

1Ø / 3Ø



Flange	
Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF3-150	80	150	185	15	8
EF4-175	100	175	210	15	8

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF3-150	3	5 7/8	7 3/8	5/8	8
EF4-175	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)AFE41.5 1Ø	80	703	481	130	287	230	195	80	60	285	320	1 1/4"	50	280	233	145	230	25	30	709	298	772	57	180	15	66	T80D-E5	30
80(100)AFE41.5 1Ø	80	735	481	150	287	230	195	80	60	285	320	1 1/4"	50	285	233	155	250	15	40	709	298	772	57	180	15	66	T100(80)B-E5	33
80(100)AFE41.5 3Ø	80	703	481	130	287	230	195	80	60	285	320	1 1/4"	50	280	233	145	230	25	30	627	298	690	57	180	15	61	T80D-E5	30
80(100)AFE41.5 3Ø	80	735	481	150	287	230	195	80	60	285	320	1 1/4"	50	285	233	155	250	15	40	627	298	690	57	180	15	61	T100(80)B-E5	33

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)AFE41.5 1Ø	3	27 1/8	18 5/8	5 1/8	11 1/8	9 1/8	7 1/8	3 1/8	2 3/8	11 1/4	12 5/8	1 1/4	2	11	9 3/8	5 1/8	9 1/8	1	1 1/8	27 1/8	11 3/4	30 3/8	2 1/4	7 1/8	5/8	146	T80D-E5	66
80(100)AFE41.5 1Ø	3	28 5/8	18 5/8	5 3/8	11 1/8	9 1/8	7 1/8	3 3/8	2 3/8	11 1/4	12 5/8	1 1/4	2	11 1/4	9 3/8	6 1/8	9 3/8	1 1/8	1 1/8	27 1/8	11 3/4	30 3/8	2 1/4	7 1/8	5/8	146	T100(80)B-E5	73
80(100)AFE41.5 3Ø	3	27 1/8	18 5/8	5 1/8	11 1/8	9 1/8	7 1/8	3 3/8	2 3/8	11 1/4	12 5/8	1 1/4	2	11	9 3/8	5 1/8	9 1/8	1	1 1/8	24 1/8	11 3/4	27 3/8	2 1/4	7 1/8	5/8	134	T80D-E5	66
80(100)AFE41.5 3Ø	3	28 5/8	18 5/8	5 3/8	11 1/8	9 1/8	7 1/8	3 3/8	2 3/8	11 1/4	12 5/8	1 1/4	2	11 1/4	9 3/8	6 1/8	9 3/8	1 1/8	1 1/8	24 1/8	11 3/4	27 3/8	2 1/4	7 1/8	5/8	134	T100(80)B-E5	73

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

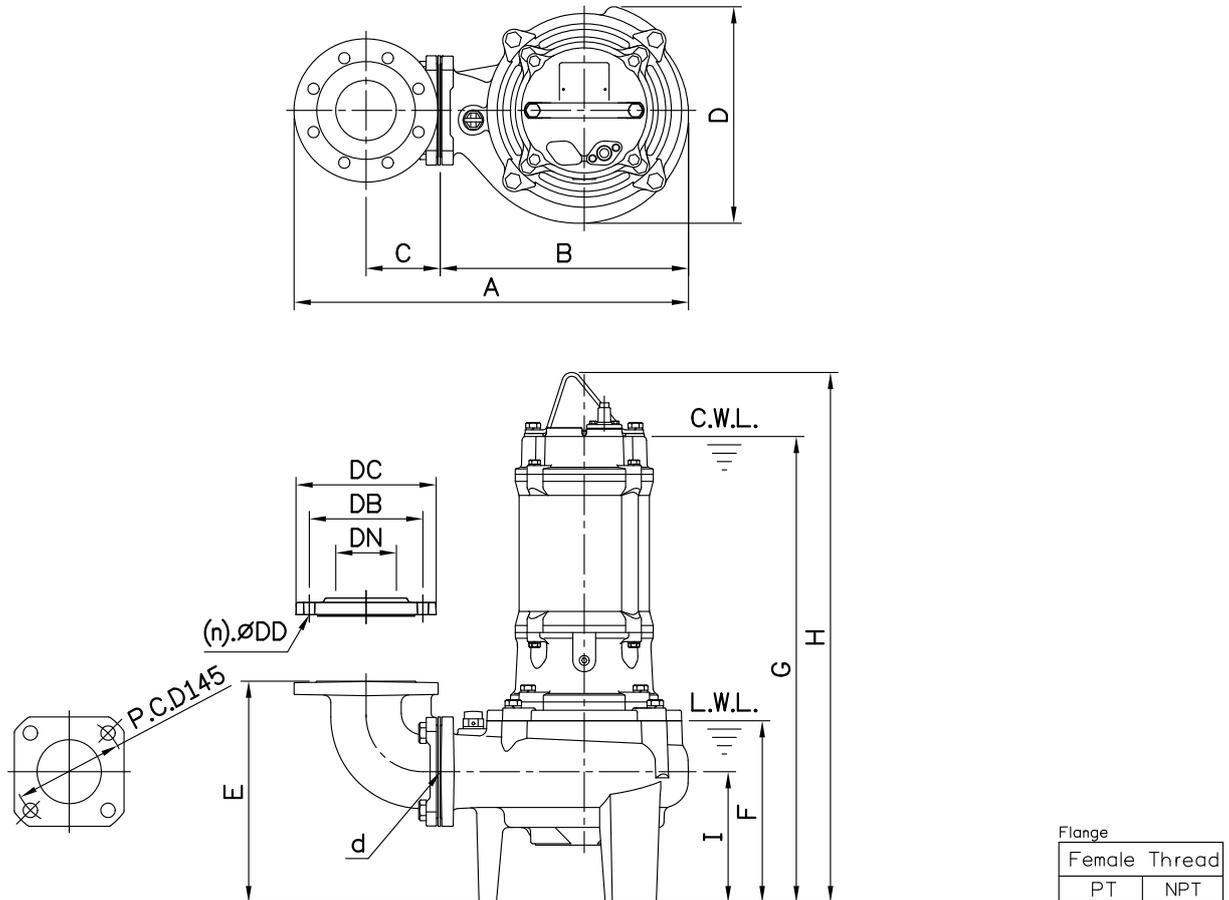
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

## DIMENSIONS

NO: S3AFE437030-01

MODEL: 80(100)AFE42.2 / 43.7

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
80(100)AFE42.2 3Ø	80	521	328	98	287	294	241	578	663	174	66	EB3-150A	80	150	185	15	8	12
80(100)AFE42.2 3Ø	80	551	328	113	287	305	241	578	663	174	66	EB4-175(145)	100	175	210	15	8	14
80(100)AFE43.7 3Ø	80	539	346	98	304	294	241	618	703	174	74	EB3-150A	80	150	185	15	8	12
80(100)AFE43.7 3Ø	80	569	346	113	304	305	241	618	703	174	74	EB4-175(145)	100	175	210	15	8	14

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)AFE42.2 3Ø	3	20 <sup>7</sup> / <sub>2</sub>	12 <sup>15</sup> / <sub>16</sub>	3 <sup>7</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>2</sub>	22 <sup>3</sup> / <sub>4</sub>	26 <sup>3</sup> / <sub>8</sub>	6 <sup>7</sup> / <sub>8</sub>	146	EB3-150A	3	5 <sup>7</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	8	26
80(100)AFE42.2 3Ø	3	21 <sup>1</sup> / <sub>16</sub>	12 <sup>15</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>16</sub>	11 <sup>5</sup> / <sub>16</sub>	12	9 <sup>1</sup> / <sub>2</sub>	22 <sup>3</sup> / <sub>4</sub>	26 <sup>3</sup> / <sub>8</sub>	6 <sup>7</sup> / <sub>8</sub>	146	EB4-175(145)	4	6 <sup>7</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>16</sub>	8	31
80(100)AFE43.7 3Ø	3	21 <sup>1</sup> / <sub>4</sub>	13 <sup>3</sup> / <sub>8</sub>	3 <sup>7</sup> / <sub>8</sub>	11 <sup>5</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>2</sub>	24 <sup>1</sup> / <sub>16</sub>	27 <sup>11</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>8</sub>	163	EB3-150A	3	5 <sup>7</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	8	26
80(100)AFE43.7 3Ø	3	22 <sup>3</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>16</sub>	11 <sup>5</sup> / <sub>16</sub>	12	9 <sup>1</sup> / <sub>2</sub>	24 <sup>1</sup> / <sub>16</sub>	27 <sup>11</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>8</sub>	163	EB4-175(145)	4	6 <sup>7</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>16</sub>	8	31

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

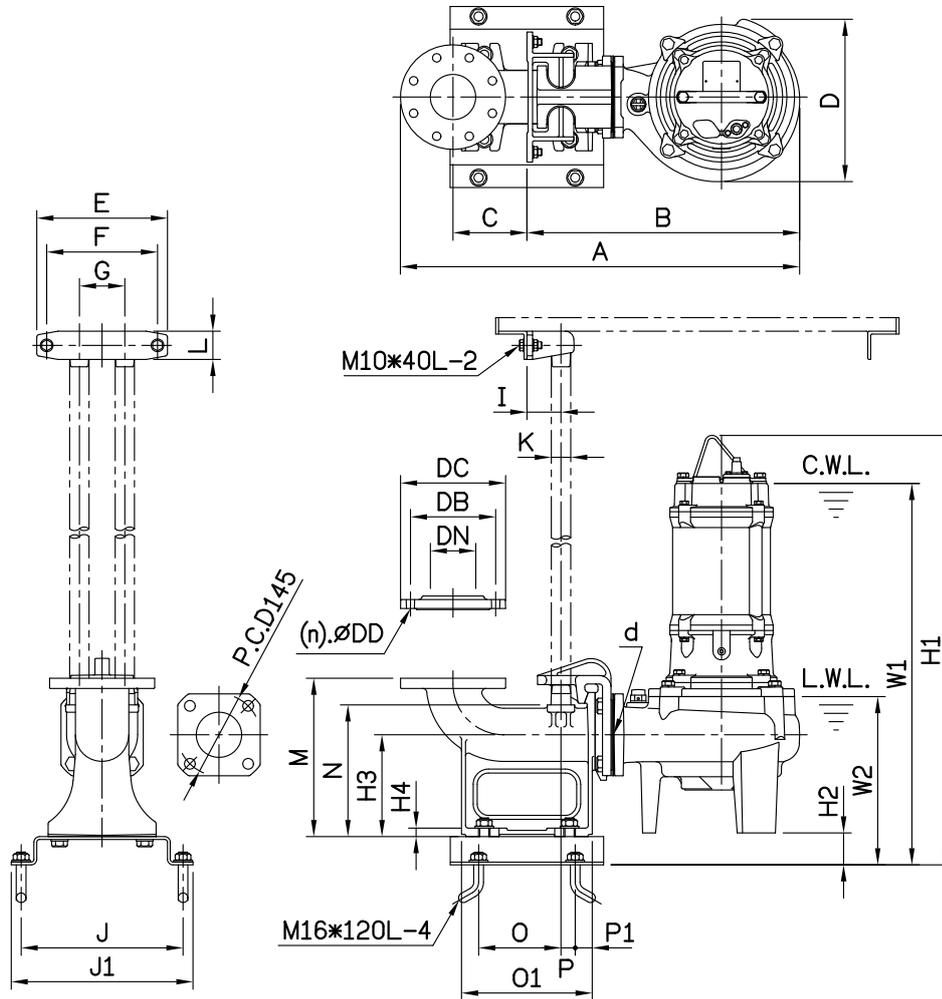
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

## DIMENSIONS

NO: T3AFE437030-01

MODEL: 80(100)AFE42.2 / 43.7

50Hz 3Ø



Flange	
Female Thread	
PT	NPT

Dimensions—mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF3-150	80	150	185	15	8
EF4-175	100	175	210	15	8

Dimensions—inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF3-150	3	5 <sup>15</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	8
EF4-175	4	6 <sup>6</sup> / <sub>16</sub>	8 <sup>8</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	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)AFE42.2 3Ø	80	703	480	130	287	230	195	80	60	285	320	1 <sup>1</sup> / <sub>4</sub>	50	280	233	145	230	25	30	635	298	720	57	180	15	66	T80D-E5	30
80(100)AFE42.2 3Ø	80	735	480	150	287	230	195	80	60	285	320	1 <sup>1</sup> / <sub>4</sub>	50	285	233	155	250	15	40	635	298	720	57	180	15	66	T100(80)B-E5	33
80(100)AFE43.7 3Ø	80	721	498	130	304	230	195	80	60	285	320	1 <sup>1</sup> / <sub>4</sub>	50	280	233	145	230	25	30	675	298	760	57	180	15	74	T80D-E5	30
80(100)AFE43.7 3Ø	80	753	498	150	304	230	195	80	60	285	320	1 <sup>1</sup> / <sub>4</sub>	50	285	233	155	250	15	40	675	298	760	57	180	15	74	T100(80)B-E5	33

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)AFE42.2 3Ø	3	27 <sup>3</sup> / <sub>16</sub>	18 <sup>7</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	11 <sup>15</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	7 <sup>3</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	2	11	9 <sup>3</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	1	1 <sup>3</sup> / <sub>16</sub>	25	11 <sup>3</sup> / <sub>4</sub>	28 <sup>3</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	146	T80D-E5	66
80(100)AFE42.2 3Ø	3	28 <sup>8</sup> / <sub>16</sub>	18 <sup>7</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	11 <sup>15</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	7 <sup>3</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	2	11 <sup>1</sup> / <sub>4</sub>	9 <sup>3</sup> / <sub>16</sub>	6 <sup>6</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	25	11 <sup>3</sup> / <sub>4</sub>	28 <sup>3</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	146	T100(80)B-E5	73
80(100)AFE43.7 3Ø	3	28 <sup>8</sup> / <sub>16</sub>	19 <sup>9</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	11 <sup>15</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	7 <sup>3</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	2	11	9 <sup>3</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	1	1 <sup>3</sup> / <sub>16</sub>	26 <sup>7</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>4</sub>	29 <sup>15</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	163	T80D-E5	66
80(100)AFE43.7 3Ø	3	29 <sup>9</sup> / <sub>16</sub>	19 <sup>9</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>	11 <sup>15</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	7 <sup>3</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	2	11 <sup>1</sup> / <sub>4</sub>	9 <sup>3</sup> / <sub>16</sub>	6 <sup>6</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	26 <sup>7</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>4</sub>	29 <sup>15</sup> / <sub>16</sub>	2 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	163	T100(80)B-E5	73

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

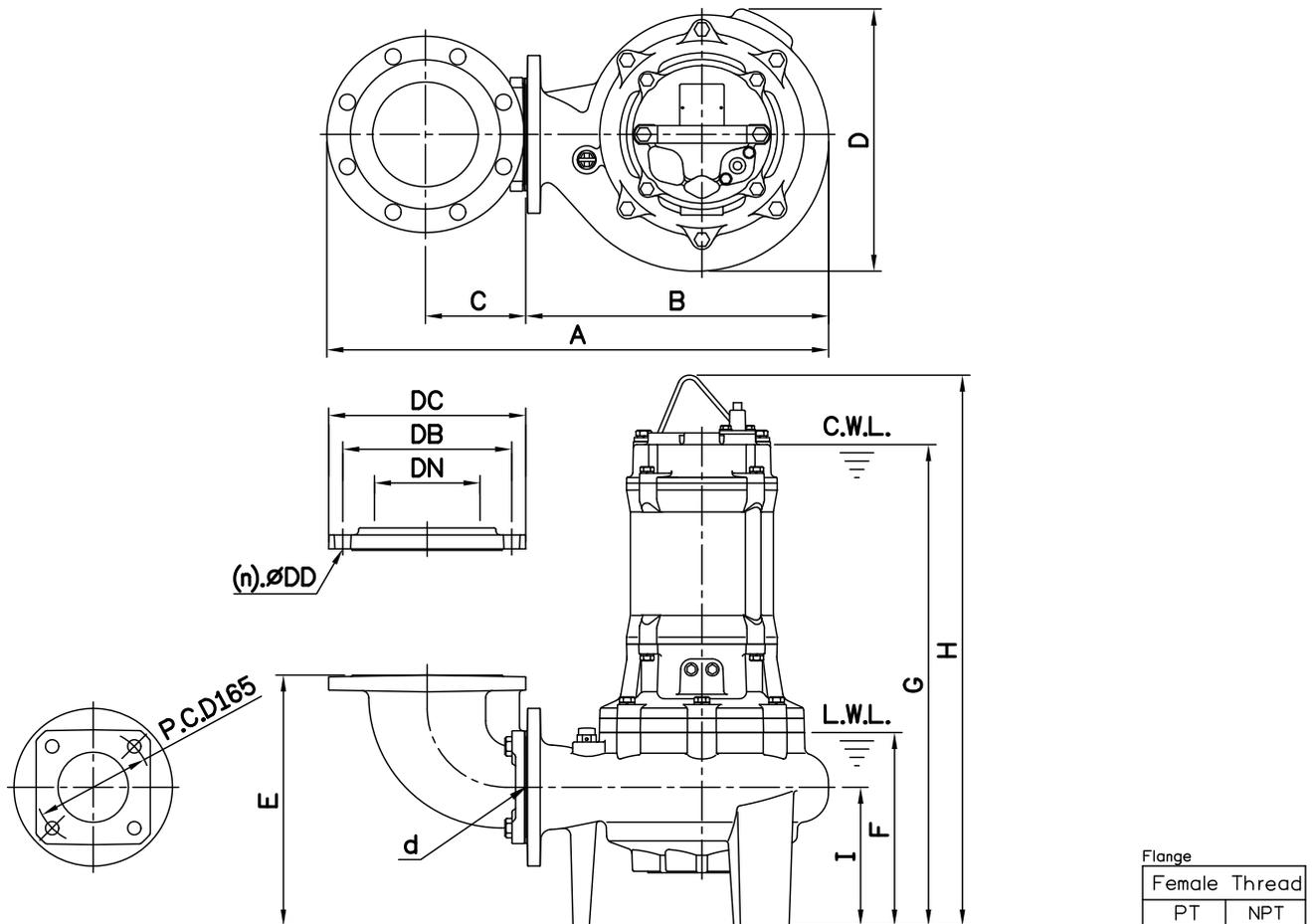
WT1:Pump Weight(Without Cable)  
WT2:GRS Set Weight

## DIMENSIONS

NO: S4AFE475030-00

MODEL: 100(150)AFE45.5 / 47.5

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
100(150)AFE45.5	100	653	430	113	374	328	276	687	786	198	110	EB4-175A	100	175	210	15	8	13
100(150)AFE45.5	100	713	430	143	374	358	276	687	786	198	110	EB6-240(165)	150	240	280	23	8	23
100(150)AFE47.5	100	653	430	113	374	328	276	727	826	198	120	EB4-175A	100	175	210	15	8	13
100(150)AFE47.5	100	713	430	143	374	358	276	727	826	198	120	EB6-240(165)	150	240	280	23	8	23

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
100(150)AFE45.5	4	25 <sup>1</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub>	14 <sup>3</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>8</sub>	10 <sup>7</sup> / <sub>8</sub>	27 <sup>1</sup> / <sub>4</sub>	30 <sup>3</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>8</sub>	243	EB4-175A	4	6 <sup>3</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>8</sub>	8	29
100(150)AFE45.5	4	28 <sup>1</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	5 <sup>5</sup> / <sub>8</sub>	14 <sup>3</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>2</sub>	10 <sup>7</sup> / <sub>8</sub>	27 <sup>1</sup> / <sub>4</sub>	30 <sup>3</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>8</sub>	243	EB6-240(165)	6	9 <sup>3</sup> / <sub>8</sub>	11	7 <sup>1</sup> / <sub>8</sub>	8	51
100(150)AFE47.5	4	25 <sup>1</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	4 <sup>7</sup> / <sub>8</sub>	14 <sup>3</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>8</sub>	10 <sup>7</sup> / <sub>8</sub>	28 <sup>5</sup> / <sub>8</sub>	32 <sup>1</sup> / <sub>2</sub>	7 <sup>3</sup> / <sub>8</sub>	265	EB4-175A	4	6 <sup>3</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>8</sub>	8	29
100(150)AFE47.5	4	28 <sup>1</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	5 <sup>5</sup> / <sub>8</sub>	14 <sup>3</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>2</sub>	10 <sup>7</sup> / <sub>8</sub>	28 <sup>5</sup> / <sub>8</sub>	32 <sup>1</sup> / <sub>2</sub>	7 <sup>3</sup> / <sub>8</sub>	265	EB6-240(165)	6	9 <sup>3</sup> / <sub>8</sub>	11	7 <sup>1</sup> / <sub>8</sub>	8	51

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

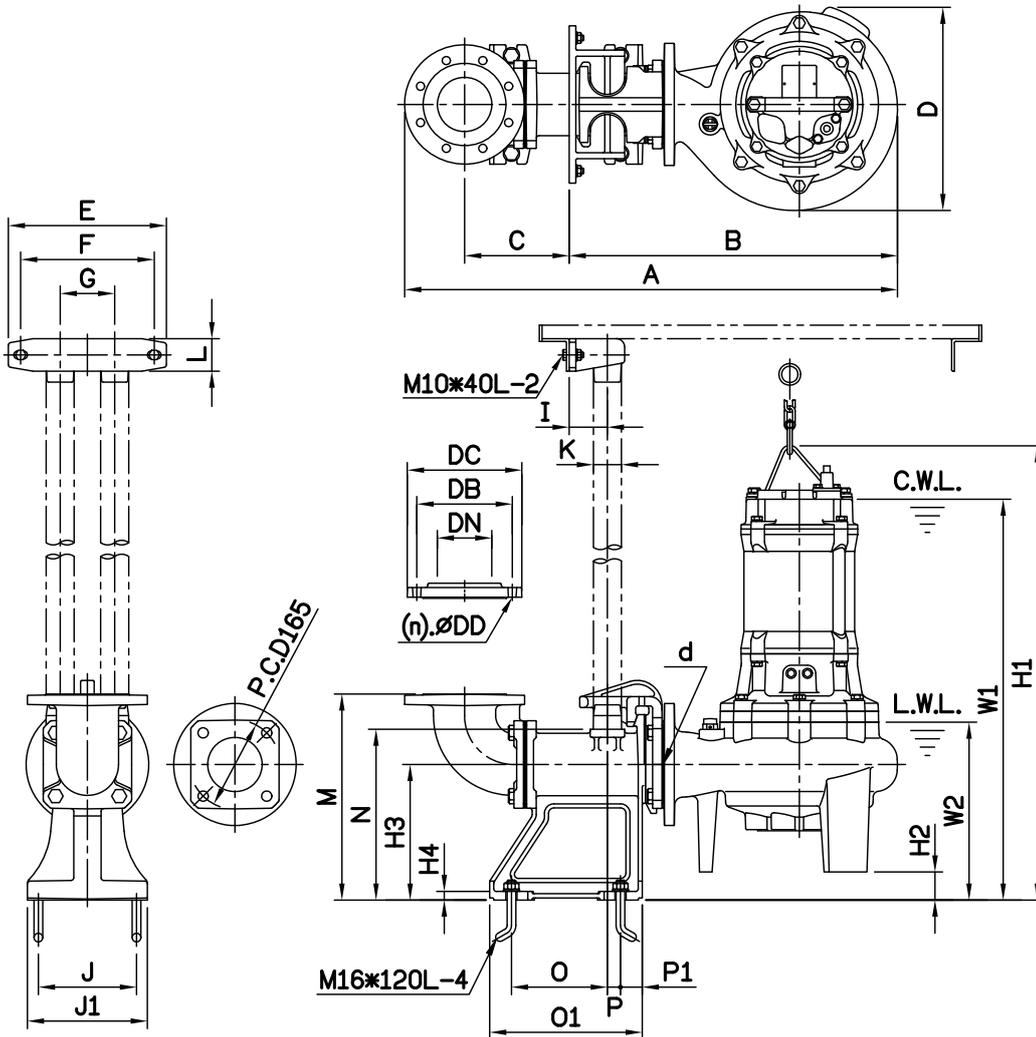
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

## DIMENSIONS

NO: T6AFE475030-00

MODEL: 100(150)AFE45.5 / 47.5

50Hz 3Ø



Flange	
Female Thread	
PT	NPT

Dimensions—mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF4-175	100	175	210	15	8
EF6-240	150	240	280	23	8

Dimensions—inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF4-175	4	6 <sup>7</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>4</sub>	<sup>3</sup> / <sub>8</sub>	8
EF6-240	6	9 <sup>5</sup> / <sub>8</sub>	11	<sup>7</sup> / <sub>8</sub>	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
100(150)AFE45.5	100	907	605	192	374	290	245	100	70	180	220	2"	60	380	315	176	280	24	40	739	328	838	52	250	16	110	T100B	45
100(150)AFE47.5	100	907	605	192	374	290	245	100	70	180	220	2"	60	380	315	176	280	24	40	779	328	878	52	250	16	120	T100B	45
100(150)AFE45.5	100	967	605	192	374	290	245	100	70	180	220	2"	60	410	315	176	280	24	40	739	328	838	52	250	16	110	T150(100)B	50
100(150)AFE47.5	100	967	605	192	374	290	245	100	70	180	220	2"	60	410	315	176	280	24	40	779	328	878	52	250	16	120	T150(100)B	50

Dimensions—inch

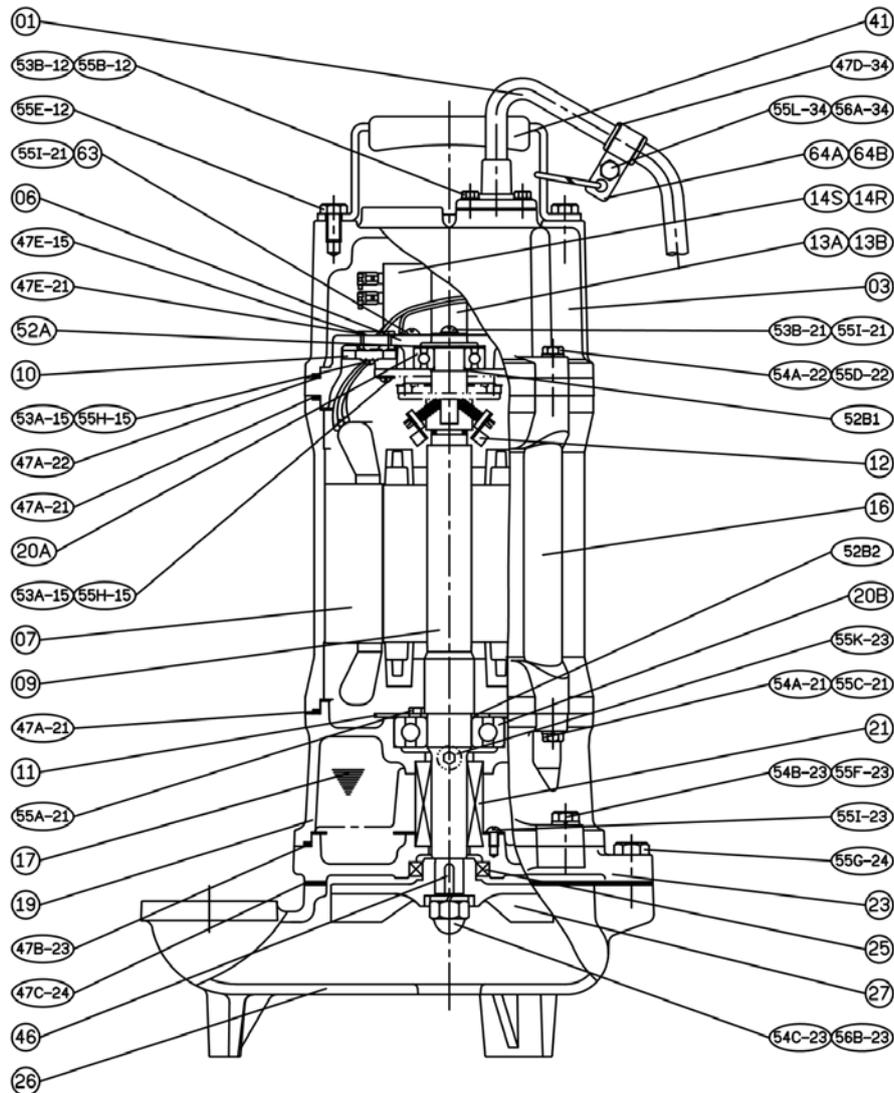
Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	Weight:lb	
																											GRS Set	WT2
100(150)AFE45.5	4	35 <sup>1</sup> / <sub>8</sub>	23 <sup>3</sup> / <sub>8</sub>	7 <sup>5</sup> / <sub>8</sub>	14 <sup>3</sup> / <sub>4</sub>	11 <sup>7</sup> / <sub>8</sub>	9 <sup>5</sup> / <sub>8</sub>	3 <sup>15</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>	2	2 <sup>3</sup> / <sub>8</sub>	14 <sup>15</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	6 <sup>15</sup> / <sub>8</sub>	11	1 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	12 <sup>15</sup> / <sub>8</sub>	33	2 <sup>1</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>8</sub>	<sup>5</sup> / <sub>8</sub>	243	T100B	99
100(150)AFE47.5	4	35 <sup>1</sup> / <sub>8</sub>	23 <sup>3</sup> / <sub>8</sub>	7 <sup>5</sup> / <sub>8</sub>	14 <sup>3</sup> / <sub>4</sub>	11 <sup>7</sup> / <sub>8</sub>	9 <sup>5</sup> / <sub>8</sub>	3 <sup>15</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>	2	2 <sup>3</sup> / <sub>8</sub>	14 <sup>15</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	6 <sup>15</sup> / <sub>8</sub>	11	1 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>8</sub>	30 <sup>1</sup> / <sub>2</sub>	12 <sup>15</sup> / <sub>8</sub>	34 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>8</sub>	<sup>5</sup> / <sub>8</sub>	265	T100B	99
100(150)AFE45.5	4	38 <sup>1</sup> / <sub>8</sub>	23 <sup>3</sup> / <sub>8</sub>	7 <sup>5</sup> / <sub>8</sub>	14 <sup>3</sup> / <sub>4</sub>	11 <sup>7</sup> / <sub>8</sub>	9 <sup>5</sup> / <sub>8</sub>	3 <sup>15</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>	2	2 <sup>3</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>2</sub>	12 <sup>3</sup> / <sub>8</sub>	6 <sup>15</sup> / <sub>8</sub>	11	1 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	12 <sup>15</sup> / <sub>8</sub>	33	2 <sup>1</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>8</sub>	<sup>5</sup> / <sub>8</sub>	243	T150(100)B	110
100(150)AFE47.5	4	36 <sup>1</sup> / <sub>8</sub>	22 <sup>1</sup> / <sub>8</sub>	7 <sup>5</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	11 <sup>7</sup> / <sub>8</sub>	9 <sup>5</sup> / <sub>8</sub>	3 <sup>15</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>	2	2 <sup>3</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>2</sub>	12 <sup>3</sup> / <sub>8</sub>	6 <sup>15</sup> / <sub>8</sub>	11	1 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>8</sub>	30 <sup>1</sup> / <sub>2</sub>	13 <sup>3</sup> / <sub>8</sub>	34 <sup>3</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>8</sub>	<sup>5</sup> / <sub>8</sub>	249	T150(100)B	110

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

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





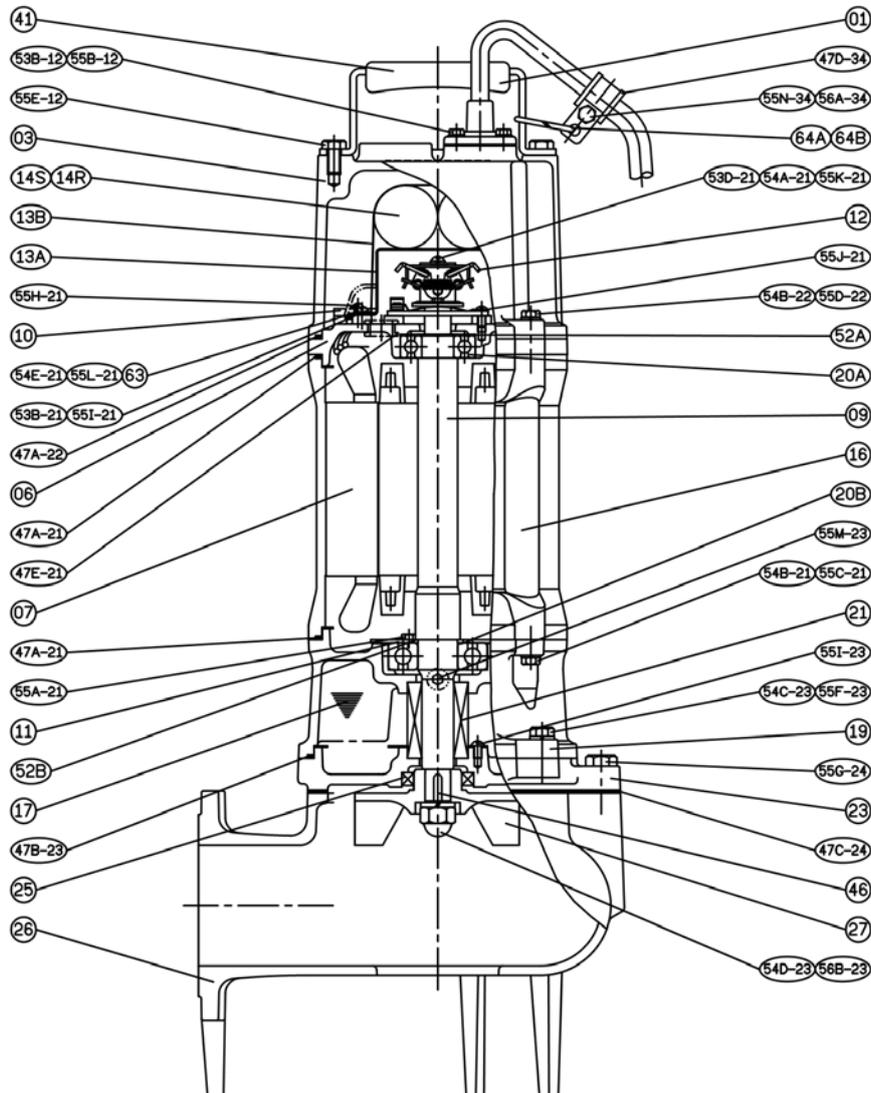


NO.	Part name	Material	QTY
01	Cable		1
03	Upper Cover	FC200	1
06	Bracket	FC200	1
07	Stator		1
09	Shaft End	SUS403	1
10	Auto-cut Protector		1
11	Bearing Fixer	SPCC	1
12	Centrifugal Switch		1
14R	Capacitor		1
14S	Start Capacitor		1
16	Motor Frame	FC200	1
17	Lubricant		
19	Bearing Bracket	FC200	1
20A	Bearing		1

NO.	Part name	Material	QTY
20B	Bearing		1
21	M. Seal	CA/CE & SiC/SiC	1
23	M. Seal Bracket	FC200	1
25	Oil Seal	NBR	1
26	Casing	FC200	1
27	Impeller	FC200	1
41	Handle	SUS304	1
46	Impeller Key	SUS304	1
47	Gasket Kit		







NO.	Part name	Material	QTY
01	Cable		1
03	Upper Cover	FC200	1
06	Bracket	FC200	1
07	Stator		1
09	Shaft End	SUS403	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	FC200	1
17	Lubricant		
19	Bearing Bracket	FC200	1
20A	Bearing		1

NO.	Part name	Material	QTY
20B	Bearing		1
21	M. Seal	CA/CE & SiC/SiC	1
23	M. Seal Bracket	FC200	1
25	Oil Seal	NBR	1
26	Casing	FC200	1
27	Impeller	FC200	1
41	Handle	SUS304	1
46	Impeller Key	SUS304	1
47	Gasket Kit		



