AF SERIES
SEWAGE / WASTEWATER SUBMERSIBLE PUMPS

POWER : 0.5~15HP (0.4~11kW)
MAX.HEAD : 52.5m (172feet)
MAX.FLOW : 5m³/min (300m³/h)



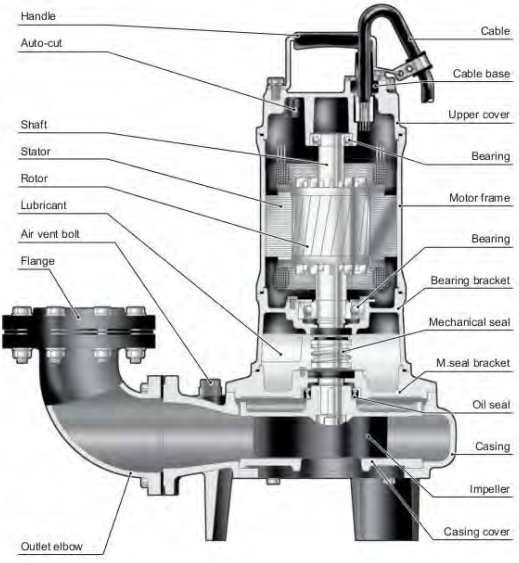
PRODUCT NOMENCLATURE

Example:	80	AF	P	4	2.2
	Discharge mm	Type	Impeller type	Pole	kW

- Pumping sewage from single and multifamily dwellings.
- Pumping sewage from hotels, restaurants, schools and public buildings.

FEATURE

- International standard design : cable, auto-cut, dry-motor, silicon carbide mechanical seal, high grade cast iron offering highest quality and performance.
- P/U/E multiple impeller designs to handle sewage solids and/or fibrous substances.
- Superior abrasion resistant mechanical seal manufactured with silicon carbide to ensure the best seal effect.
- Oil lip seal mounted outside of seal chamber stops solids gathering around seal faces.
- Full range offering low to high head and flow capabilities, with compact and easy installation. Also, available with Guide Rail System, which allows automatic remote connection and disconnection without entering the pit.



APPLICATIONS

- Drainage of waste water from the attenuation tank, purifying tank and sewage tank in water treatment plant.
- Drainage of waste water containing fibrous additives from leather factory, dyeing factory and food processing factory.
- Sewage management, accumulated water, septic tank, stock farm.

AF SERIES SEWAGE / WASTEWATER SUBMERSIBLE 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 (5HP:Class F)
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Vortex
Material	Upper Cover	FC200
	Motor Frame	FC200
	Shaft End	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		–



50AFU2.4 · 50AFU2.8
50AFU21.5


U Type Vortex Impeller



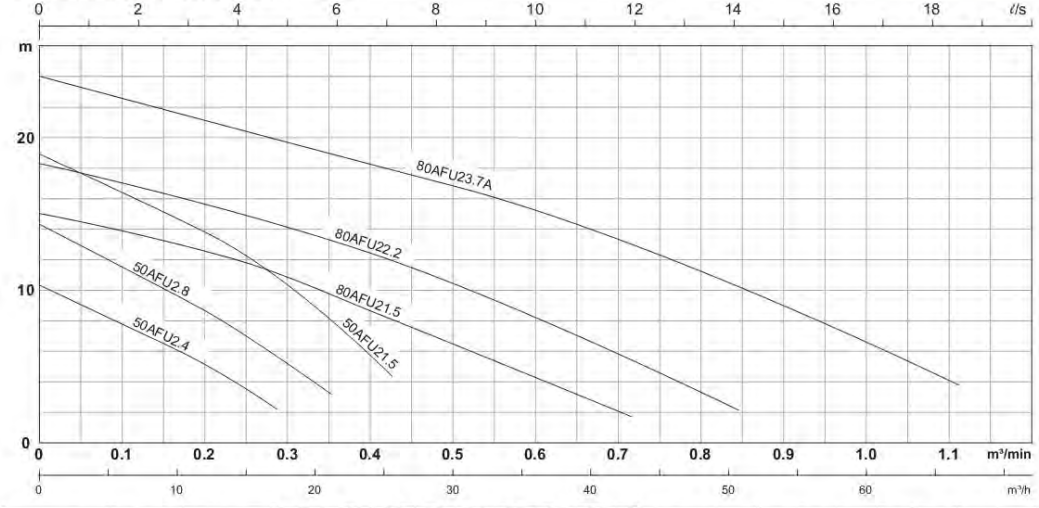
80AFU21.5 · 80AFU22.2



80AFU23.7A

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(lb)	3Ø-kg(lb)	Voltage	220V	230V	230V	380V	400V	415V	525V
50AFU2.4	0.5(0.4)	2"(50)	6-0.15	6-9	10-0.32	10-19.2	35(1 3/8")	19(42)	18(40)	Full load Ampere	3.4	3.3	2.3	1.4	1.3	1.3	1.1
50AFU2.8	1(0.75)	2"(50)	8-0.2	8-12	12.5-0.4	12.5-24	35(1 3/8")	20(44)	19(42)		5.2	5.0	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	6.1	3.6	3.5	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	6.1	3.6	3.5	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	8.6	5.1	5.0	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)		–	–	14.0	8.4	8.2	7.7	6.2

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	Q:ℓ/s	2	4	6	8	10	12	14	16
			Q:m³/h	6	12	18	24	30	36	48	60									
50AFU2.4	0.5(0.4)	2"(50)	H:m	7.8	5.1	–	–	–	–	–	–	H:m	7.3	3.9	–	–	–	–	–	–
50AFU2.8	1(0.75)	2"(50)		11.5	8.7	5.2	–	–	–	–	–		11	7.4	–	–	–	–	–	–
50AFU21.5	2(1.5)	2"(50)		16.4	13.8	10.3	5.7	–	–	–	–		15.9	12.7	7.8	–	–	–	–	–
80AFU21.5	2(1.5)	3"(80)		13.9	12.6	10.8	8.7	6.5	4.3	–	–		13.7	12	9.6	6.9	4.3	–	–	–
80AFU22.2	3(2.2)	3"(80)		17.0	15.6	14.1	12.4	10.5	8.2	3.3	–		16.8	15.1	13.1	10.8	8.2	5.4	2.3	–
80AFU23.7A	5(3.7)	3"(80)		22.6	21.2	19.8	18.3	16.8	15.3	11.2	6.6		22.3	20.6	18.8	17.1	15.3	12.9	10.4	7.6

AF SERIES SEWAGE / WASTEWATER SUBMERSIBLE 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 F
	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 End	SUS403(7.5~10HP) · SUS420J2(15HP)
	M.seal	CA/CE & SiC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SOW
Optional		–