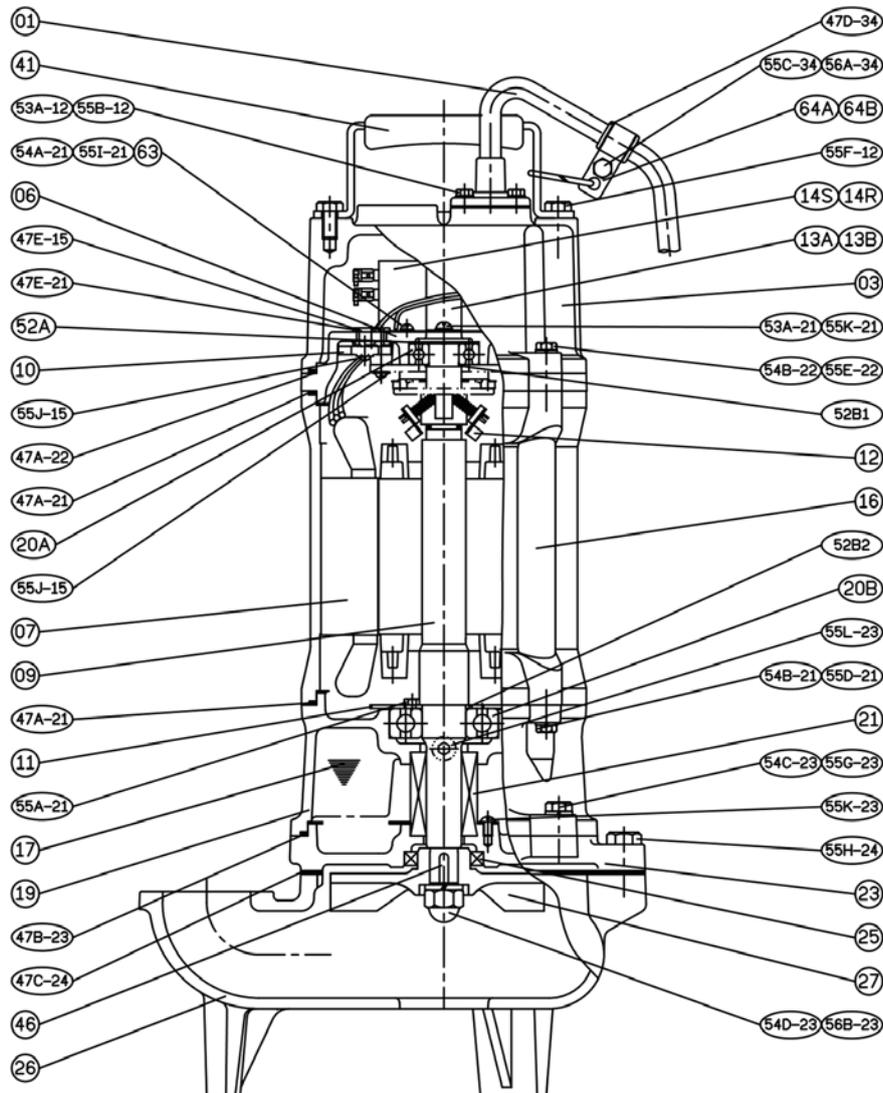












NO.	Part name	Material	QTY
01	Cable		1
03	Upper Cover	FC200	1
06	Bracket	FC200	1
07	Stator		1
09	Shaft End	SUS403	1
10	Auto-cut Protector		1
11	Bearing Fixer	SPCC	1
12	Centrifugal Switch		1
14R	Capacitor		1
14S	Start Capacitor		1
16	Motor Frame	FC200	1
17	Lubricant		
19	Bearing Bracket	FC200	1
20A	Bearing		1

NO.	Part name	Material	QTY
20B	Bearing		1
21	M. Seal	CA/CE & SiC/SiC	1
23	M. Seal Bracket	FC200	1
25	Oil Seal	NBR	1
26	Casing	FC200	1
27	Impeller	FC200	1
41	Handle	SUS304	1
46	Impeller Key	SUS304	1
47	Gasket Kit		





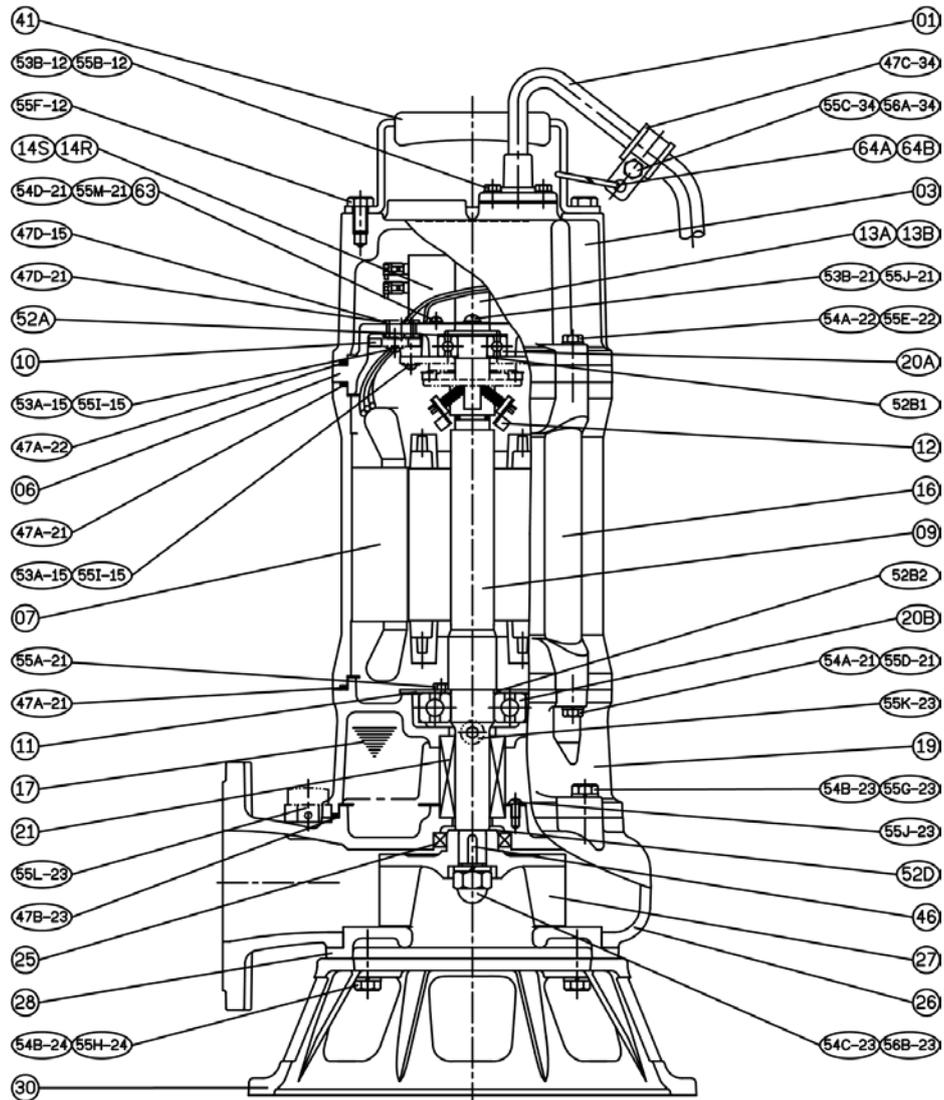






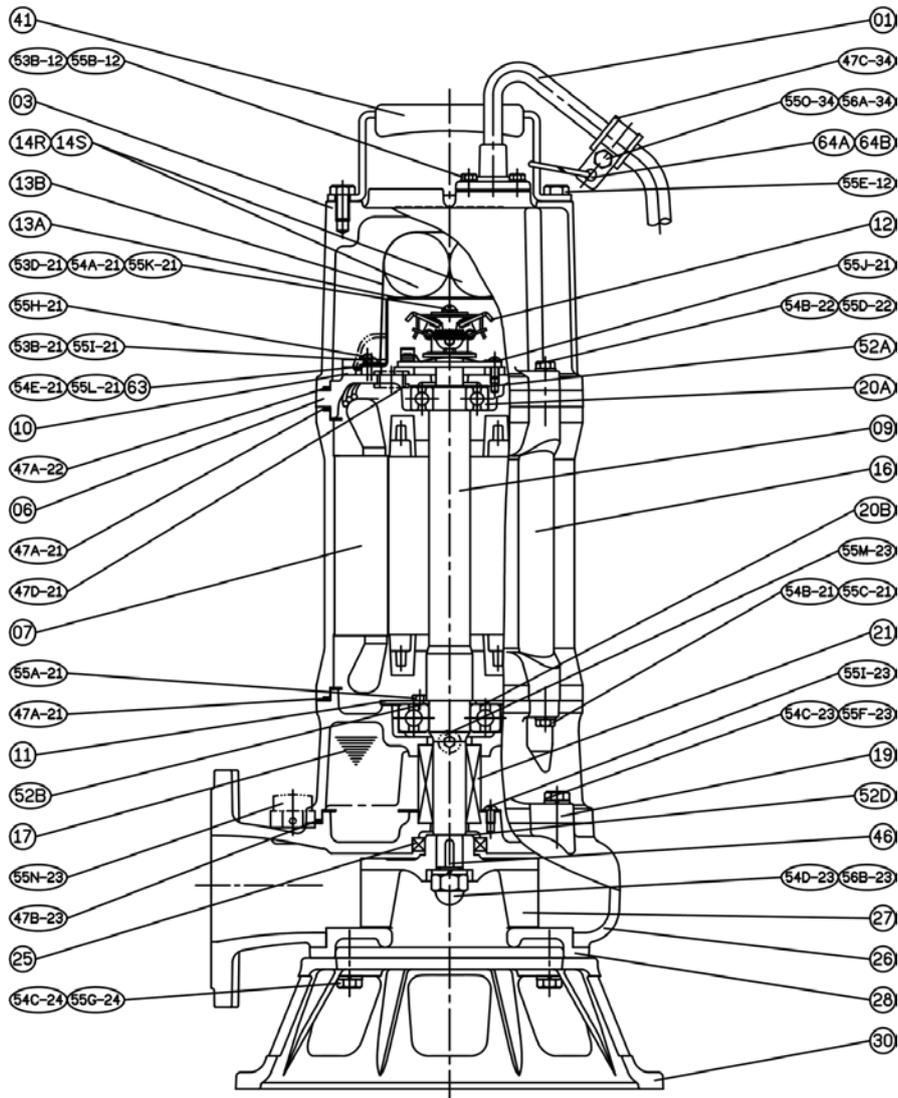






NO.	Part name	Material	QTY
01	Cable		1
03	Upper Cover	FC200	1
06	Bracket	FC200	1
07	Stator		1
09	Shaft End	SUS403	1
10	Auto-cut Protector		1
11	Bearing Fixer	SPCC	1
12	Centrifugal Switch		1
14R	Capacitor		1
14S	Start Capacitor		1
16	Motor Frame	FC200	1
17	Lubricant		
19	Bearing Bracket	FC200	1
20A	Bearing		1

NO.	Part name	Material	QTY
20B	Bearing		1
21	M. Seal	CA/CE & SiC/SiC	1
25	Oil Seal	NBR	1
26	Casing	FC200	1
27	Impeller	FC200	1
28	Casing Cover	FC200	1
30	Footing	FCD450	1
41	Handle	SUS304	1
46	Impeller Key	SUS304	1
47	Gasket Kit		



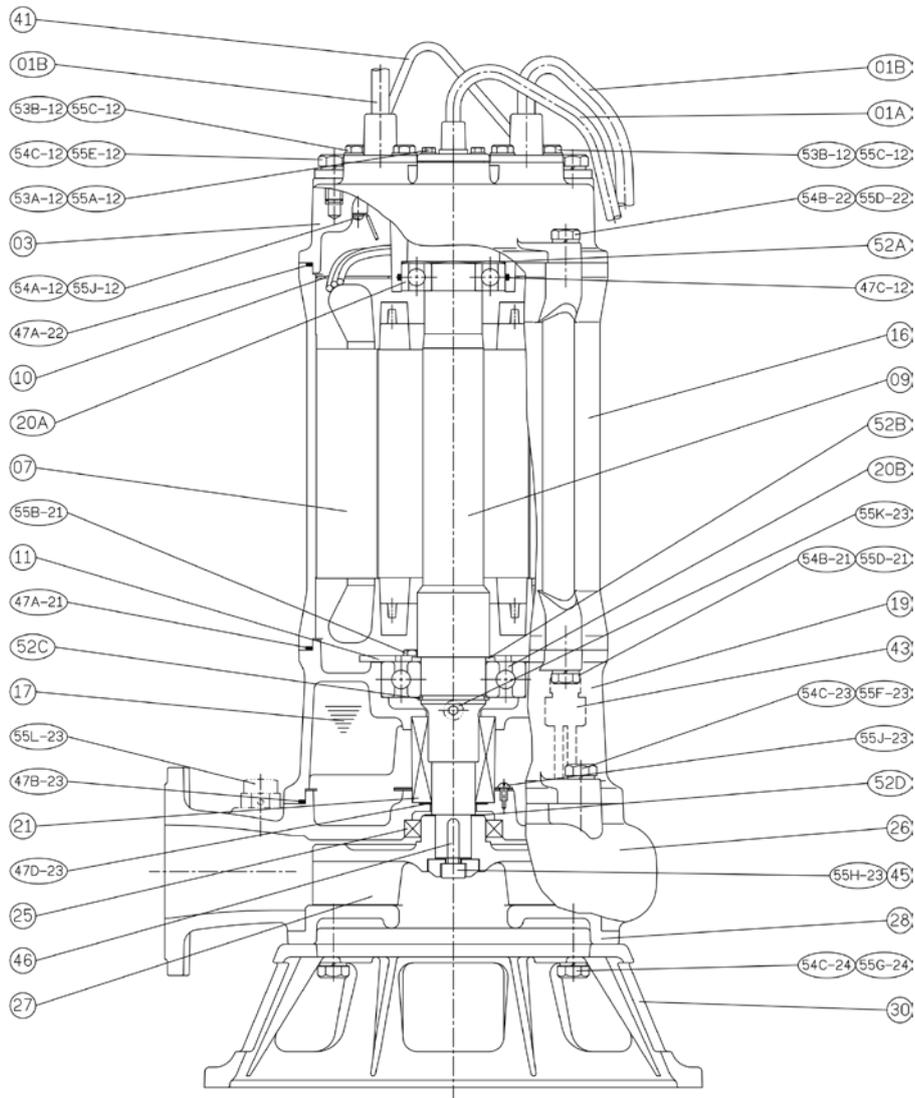
NO.	Part name	Material	QTY
01	Cable		1
03	Upper Cover	FC200	1
06	Bracket	FC200	1
07	Stator		1
09	Shaft End	SUS403	1
10	Auto-cut Protector		1
11	Bearing Fixer	SPCC	1
12	Centrifugal Switch		1
14R	Capacitor		1
14S	Start Capacitor		1
16	Motor Frame	FC200	1
17	Lubricant		
19	Bearing Bracket	FC200	1
20A	Bearing		1

NO.	Part name	Material	QTY
20B	Bearing		1
21	M. Seal	CA/CE & SiC/SiC	1
25	Oil Seal	NBR	1
26	Casing	FC200	1
27	Impeller	FC200	1
28	Casing Cover	FC200	1
30	Footing	FCD450	1
41	Handle	SUS304	1
46	Impeller Key	SUS304	1
47	Gasket Kit		



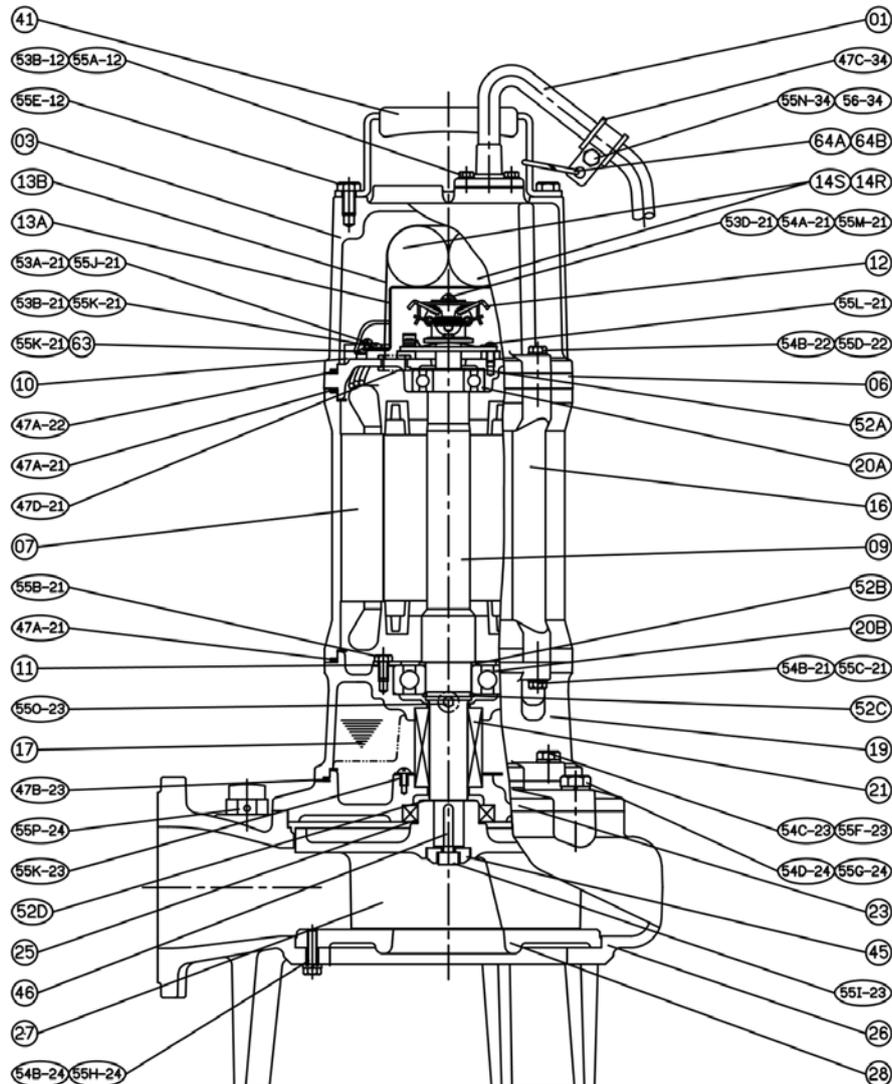






NO.	Part name	Material	QTY
01A	Cable		1
01B	Cable		2
03	Upper Cover	FC200	1
07	Stator (With MTS)		1
09	Shaft End	SUS420J2	1
10	Protective Plate		1
11	Bearing Fixer	SPCC	1
16	Motor Frame	FC200	1
17	Lubricant		
19	Bearing Bracket	FC200	1
20A	Bearing		1
20B	Bearing		1
21	M. Seal	CA/CE & SiC/SiC	1
25	Oil Seal	NBR	1

NO.	Part name	Material	QTY
26	Casing	FC200	1
27	Impeller	FC200	1
28	Casing Cover	FC200	1
30	Footing	FC200	1
41	Handle	SUS304	1
43	Moisture Sensor		1
46	Impeller Key	SUS304	1
47	Gasket Kit		

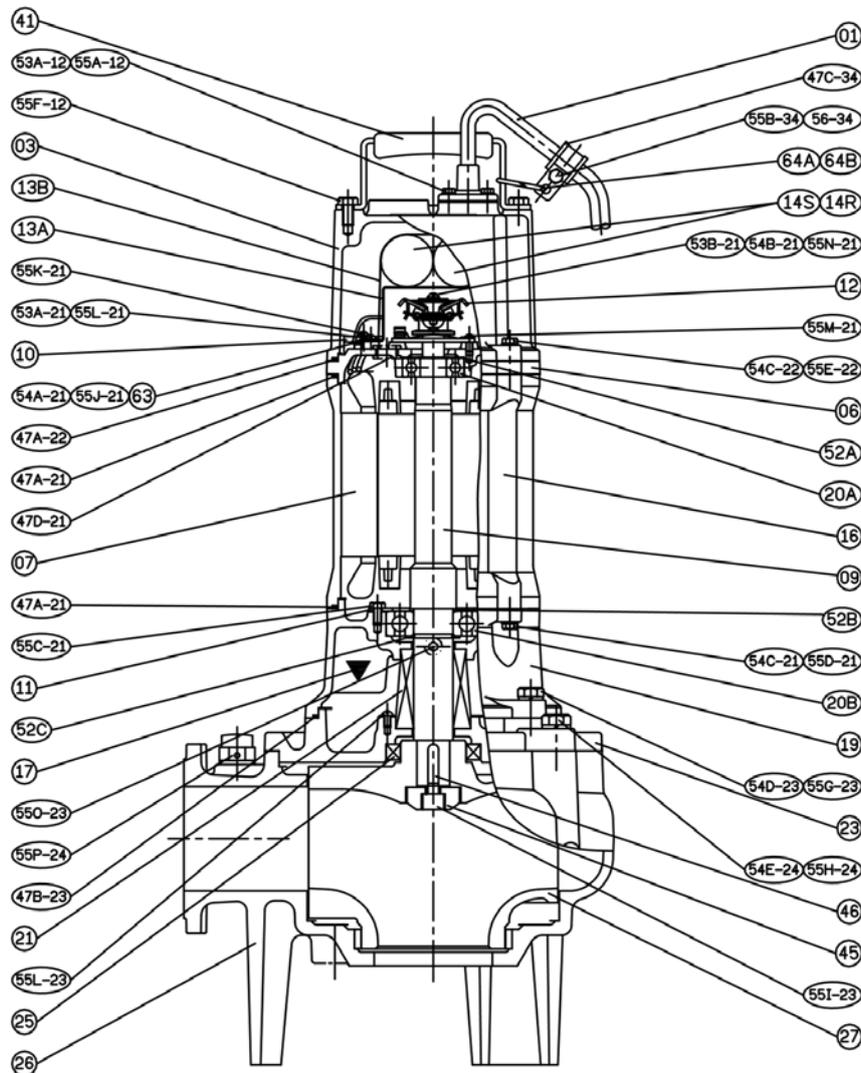


NO.	Part name	Material	QTY
01	Cable		1
03	Upper Cover	FC200	1
06	Bracket	FC200	1
07	Stator		1
09	Shaft End	SUS403	1
10	Auto-cut Protector		1
11	Bearing Fixer	SPCC	1
12	Centrifugal Switch		1
14R	Capacitor		1
14S	Start Capacitor		1
16	Motor Frame	FC200	1
17	Lubricant		
19	Bearing Bracket	FC200	1
20A	Bearing		1

NO.	Part name	Material	QTY
20B	Bearing		1
21	M. Seal	CA/CE & SiC/SiC	1
23	M. Seal Bracket	FC200	1
25	Oil Seal	NBR	1
26	Casing	FC200	1
27	Impeller	FC200	1
28	Casing Cover	FC200	1
41	Handle	SUS304	1
46	Impeller Key	SUS304	1
47	Gasket Kit		







NO.	Part name	Material	QTY
01	Cable		1
03	Upper Cover	FC200	1
06	Bracket	FC200	1
07	Stator		1
09	Shaft End	SUS403	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	FC200	1
17	Lubricant		
19	Bearing Bracket	FC200	1
20A	Bearing		1

NO.	Part name	Material	QTY
20B	Bearing		1
21	M. Seal	CA/CE&SiC/SiC	1
23B	M. Seal Bracket	FC200	1
25	Oil Seal	SUS304+NBR	1
26	Casing+Wear Ring	FC200+BC6	1
27	Impeller	FC200	1
41	Handle	SUS304+NBR	1
46	Impeller Key	SUS304	1
47	Gasket Kit		











Professionalism • Innovation • Service • Commitment

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# AF SERIES

## SUBMERSIBLE SEWAGE / WASTEWATER PUMPS

**POWER :** 15~60HP (11~45kW)

**MAX.HEAD :** 49m (161feet)

**MAX.FLOW :** 31m<sup>3</sup>/min (1860m<sup>3</sup>/h)



### PRODUCT NOMENCLATURE

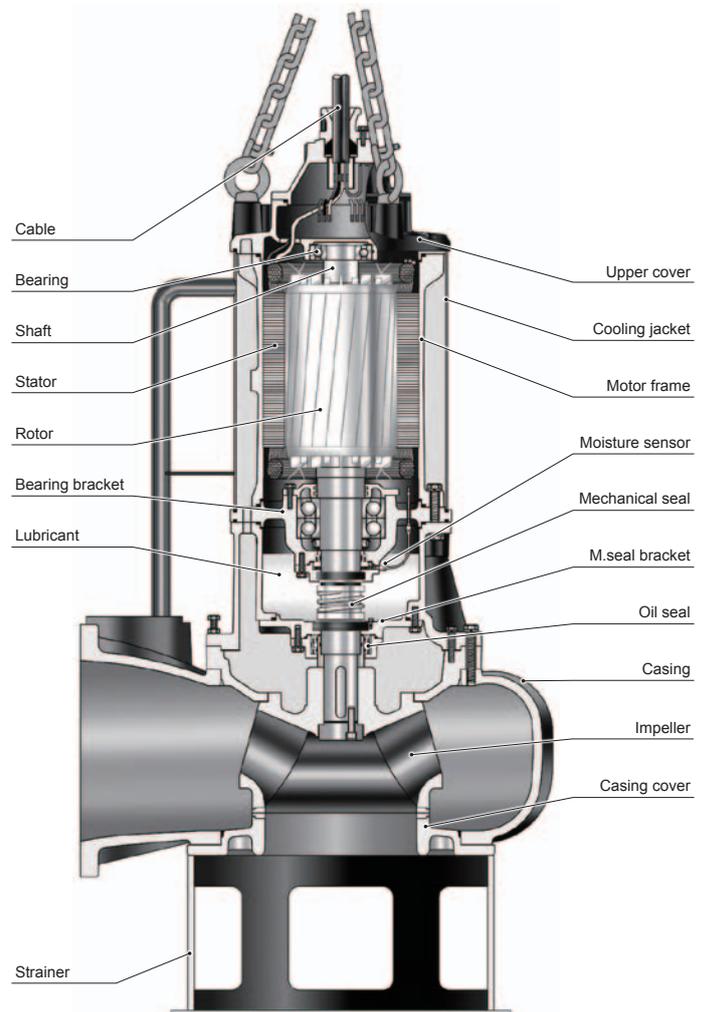
Example :  $\frac{\text{AF}}{\text{Type}} - \frac{16}{\text{Discharge inch}} \frac{50}{\text{HP}}$

### FEATURE

- Pump body is made of cast iron and with high solids epoxy coating which offers the highest quality and performance.
- Triangular handle is designed for easy handling on Guide Rail System (model above 5HP).
- Oil Elevation Disk design in the oil chamber to ensure the mechanical seals lubrication and to extend the service life of pump.
- Eco-friendly Food Grade Lubricant to keep wastewater applications a toxic free environment.

### APPLICATIONS

- Residential buildings, hospitals, commercial buildings and household usages.
- Livestock farming, pig farming, dairy farming and sewage treatment.
- Food industry, pulp and paper industry, mining, dyeing and finishing factory, leather factory, steel manufacturer, electronics industry and wastewater treatment.
- Hydraulic engineering and flood control.
- Sanitary sewer pumping.



# AF SERIES SUBMERSIBLE SEWAGE / WASTEWATER PUMPS 100(150)AFE411 · 100(150)AFE415

## SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Wastewater · Sewage
Type	Frequency	50Hz
	Motor	4P(1500rpm) · Dry Motor
	Insulation	Class H
	Protection	IP68
	Protector	MTS & MS
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Channel
Material	Upper Cover	FC200
	Motor Frame	FC200
	Shaft	SUS420J2
	M.seal	CA/CE & SIC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SOW
Optional	-	



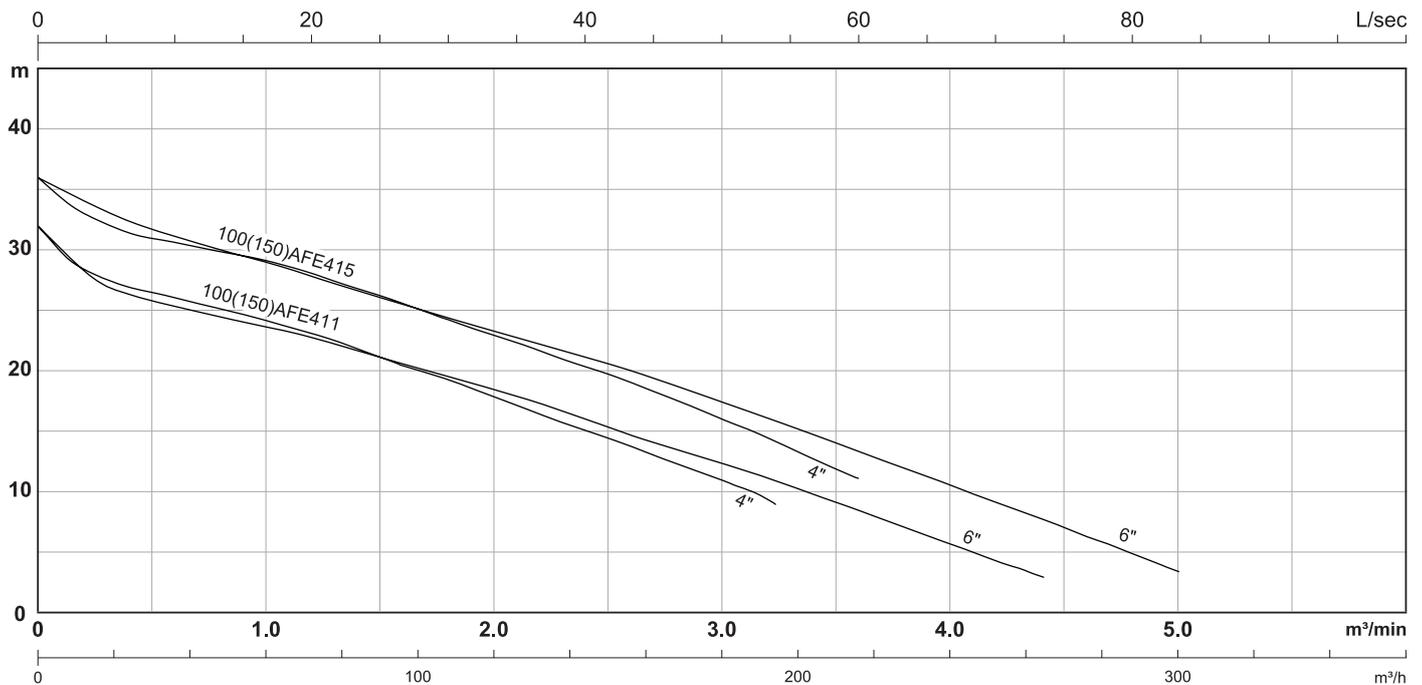
E Type Channel Impeller



100(150)AFE411 · 100(150)AFE415

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase Voltage	Full load Ampere						
			m-m³/min	m-m³/h	m-m³/min	m-m³/h		1Ø-kg(lb)	3Ø-kg(lb)		1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
100(150) AFE411	15(11)	4"(100)	24-1.0	24-60	32-3.3	32-198	76(3")	-	164(362)	Full load Ampere	-	-	41.8	23.4	23.0	23.0	18.4
		6"(150)	15.5-2.5	15.5-150	32-4.5	32-270	76(3")	-	164(362)		-	-	41.8	23.4	23.0	23.0	18.4
100(150) AFE415	20(15)	4"(100)	29-1.0	29-60	36-3.6	36-216	76(3")	-	176(388)		-	-	55.2	31.0	30.4	30.4	24.3
		6"(150)	21-2.5	21-150	36-5.2	36-312	76(3")	-	176(388)		-	-	55.2	31.0	30.4	30.4	24.3

## PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min Q:m³/h	H:m												Q:L/sec	H:m							
				0.5 30	1.0 60	1.5 90	2.0 120	2.5 150	3.0 180	3.5 210	4.5 270	10	20	30	40		50	60	70	80				
100(150) AFE411	15(11)	4"(100)	H:m	28.0	24.0	20.8	17.4	14.0	10.6	-	-	H:m	27.2	22.8	18.8	14.7	10.6	-	-	-				
		6"(150)		27.4	24.0	21.0	18.2	15.6	12.7	9.4	-		26.6	22.8	19.4	16.0	12.7	8.8	4.4	-				
100(150) AFE415	20(15)	4"(100)		31.0	29.4	26.0	23.2	19.5	16.0	12.0	-		31.2	27.8	24.4	20.0	16.0	-	-	-				
		6"(150)		32.0	29.0	27.0	24.5	21.0	17.8	14.3	7.4		31.5	28.5	25.4	21.9	17.8	13.6	9.5	5.2				

# AF SERIES SUBMERSIBLE SEWAGE / WASTEWATER PUMPS 100(150)AFE422 · 100(150)AFE430

## SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Wastewater · Sewage
Type	Frequency	50Hz
	Motor	4P(1500rpm) · Dry Motor
	Insulation	Class H
	Protection	IP68
	Protector	MTS & MS
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Channel
Material	Upper Cover	FC200
	Motor Frame	FC200
	Shaft	SUS420J2
	M.seal	CA/CE & SIC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SOW
Optional	-	



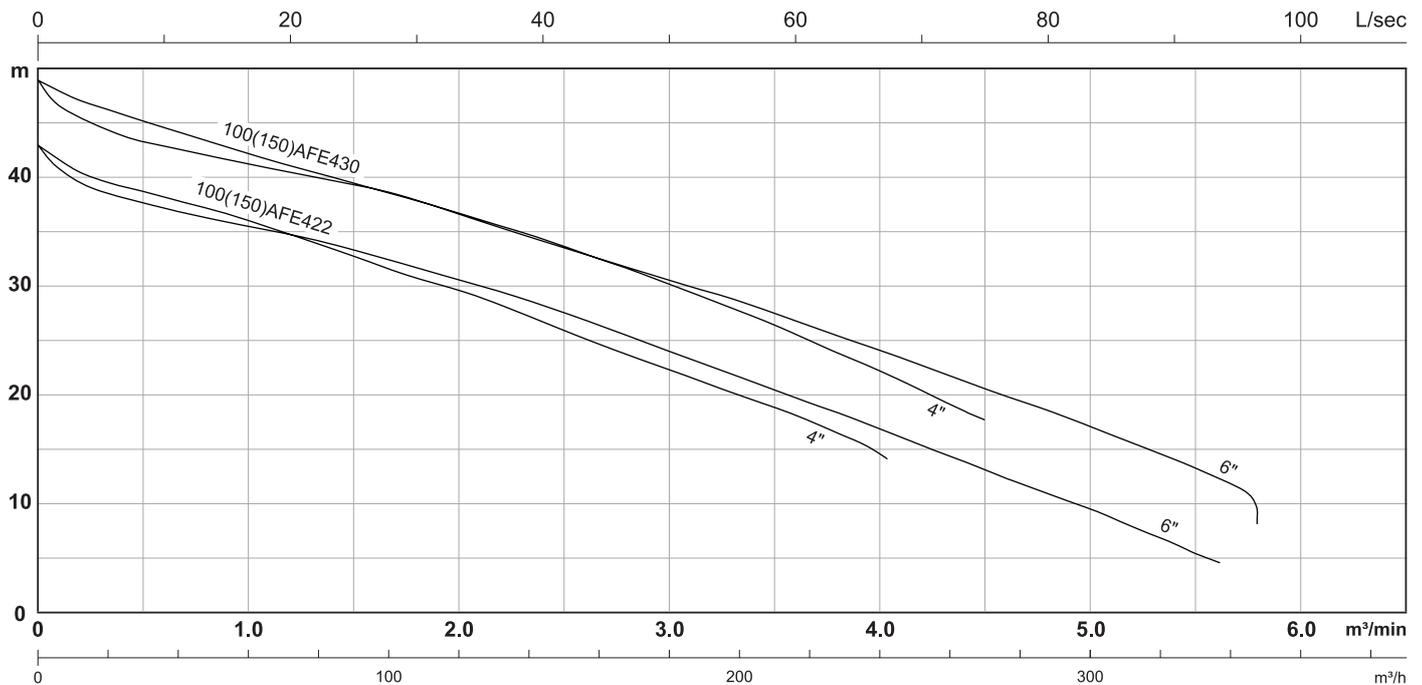
E Type Channel Impeller



100(150)AFE422 · 100(150)AFE430

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase Voltage	Full load Ampere						
			m-m³/min	m-m³/h	m-m³/min	m-m³/h		1Ø-kg(lb)	3Ø-kg(lb)		1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
100(150) AFE422	30(22)	4"(100)	35.5-1.0	35.5-60	43-4.0	43-240	76(3")	-	229(505)	Full load Ampere	-	-	78.0	43.8	43.0	43.0	34.4
		6"(150)	27.5-2.5	27.5-150	43-5.6	43-336	76(3")	-	229(505)		-	-	78.0	43.8	43.0	43.0	34.4
100(150) AFE430	40(30)	4"(100)	42-1.0	42-60	49-4.5	49-270	76(3")	-	250(551)		-	-	101.0	57.4	55.6	55.6	44.5
		6"(150)	33.5-2.5	33.5-150	49-6.0	49-360	76(3")	-	250(551)		-	-	101.0	57.4	55.6	55.6	44.5

## PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min Q:m³/h	H:m												Q:L/sec	H:m							
				0.5 30	1.0 60	1.5 90	2.0 120	3.0 180	4.0 240	5.0 300	6.0 360	10	20	30	40		50	60	80	100				
100(150) AFE422	30(22)	4"(100)	H:m	38.8	35.4	32.4	29.0	22.2	14.2	-	-	H:m	38.2	34.2	30.4	26.4	22.2	17.8	-	-				
		6"(150)		37.6	35.6	33.2	30.0	24.6	16.8	8.6	-		-	37.0	35.0	31.2	28.0	24.6	20.0	10.2	-			
100(150) AFE430	40(30)	4"(100)		45.8	42.6	39.7	36.6	30.0	22.2	-	-		45.0	41.4	37.8	34.1	30.0	25.6	-	-				
		6"(150)		43.4	41.3	39.2	36.0	31.1	24.6	17.0	5.0		43.0	40.2	38.0	34.1	31.1	27.4	18.6	5.0				

# AF SERIES SUBMERSIBLE SEWAGE / WASTEWATER PUMPS

## 150(200)AFE422 · 150(200)AFE430

### SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Wastewater · Sewage
Type	Frequency	50Hz
	Motor	4P(1500rpm) · Dry Motor
	Insulation	Class H
	Protection	IP68
	Protector	MTS & MS
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Channel
Material	Upper Cover	FC200
	Motor Frame	FC200
	Shaft	SUS420J2
	M.seal	CA/CE & SIC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SOW
Optional	-	



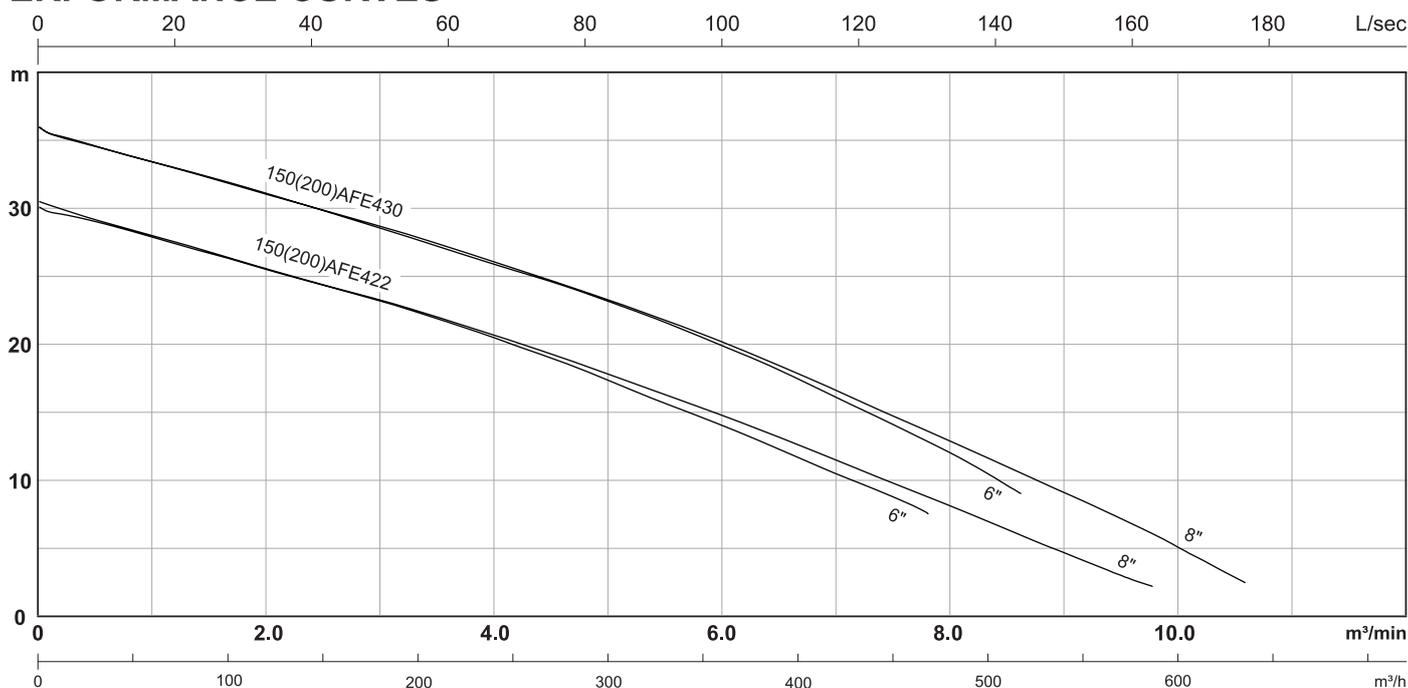
E Type Channel Impeller



150(200)AFE422 · 150(200)AFE430

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(lb)	3Ø-kg(lb)								
150(200) AFE422	30(22)	6"(150)	24-2.5	24-150	30.5-7.9	30.5-474	76(3")	-	276(608)	Full load Ampere	-	-	78.0	43.8	43.0	43.0	34.4
		8"(200)	19-4.5	19-270	30.5-9.6	30.5-576	76(3")	-	276(608)		-	-	78.0	43.8	43.0	43.0	34.4
150(200) AFE430	40(30)	6"(150)	30-2.5	30-150	36.5-8.7	36.5-522	76(3")	-	298(657)		-	-	99.4	57.4	55.6	55.2	44.2
		8"(200)	25-4.5	30-270	36.5-10.3	36.5-618	76(3")	-	298(657)		-	-	99.4	57.4	55.6	55.2	44.2

### PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min Q:m³/h	Q:L/sec										Q:L/sec							
				1.0 60	2.0 120	3.0 180	4.0 240	5.0 300	6.0 360	8.0 480	10.0 600	20	40	60	80	100	120	140	160		
150(200) AFE422	30(22)	6"(150)	H:m	28.0	25.6	23.2	20.4	17.2	14.0	-	-	H:m	27.4	24.6	21.8	18.0	14.0	10.0	-	-	
		8"(200)		28.0	25.6	23.2	20.6	18.0	15.0	8.0	-		27.4	24.6	21.8	18.4	15.0	11.0	6.8	2.8	
150(200) AFE430	40(30)	6"(150)		33.4	31.2	28.8	26.0	23.2	20.0	12.0	-		33.0	30.0	27.0	23.8	20.0	15.2	10.2	-	
		8"(200)		33.4	31.2	28.8	26.0	23.2	20.2	13.0	5.0		33.0	30.0	27.0	23.8	20.2	16.0	11.4	6.8	

# AF SERIES SUBMERSIBLE SEWAGE / WASTEWATER PUMPS

## AF-815A · AF-820A

### SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Wastewater · Sewage
Type	Frequency	50Hz
	Motor	4P(1500rpm) · Dry Motor
	Insulation	Class H
	Protection	IP68
	Protector	MTS & MS
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Channel
Material	Upper Cover	FC200
	Motor Frame	FC200
	Shaft	SUS420J2
	M.seal	CA/CE & SiC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SOW
Optional		-



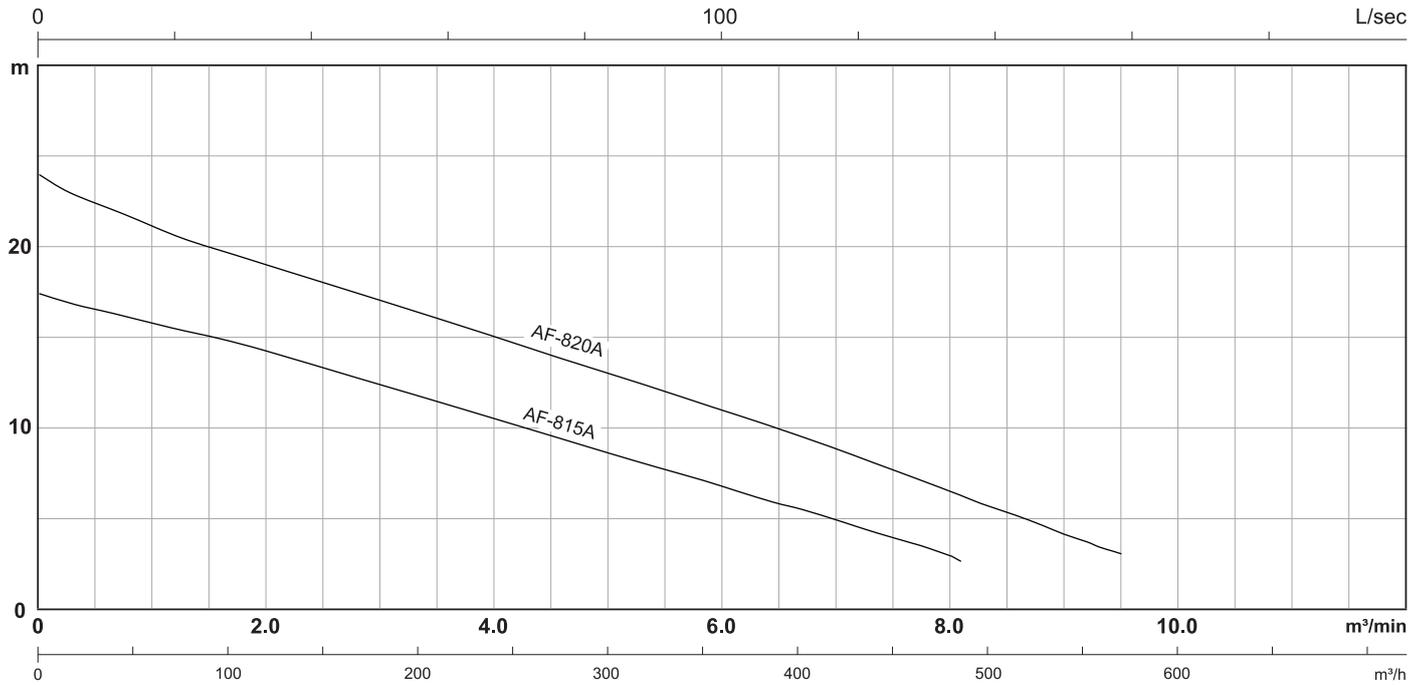
E Type Channel Impeller



AF-815A · AF-820A

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase Voltage	Full load Ampere						
			m-m <sup>3</sup> /min	m-m <sup>3</sup> /h	m-m <sup>3</sup> /min	m-m <sup>3</sup> /h		1Ø-kg(lbs)	3Ø-kg(lbs)		1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	
AF-815A	15(11)	8"(200)	9.5-4.5	9.5-270	17.5-9.0	17.5-540	75(3")	-	211(465)		-	-	41.8	23.4	23.0	23.0	18.4
AF-820A	20(15)	8"(200)	14-4.5	14-270	24-9.5	24-570	75(3")	-	223(492)		-	-	55.2	31.0	30.4	30.4	24.3

### PERFORMANCE CURVES



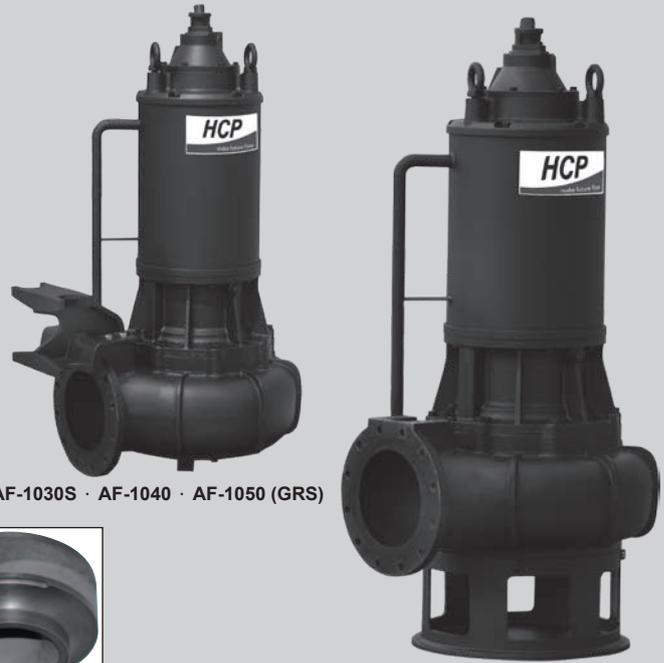
Model	Power HP(kW)	Discharge inch(mm)	Q:m <sup>3</sup> /min										Q:L/sec							
			1.0	2.0	3.0	4.0	5.0	6.0	8.0	10.0	20	40	60	80	100	120	140	160		
AF-815A	15(11)	8"(200)	15.8	14.4	12.4	10.6	8.8	6.8	3.0	-										
AF-820A	20(15)	8"(200)	21.2	19.0	17.0	15.0	13.2	11.0	6.4	-										

# AF SERIES SUBMERSIBLE SEWAGE / WASTEWATER PUMPS

## AF-1030S · AF-1040 · AF-1050

### SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Wastewater · Sewage
Type	Frequency	50Hz
	Motor	4P(1500rpm) · Dry Motor
	Insulation	Class H
	Protection	IP68
	Protector	MTS & MS
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Channel
Material	Upper Cover	FC200
	Motor Frame	FC200
	Shaft	SUS420J2
	M.seal	SiC/SiC & SiC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	PNCT or H07RN-F
Optional	-	

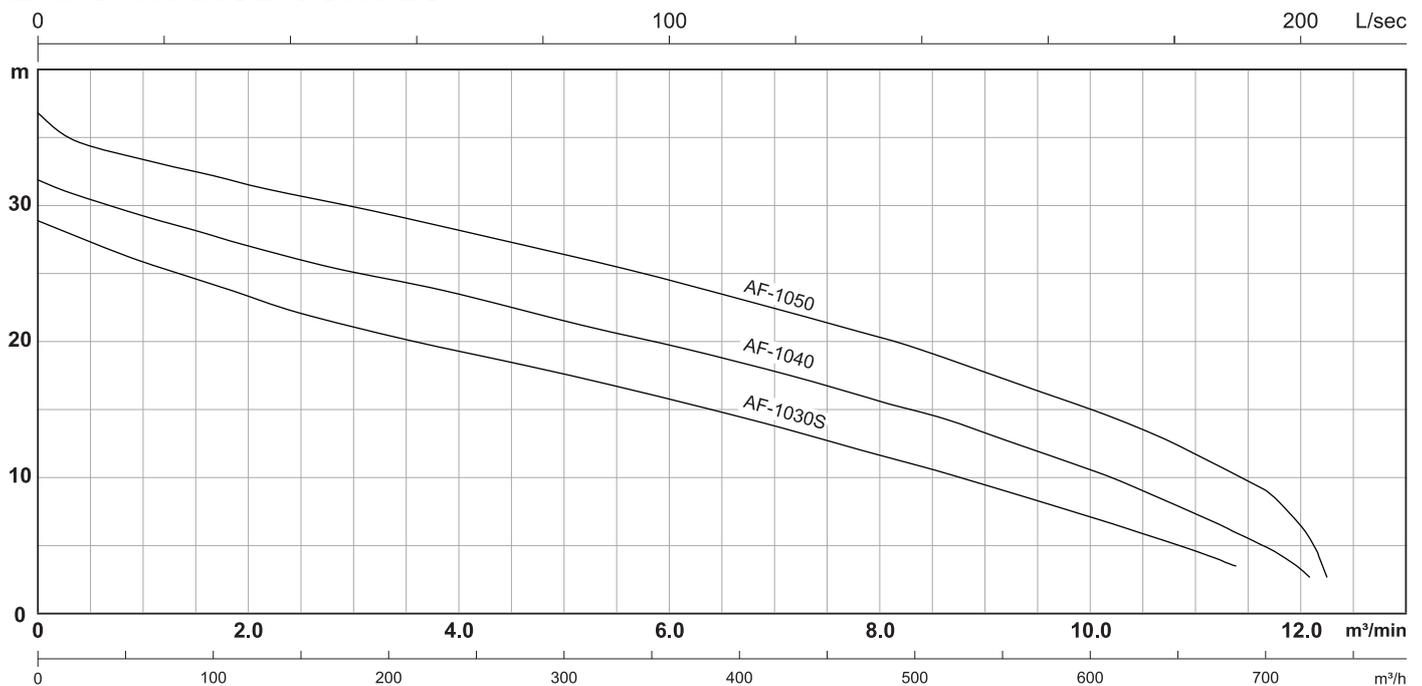


Channel Impeller

AF-1030S · AF-1040 · AF-1050 (Standard)

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase	Voltage						
			m-m <sup>3</sup> /min	m-m <sup>3</sup> /h	m-m <sup>3</sup> /min	m-m <sup>3</sup> /h		1Ø-kg(lbs)	3Ø-kg(lbs)		1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
AF-1030S	30(22)	10"(250)	14-7.0	14-420	29-12	29-720	60(2 3/8")	-	710(1565)	Full load Ampere	-	-	-	47.5	-	43.5	34.4
AF-1040	40(30)	10"(250)	17-7.0	17-420	32-12.5	32-750	60(2 3/8")	-	681(1501)		-	-	-	62.4	-	57.0	45.1
AF-1050	50(37)	10"(250)	22-7.0	22-420	37-13	37-780	60(2 3/8")	-	691(1523)		-	-	-	76.2	-	69.8	55.2

### PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m <sup>3</sup> /min												Q:L/sec							
			1.0	2.0	3.0	4.0	6.0	8.0	10.0	12.0	20	40	60	80	100	120	160	200				
AF-1030S	30(22)	10"(250)	25.8	23.2	21.0	19.2	16.2	12.0	7.3	-	26.5	23.6	20.8	18.4	16.2	13.8	8.3	-				
AF-1040	40(30)	10"(250)	29.2	27.0	25.2	23.6	20.4	16.1	11.0	3.4	29.9	27.4	25.0	22.8	20.4	17.9	12.2	3.4				
AF-1050	50(37)	10"(250)	33.4	31.6	30.0	28.2	24.8	20.3	14.9	5.8	33.6	31.6	29.5	27.2	24.8	22.2	16.0	5.8				

# AF SERIES SUBMERSIBLE SEWAGE / WASTEWATER PUMPS

## AF-1430 · AF-1440 · AF-1650 · AF-1660

### SPECIFICATIONS

Item		Description
Limits of Use	Liquid Temp.	0~40°C(32~104°F)
	Applications	Wastewater · Sewage
Type	Frequency	50Hz
	Motor	6P(1000rpm) · Dry Motor
	Insulation	Class H
	Protection	IP68
	Protector	MTS & MS
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Channel
Material	Upper Cover	FC200
	Motor Frame	FC200
	Shaft	SUS420J2
	M.seal	SiC/SiC & SiC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	PNCT or H07RN-F
Optional	-	



AF-1430 · AF-1440  
AF-1650 · AF-1660 (GRS)

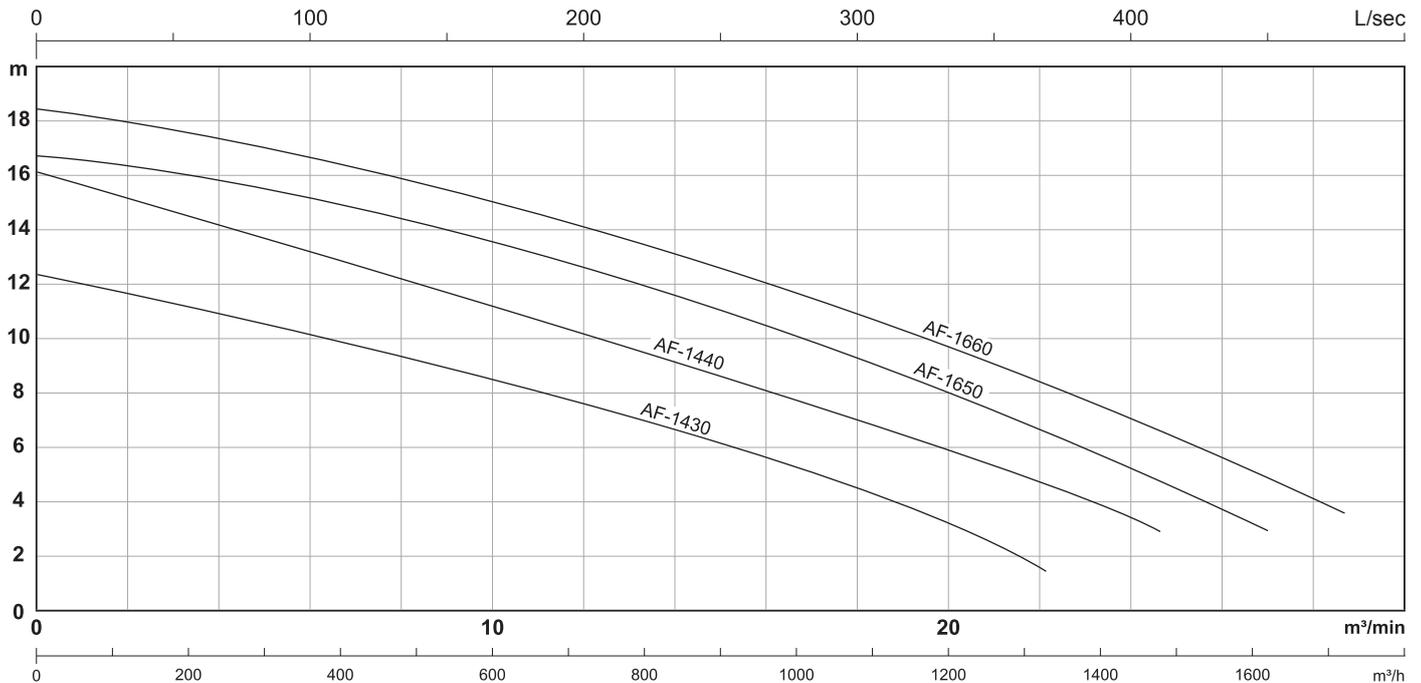


Channel Impeller

AF-1430 · AF-1440  
AF-1650 · AF-1660 (Standard)

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	
			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
AF-1430	30(22)	14"(350)	6.5-14	6.5-840	12-24	12-1440	120(4 3/4")	-	828(1825)	Full load Ampere	-	-	-	48.5	47.8	44.4	36.4
AF-1440	40(30)	14"(350)	8.5-14	8.5-840	15.5-26	15.5-1560	120(4 3/4")	-	833(1836)		-	-	-	66.0	65.1	60.4	49.6
AF-1650	50(37)	16"(400)	7.5-20	7.5-1200	16.5-29	16.5-1740	120(4 3/4")	-	965(2127)		-	-	-	80.2	79.1	73.4	60.2
AF-1660	60(45)	16"(400)	10.5-18	10.5-1080	19.5-31	19.5-1860	120(4 3/4")	-	970(2138)		-	-	-	87.5	86.0	86.0	68.8

### PERFORMANCE CURVES



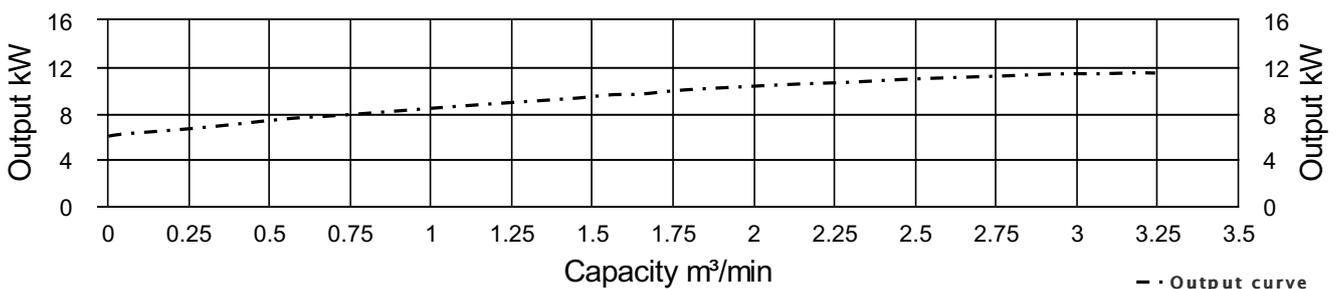
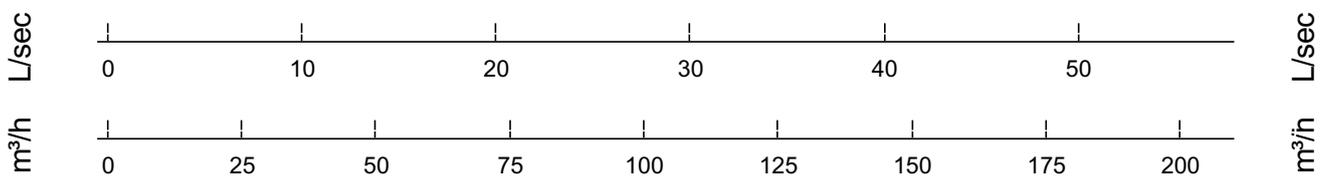
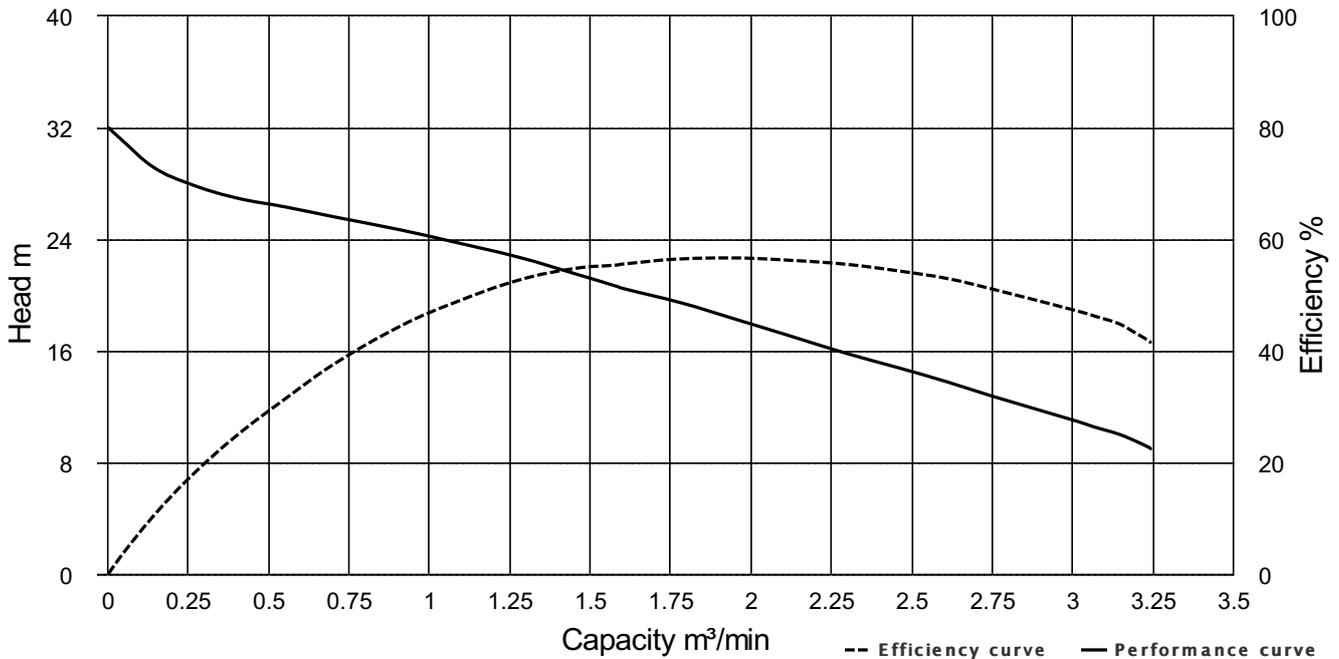
Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min											Q:L/sec							
			2.0	4.0	6.0	8.0	10	15	20	25	50	100	150	200	250	300	350	450			
AF-1430	30(22)	14"(350)	11.7	10.9	10.2	9.4	8.5	6.2	3.2	-	-	-	-	11.3	10.2	7.9	7.6	6.2	4.6	2.5	-
AF-1440	40(30)	14"(350)	14.4	13.4	12.6	11.6	10.8	8.4	5.6	-	-	-	-	14.0	12.6	11.2	10.0	8.2	6.8	5.0	-
AF-1650	50(37)	16"(400)	16.4	15.8	15.2	14.4	13.6	11.1	8.0	4.6	-	-	-	16.1	15.2	14.0	12.6	11.1	9.3	7.4	3.0
AF-1660	60(45)	16"(400)	18.0	17.3	16.7	15.9	15.0	12.6	9.8	6.4	-	-	-	17.6	16.7	15.5	14.2	12.6	11.0	9.1	4.9



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	100(150)AFE411					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	4" / 100 mm						
<b>Power</b>	15 HP / 11 kW						
<b>Std. Head</b>	24 m						
<b>Std. Capacity</b>	1 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	41.8 A	23.4 A	23 A	23 A	18.4 A		
<b>Pole / rpm</b>	4 P / 1450 rpm						
<b>Start Method</b>	STAR-DELTA / DOL						
<b>Insulation Class</b>	H						



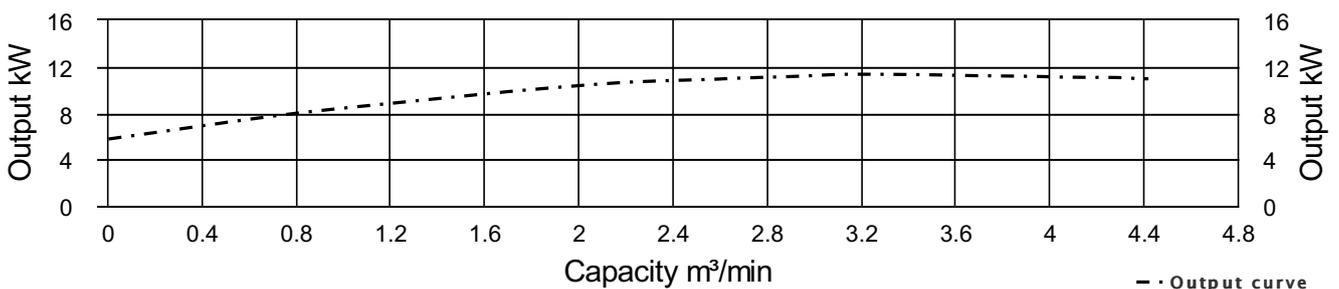
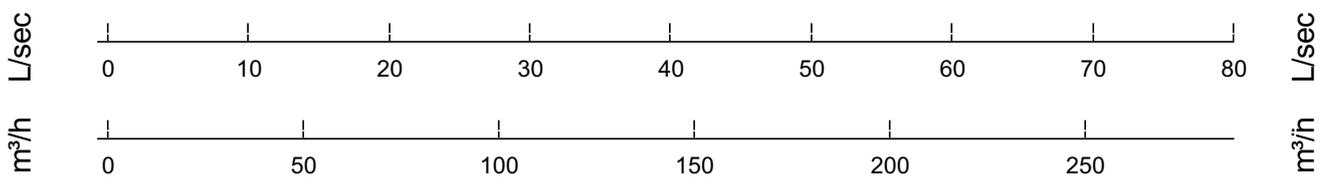
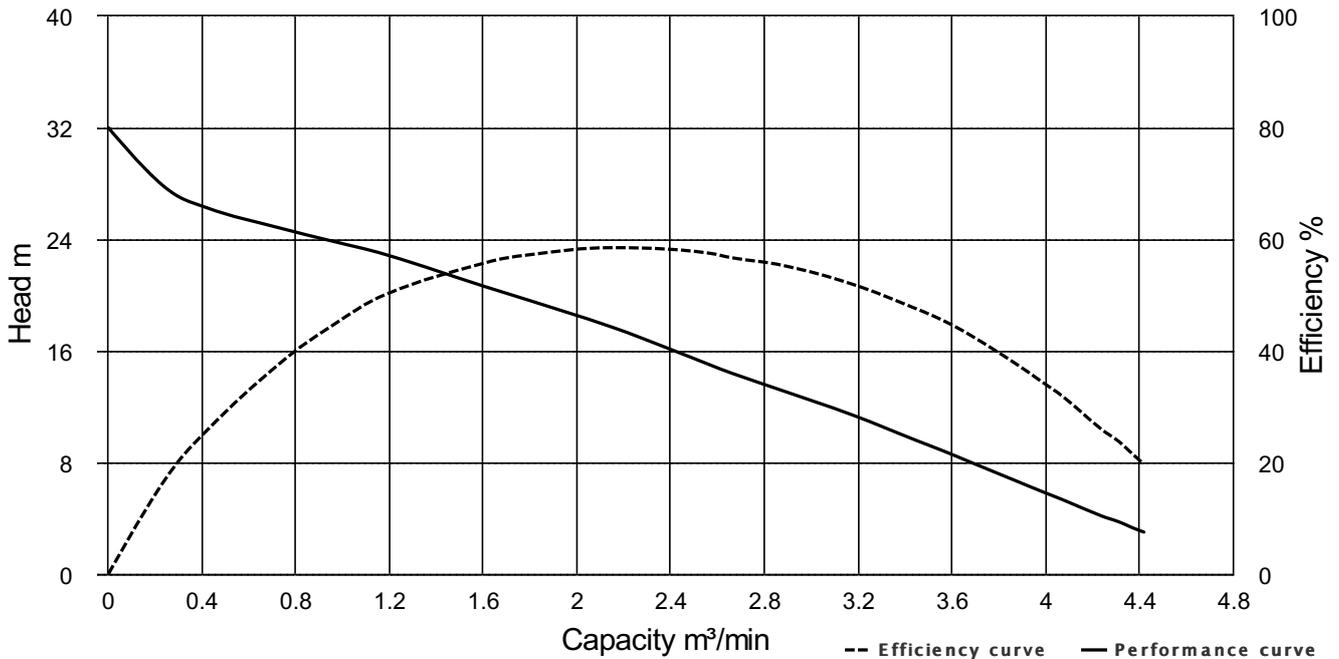
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	100(150)AFE411					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	6" / 150 mm						
<b>Power</b>	15 HP / 11 kW						
<b>Std. Head</b>	15.5 m						
<b>Std. Capacity</b>	2.5 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	41.8 A	23.4 A	23 A	23 A	18.4 A		
<b>Pole / rpm</b>	4 P / 1450 rpm						
<b>Start Method</b>	STAR-DELTA / DOL						
<b>Insulation Class</b>	H						