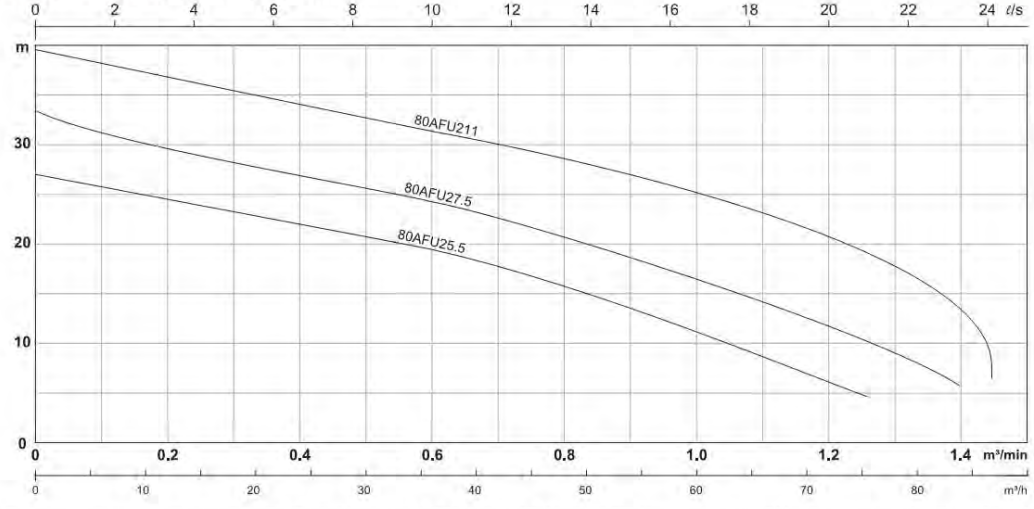
U Type Vortex Impeller



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(lb)	3Ø-kg(lb)	Voltage	220V	230V	230V	380V	400V	415V	525V
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	–	–	20.2	11.7	11.3	11.2	8.8
80AFU27.5	10(7.5)	3"(80)	24-0.6	24-36	34-1.45	34-87	50(2")	–	74(163)		–	–	26.0	15.3	14.5	14.4	11.4
80AFU211	15(11)	3"(80)	31.5-0.6	31.5-60	40-1.5	40-90	50(2")	–	85(187)		–	–	39.0	22.2	21.6	21.6	17.1

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min	0.2	0.4	0.6	0.8	1.0	1.2	1.4	Q:ℓ/s	2	4	6	8	10	14	18	22
			Q:m³/h	12	24	36	48	60	72	84									
80AFU25.5	7.5(5.5)	3"(80)		24.5	21.9	19.5	15.6	11.0	5.8	–		25.6	24.0	22.4	20.9	19.5	14.7	9.0	–
80AFU27.5	10(7.5)	3"(80)	H:m	29.5	26.8	24.2	20.6	16.5	11.9	–	H:m	30.7	29.0	27.4	25.8	24.2	19.9	14.7	8.6
80AFU211	15(11)	3"(80)		36.8	34.0	31.4	28.6	25.2	20.4	13.4		37.9	36.2	34.6	33.0	31.4	28.0	23.6	17.1

AF SERIES SEWAGE / WASTEWATER SUBMERSIBLE PUMPS
50AFU2.4L · 50AFU2.8L · 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 (5HP:Class F)
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Vortex
Material	Upper Cover	FC200
	Motor Frame	FC200
	Shaft End	SUS410(0.5~1HP) · SUS403(3~5HP)
	M.seal	CA/CE & SiC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SJOW/SOW
Optional		–