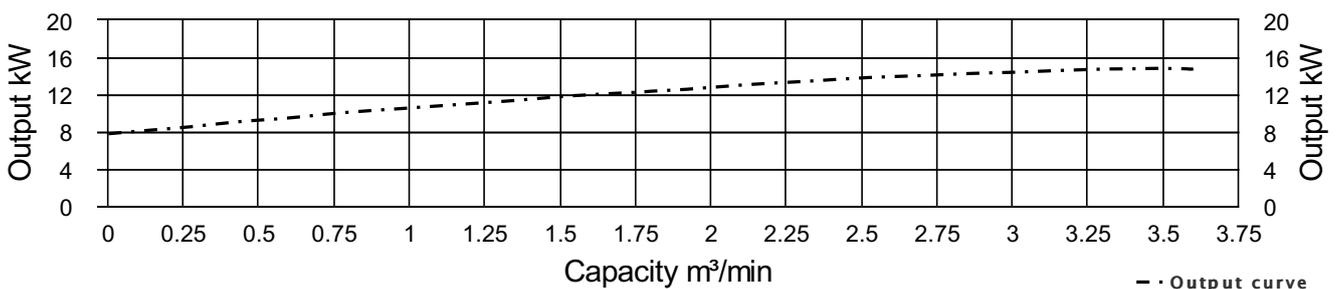
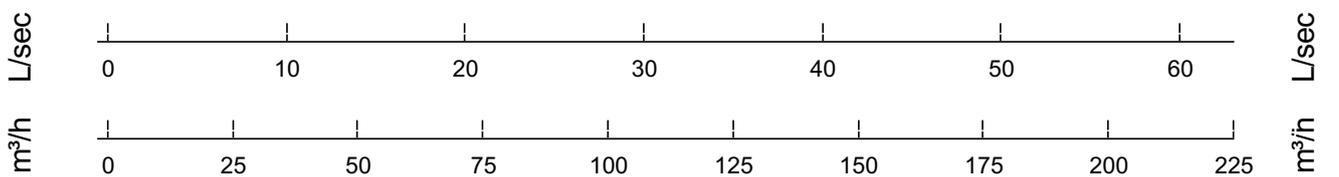
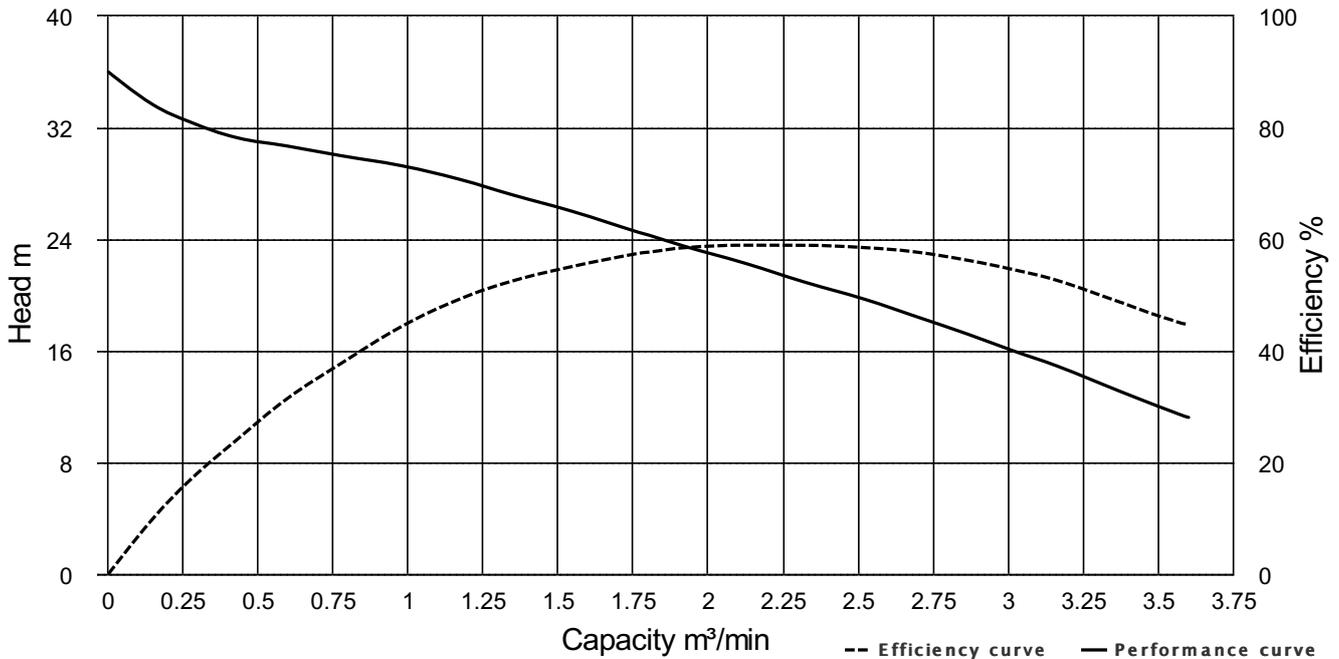
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	100(150)AFE415					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	4" / 100 mm						
<b>Power</b>	20 HP / 15 kW						
<b>Std. Head</b>	29 m						
<b>Std. Capacity</b>	1 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	55.2 A	31 A	30.4 A	30.4 A	24.3 A		
<b>Pole / rpm</b>	4 P / 1450 rpm						
<b>Start Method</b>	STAR-DELTA / DOL						
<b>Insulation Class</b>	H						



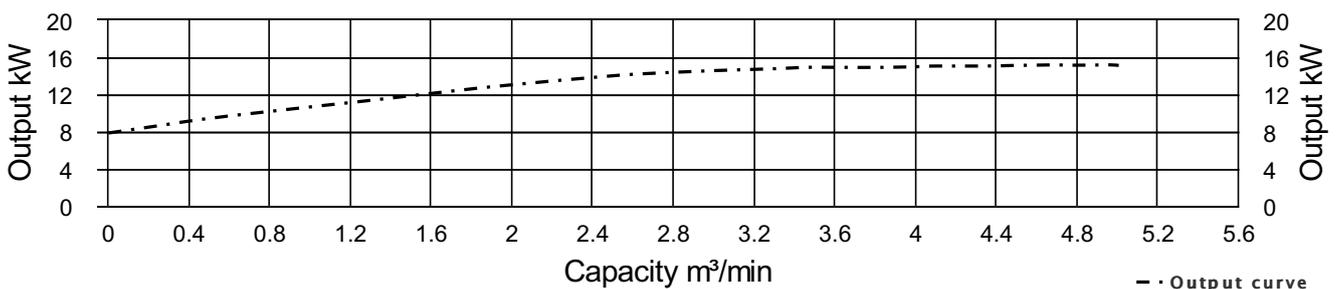
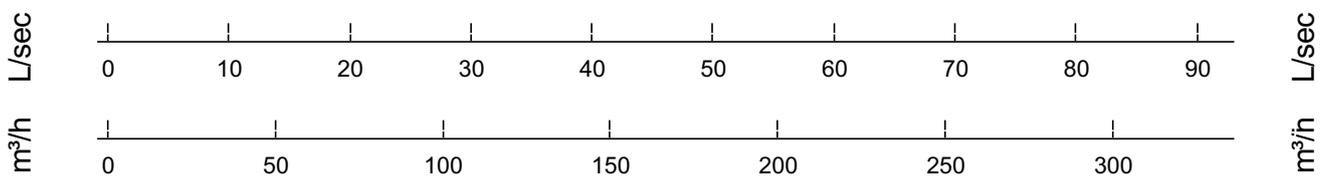
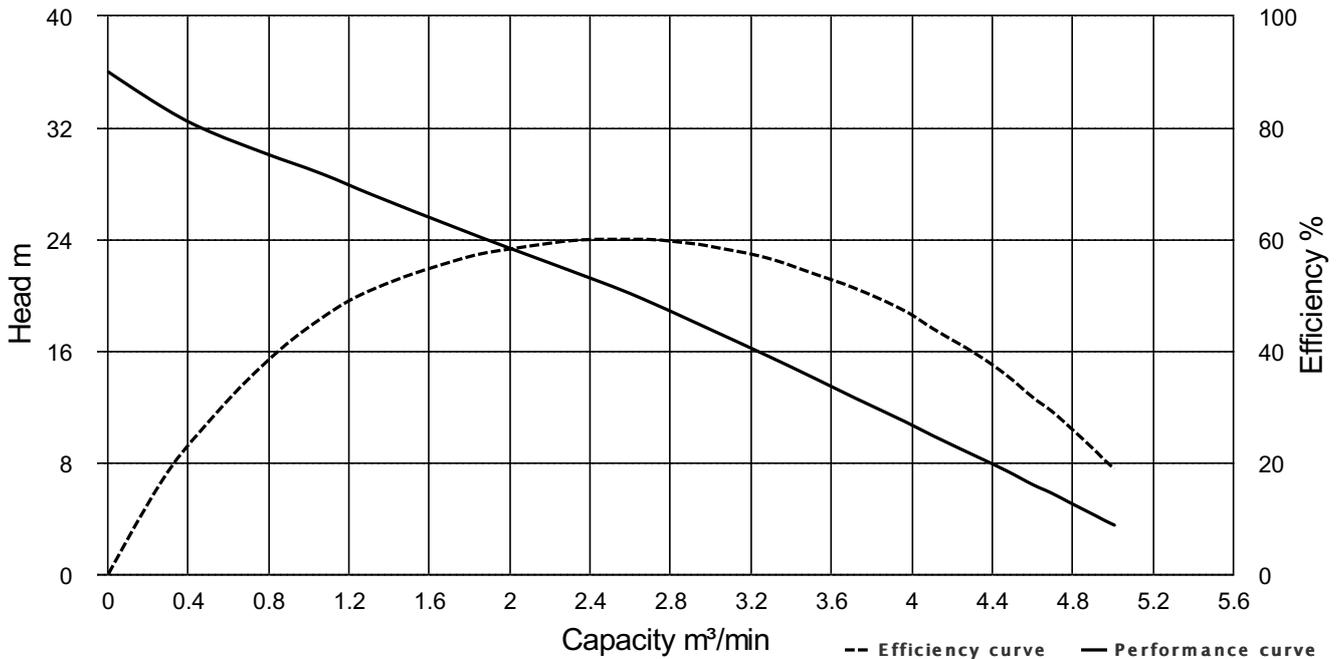
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# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	100(150)AFE415					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	6" / 150 mm						
<b>Power</b>	20 HP / 15 kW						
<b>Std. Head</b>	21 m						
<b>Std. Capacity</b>	2.5 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	55.2 A	31 A	30.4 A	30.4 A	24.3 A		
<b>Pole / rpm</b>	4 P / 1450 rpm						
<b>Start Method</b>	STAR-DELTA / DOL						
<b>Insulation Class</b>	H						



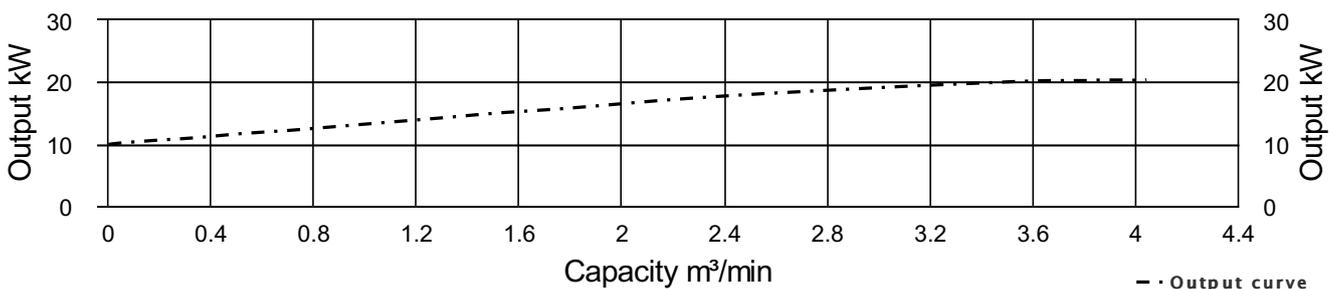
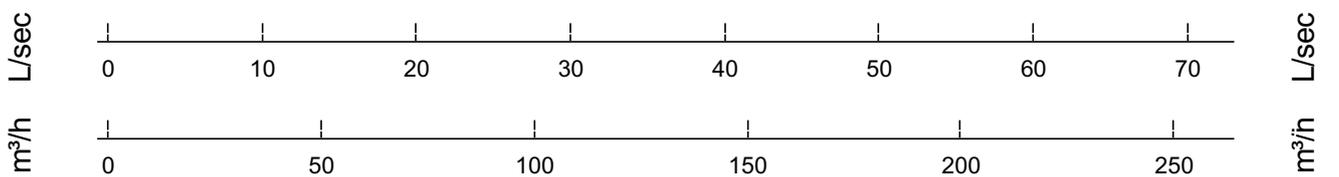
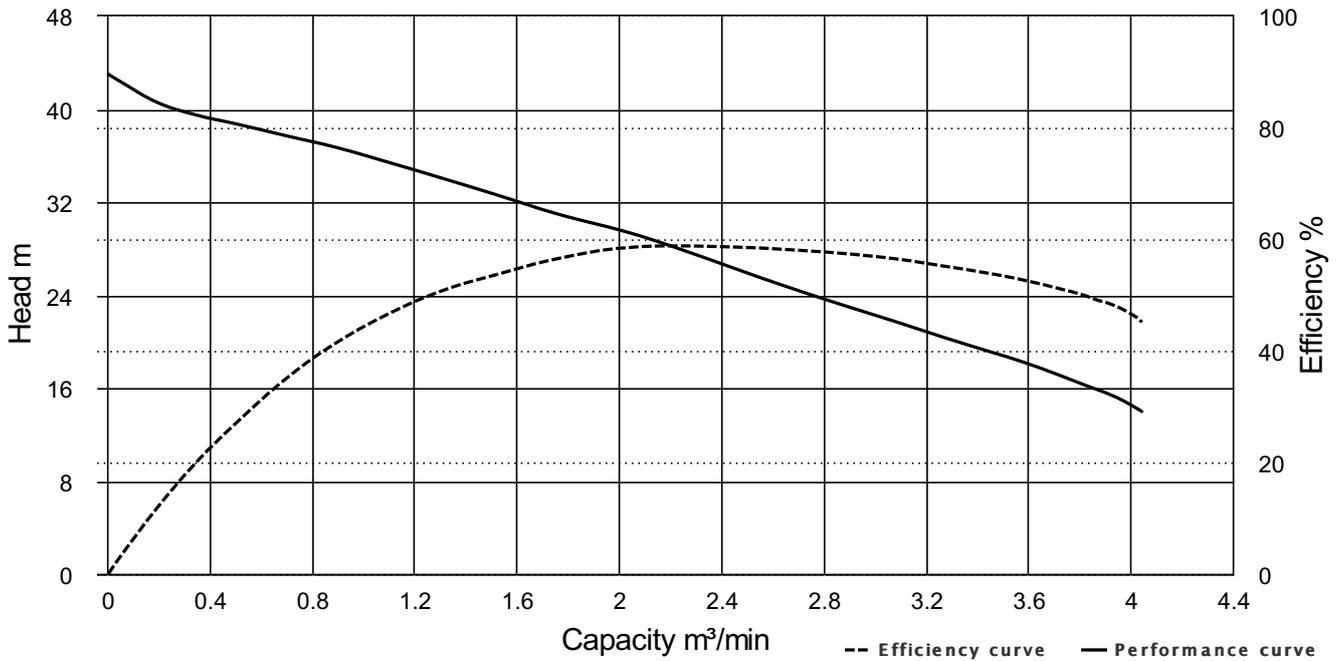
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	100(150)AFE422					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	4" / 100 mm						
<b>Power</b>	30 HP / 22 kW						
<b>Std. Head</b>	35.5 m						
<b>Std. Capacity</b>	1 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	78 A	43.8 A	43 A	43 A	34.4 A		
<b>Pole / rpm</b>	4 P / 1450 rpm						
<b>Start Method</b>	STAR-DELTA/DOL						
<b>Insulation Class</b>	H						



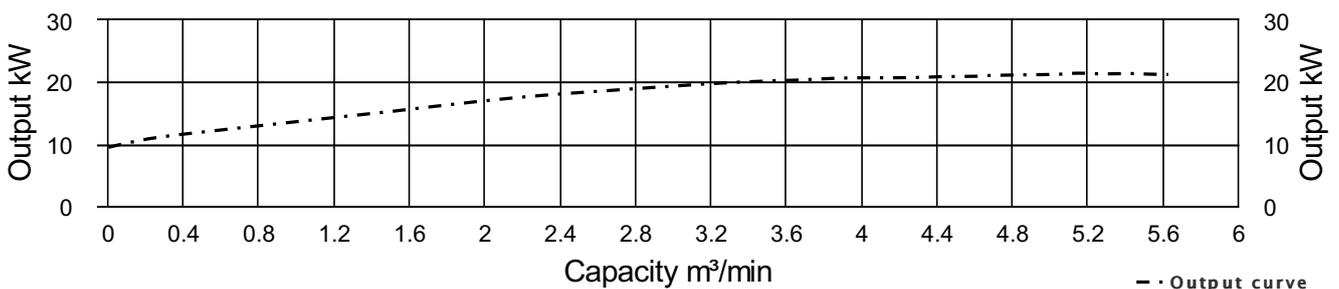
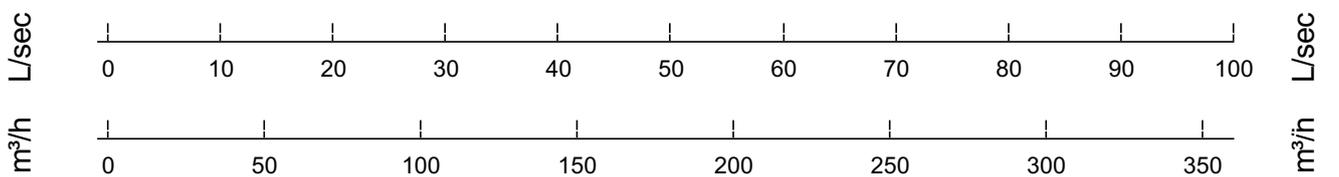
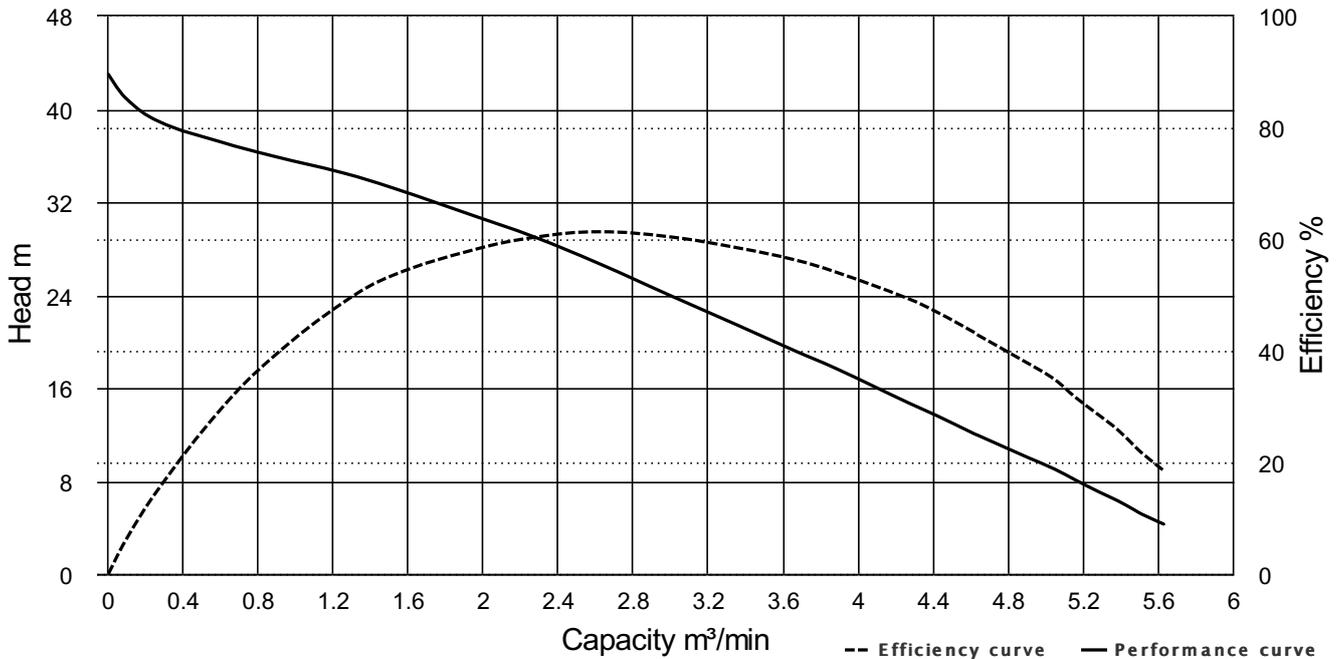
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	100(150)AFE422					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	6" / 150 mm						
<b>Power</b>	30 HP / 22 kW						
<b>Std. Head</b>	27.5 m						
<b>Std. Capacity</b>	2.5 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	78 A	43.8 A	43 A	43 A	34.4 A		
<b>Pole / rpm</b>	4 P / 1450 rpm						
<b>Start Method</b>	STAR-DELTA/DOL						
<b>Insulation Class</b>	H						



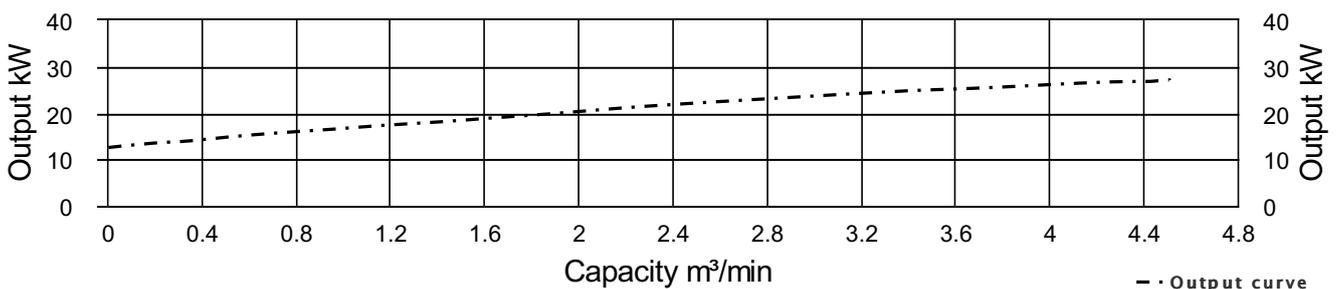
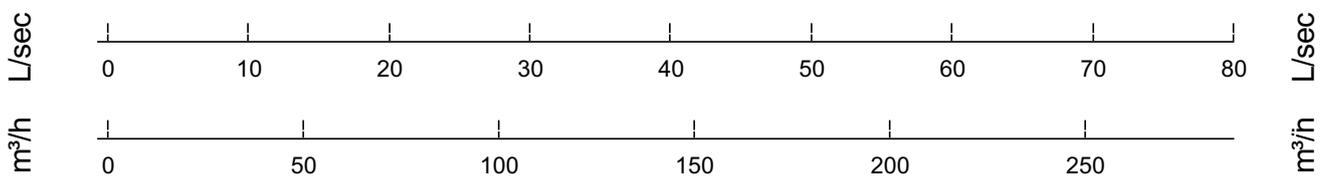
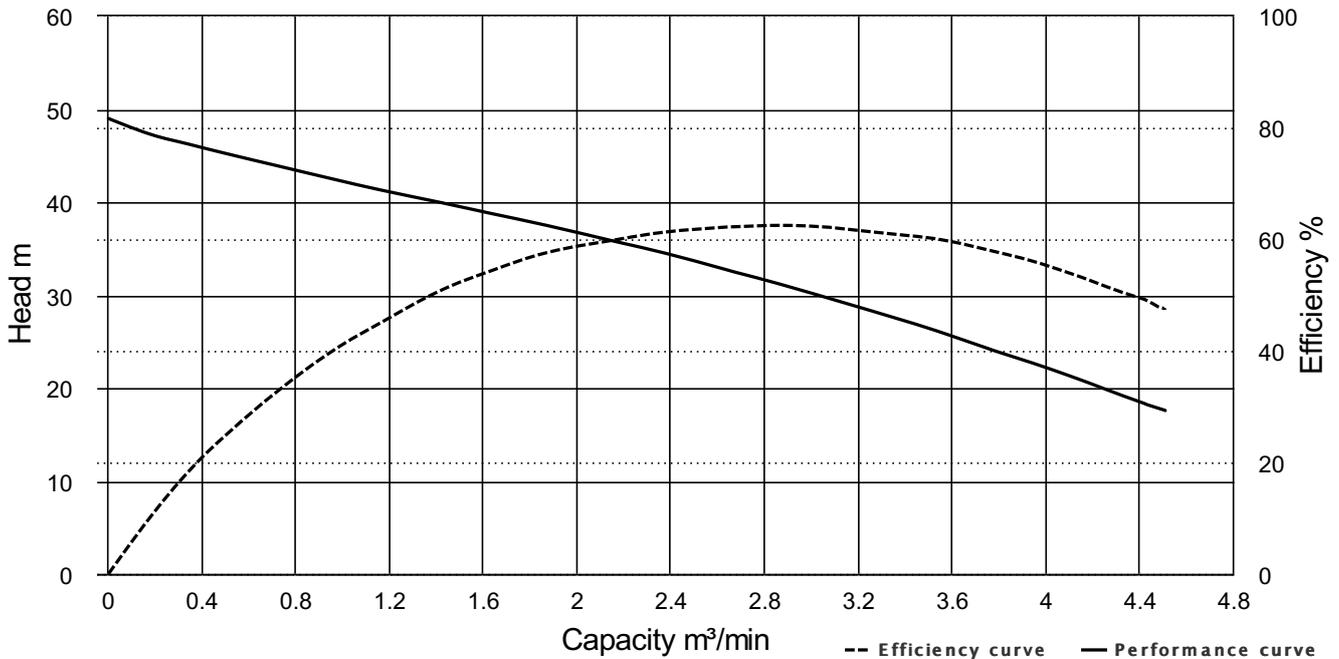
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	100(150)AFE430					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	4" / 100 mm						
<b>Power</b>	40 HP / 30 kW						
<b>Std. Head</b>	42 m						
<b>Std. Capacity</b>	1 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	101 A	57.4 A	55.6 A	55.6 A	44.5 A		
<b>Pole / rpm</b>	4 P / 1450 rpm						
<b>Start Method</b>	STAR-DELTA/DOL						
<b>Insulation Class</b>	H						



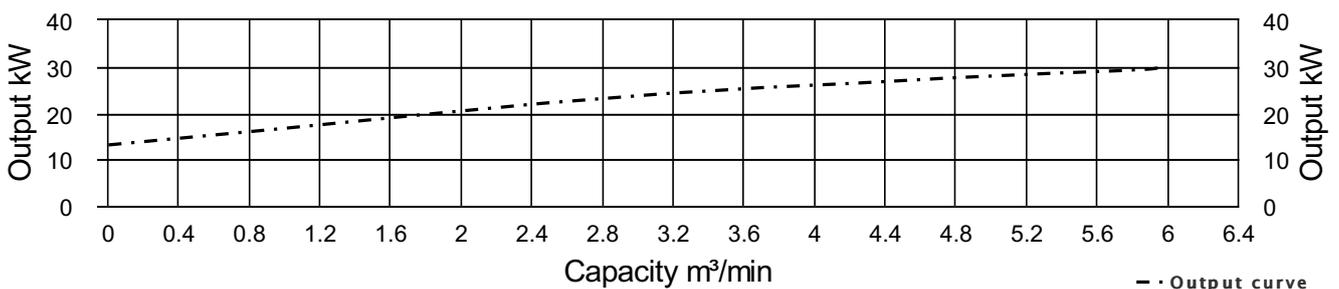
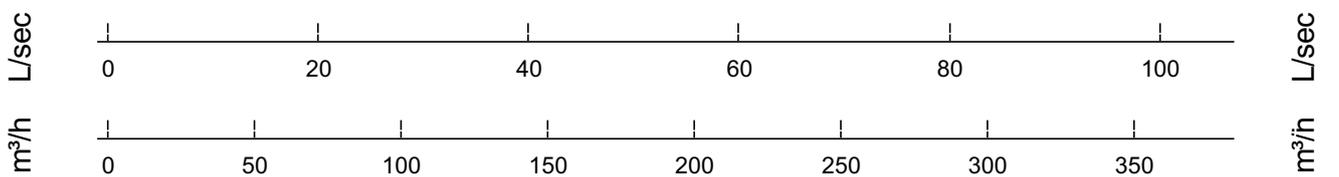
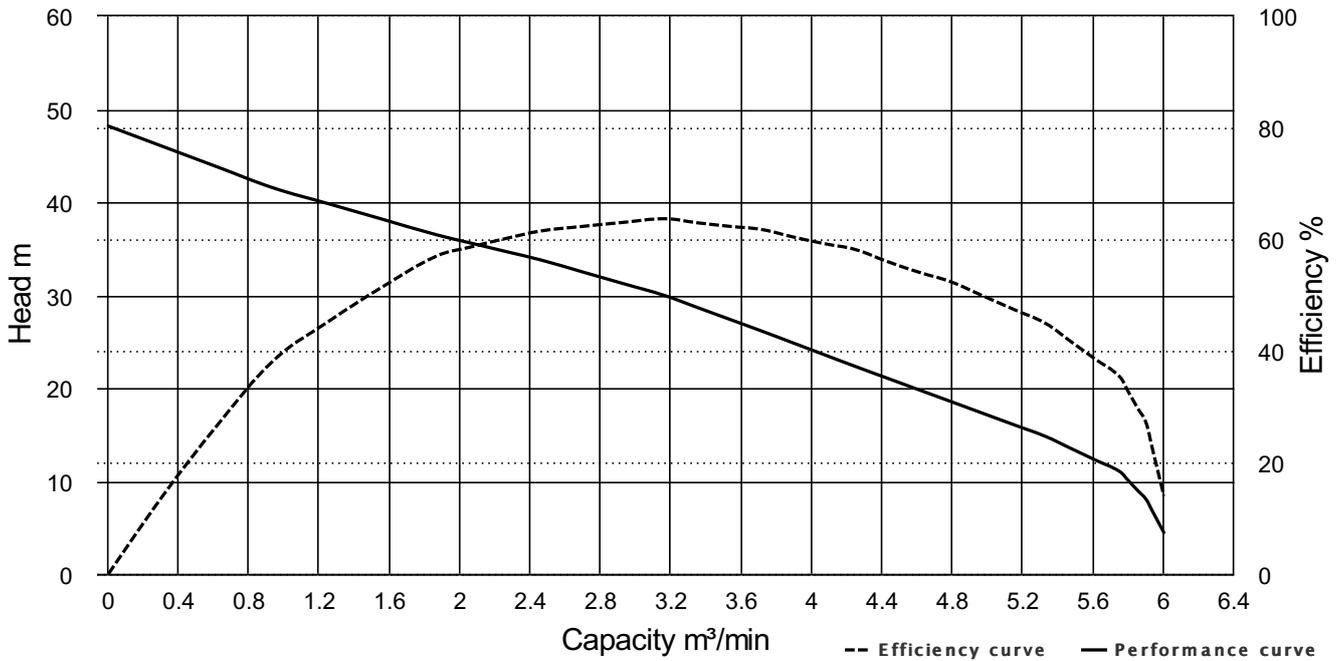
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	100(150)AFE430					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	6" / 150 mm						
<b>Power</b>	40 HP / 30 kW						
<b>Std. Head</b>	33.5 m						
<b>Std. Capacity</b>	2.5 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	101 A	57.4 A	55.6 A	55.6 A	44.5 A		
<b>Pole / rpm</b>	4 P / 1450 rpm						
<b>Start Method</b>	STAR-DELTA/DOL						
<b>Insulation Class</b>	H						



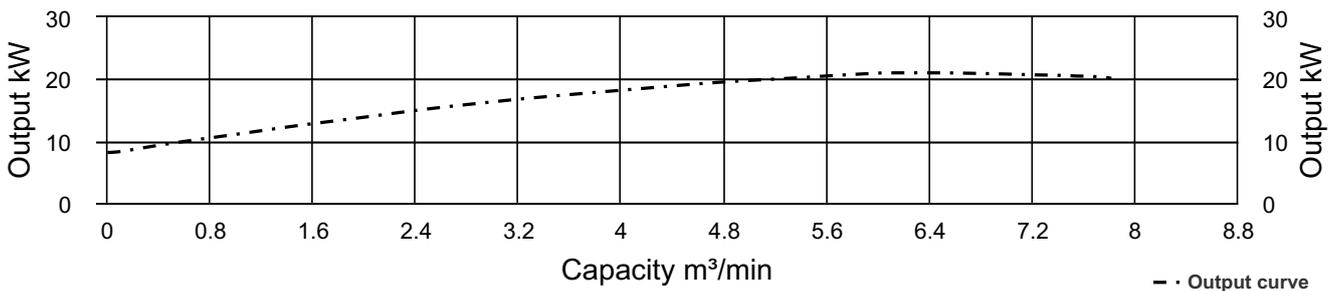
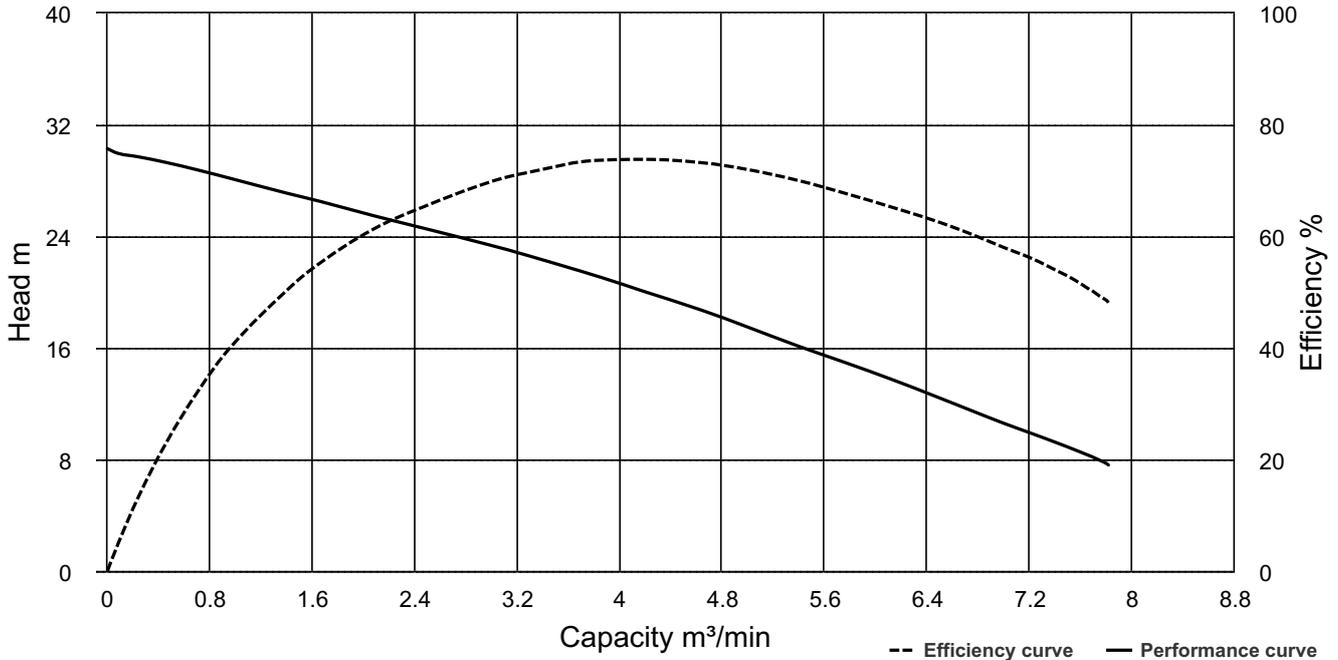
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# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	150(200)AFE422					<b>Ver NO.</b>	BA0512	
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>		
<b>Discharge</b>	6" / 150 mm							
<b>Power</b>	30 HP / 22 kW							
<b>Std. Head</b>	24 m							
<b>Std. Capacity</b>	2.5 m <sup>3</sup> /min							
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V			
<b>Rated Current</b>	78 A	43.8 A	43 A	43 A	34.4 A			
<b>Pole / rpm</b>	4 P / 1450 rpm							
<b>Start Method</b>	STAR-DELTA/DOL							
<b>Insulation Class</b>	H							



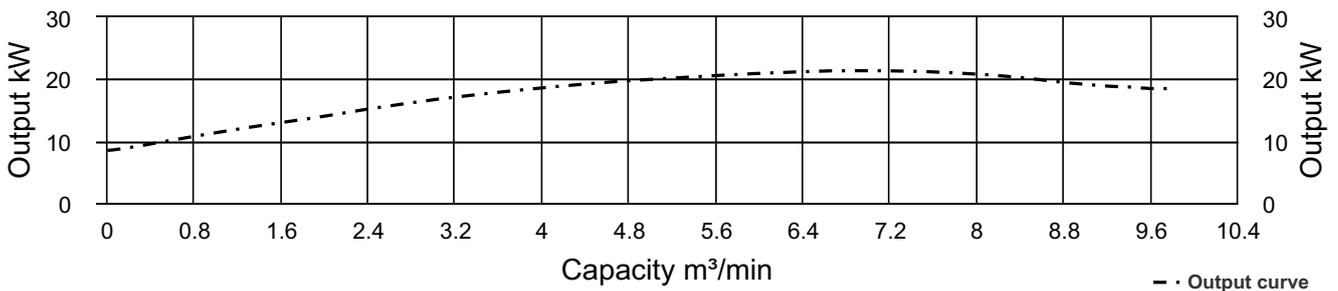
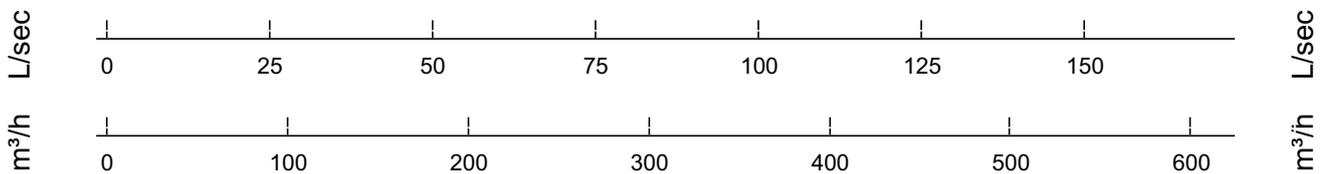
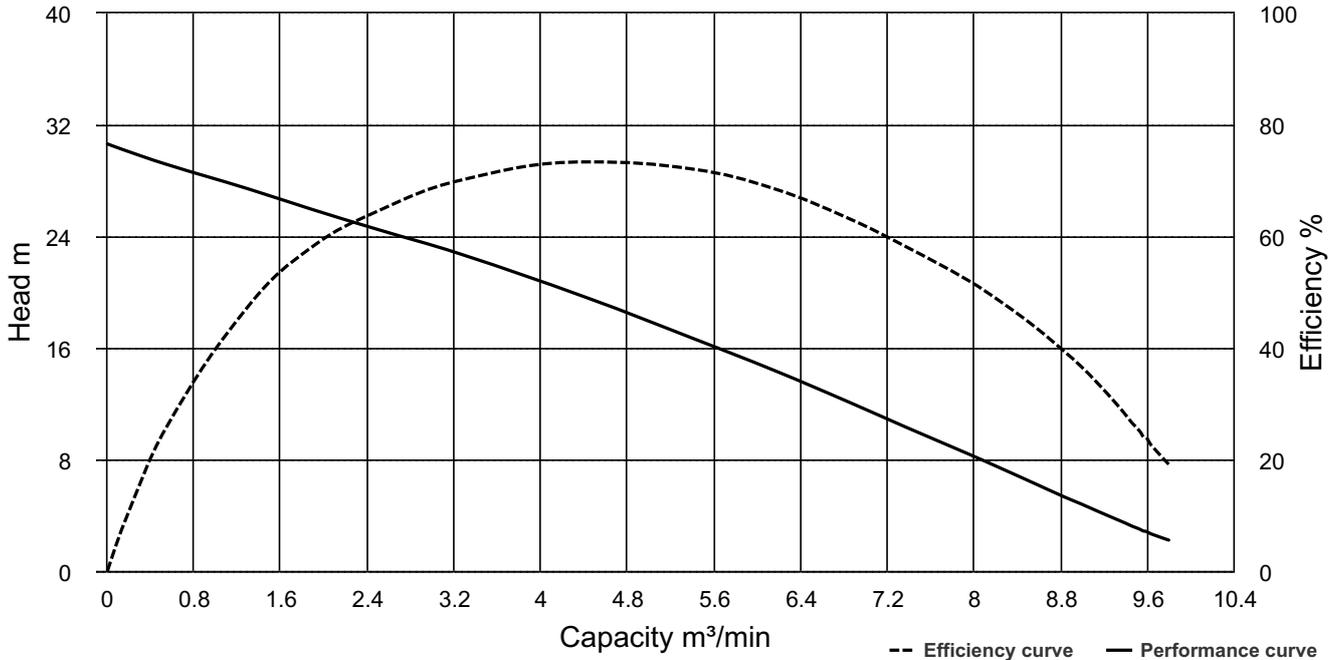
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# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	150(200)AFE422					<b>Ver NO.</b>	BA0512		
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>			
<b>Discharge</b>	8" / 200 mm								
<b>Power</b>	30 HP / 22 kW								
<b>Std. Head</b>	19 m								
<b>Std. Capacity</b>	4.5 m <sup>3</sup> /min								
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V				
<b>Rated Current</b>	78 A	43.8 A	43 A	43 A	34.4 A				
<b>Pole / rpm</b>	4 P / 1450 rpm								
<b>Start Method</b>	STAR-DELTA/DOL								
<b>Insulation Class</b>	H								



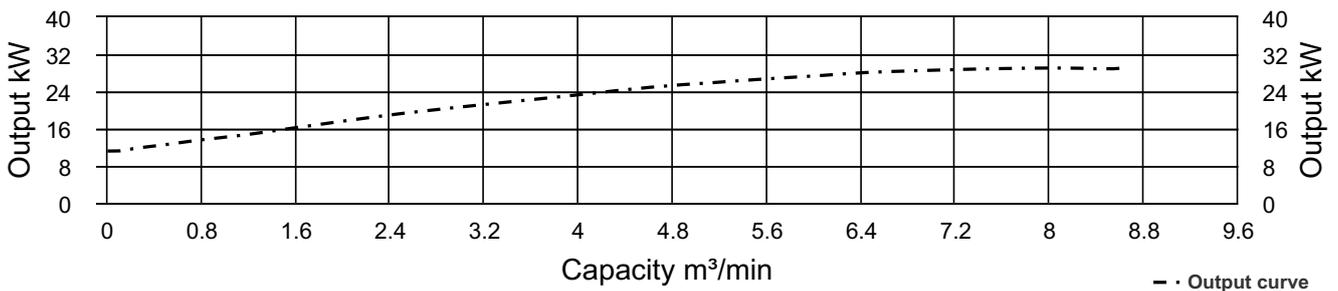
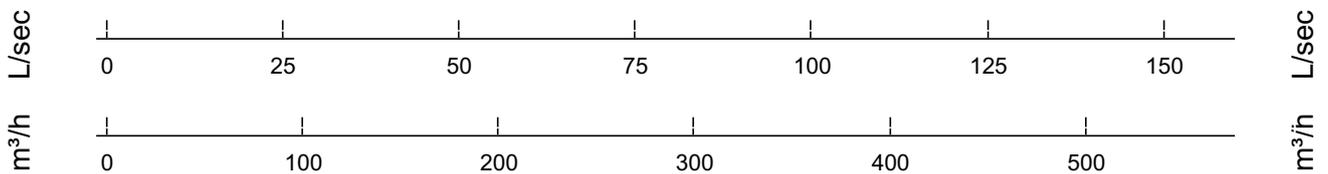
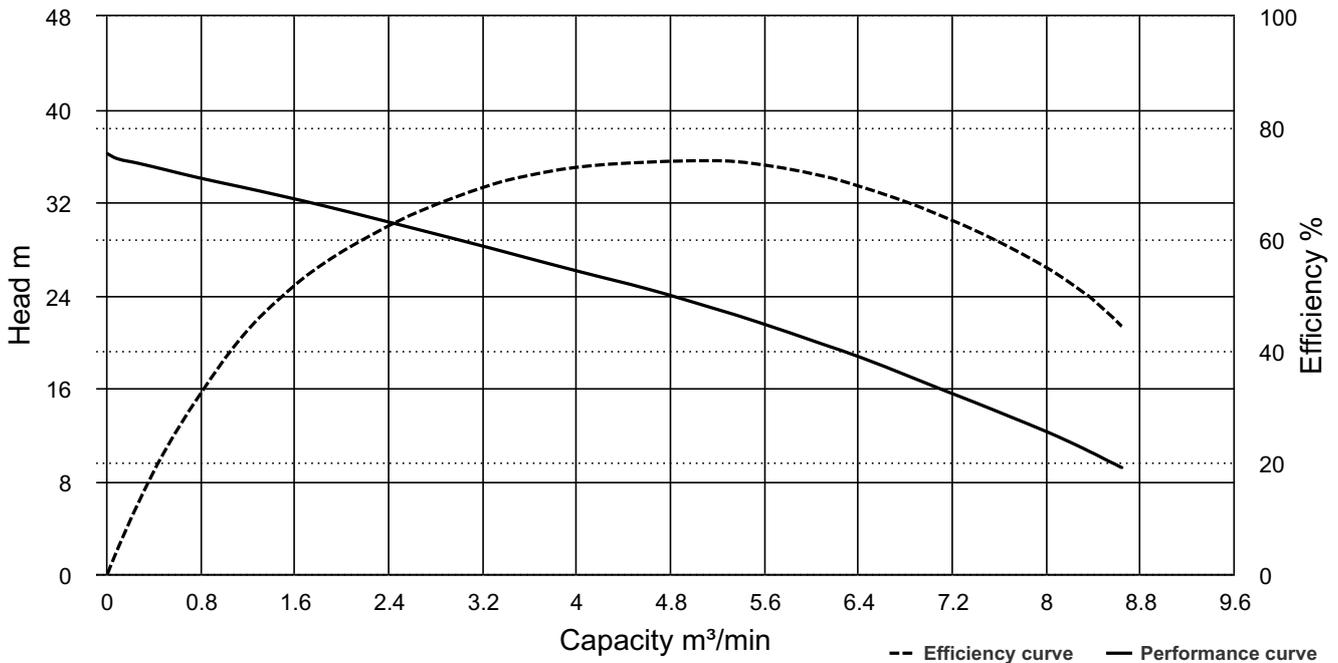
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	150(200)AFE430					<b>Ver NO.</b>	BA0512
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	6" / 150 mm						
<b>Power</b>	40 HP / 30 kW						
<b>Std. Head</b>	30 m						
<b>Std. Capacity</b>	2.5 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	99.4 A	57.4 A	55.6 A	55.2 A	44.2 A		
<b>Pole / rpm</b>	4 P / 1450 rpm						
<b>Start Method</b>	STAR-DELTA/DOL						
<b>Insulation Class</b>	H						



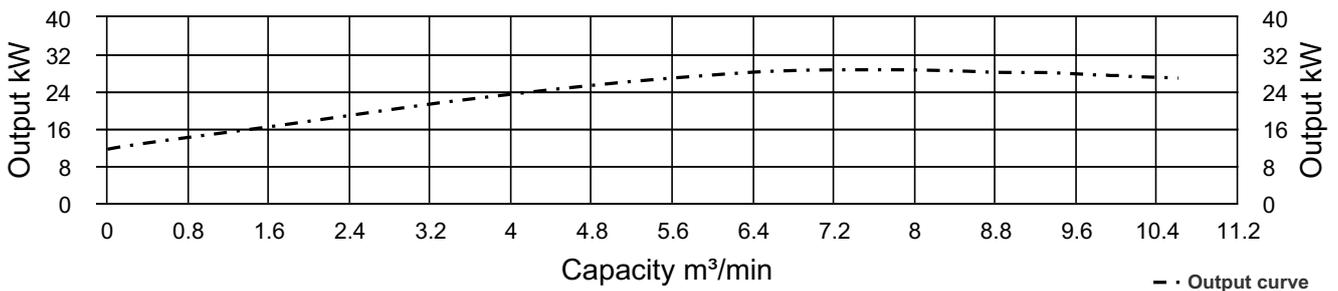
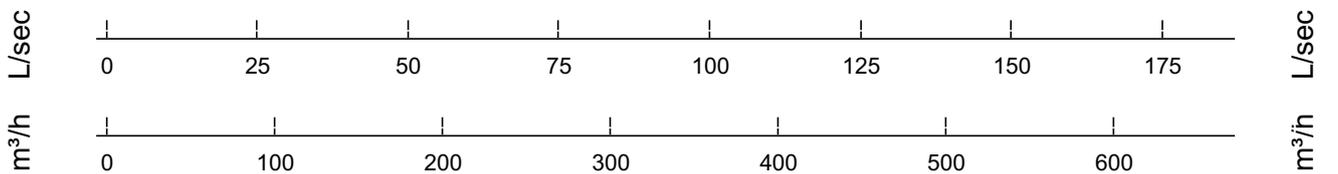
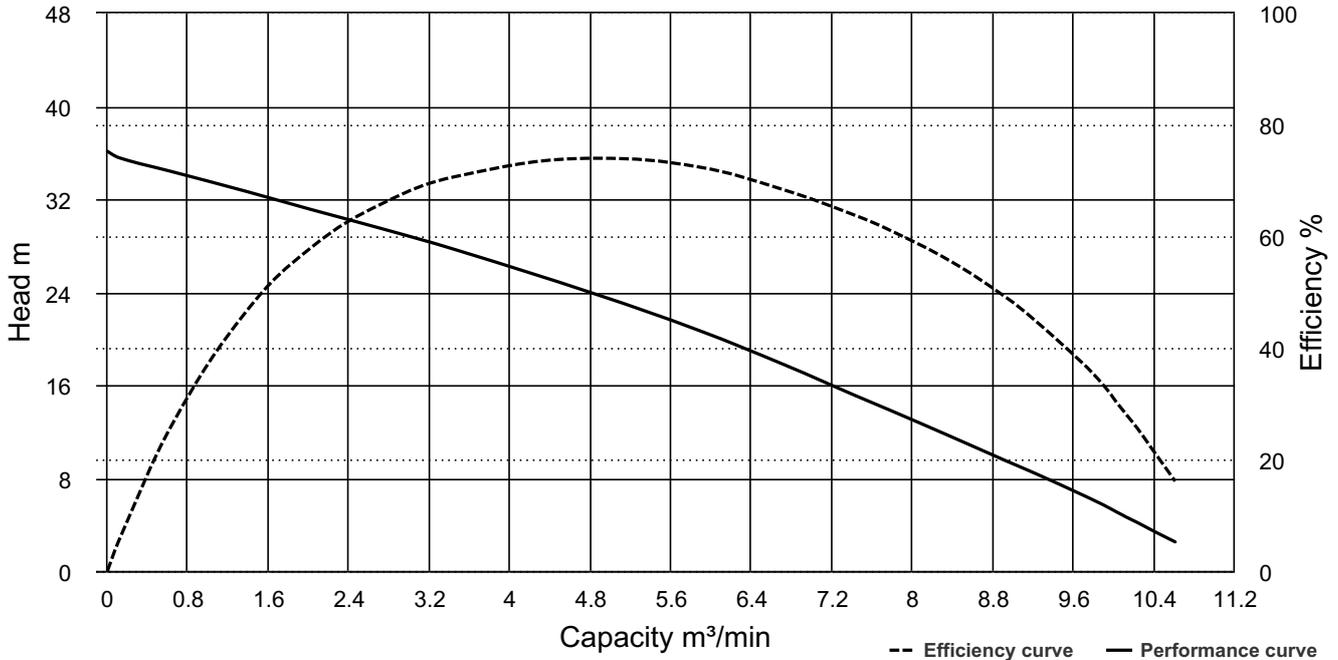
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# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	150(200)AFE430					<b>Ver NO.</b>	BA0512
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	8" / 200 mm						
<b>Power</b>	40 HP / 30 kW						
<b>Std. Head</b>	25 m						
<b>Std. Capacity</b>	4.5 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	99.4 A	57.4 A	55.6 A	55.2 A	44.2 A		
<b>Pole / rpm</b>	4 P / 1450 rpm						
<b>Start Method</b>	STAR-DELTA/DOL						
<b>Insulation Class</b>	H						



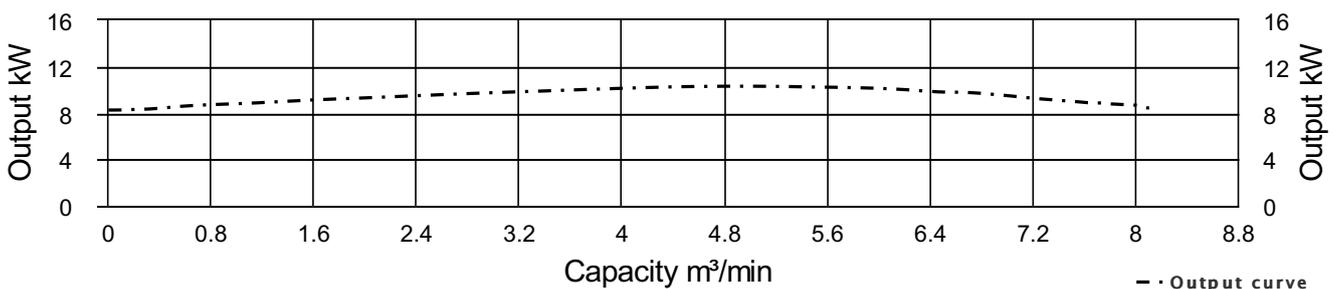
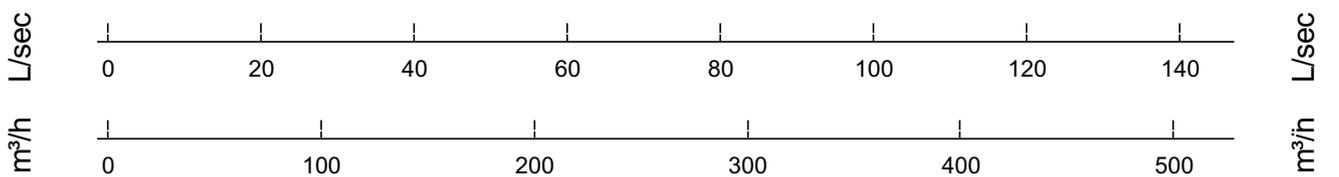
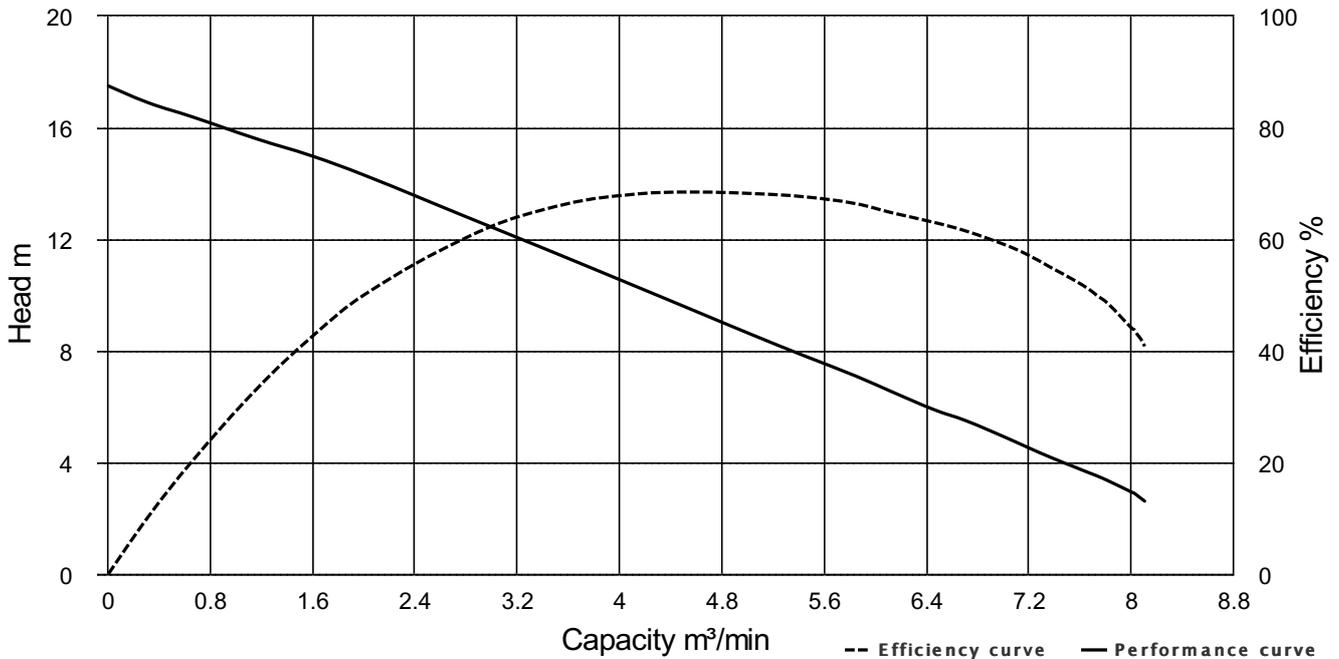
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# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	AF-815A					<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø					<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	8" / 200 mm						
<b>Power</b>	15 HP / 11 kW						
<b>Std. Head</b>	9.5 m						
<b>Std. Capacity</b>	4.5 m <sup>3</sup> /min						
<b>Volt</b>	230 V	380 V	400 V	415 V	525 V		
<b>Rated Current</b>	41.8 A	23.4 A	23 A	23 A	18.4 A		
<b>Pole / rpm</b>	4 P / 1450 rpm						
<b>Start Method</b>	STAR-DELTA / DOL						
<b>Insulation Class</b>	H						



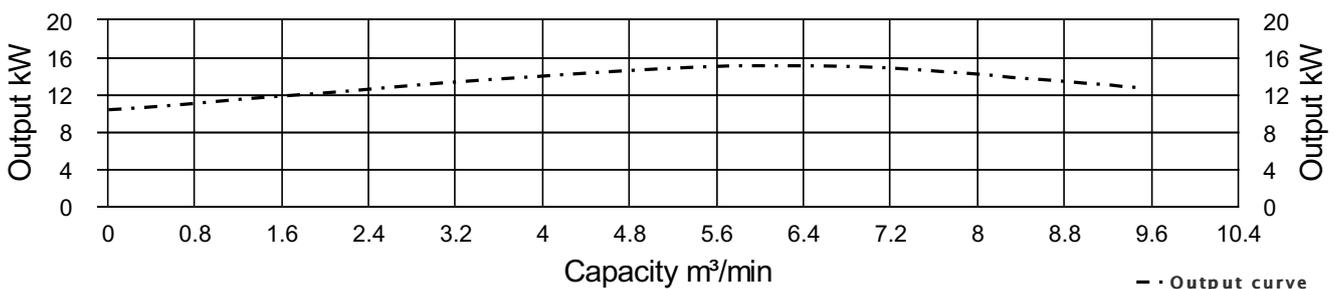
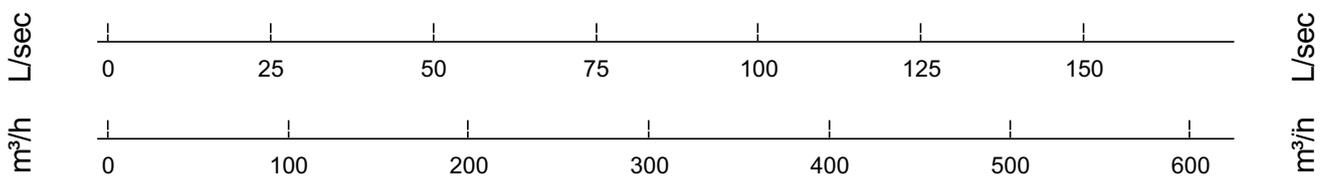
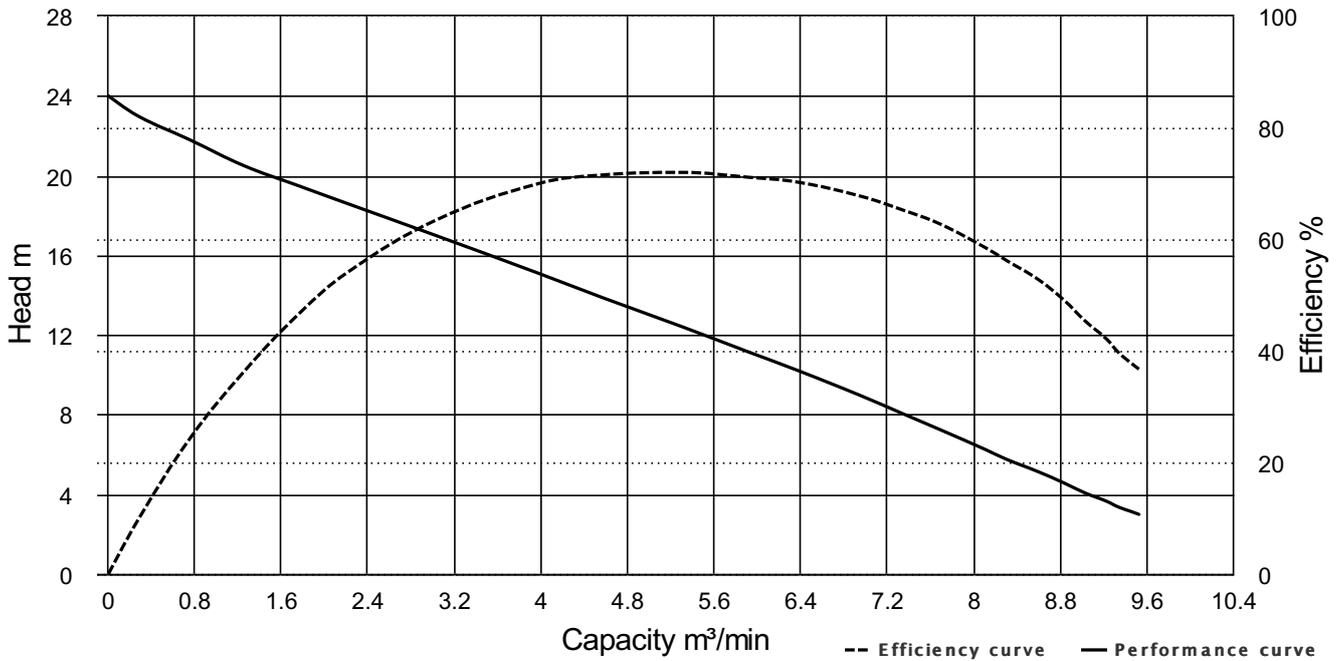
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# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	AF-820A					Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø					REFERENCE SPECIFICATION	
Discharge	8" / 200 mm						
Power	20 HP / 15 kW						
Std. Head	14 m						
Std. Capacity	4.5 m <sup>3</sup> /min						
Volt	230 V	380 V	400 V	415 V	525 V		
Rated Current	55.2 A	31 A	30.4 A	30.4 A	24.3 A		
Pole / rpm	4 P / 1450 rpm						
Start Method	STAR-DELTA / DOL						
Insulation Class	H						



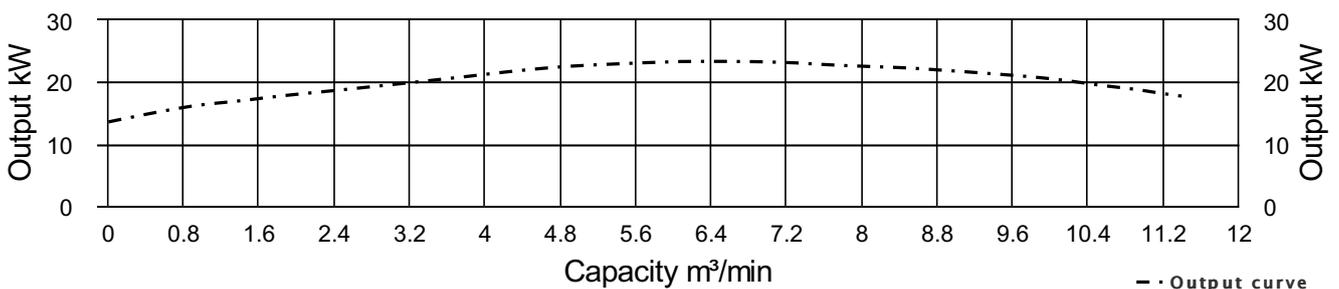
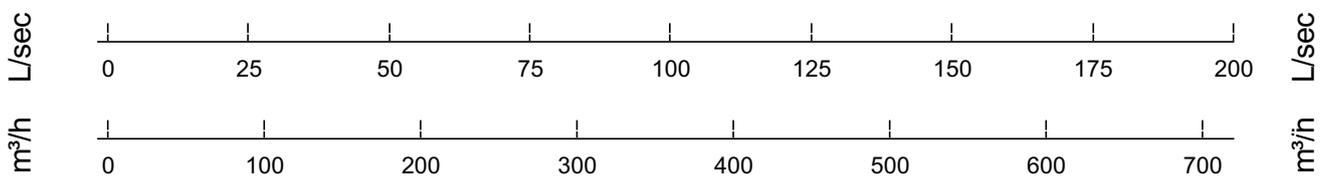
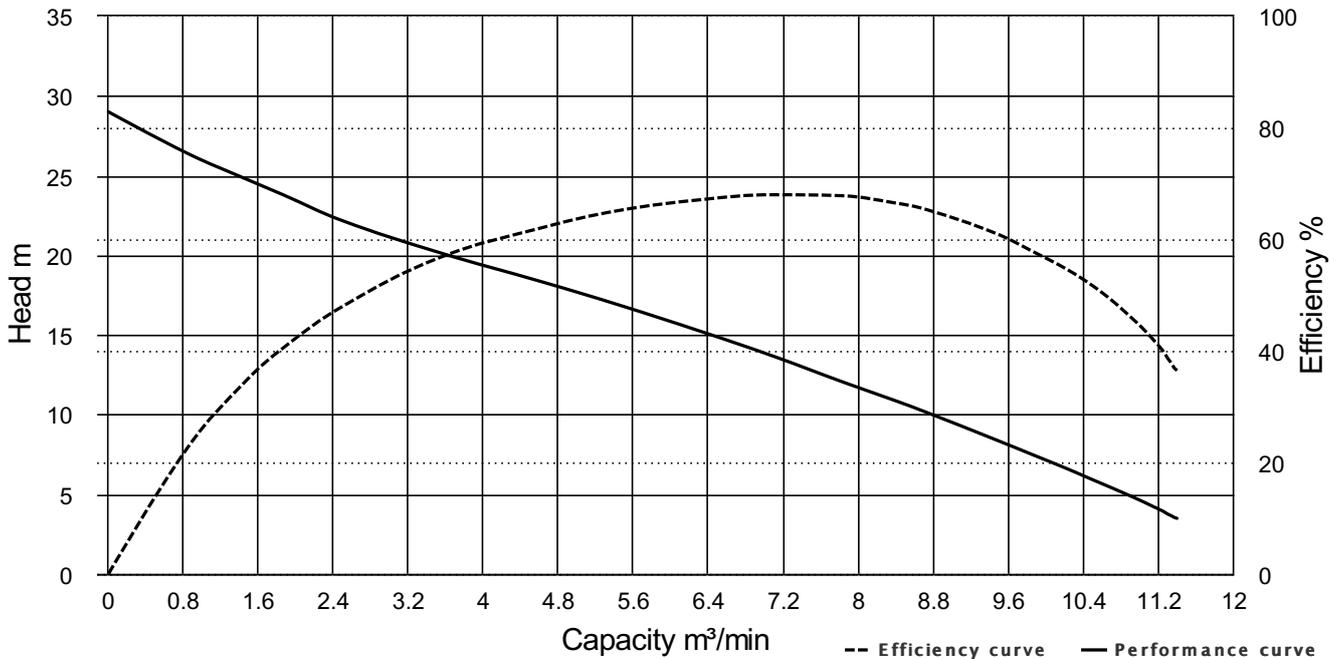
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# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	AF-1030S			<b>Ver NO.</b>	BA0407
<b>Frequency / Phase</b>	50 Hz / 3 Ø			<b>REFERENCE SPECIFICATION</b>	
<b>Discharge</b>	10" / 250 mm				
<b>Power</b>	30 HP / 22 kW				
<b>Std. Head</b>	14 m				
<b>Std. Capacity</b>	7 m <sup>3</sup> /min				
<b>Volt</b>	380 V	415 V	525 V		
<b>Rated Current</b>	47.5 A	43.5 A	34.4 A		
<b>Pole / rpm</b>	4 P / 1450 rpm				
<b>Start Method</b>	STAR-DELTA / DOL				
<b>Insulation Class</b>	H				



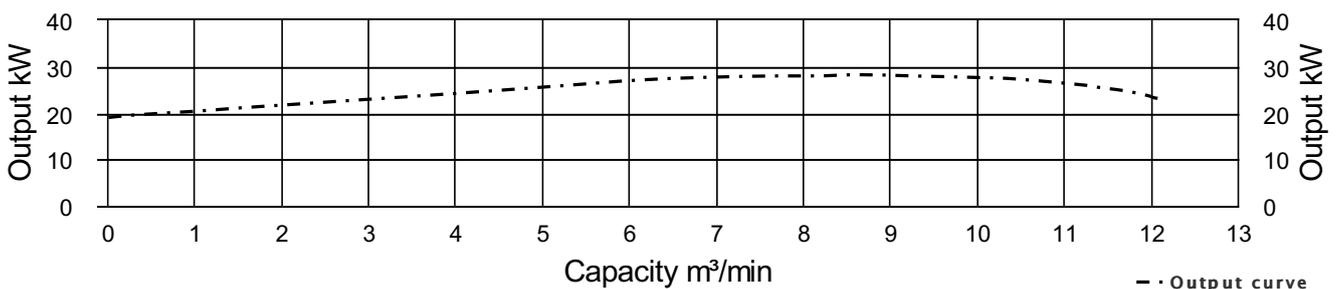
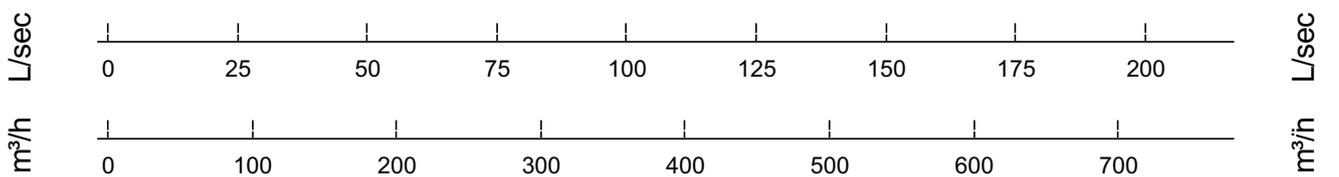
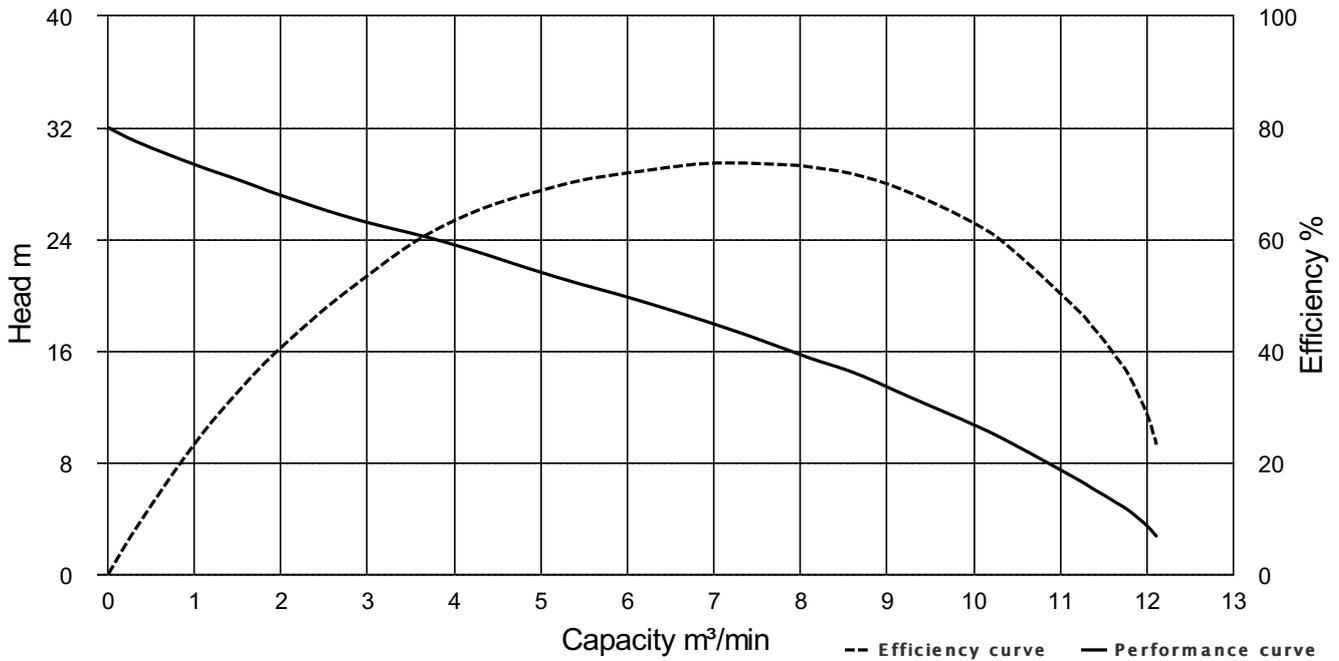
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# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	AF-1040				Ver NO.	BA0407	
Frequency / Phase	50 Hz / 3 Ø				REFERENCE SPECIFICATION		
Discharge	10" / 250 mm						
Power	40 HP / 30 kW						
Std. Head	17 m						
Std. Capacity	7 m <sup>3</sup> /min						
Volt	380 V	415 V	525 V				
Rated Current	62.4 A	57 A	45.1 A				
Pole / rpm	4 P / 1450 rpm						
Start Method	STAR-DELTA / DOL						
Insulation Class	H						