50AFU2.4L · 50AFU2.8L


U Type Vortex Impeller



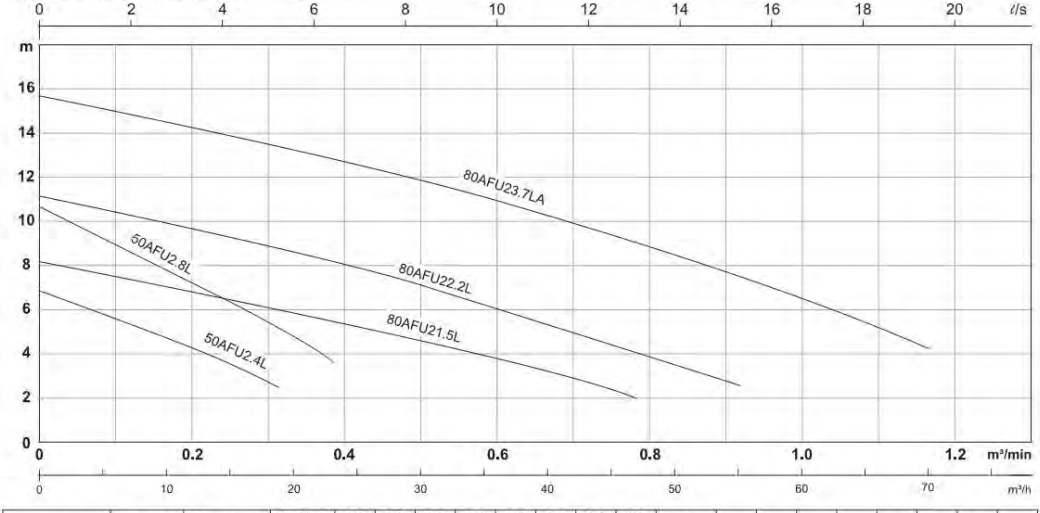
80AFU21.5L · 80AFU22.2L



80AFU23.7LA

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(lb)	3Ø-kg(lb)	Voltage	220V	230V	230V	380V	400V	415V	525V
50AFU2.4L	0.5(0.4)	2"(50)	4-0.22	4-13.2	7-0.38	7-22.8	50(2")	20(44)	19(42)	Full load Ampere	3.4	3.3	2.3	1.4	1.3	1.3	1.1
50AFU2.8L	1(0.75)	2"(50)	6.5-0.25	6.5-15	10-0.42	10-25.2	50(2")	22(49)	21(46)		5.2	5.0	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	6.1	3.6	3.5	3.4	2.7
80AFU22.2L	3(2.2)	3"(80)	7-0.5	7-30.0	11-0.95	11-57	76(3")	40(88)	36(79)		15.0	14.6	8.6	5.1	5.0	4.8	3.8
80AFU23.7LA	5(3.7)	3"(80)	11-0.6	11-36	16-1.2	16-72	76(3")	–	48(106)		–	–	14.0	8.4	8.2	7.7	6.2

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.0	Q:ℓ/s	2	4	6	8	10	12	14	16
			Q:m³/h	6	12	18	24	30	36	48	60									
50AFU2.4L	0.5(0.4)	2"(50)	H:m	5.6	4.3	2.7	–	–	–	–	–	H:m	5.3	3.7	–	–	–	–	–	–
50AFU2.8L	1(0.75)	2"(50)		9.0	7.2	5.5	–	–	–	–	–		8.6	6.5	4.3	–	–	–	–	–
80AFU21.5L	2(1.5)	3"(80)		7.5	6.8	6.1	5.4	4.6	3.8	–	–		7.3	6.5	5.7	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	11.8	10.9	8.8	6.5		14.8	13.9	13.0	12.0	10.9	9.7	8.3	7.0

AF SERIES SEWAGE / WASTEWATER SUBMERSIBLE 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 F
	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 End	SUS403(7.5~10HP) · SUS420J2(15HP)
	M.seal	CA/CE & SiC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SOW
Optional		–