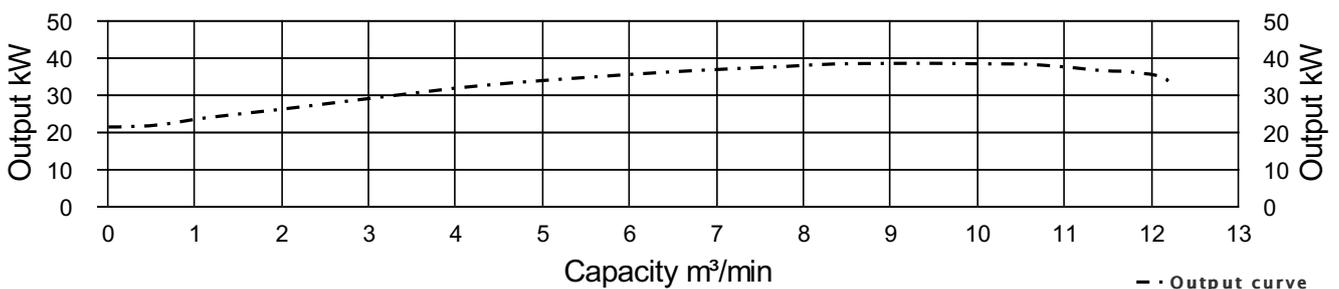
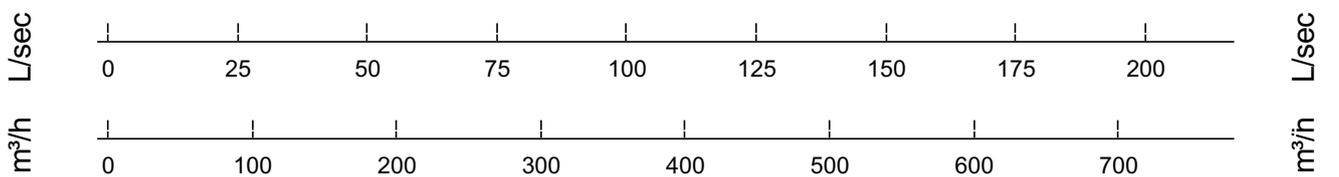
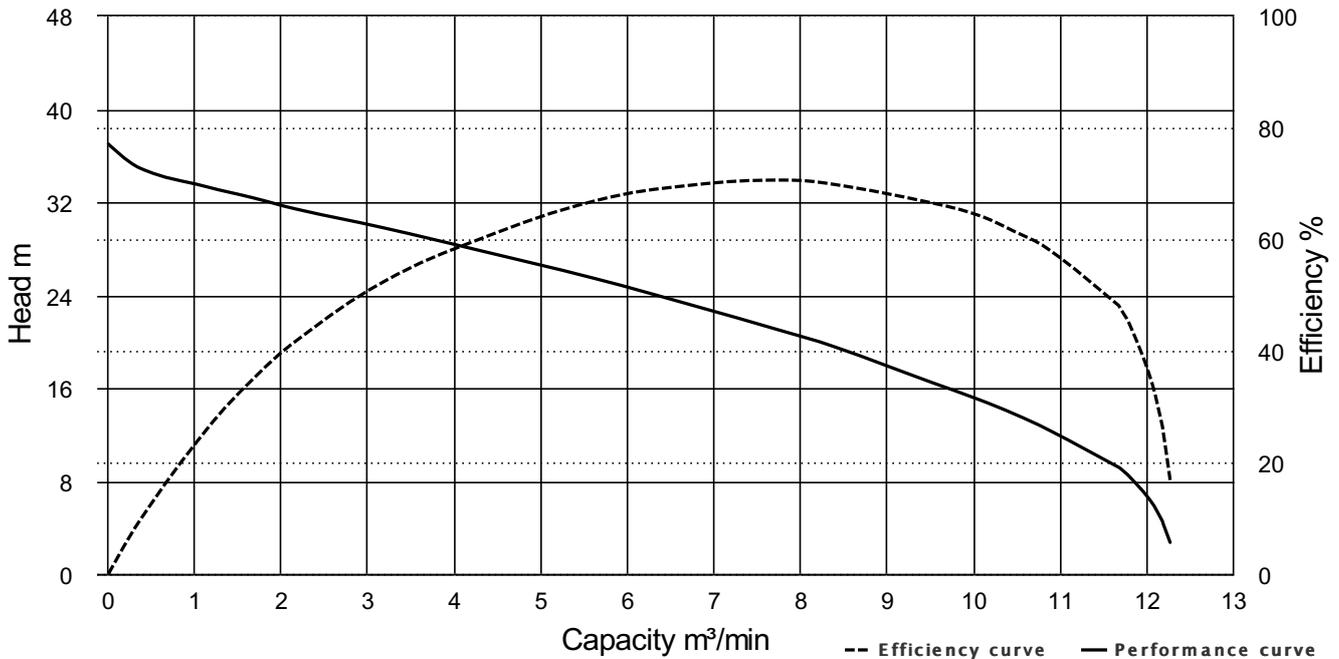
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# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	AF-1050				Ver NO.	BA0407	
Frequency / Phase	50 Hz / 3 Ø				REFERENCE SPECIFICATION		
Discharge	10" / 250 mm						
Power	50 HP / 37 kW						
Std. Head	22 m						
Std. Capacity	7 m <sup>3</sup> /min						
Volt	380 V	415 V	525 V				
Rated Current	76.2 A	69.8 A	55.2 A				
Pole / rpm	4 P / 1450 rpm						
Start Method	STAR-DELTA / DOL						
Insulation Class	H						



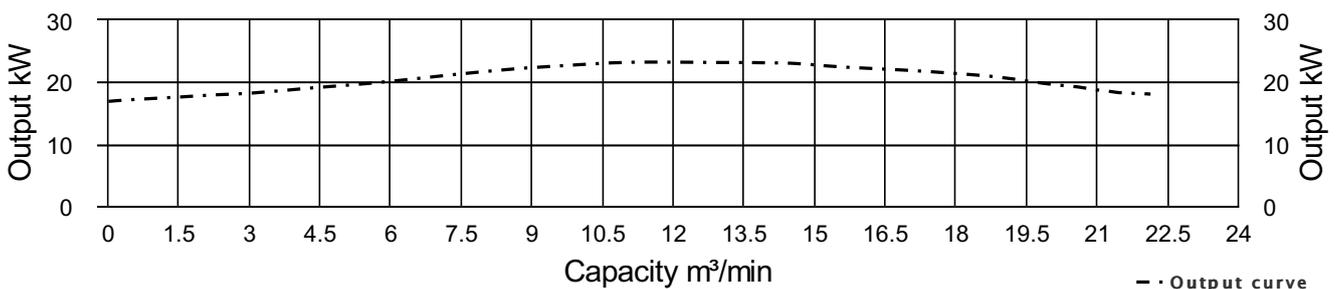
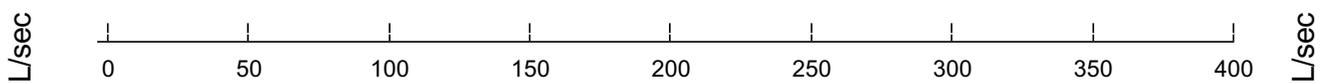
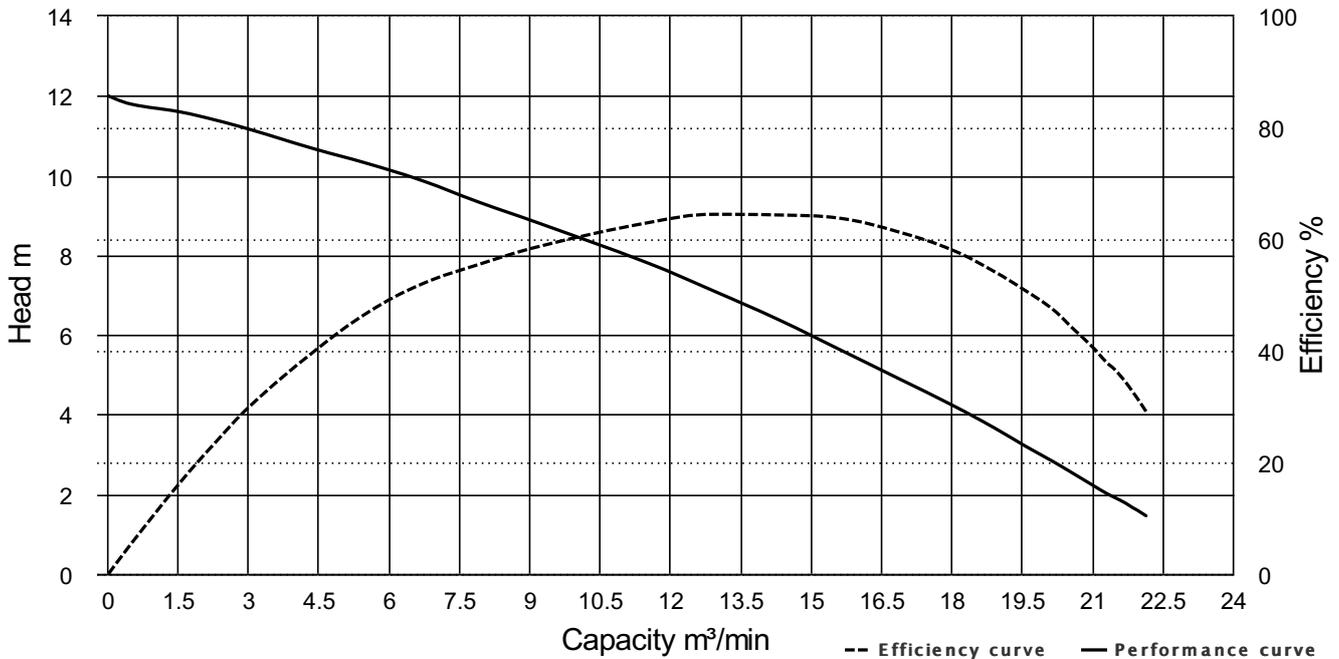
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	AF-1430				<b>Ver NO.</b>	BA0407	
<b>Frequency / Phase</b>	50 Hz / 3 Ø				<b>REFERENCE SPECIFICATION</b>		
<b>Discharge</b>	14" / 350 mm						
<b>Power</b>	30 HP / 22 kW						
<b>Std. Head</b>	6.5 m						
<b>Std. Capacity</b>	14 m <sup>3</sup> /min						
<b>Volt</b>	380 V	400 V	415 V	525 V			
<b>Rated Current</b>	48.5 A	47.8 A	44.4 A	36.4 A			
<b>Pole / rpm</b>	6 P / 970 rpm						
<b>Start Method</b>	STAR-DELTA / DOL						
<b>Insulation Class</b>	H						



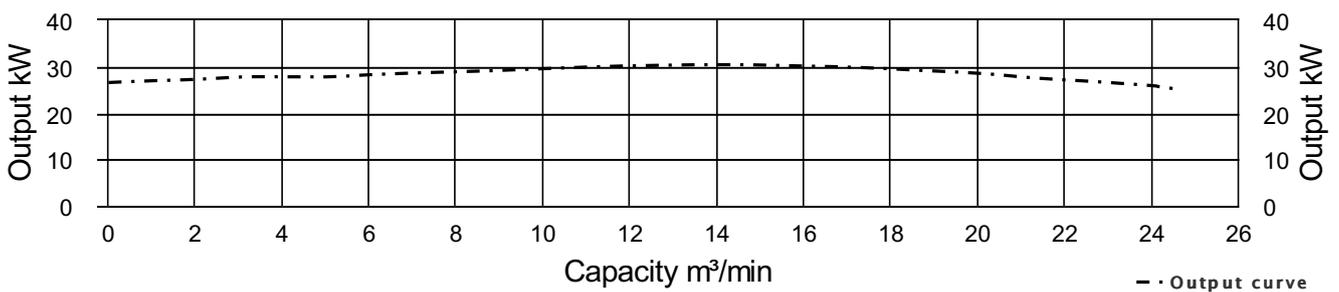
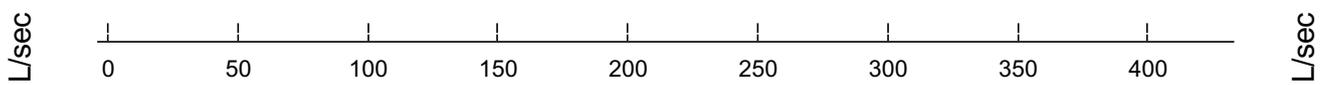
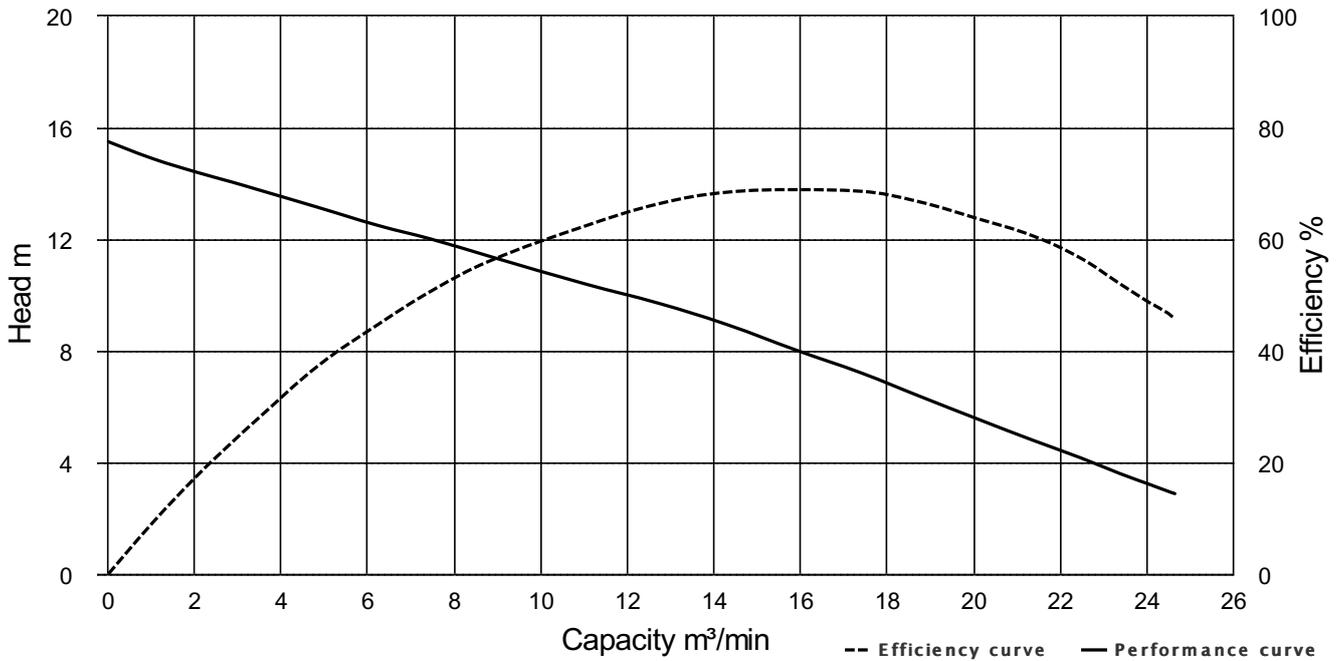
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# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	AF-1440				<b>Ver NO.</b>	BA0407	
<b>Frequency / Phase</b>	50 Hz / 3 Ø				<b>REFERENCE SPECIFICATION</b>		
<b>Discharge</b>	14" / 350 mm						
<b>Power</b>	40 HP / 30 kW						
<b>Std. Head</b>	8.5 m						
<b>Std. Capacity</b>	14 m <sup>3</sup> /min						
<b>Volt</b>	380 V	400 V	415 V	525 V			
<b>Rated Current</b>	66 A	65.1 A	60.4 A	49.6 A			
<b>Pole / rpm</b>	6 P / 970 rpm						
<b>Start Method</b>	STAR-DELTA / DOL						
<b>Insulation Class</b>	H						



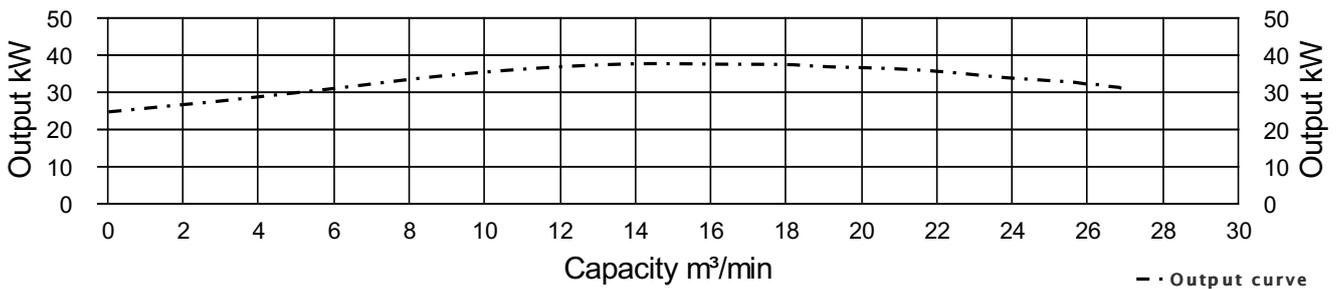
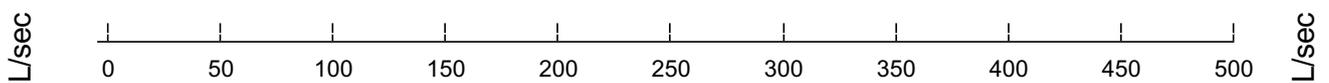
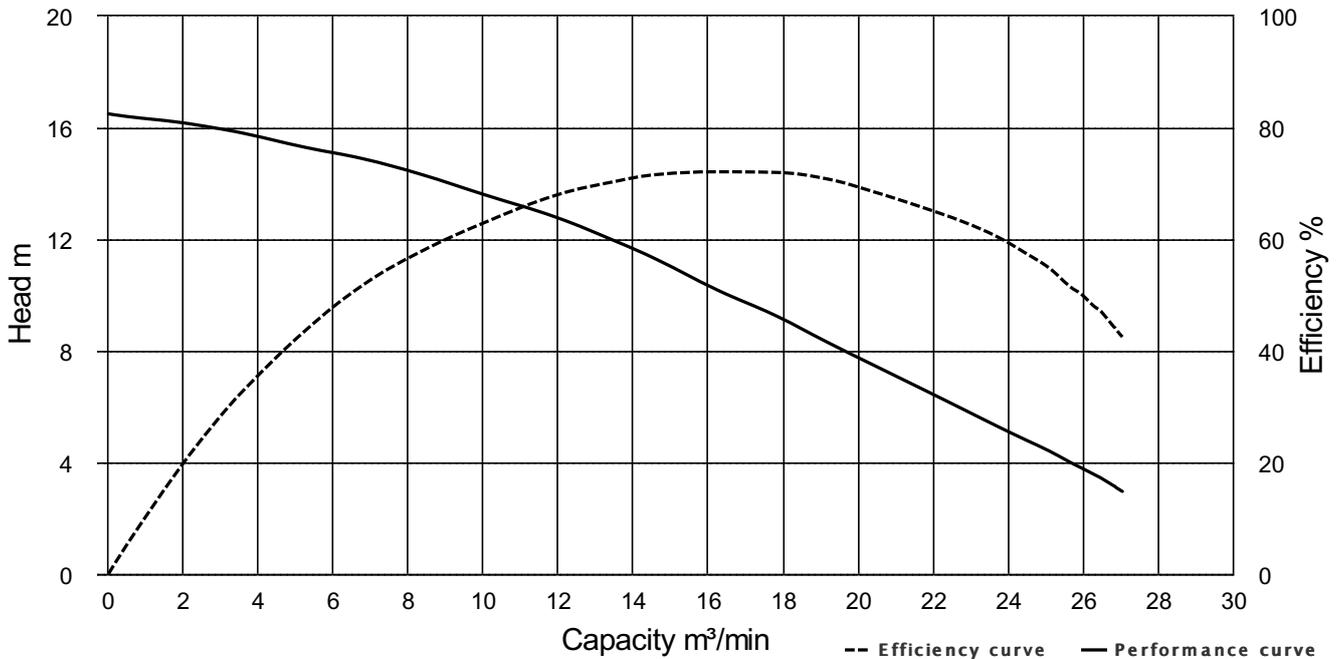
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

<b>Model</b>	AF-1650				<b>Ver NO.</b>	BA0407	
<b>Frequency / Phase</b>	50 Hz / 3 Ø				<b>REFERENCE SPECIFICATION</b>		
<b>Discharge</b>	16" / 400 mm						
<b>Power</b>	50 HP / 37 kW						
<b>Std. Head</b>	7.5 m						
<b>Std. Capacity</b>	20 m <sup>3</sup> /min						
<b>Volt</b>	380 V	400 V	415 V	525 V			
<b>Rated Current</b>	80.2 A	79.1 A	73.4 A	60.2 A			
<b>Pole / rpm</b>	6 P / 970 rpm						
<b>Start Method</b>	STAR-DELTA / DOL						
<b>Insulation Class</b>	H						



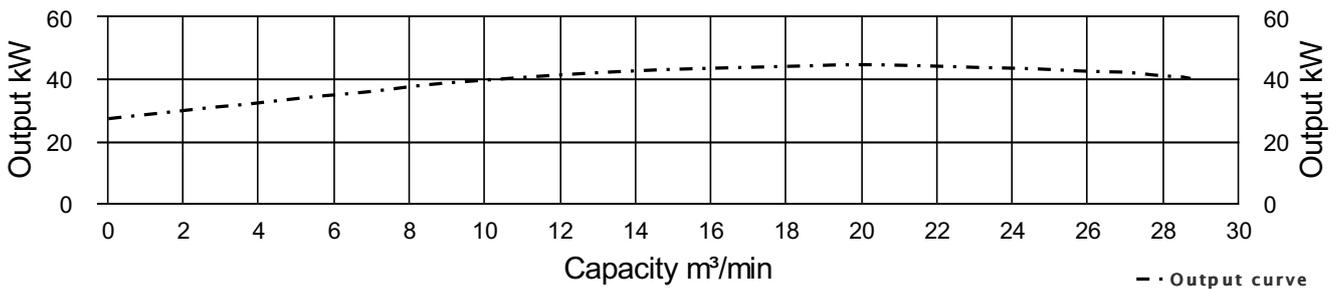
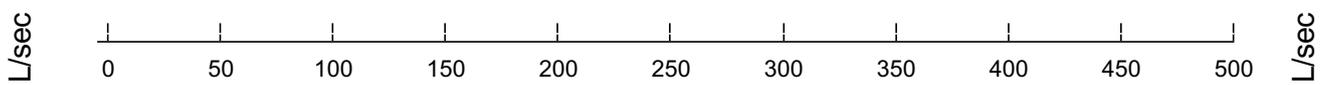
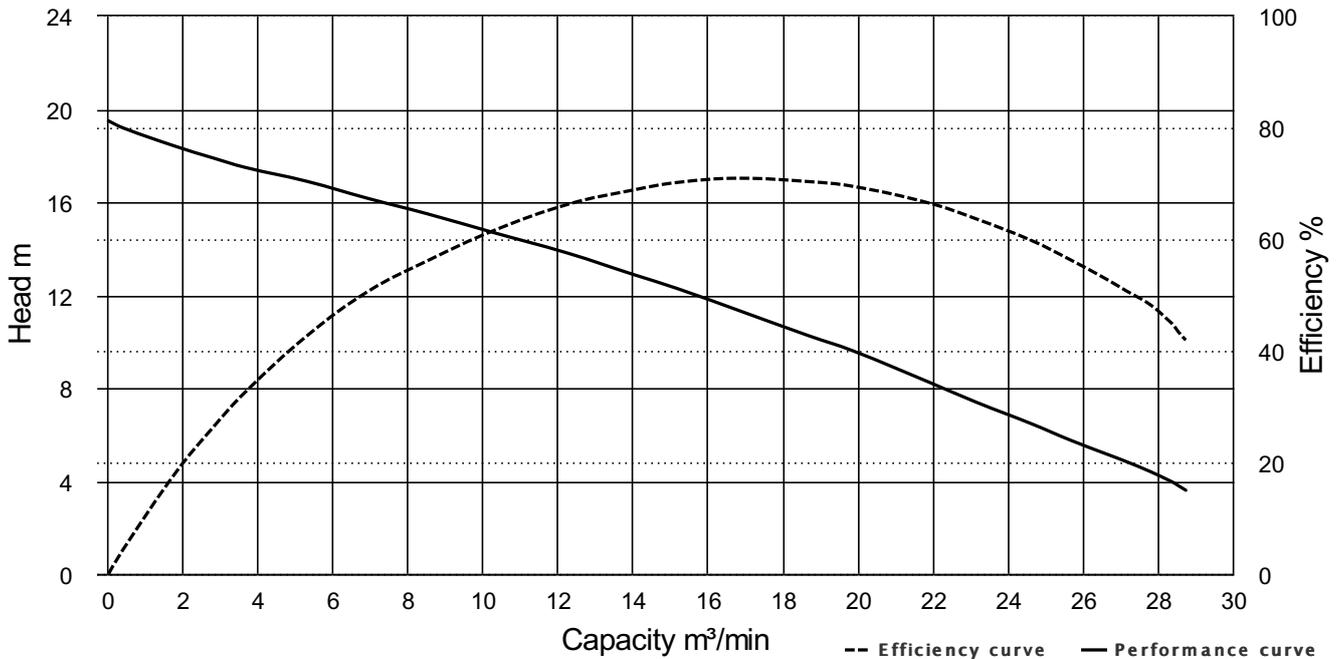
**HCP PUMP MANUFACTURER CO., LTD.**



# HCP PUMP

## PUMP PERFORMANCE CURVES

Model	AF-1660				Ver NO.	BA0407
Frequency / Phase	50 Hz / 3 Ø				REFERENCE SPECIFICATION	
Discharge	16" / 400 mm					
Power	60 HP / 45 kW					
Std. Head	10.5 m					
Std. Capacity	18 m <sup>3</sup> /min					
Volt	380 V	400 V	415 V	525 V		
Rated Current	93.5 A	92.2 A	85.6 A	70.2 A		
Pole / rpm	6 P / 970 rpm					
Start Method	STAR-DELTA / DOL					
Insulation Class	H					



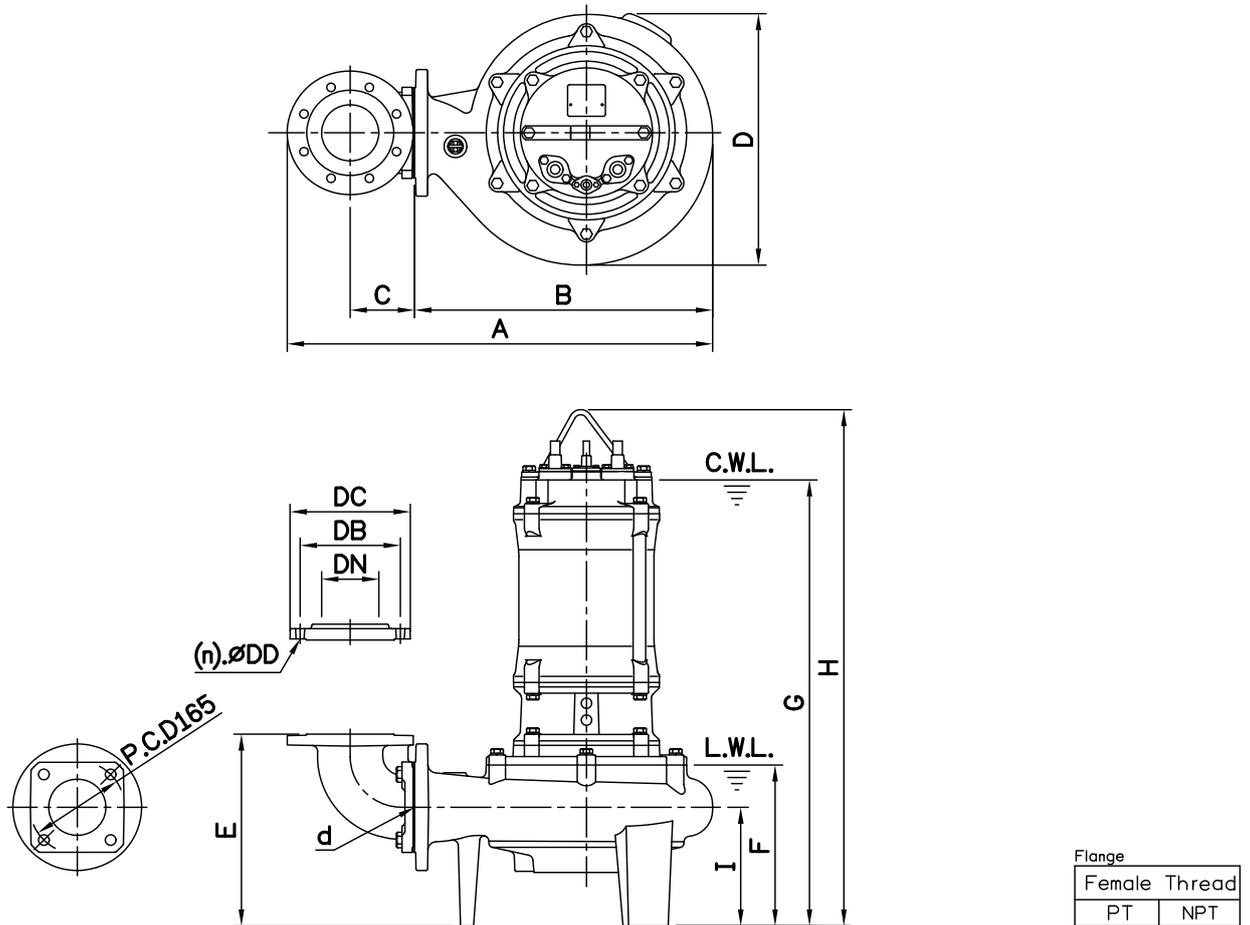
**HCP PUMP MANUFACTURER CO., LTD.**

## DIMENSIONS

NO: S4AFE4C0030-00

MODEL: 100(150)AFE411 / 415 / 422 / 430

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
100(150)AFE411	100	743	520	113	447	341	286	793	918	211	164	EB4-175A	100	175	210	15	8	13
100(150)AFE411	100	803	520	143	447	371	286	793	918	211	164	EB6-240(165)	150	240	280	23	8	23
100(150)AFE415	100	743	520	113	447	341	286	793	918	211	176	EB4-175A	100	175	210	15	8	13
100(150)AFE415	100	803	520	143	447	371	286	793	918	211	176	EB6-240(165)	150	240	280	23	8	23
100(150)AFE422	100	778	555	113	476	352	297	834	979	222	229	EB4-175A	100	175	210	15	8	13
100(150)AFE422	100	838	555	143	476	382	297	834	979	222	229	EB6-240(165)	150	240	280	23	8	23
100(150)AFE430	100	778	555	113	476	352	297	874	1019	222	250	EB4-175A	100	175	210	15	8	13
100(150)AFE430	100	838	555	143	476	382	297	874	1019	222	250	EB6-240(165)	150	240	280	23	8	23

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
100(150)AFE411	4	29 1/4	20 1/2	4 7/16	17 5/8	13 7/16	11 1/4	31 1/4	36 1/8	8 5/16	362	EB4-175A	4	6 7/8	8 3/4	3/16	8	29
100(150)AFE411	4	31 3/8	20 1/2	5 5/16	17 5/8	14 5/8	11 1/4	31 1/4	36 3/8	8 5/16	362	EB6-240(165)	6	9 1/16	11	7/8	8	51
100(150)AFE415	4	29 1/4	20 1/2	4 7/16	17 5/8	13 7/16	11 1/4	31 1/4	36 3/8	8 5/16	388	EB4-175A	4	6 7/8	8 3/4	3/16	8	29
100(150)AFE415	4	31 3/8	20 1/2	5 5/16	17 5/8	14 5/8	11 1/4	31 1/4	36 3/8	8 5/16	388	EB6-240(165)	6	9 1/16	11	7/8	8	51
100(150)AFE422	4	30 3/8	21 1/8	4 7/16	18 3/4	13 3/8	11 1/16	32 1/8	38 3/8	8 3/4	505	EB4-175A	4	6 7/8	8 3/4	3/16	8	29
100(150)AFE422	4	33	21 1/8	5 5/16	18 3/4	15 1/16	11 1/16	32 1/8	38 3/8	8 3/4	505	EB6-240(165)	6	9 1/16	11	7/8	8	51
100(150)AFE430	4	30 3/8	21 1/8	4 7/16	18 3/4	13 3/8	11 1/16	34 7/16	40 3/16	8 3/4	551	EB4-175A	4	6 7/8	8 3/4	3/16	8	29
100(150)AFE430	4	33	21 1/8	5 5/16	18 3/4	15 1/16	11 1/16	34 7/16	40 3/16	8 3/4	551	EB6-240(165)	6	9 1/16	11	7/8	8	51

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

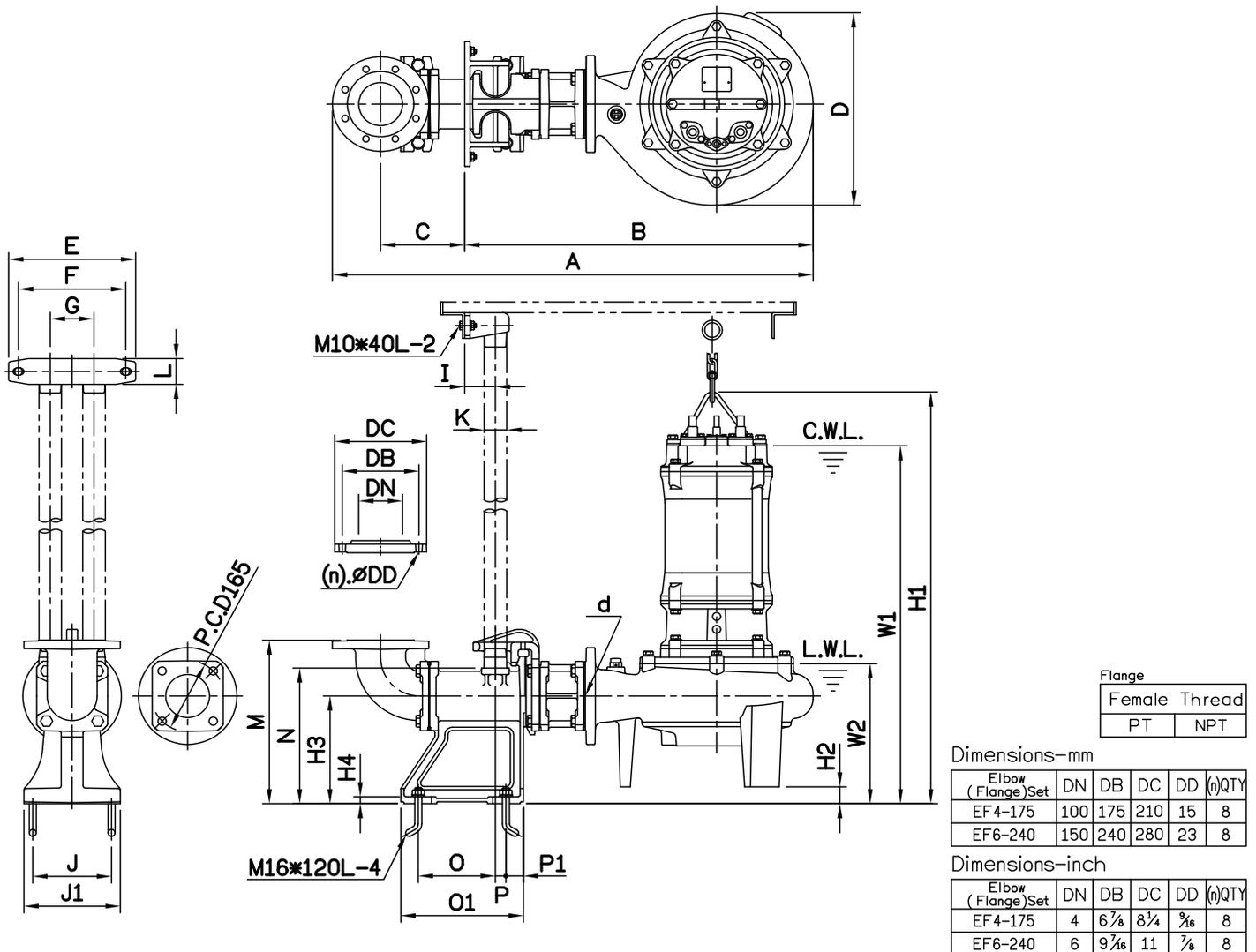
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

## DIMENSIONS

NO: T4AFE4C0030-00

MODEL: 100(150)AFE411 / 415 / 422 / 430

50Hz 3Ø



Flange	
Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF4-175	100	175	210	15	8
EF6-240	150	240	280	23	8

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF4-175	4	6 <sup>7</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>4</sub>	<sup>5</sup> / <sub>16</sub>	8
EF6-240	6	9 <sup>7</sup> / <sub>16</sub>	11	<sup>7</sup> / <sub>8</sub>	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
100(150)AFE411	100	1097	795	192	447	290	245	100	70	180	220	2 <sup>7</sup> / <sub>8</sub>	60	380	315	176	280	24	40	832	250	957	39	250	16	164	T100BH	51
100(150)AFE411	100	1158	795	223	447	290	245	100	70	180	220	2 <sup>7</sup> / <sub>8</sub>	60	410	315	176	280	24	40	832	250	957	39	250	16	164	T150(100)BH	56
100(150)AFE415	100	1097	795	192	447	290	245	100	70	180	220	2 <sup>7</sup> / <sub>8</sub>	60	380	315	176	280	24	40	832	250	957	39	250	16	176	T100BH	51
100(150)AFE415	100	1158	795	223	447	290	245	100	70	180	220	2 <sup>7</sup> / <sub>8</sub>	60	410	315	176	280	24	40	832	250	957	39	250	16	176	T150(100)BH	56
100(150)AFE422	100	1132	830	192	475	290	245	100	70	180	220	2 <sup>7</sup> / <sub>8</sub>	60	380	315	176	280	24	40	862	325	1007	28	250	16	229	T100BH	51
100(150)AFE422	100	1193	830	223	475	290	245	100	70	180	220	2 <sup>7</sup> / <sub>8</sub>	60	410	315	176	280	24	40	862	325	1007	28	250	16	229	T150(100)BH	56
100(150)AFE430	100	1132	830	192	475	290	245	100	70	180	220	2 <sup>7</sup> / <sub>8</sub>	60	380	315	176	280	24	40	902	325	1047	28	250	16	250	T100BH	51
100(150)AFE430	100	1193	830	223	475	290	245	100	70	180	220	2 <sup>7</sup> / <sub>8</sub>	60	410	315	176	280	24	40	902	325	1047	28	250	16	250	T150(100)BH	56

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
100(150)AFE411	4	43 <sup>3</sup> / <sub>16</sub>	31 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	17 <sup>7</sup> / <sub>8</sub>	11 <sup>1</sup> / <sub>16</sub>	9 <sup>5</sup> / <sub>16</sub>	3 <sup>15</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>16</sub>	2	2 <sup>3</sup> / <sub>8</sub>	14 <sup>15</sup> / <sub>16</sub>	12 <sup>3</sup> / <sub>8</sub>	6 <sup>15</sup> / <sub>16</sub>	11	<sup>15</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	32 <sup>3</sup> / <sub>4</sub>	9 <sup>9</sup> / <sub>16</sub>	37 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	<sup>5</sup> / <sub>8</sub>	362	T100BH	112
100(150)AFE411	4	45 <sup>5</sup> / <sub>16</sub>	31 <sup>5</sup> / <sub>16</sub>	8 <sup>3</sup> / <sub>4</sub>	17 <sup>7</sup> / <sub>8</sub>	11 <sup>1</sup> / <sub>16</sub>	9 <sup>5</sup> / <sub>16</sub>	3 <sup>15</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>16</sub>	2	2 <sup>3</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	6 <sup>15</sup> / <sub>16</sub>	11	<sup>15</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	32 <sup>3</sup> / <sub>4</sub>	9 <sup>9</sup> / <sub>16</sub>	37 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	<sup>5</sup> / <sub>8</sub>	362	T150(100)BH	123
100(150)AFE415	4	43 <sup>3</sup> / <sub>16</sub>	31 <sup>5</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	17 <sup>7</sup> / <sub>8</sub>	11 <sup>1</sup> / <sub>16</sub>	9 <sup>5</sup> / <sub>16</sub>	3 <sup>15</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>16</sub>	2	2 <sup>3</sup> / <sub>8</sub>	14 <sup>15</sup> / <sub>16</sub>	12 <sup>3</sup> / <sub>8</sub>	6 <sup>15</sup> / <sub>16</sub>	11	<sup>15</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	32 <sup>3</sup> / <sub>4</sub>	9 <sup>9</sup> / <sub>16</sub>	37 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	<sup>5</sup> / <sub>8</sub>	388	T100BH	112
100(150)AFE415	4	45 <sup>5</sup> / <sub>16</sub>	31 <sup>5</sup> / <sub>16</sub>	8 <sup>3</sup> / <sub>4</sub>	17 <sup>7</sup> / <sub>8</sub>	11 <sup>1</sup> / <sub>16</sub>	9 <sup>5</sup> / <sub>16</sub>	3 <sup>15</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>16</sub>	2	2 <sup>3</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	6 <sup>15</sup> / <sub>16</sub>	11	<sup>15</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	32 <sup>3</sup> / <sub>4</sub>	9 <sup>9</sup> / <sub>16</sub>	37 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	<sup>5</sup> / <sub>8</sub>	388	T150(100)BH	123
100(150)AFE422	4	44 <sup>3</sup> / <sub>16</sub>	32 <sup>1</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	18 <sup>1</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	9 <sup>5</sup> / <sub>16</sub>	3 <sup>15</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>16</sub>	2	2 <sup>3</sup> / <sub>8</sub>	14 <sup>15</sup> / <sub>16</sub>	12 <sup>3</sup> / <sub>8</sub>	6 <sup>15</sup> / <sub>16</sub>	11	<sup>15</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	33 <sup>15</sup> / <sub>16</sub>	12 <sup>3</sup> / <sub>16</sub>	39 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	<sup>5</sup> / <sub>8</sub>	505	T100BH	112
100(150)AFE422	4	46 <sup>7</sup> / <sub>16</sub>	32 <sup>1</sup> / <sub>16</sub>	8 <sup>3</sup> / <sub>4</sub>	18 <sup>1</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	9 <sup>5</sup> / <sub>16</sub>	3 <sup>15</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>16</sub>	2	2 <sup>3</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	6 <sup>15</sup> / <sub>16</sub>	11	<sup>15</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	33 <sup>15</sup> / <sub>16</sub>	12 <sup>3</sup> / <sub>16</sub>	39 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	<sup>5</sup> / <sub>8</sub>	505	T150(100)BH	123
100(150)AFE430	4	44 <sup>3</sup> / <sub>16</sub>	32 <sup>1</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	18 <sup>1</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	9 <sup>5</sup> / <sub>16</sub>	3 <sup>15</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>16</sub>	2	2 <sup>7</sup> / <sub>8</sub>	14 <sup>15</sup> / <sub>16</sub>	12 <sup>3</sup> / <sub>8</sub>	6 <sup>15</sup> / <sub>16</sub>	11	<sup>15</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	35 <sup>1</sup> / <sub>2</sub>	12 <sup>3</sup> / <sub>16</sub>	41 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	<sup>5</sup> / <sub>8</sub>	551	T100BH	112
100(150)AFE430	4	46 <sup>7</sup> / <sub>16</sub>	32 <sup>1</sup> / <sub>16</sub>	8 <sup>3</sup> / <sub>4</sub>	18 <sup>1</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	9 <sup>5</sup> / <sub>16</sub>	3 <sup>15</sup> / <sub>16</sub>	2 <sup>7</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>16</sub>	2	2 <sup>3</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	6 <sup>15</sup> / <sub>16</sub>	11	<sup>15</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	35 <sup>1</sup> / <sub>2</sub>	12 <sup>3</sup> / <sub>16</sub>	41 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>16</sub>	9 <sup>9</sup> / <sub>16</sub>	<sup>5</sup> / <sub>8</sub>	551	T150(100)BH	123

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

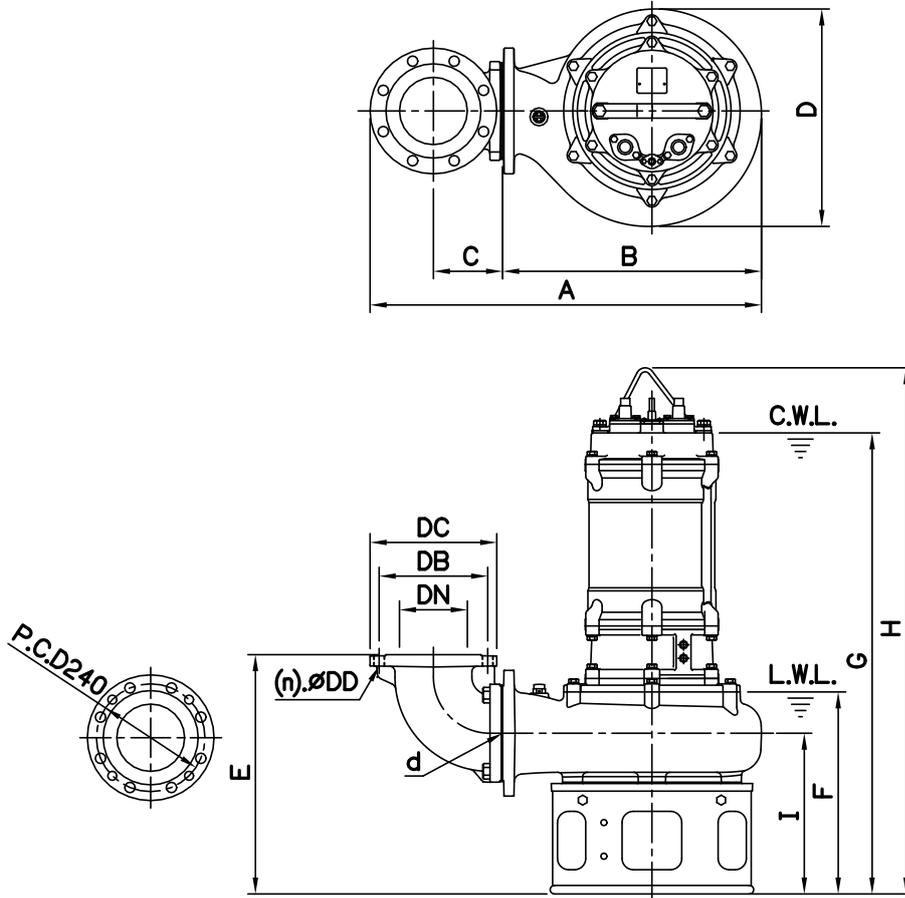
WT1:Pump Weight(Without Cable)  
WT2:GRS Set Weight

**DIMENSIONS**

**NO: S6AFE4C0030-00**

**MODEL: 150(200)AFE422 / 430**

**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
150(200)AFE422	150	865	572	153	485	533	450	987	1132	358	276	EB6-240A	150	240	280	23	8	21
150(200)AFE422	150	920	572	178	485	543	450	987	1132	358	276	EB8-290(240)	200	290	340	23	12	28
150(200)AFE430	150	865	572	153	485	533	450	1027	1172	358	298	EB6-240A	150	240	280	23	8	21
150(200)AFE430	150	920	572	178	485	543	450	1027	1172	358	298	EB8-290(240)	200	290	340	23	12	28

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
150(200)AFE422	6	34 1/4	22 1/2	6	19 1/8	21	17 7/8	38 7/8	44 1/4	14 1/8	608	EB6-240A	6	9 3/8	11	7/8	8	46
150(200)AFE422	6	36 1/4	22 1/2	7	19 1/8	21 1/8	17 7/8	38 7/8	44 1/4	14 1/8	608	EB8-290(240)	8	11 1/8	11 1/8	7/8	12	62
150(200)AFE430	6	34 1/4	22 1/2	6	19 1/8	21	17 7/8	40 1/4	46 1/8	14 1/8	657	EB6-240A	6	9 3/8	11	7/8	8	46
150(200)AFE430	6	36 1/4	22 1/2	7	19 1/8	21 1/8	17 7/8	40 1/4	46 1/8	14 1/8	657	EB8-290(240)	8	11 1/8	11 1/8	7/8	12	62

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

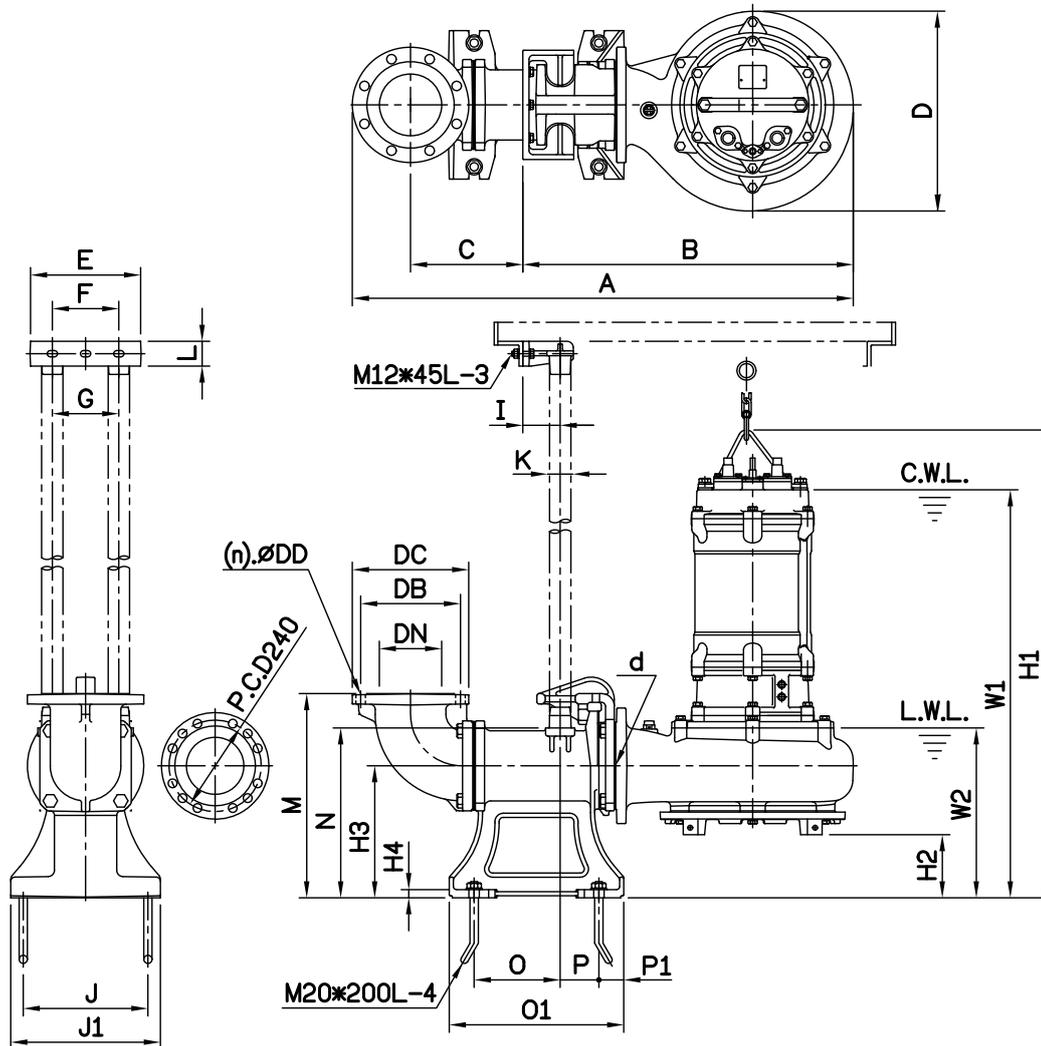
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

## DIMENSIONS

NO: T4AFE4C0030-00

MODEL: 150(200)AFE422 / 430

50Hz 3Ø



Dimensions-mm

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF6-240A	150	240	280	23	8
EF8-290(240)A	200	290	340	23	12

Dimensions-inch

Elbow (Flange)Set	DN	DB	DC	DD	(n)QTY
EF6-240A	6	9 7/16	11	7/8	8
EF8-290(240)A	8	11 7/16	13 3/8	7/8	12

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
150(200)AFE422	150	1205	795	270	485	265	160	160	90	300	360	2"	60	495	412	207	420	93	60	949	412	1094	153	320	20	258	T150A	92
150(200)AFE422	150	1260	795	295	485	265	160	160	90	300	360	2"	60	505	412	207	420	93	60	949	412	1094	153	320	20	258	T200(150)A	99
150(200)AFE430	150	1205	795	270	485	265	160	160	90	300	360	2"	60	495	412	207	420	93	60	989	412	1134	153	320	20	280	T150A	92
150(200)AFE430	150	1260	795	295	485	265	160	160	90	300	360	2"	60	505	412	207	420	93	60	989	412	1134	153	320	20	280	T200(150)A	99

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
150(200)AFE422	6	47 7/16	31 1/4	10 3/8	19 1/8	10 7/16	6 3/8	6 5/16	3 5/16	11 3/8	14 1/4	2	2 3/8	19 1/2	16 1/4	8 1/8	16 5/16	3 7/16	2 3/8	33 3/4	16 1/4	43 3/8	6	12 1/8	7/8	569	T150A	203
150(200)AFE422	6	49 5/16	31 1/4	11 1/8	19 1/8	10 7/16	6 3/8	6 5/16	3 5/16	11 3/8	14 1/4	2	2 3/8	19 1/2	16 1/4	8 1/8	16 5/16	3 7/16	2 3/8	33 3/4	16 1/4	43 3/8	6	12 1/8	7/8	569	T200(150)A	218
150(200)AFE430	6	47 7/16	31 1/4	10 3/8	19 1/8	10 7/16	6 3/8	6 5/16	3 5/16	11 3/8	14 1/4	2	2 3/8	19 1/2	16 1/4	8 1/8	16 5/16	3 7/16	2 3/8	35	16 1/4	44 3/8	6	12 1/8	7/8	617	T150A	203
150(200)AFE430	6	49 5/16	31 1/4	11 1/8	19 1/8	10 7/16	6 3/8	6 5/16	3 5/16	11 3/8	14 1/4	2	2 3/8	19 1/2	16 1/4	8 1/8	16 5/16	3 7/16	2 3/8	35	16 1/4	44 3/8	6	12 1/8	7/8	617	T200(150)A	218

Weight:lb

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

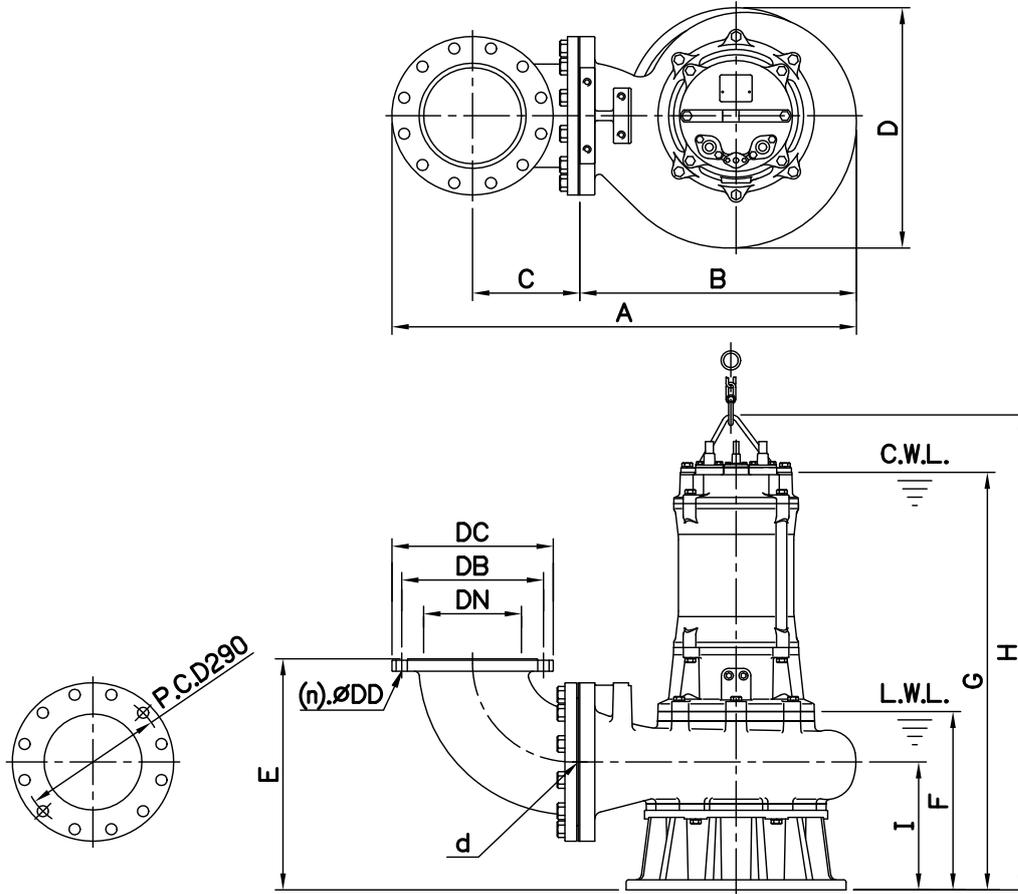
WT1:Pump Weight(Without Cable)  
WT2:GRS Set Weight

## DIMENSIONS

NO: S8AF04A5A30-00

MODEL: AF-815A / 820A

50Hz 3Ø



Dimensions—mm

Model	d	A	B	C	D	E	F	G	H	I	WT1	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
AF-815A	200	950	566	219	501	483	372	870	990	267	211	EB8-290	200	290	330	23	12	44
AF-820A	200	950	566	219	501	483	372	870	990	267	223	EB8-290	200	290	330	23	12	44

Weight:kg

Dimensions—inch

Model	d	A	B	C	D	E	F	G	H	I	WT1	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
AF-815A	8	37 <sup>3</sup> / <sub>8</sub>	22 <sup>7</sup> / <sub>16</sub>	8 <sup>5</sup> / <sub>8</sub>	19 <sup>3</sup> / <sub>4</sub>	19	14 <sup>5</sup> / <sub>8</sub>	34 <sup>1</sup> / <sub>8</sub>	39	10 <sup>1</sup> / <sub>2</sub>	465	EB8-290	8	11 <sup>7</sup> / <sub>16</sub>	13	7 <sup>7</sup> / <sub>8</sub>	12	97
AF-820A	8	37 <sup>3</sup> / <sub>8</sub>	22 <sup>7</sup> / <sub>16</sub>	8 <sup>5</sup> / <sub>8</sub>	19 <sup>3</sup> / <sub>4</sub>	19	14 <sup>5</sup> / <sub>8</sub>	34 <sup>1</sup> / <sub>8</sub>	39	10 <sup>1</sup> / <sub>2</sub>	492	EB8-290	8	11 <sup>7</sup> / <sub>16</sub>	13	7 <sup>7</sup> / <sub>8</sub>	12	97

Weight:lb

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

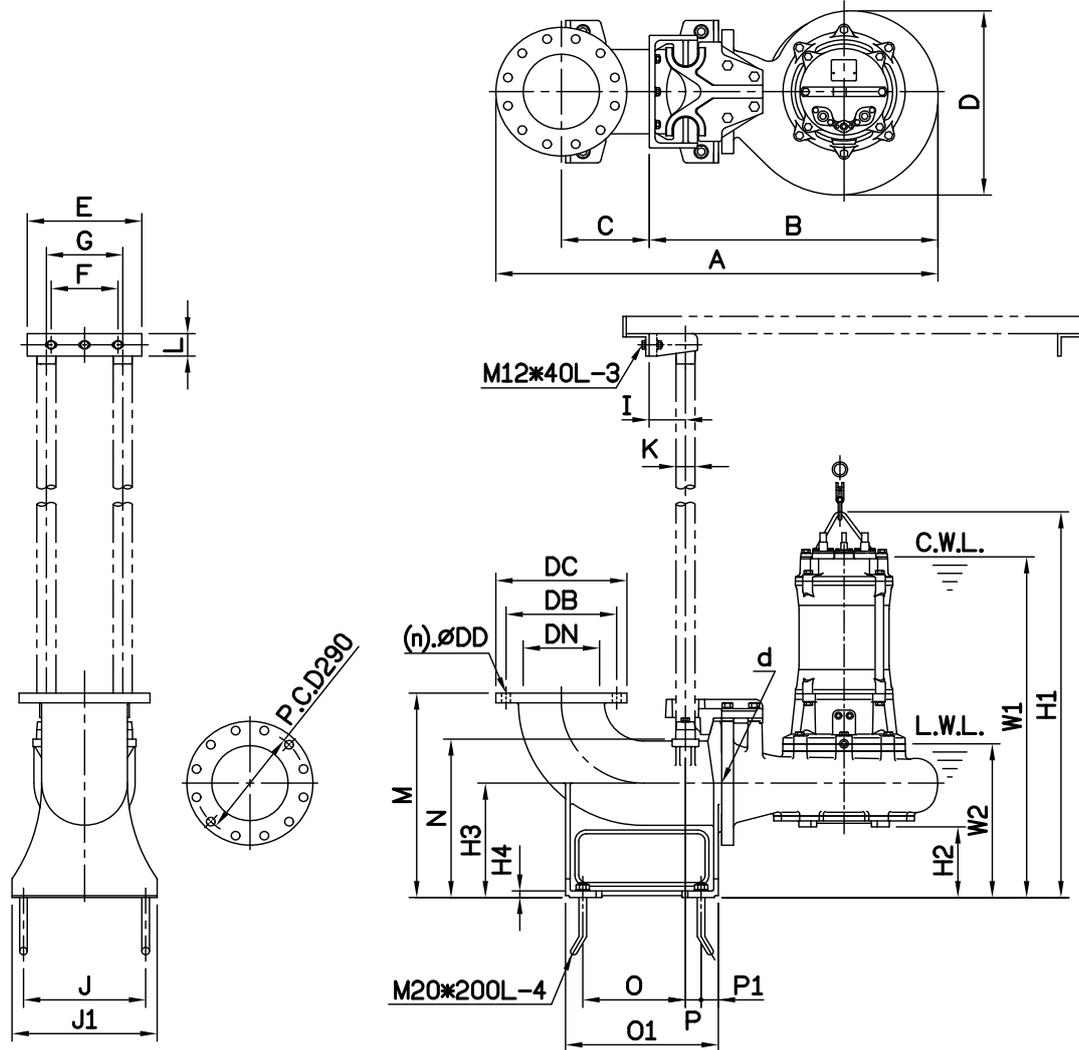
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

## DIMENSIONS

NO: T8AF04A5A30-00

MODEL: AF-815A / 820A

50Hz 3Ø



Dimensions-mm

DN	DB	DC	DD	(n)QTY
200	290	343	23	12

Dimensions-inch

DN	DB	DC	DD	(n)QTY
8	11 <sup>7</sup> / <sub>16</sub>	13 <sup>3</sup> / <sub>2</sub>	7 <sup>8</sup> / <sub>16</sub>	12

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
AF-815A	200	1158	756	230	490	300	175	200	95	320	380	2"	60	545	423	269	400	41	45	909	410	1029	188	305	18	182	T200	116
AF-820A	200	1158	756	230	490	300	175	200	95	320	380	2"	60	545	423	269	400	41	45	909	410	1029	188	305	18	194	T200	116

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
AF-815A	8	45 <sup>3</sup> / <sub>8</sub>	29 <sup>3</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>8</sub>	19 <sup>5</sup> / <sub>8</sub>	11 <sup>1</sup> / <sub>8</sub>	6 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>8</sub>	14 <sup>5</sup> / <sub>8</sub>	2	2 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	10 <sup>9</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	1 <sup>7</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	35 <sup>13</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>2</sub>	40 <sup>3</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>8</sub>	12	1 <sup>1</sup> / <sub>8</sub>	423	T200	256
AF-820A	8	45 <sup>3</sup> / <sub>8</sub>	29 <sup>3</sup> / <sub>4</sub>	9 <sup>1</sup> / <sub>8</sub>	19 <sup>5</sup> / <sub>8</sub>	11 <sup>1</sup> / <sub>8</sub>	6 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>8</sub>	14 <sup>5</sup> / <sub>8</sub>	2	2 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	10 <sup>9</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	1 <sup>7</sup> / <sub>8</sub>	1 <sup>3</sup> / <sub>4</sub>	35 <sup>13</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>2</sub>	40 <sup>3</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>8</sub>	12	1 <sup>1</sup> / <sub>8</sub>	452	T200	256

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

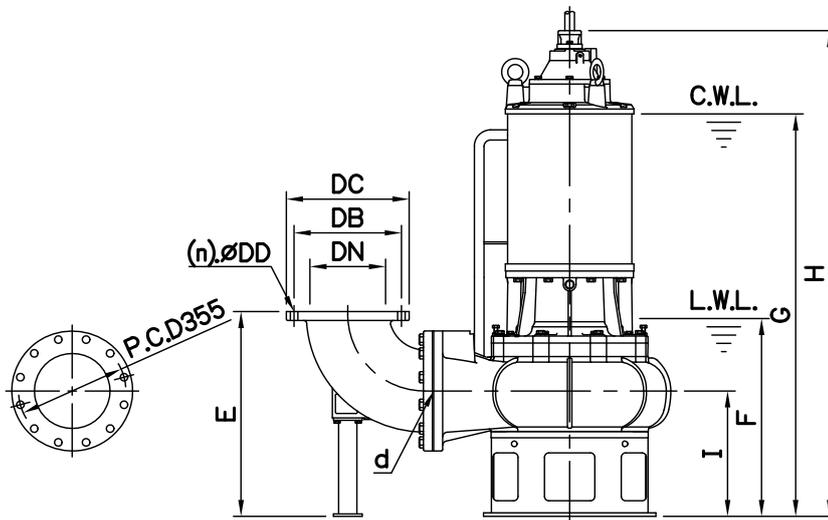
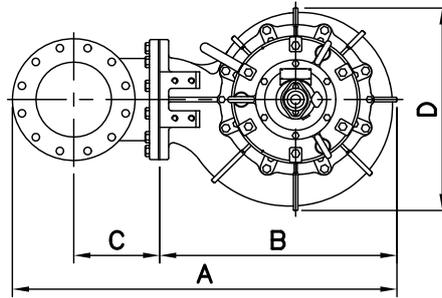
WT1:Pump Weight(Without Cable)  
WT2:GRS Set Weight

**DIMENSIONS**

**NO: SJAF04C7030-00**

**MODEL: AF-1030S / 1040 / 1050**

**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
AF-1030S	250	1273	786	284	676	684	660	1342	1621	419	710	EB10-355	250	355	406	25	12	79
AF-1040	250	1273	786	284	676	684	660	1342	1621	419	681	EB10-355	250	355	406	25	12	79
AF-1050	250	1273	786	284	676	684	660	1342	1621	419	691	EB10-355	250	355	406	25	12	79

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
AF-1030S	10	50 <sup>1</sup> / <sub>8</sub>	30 <sup>1</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>16</sub>	26 <sup>5</sup> / <sub>16</sub>	26 <sup>1</sup> / <sub>8</sub>	26	52 <sup>3</sup> / <sub>16</sub>	63 <sup>3</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>2</sub>	1565	EB10-355	10	14	16	1	12	174
AF-1040	10	50 <sup>1</sup> / <sub>8</sub>	30 <sup>1</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>16</sub>	26 <sup>5</sup> / <sub>16</sub>	26 <sup>1</sup> / <sub>8</sub>	26	52 <sup>3</sup> / <sub>16</sub>	63 <sup>3</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>2</sub>	1501	EB10-355	10	14	16	1	12	174
AF-1050	10	50 <sup>1</sup> / <sub>8</sub>	30 <sup>1</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>16</sub>	26 <sup>5</sup> / <sub>16</sub>	26 <sup>1</sup> / <sub>8</sub>	26	52 <sup>3</sup> / <sub>16</sub>	63 <sup>3</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>2</sub>	1523	EB10-355	10	14	16	1	12	174

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

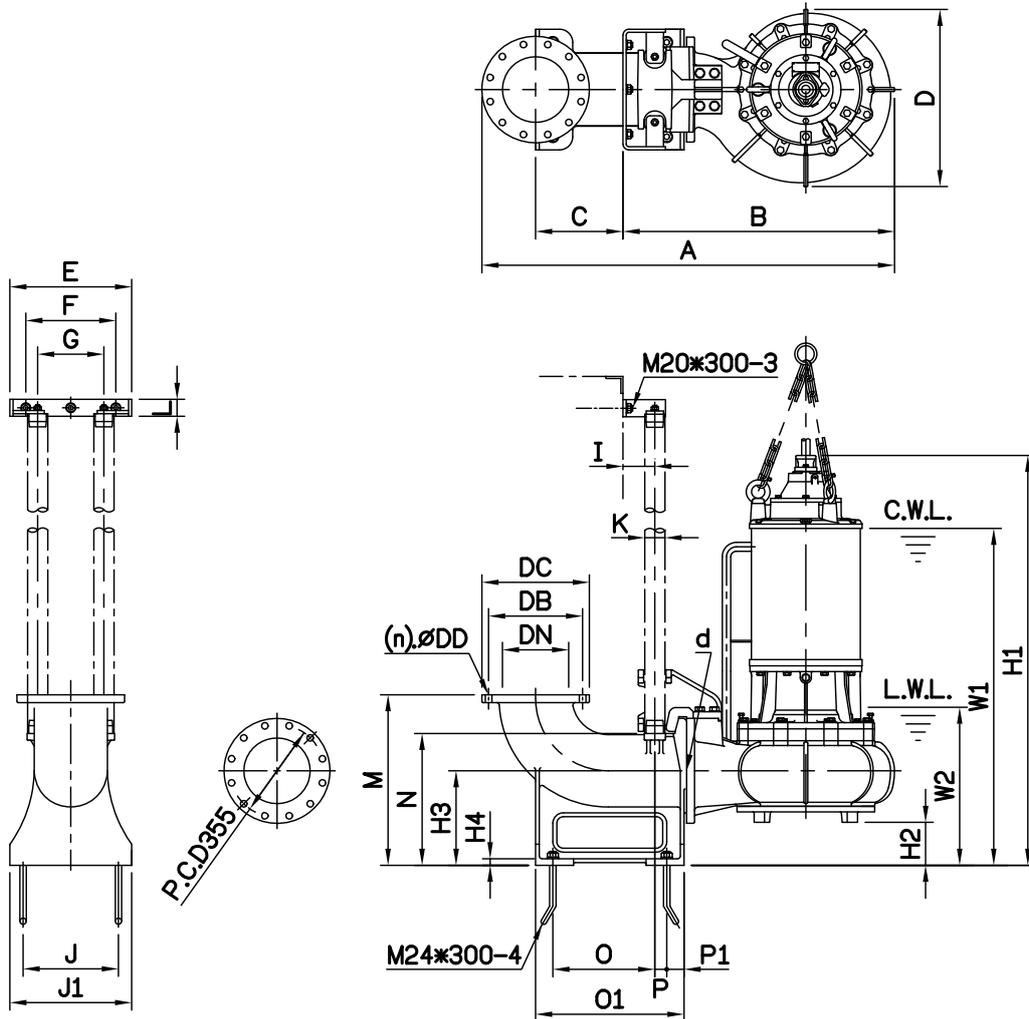
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

**DIMENSIONS**

**NO: TJAF04C7030-00**

**MODEL: AF-1030S / 1040 / 1050**

**50Hz 3Ø**



Dimensions—mm

DN	DB	DC	DD	(n)QTY
250	355	406	25	12

Dimensions—inch

DN	DB	DC	DD	(n)QTY
10	14	16	1	12

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
AF-1030S	250	1558	1025	330	676	460	340	250	120	360	460	2 1/2"	65	650	502	385	560	45	65	1283	602	1562	164	360	25	671	T250	218
AF-1040	250	1558	1025	330	676	460	340	250	120	360	460	2 1/2"	65	650	502	385	560	45	65	1283	602	1562	164	360	25	642	T250	218
AF-1050	250	1558	1025	330	676	460	340	250	120	360	460	2 1/2"	65	650	502	385	560	45	65	1283	602	1562	164	360	25	652	T250	218