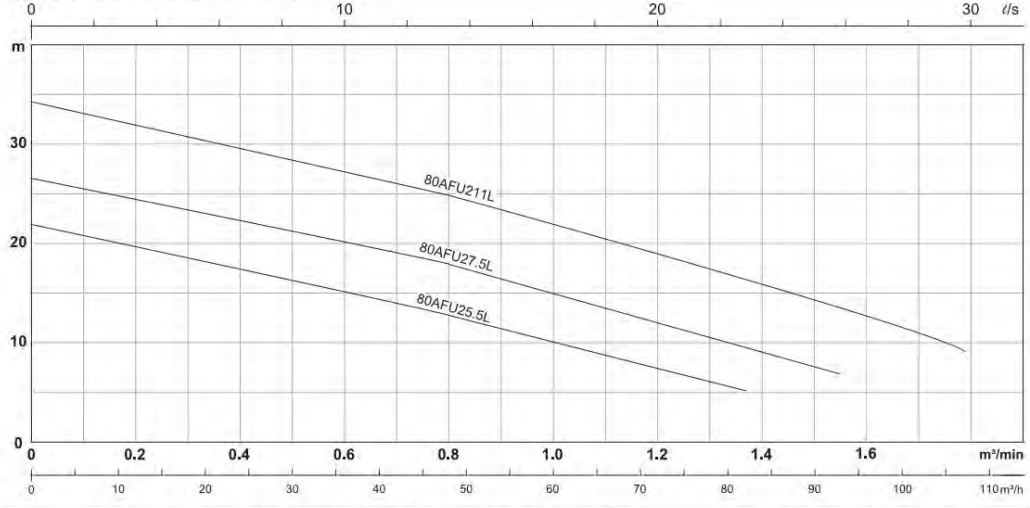
U Type Vortex Impeller



80AFU25.5L · 80AFU27.5L · 80AFU211L

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase	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)	Voltage	220V	230V	230V	380V	400V	415V	525V
80AFU25.5L	7.5(5.5)	3"(80)	13-0.8	13-48	22-1.4	22-84	76(3")	–	70(154)		–	–	20.2	11.7	11.3	11.2	8.8
80AFU27.5L	10(7.5)	3"(80)	17.5-0.8	17.5-48	27-1.6	27-96	76(3")	–	76(168)	Full load Ampere	–	–	26.0	15.3	14.5	14.4	11.4
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	17.1

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min	0.2	0.4	0.6	0.8	1	1.2	1.4	1.6	Q:ℓ/s	2	4	8	12	16	20	24	28
			Q:m³/h	12	24	36	48	60	72	84	96									
80AFU25.5L	7.5(5.5)	3"(80)		19.7	17.4	15.2	12.8	10.1	7.4	–	–		20.6	19.2	16.5	13.8	10.6	7.4	–	–
80AFU27.5L	10(7.5)	3"(80)	H:m	24.4	22.3	20.2	18.0	15.0	12.0	9.0	–	H:m	25.3	24.0	21.4	18.9	15.6	12.0	8.5	–
80AFU211L	15(11)	3"(80)		31.9	29.6	27.2	24.8	22.0	19.0	15.9	12.7		32.8	31.4	28.6	25.8	22.5	19.0	15.3	11.4

AF SERIES SEWAGE / WASTEWATER SUBMERSIBLE 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 (5HP:Class F)
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Vortex
Material	Upper Cover	FC200
	Motor Frame	FC200
	Shaft End	SUS403
	M.seal	CA/CE & SiC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SJOW/SOW
Optional		–



50AFU4.4 · 50AFU4.8



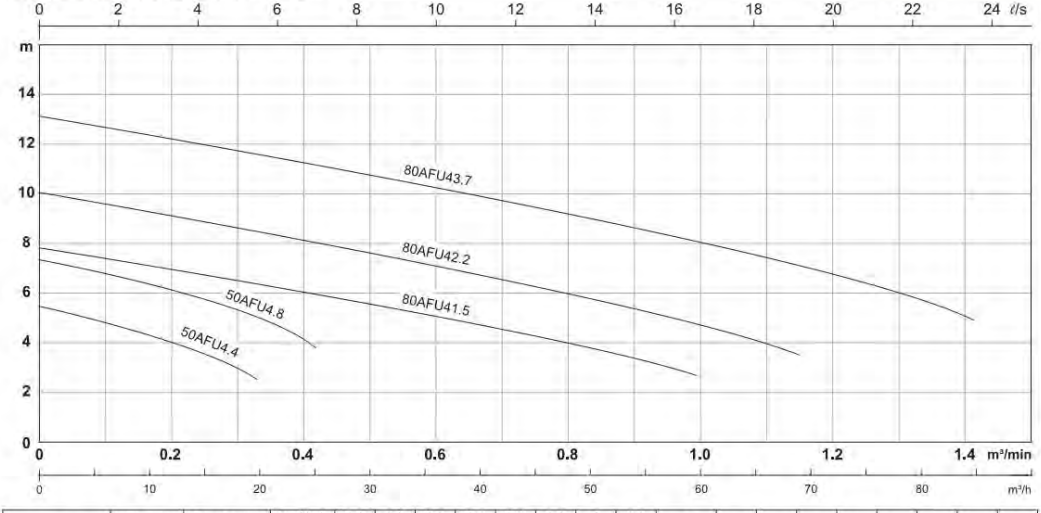
80AFU41.5 · 80AFU42.2 · 80AFU43.7



U Type Vortex Impeller

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase	1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
			m-m³/min	m-m³/h	m-m³/min	m-m³/h		1Ø-kg(lb)	3Ø-kg(lb)	Voltage	220V	230V	230V	380V	400V	415V	525V
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)	Full load Ampere	3.2	3.1	2.2	1.3	1.3	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)		5.4	5.2	3.5	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")	47(104)	47(104)		10.4	10.2	6.6	3.9	3.8	3.6	2.9
80AFU42.2	3(2.2)	3"(80)	7-0.6	7-36	10-1.2	10-72	76(3")	–	57(126)		–	–	9.2	5.5	5.4	5.1	4.1
80AFU43.7	5(3.7)	3"(80)	10-0.6	10-36	13-1.5	13-90	76(3")	–	65(143)		–	–	15.2	8.8	8.8	8.4	6.7

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min	0.1	0.2	0.3	0.4	0.6	0.8	1	1.2	Q:ℓ/s	2	4	6	8	10	12	16	20
			Q:m³/h	6	12	18	24	36	48	60	72									
50AFU4.4	0.5(0.4)	2"(50)	H:m	4.8	4.0	3.0	–	–	–	–	–	H:m	4.7	3.7	–	–	–	–	–	–
50AFU4.8	1(0.75)	2"(50)		6.8	6.1	5.3	4.1	–	–	–	–		6.7	5.8	4.7	–	–	–	–	–
80AFU41.5	2(1.5)	3"(80)		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)		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)		12.7	12.2	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	6.8

AF SERIES SEWAGE / WASTEWATER SUBMERSIBLE 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 F
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Vortex
Material	Upper Cover	FC200
	Motor Frame	FC200
	Shaft End	SUS420J2
	M.seal	CA/CE & SiC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SOW
Optional		–



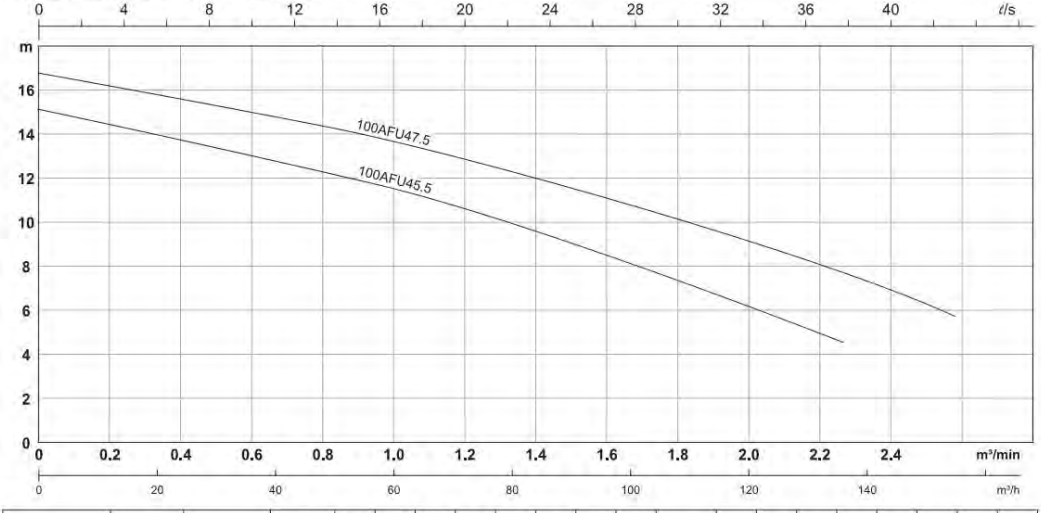
U Type Semi-open Impeller



100AFU45.5 · 100AFU47.5

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(lb)	3Ø-kg(lb)	Voltage	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	12.3	12.3	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)		–	–	28.8	16.3	16.0	16.0	12.6