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
AF-1030S	10	61 5/8	40 3/8	13	26 5/8	18 1/8	13 3/8	9 1/8	4 3/4	14 3/16	18 1/2	2 1/2	2 5/16	25 3/8	19 3/4	15 3/8	22 1/8	1 3/4	2 5/8	50 1/2	23 3/8	61 1/2	6 5/8	14 3/16	1	1479	T250	481
AF-1040	10	61 5/8	40 3/8	13	26 5/8	18 1/8	13 3/8	9 1/8	4 3/4	14 3/16	18 1/2	2 1/2	2 5/16	25 3/8	19 3/4	15 3/8	22 1/8	1 3/4	2 5/8	50 1/2	23 3/8	61 1/2	6 5/8	14 3/16	1	1415	T250	481
AF-1050	10	61 5/8	40 3/8	13	26 5/8	18 1/8	13 3/8	9 1/8	4 3/4	14 3/16	18 1/2	2 1/2	2 5/16	25 3/8	19 3/4	15 3/8	22 1/8	1 3/4	2 5/8	50 1/2	23 3/8	61 1/2	6 5/8	14 3/16	1	1437	T250	481

Weight:lb

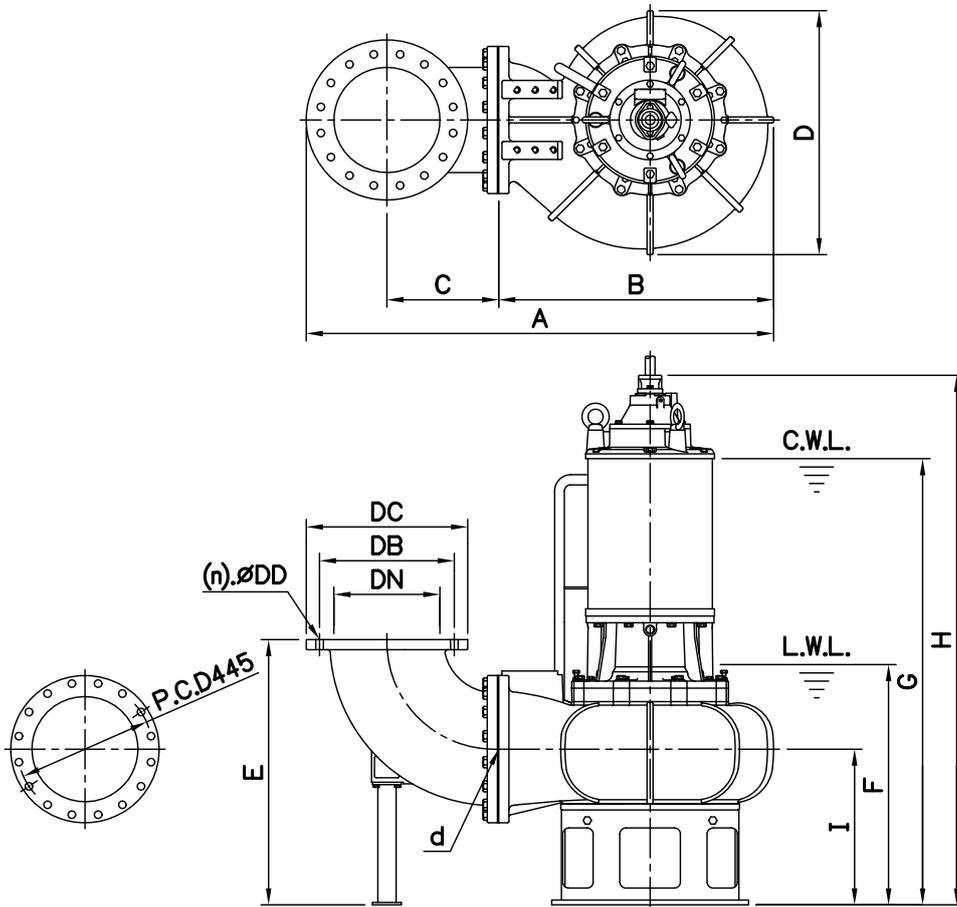
Remark: Removing strainer before installing connecting with Guide rail system.  
 C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)  
 L.W.L.:Lowest Running Water Level WT2:GRS Set Weight

**DIMENSIONS**

**NO: SLAF06C0030-00**

**MODEL: AF-1430 / 1440**

**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
AF-1430	350	1544	908	369	813	883	800	1485	1763	518	828	EB14-445	350	445	533	25	16	146
AF-1440	350	1544	908	369	813	883	800	1485	1763	518	833	EB14-445	350	445	533	25	16	146

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
AF-1430	14	60 <sup>3</sup> / <sub>8</sub>	35 <sup>3</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>2</sub>	32	34 <sup>3</sup> / <sub>4</sub>	31 <sup>1</sup> / <sub>2</sub>	58 <sup>7</sup> / <sub>16</sub>	69 <sup>7</sup> / <sub>16</sub>	20 <sup>3</sup> / <sub>8</sub>	1825	EB14-445	14	17 <sup>1</sup> / <sub>2</sub>	21	1	16	322
AF-1440	14	60 <sup>3</sup> / <sub>8</sub>	35 <sup>3</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>2</sub>	32	34 <sup>3</sup> / <sub>4</sub>	31 <sup>1</sup> / <sub>2</sub>	58 <sup>7</sup> / <sub>16</sub>	69 <sup>7</sup> / <sub>16</sub>	20 <sup>3</sup> / <sub>8</sub>	1836	EB14-445	14	17 <sup>1</sup> / <sub>2</sub>	21	1	16	322

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

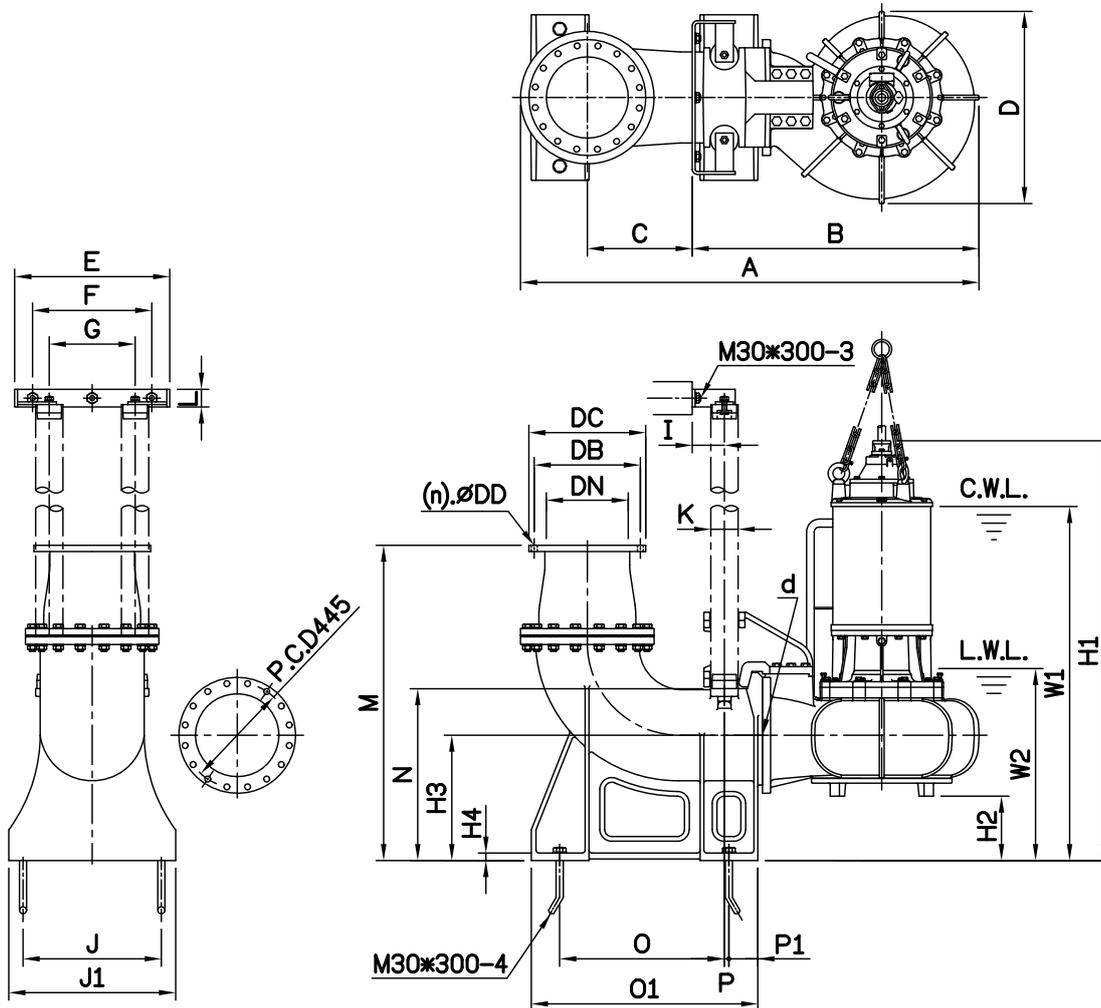
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

## DIMENSIONS

NO: TLAFO6C0030-00

MODEL: AF-1430 / 1440

50Hz 3Ø



Dimensions—mm

DN	DB	DC	DD	(n)QTY
350	445	490	25	16

Dimensions—inch

DN	DB	DC	DD	(n)QTY
14	17½	19½	1	16

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
AF-1430	350	1923	1203	440	813	650	500	360	135	580	700	4"	75	1333	727	691	950	19	121	1497	812	1775	273	530	32	768	T350	694
AF-1440	350	1923	1203	440	813	650	500	360	135	580	700	4"	75	1333	727	691	950	19	121	1497	812	1775	273	530	32	773	T350	694

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
AF-1430	14	75½	47¾	17¾	32	25½	19½	14¾	5½	22¾	27¾	4	2½	52½	28¾	27¾	37¾	¾	4¾	58½	31½	69¾	10¾	20¾	1¼	1693	T350	1530
AF-1440	14	75½	47¾	17¾	32	25½	19½	14¾	5½	22¾	27¾	4	2½	52½	28¾	27¾	37¾	¾	4¾	58½	31½	69¾	10¾	20¾	1¼	1704	T350	1530

Weight:lb

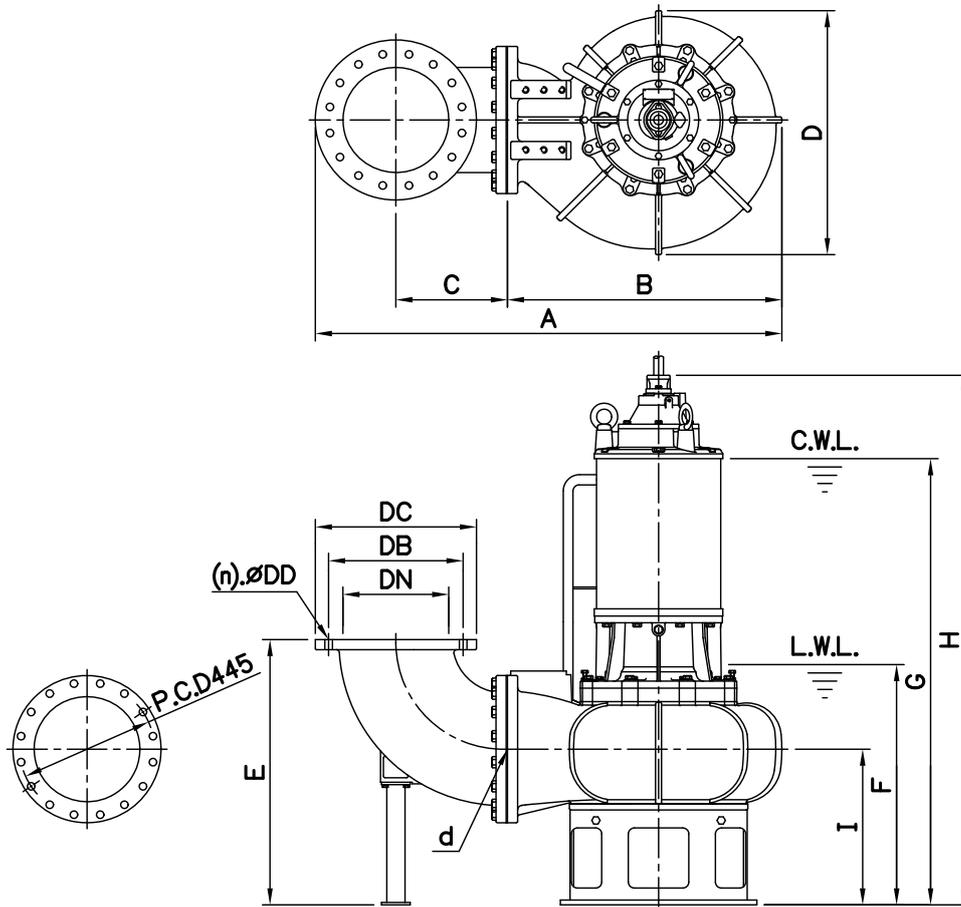
C.W.L.:Continuous Running Water Level  
L.W.L.:Lowest Running Water Level  
WT1:Pump Weight(Without Cable)  
WT2:GRS Set Weight

**DIMENSIONS**

**NO: SMAF04D5030-00**

**MODEL: AF-1650 / 1660**

**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
AF-1650	350	1558	908	369	813	883	800	1485	1763	518	965	EB16-510(445)	350	510	560	25	16	156
AF-1660	350	1558	908	369	813	883	800	1485	1763	518	970	EB16-510(445)	350	510	560	25	16	156

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
AF-1650	14	61 <sup>5</sup> / <sub>16</sub>	35 <sup>3</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>2</sub>	32	34 <sup>3</sup> / <sub>4</sub>	31 <sup>1</sup> / <sub>2</sub>	58 <sup>7</sup> / <sub>16</sub>	69 <sup>7</sup> / <sub>16</sub>	20 <sup>3</sup> / <sub>8</sub>	2127	EB16-510(445)	14	20 <sup>1</sup> / <sub>16</sub>	22 <sup>1</sup> / <sub>16</sub>	1	16	344
AF-1660	14	61 <sup>5</sup> / <sub>16</sub>	35 <sup>3</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>2</sub>	32	34 <sup>3</sup> / <sub>4</sub>	31 <sup>1</sup> / <sub>2</sub>	58 <sup>7</sup> / <sub>16</sub>	69 <sup>7</sup> / <sub>16</sub>	20 <sup>3</sup> / <sub>8</sub>	2138	EB16-510(445)	14	20 <sup>1</sup> / <sub>16</sub>	22 <sup>1</sup> / <sub>16</sub>	1	16	344

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

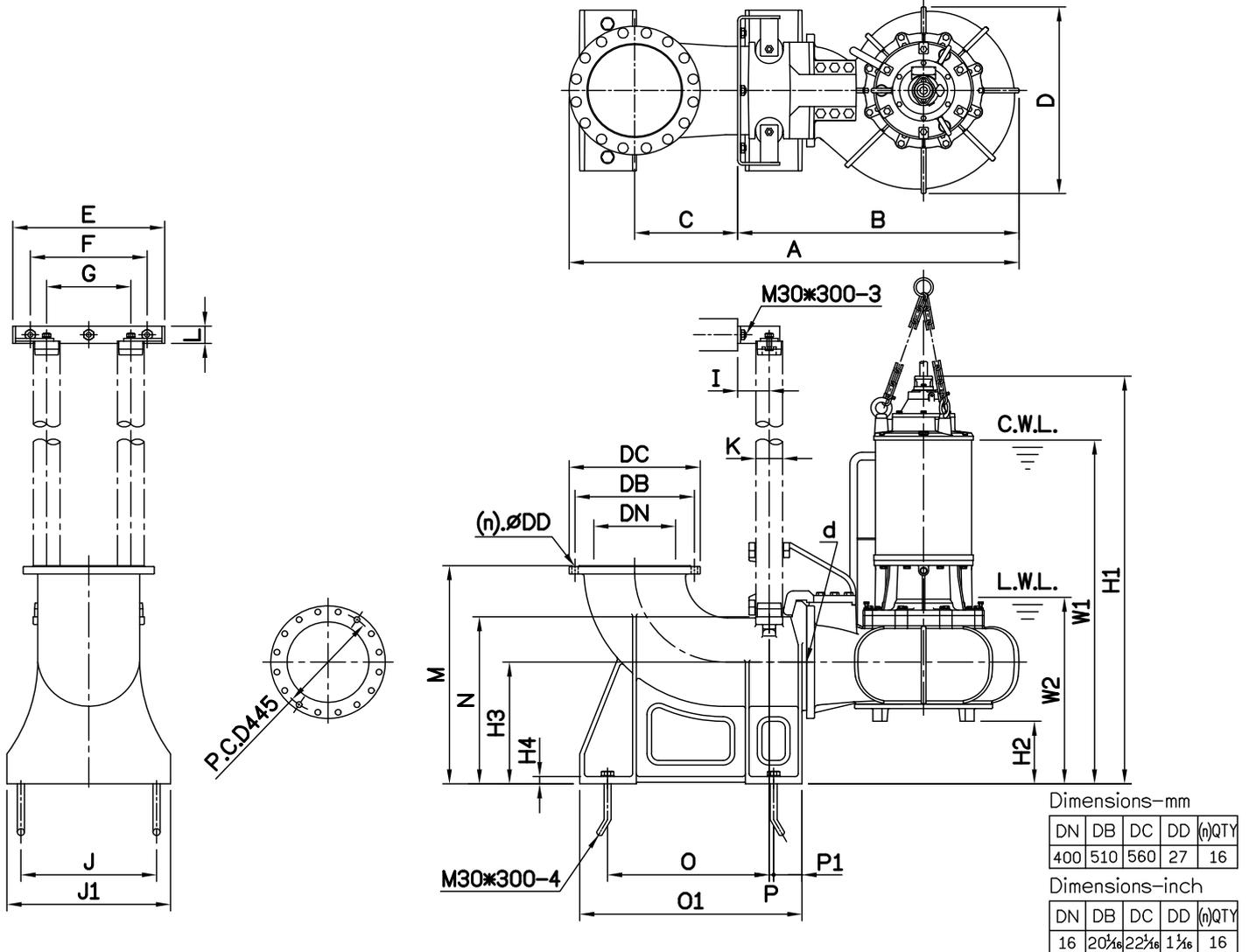
WT1:Pump Weight(Without Cable)  
WT2:Elbow Set Weight

## DIMENSIONS

NO: TMAF04D5032-00

MODEL: AF-1650 / 1660

3Ø



Dimensions-mm									
DN	DB	DC	DD	(n)QTY					
400	510	560	27	16					

Dimensions-inch									
DN	DB	DC	DD	(n)QTY					
16	20 <sup>11</sup> / <sub>16</sub>	22 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>16</sub>	16					

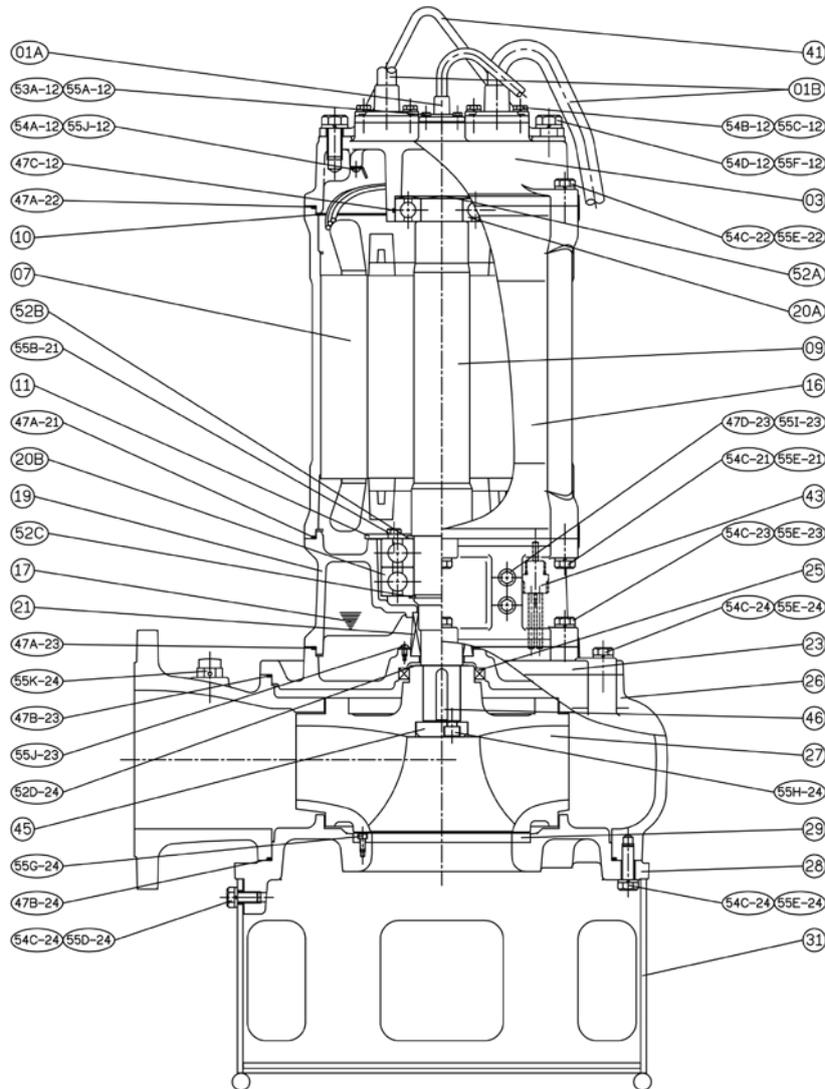
Dimensions-mm																	Weight:kg											
Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	GRS Set	WT2
AF-1650	350	1923	1203	440	813	650	500	360	135	580	700	4*	75	950	727	691	950	19	121	1497	812	1775	273	530	32	905	T400(350)	694
AF-1660	350	1923	1203	440	813	650	500	360	135	580	700	4*	75	950	727	691	950	19	121	1497	812	1775	273	530	32	910	T400(350)	694

Dimensions-inch																	Weight:lb											
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
AF-1650	14	75 <sup>11</sup> / <sub>16</sub>	47 <sup>3</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>16</sub>	32	25 <sup>9</sup> / <sub>16</sub>	19 <sup>1</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	27 <sup>3</sup> / <sub>16</sub>	4	2 <sup>5</sup> / <sub>16</sub>	37 <sup>3</sup> / <sub>16</sub>	28 <sup>7</sup> / <sub>16</sub>	27 <sup>7</sup> / <sub>16</sub>	37 <sup>3</sup> / <sub>16</sub>	3/4	4 <sup>3</sup> / <sub>16</sub>	58 <sup>15</sup> / <sub>16</sub>	31 <sup>1</sup> / <sub>16</sub>	69 <sup>7</sup> / <sub>16</sub>	10 <sup>3</sup> / <sub>4</sub>	20 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	1995	T400(350)	1530
AF-1660	14	75 <sup>11</sup> / <sub>16</sub>	47 <sup>3</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>16</sub>	32	25 <sup>9</sup> / <sub>16</sub>	19 <sup>1</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>16</sub>	27 <sup>3</sup> / <sub>16</sub>	4	2 <sup>5</sup> / <sub>16</sub>	37 <sup>3</sup> / <sub>16</sub>	28 <sup>7</sup> / <sub>16</sub>	27 <sup>7</sup> / <sub>16</sub>	37 <sup>3</sup> / <sub>16</sub>	3/4	4 <sup>3</sup> / <sub>16</sub>	58 <sup>15</sup> / <sub>16</sub>	31 <sup>1</sup> / <sub>16</sub>	69 <sup>7</sup> / <sub>16</sub>	10 <sup>3</sup> / <sub>4</sub>	20 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	2006	T400(350)	1530

C.W.L.:Continuous Running Water Level  
 L.W.L.:Lowest Running Water Level  
 WT1:Pump Weight(Without Cable)  
 WT2:GRS Set Weight

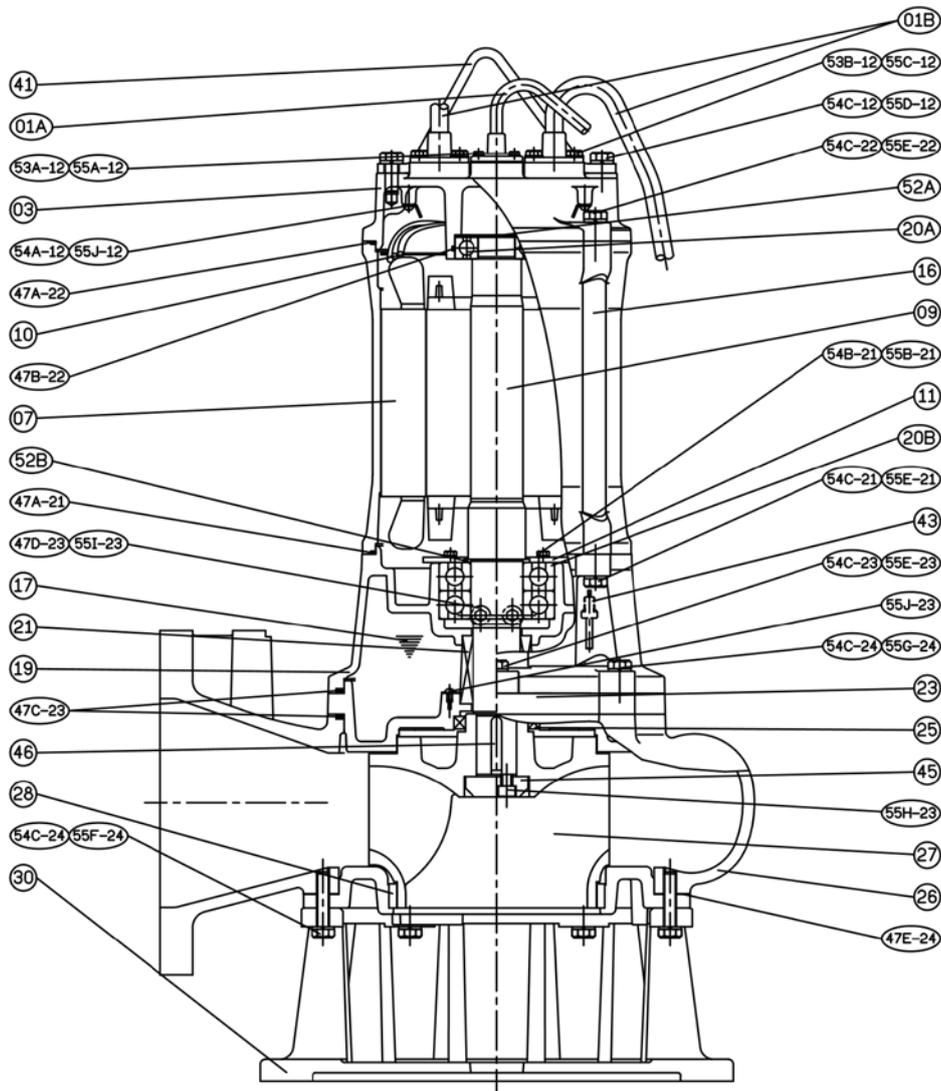






NO.	Part name	Material	QTY
01A	Cable		1
01B	Cable		2
03	Upper Cover	FC200	1
07	Stator (With MTS)		1
09	Shaft End	SUS420J2	1
10	Protective Plate		1
11	Bearing Fixer	SPCC	1
16	Motor Frame	FC200	1
17	Lubricant		
19	Bearing Bracket	FC200	1
20A	Bearing		1
20B	Bearing		2
21	M. Seal	CA/CE & SiC/SiC	1
23	M. Seal Bracket	FC200	1

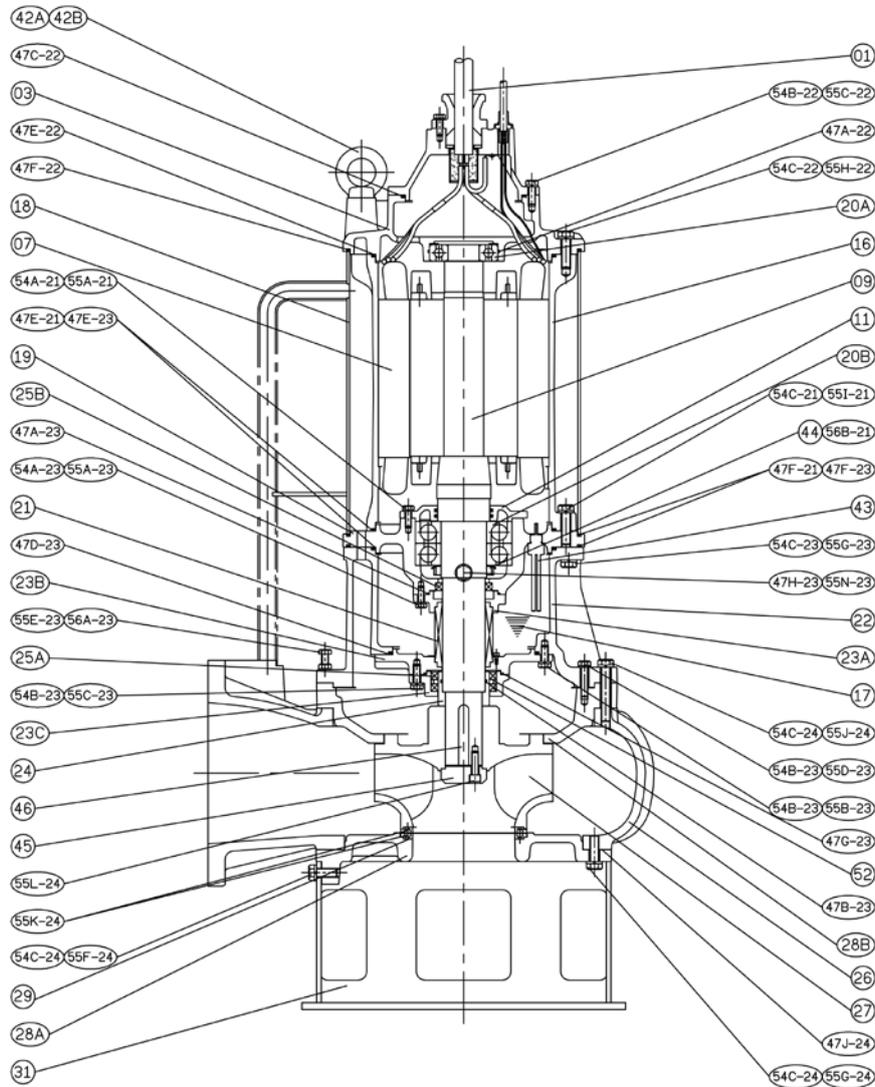
NO.	Part name	Material	QTY
25	Oil Seal	SUS304+NBR	1
26	Casing	FC200	1
27	Impeller	FC200	1
28	Casing Cover	FC200	1
29	Wear plate	SCS13	1
31	Strainer	SS400	1
41	Handle	SS400	1
43	Moisture Sensor		1
46	Impeller Key	SUS304	1
47	Gasket Kit		



NO.	Part name	Material	QTY
01A	Cable		1
01B	Cable		2
07	Stator (With MTS)		1
09	Shaft End	SUS420J2	1
10	Auto-cut Protector		1
11	Bearing Fixer	SPCC	1
16	Motor Frame	FC200	1
17	Lubricant		
19	Bearing Bracket	FC200	1
20A	Bearing		1
20B	Bearing		2
21	M. Seal	CA/CE & SiC/SiC	1
23	M. Seal Bracket	FC200	1
25	Oil Seal	NBR	1

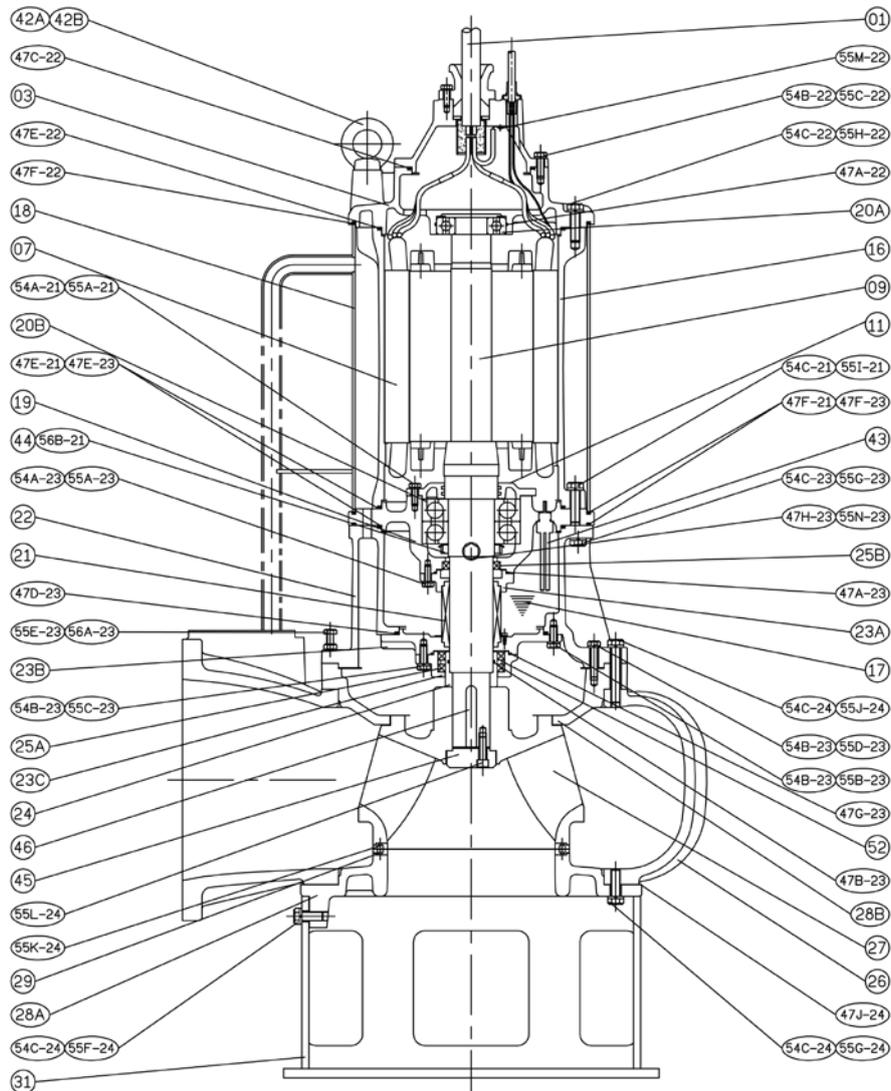
NO.	Part name	Material	QTY
26	Casing	FC200	1
27	Impeller	FC200	1
28	Casing Cover+Wear Ring	FC200+Chrome steel	1
30	Footing	FC200	1
41	Handle	SUS304	1
43	Moisture Sensor		1
46	Impeller Key	SUS304	1
47	Gasket Kit		





NO.	Part name	Material	QTY
01	Cable		1
03	Upper Cover	FC200	1
07	Stator (With MTS)		1
09	Shaft End	SUS420J2	1
11	Bearing Fixer	FC200	1
16	Motor Frame	FC200	1
17	Lubricant		
18	Outer Cover	SS400	1
19	Bearing Bracket	FC200	1
20A	Bearing		1
20B	Bearing		1
21	M. Seal	CA/CE & SiC/SiC	1
22	Lubricant chamber	FC200	1
23	M. Seal Bracket	FC200	3

NO.	Part name	Material	QTY
24	Oil Seal Bush	SUS420J2	1
25	Oil Seal	NBR	2
26	Casing	FC200	1
27	Impeller	FC200	1
28	Casing Cover	FC200	2
29	Wear plate	SUS304	2
31	Strainer	SS400	1
43A	Moisture Sensor		1
46	Impeller Key	SUS304	1
47	Gasket Kit		



NO.	Part name	Material	QTY
01	Cable		1
03	Upper Cover	FC200	1
07	Stator (With MTS)		1
09	Shaft End	SUS420J2	1
11	Bearing Fixer	FC200	1
16	Motor Frame	FC200	1
17	Lubricant		
18	Outer Cover	SS400	1
19	Bearing Bracket	FC200	1
20A	Bearing		1
20B	Bearing		1
21	M. Seal	CA/CE & SiC/SiC	1
22	Lubricant chamber	FC200	1
23	M. Seal Bracket	FC200	3

NO.	Part name	Material	QTY
24	Oil Seal Bush	SUS420J2	1
25	Oil Seal	NBR	2
26	Casing	FC200	1
27	Impeller	FC200	1
28	Casing Cover	FC200	2
29	Wear plate	SUS304	2
31	Strainer	SS400	1
43	Moisture Sensor		1
46	Impeller Key	SUS304	1
47	Gasket Kit		



Professionalism • Innovation • Service • Commitment

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