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min	0.4	0.6	0.8	1.0	1.2	1.6	2	2.4	Q:ℓ/s	5	10	15	20	25	30	35	40
			Q:m³/h	24	36	48	60	72	96	120	144									
100AFU45.5	7.5(5.5)	4"(100)	H:m	13.7	13.0	12.3	11.5	10.6	8.5	6.2	–	H:m	14.1	13.0	11.9	10.6	9.1	7.4	5.6	–
100AFU47.5	10(7.5)	4"(100)		15.6	15.0	14.4	13.7	12.9	11.1	9.2	6.9		15.9	15.0	14.0	12.9	11.6	10.2	8.6	6.9

AF SERIES SEWAGE / WASTEWATER SUBMERSIBLE 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 B (5HP:Class F)
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Semi-open
Material	Upper Cover	FC200
	Motor Frame	FC200
	Shaft End	SUS403
	M.seal	CA/CE & SiC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SJOW/SOW
Optional		–



80AFP21.5 · 80AFP22.2



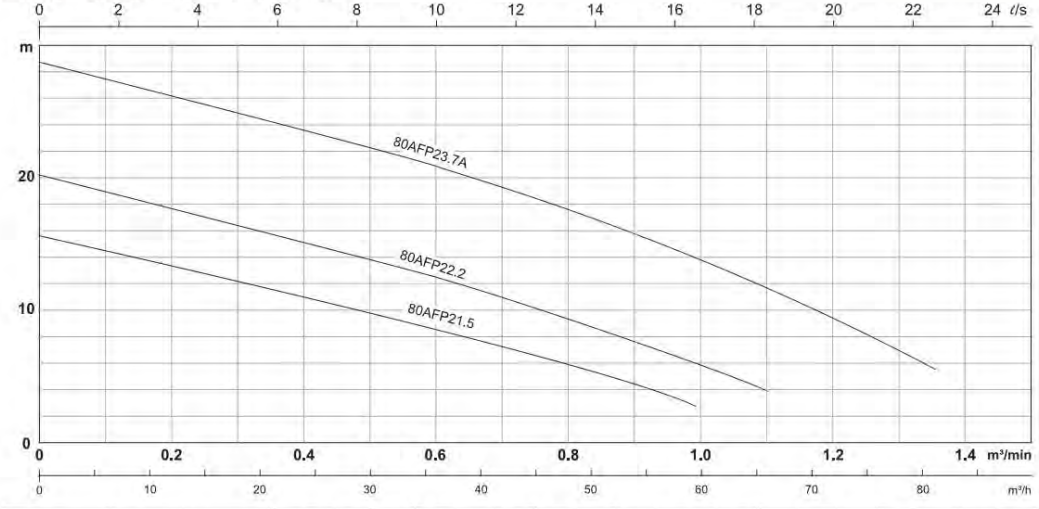
80AFP23.7A



P Type Semi-open Impeller

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase	1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
			m-m³/min	m-m³/h	m-m³/min	m-m³/h		1Ø-kg(lb)	3Ø-kg(lb)	Voltage	220V	230V	230V	380V	400V	415V	525V
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	6.1	3.6	3.5	3.4	2.7
80AFP22.2	3(2.2)	3"(80)	12.5-0.6	12.5-36	19-1.15	19-69	35(1 3/8")	40(88)	35(77)		15.0	14.6	8.6	5.1	5.0	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)		–	–	14.0	8.4	8.2	7.7	6.2

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min	0.1	0.2	0.3	0.4	0.6	0.8	1.0	1.2	Q:ℓ/s	2	4	6	8	10	12	16	20
			Q:m³/h	6	12	18	24	36	48	60	72									
80AFP21.5	2(1.5)	3"(80)	H:m	14.5	13.4	12.2	11.0	8.6	5.9	–	–	H:m	14.3	12.9	11.5	10.0	8.6	7.0	3.4	–
80AFP22.2	3(2.2)	3"(80)		19.0	17.6	16.4	15.1	12.5	9.4	5.9	–		18.7	17.2	15.6	14.1	12.5	10.6	6.6	–
80AFP23.7A	5(3.7)	3"(80)		27.4	26.2	24.9	23.6	20.9	17.6	13.8	9.4		27.2	25.7	24.1	22.5	20.9	19.0	14.6	9.4

AF SERIES SEWAGE / WASTEWATER SUBMERSIBLE 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 F
	Protection	IP68
	Protector	Auto-cut(7.5~10HP) · MTS & MS(15HP)
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Semi-open
Material	Upper Cover	FC200
	Motor Frame	FC200
	Shaft End	SUS403(7.5~10HP) · SUS420J2(15HP)
	M.seal	CA/CE & SiC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SOW
Optional		–



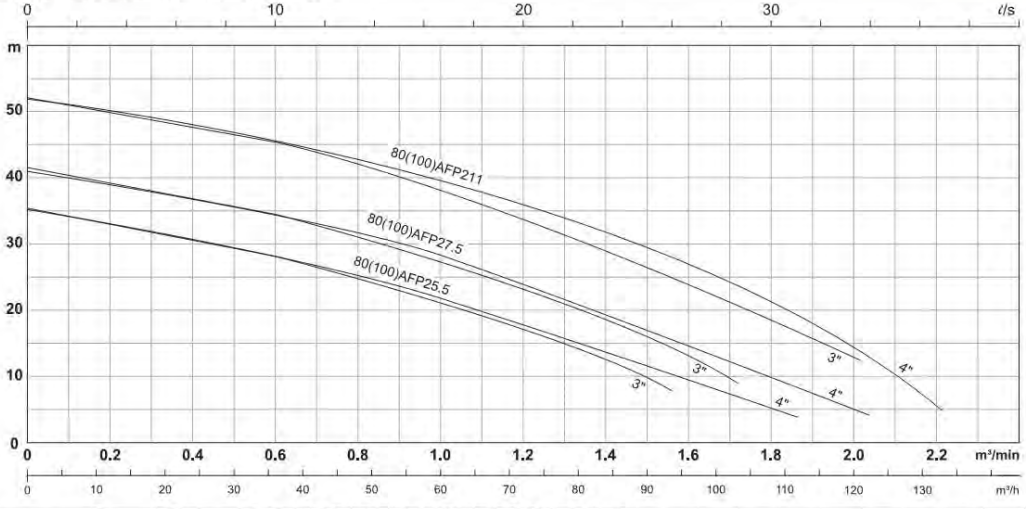
P Type Semi-open Impeller



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	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)	Voltage	220V	230V	230V	380V	400V	415V	525V
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	–	–	20.2	11.7	11.3	11.2	8.8
		4"(100)	21.5-1.0	21.5-60	35-1.9	35-114	30($1^1/_8$")	–	75(165)		–	–	20.2	11.7	11.3	11.2	8.8
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)		–	–	26.0	15.3	14.5	14.4	11.4
		4"(100)	28-1.0	28-60	41.5-2.05	41.5-123	30($1^1/_8$")	–	81(179)		–	–	26.0	15.3	14.5	14.4	11.4
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	17.1
		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	17.1

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min	0.2	0.4	0.6	0.8	1	1.2	1.6	2	Q:ℓ/s	4	8	12	16	20	24	28	32
			Q:m³/h	12	24	36	48	60	72	96	120									
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	–		38.8	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)		49.9	47.7	45.4	42.1	38.2	33.7	23.9	12.8		49.4	46.8	43.6	39.0	33.7	28.0	21.8	15.2
		4"(100)		50.1	48.1	45.6	42.8	39.6	36.0	27.0	14.4		49.8	47.2	44.0	40.2	36.0	30.9	24.8	17.4

AF SERIES SEWAGE / WASTEWATER SUBMERSIBLE 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 B (5HP:Class F)
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Semi-open
Material	Upper Cover	FC200
	Motor Frame	FC200
	Shaft End	SUS403
	M.seal	CA/CE & SiC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SJOW/SOW
Optional		–



80AFP41.5



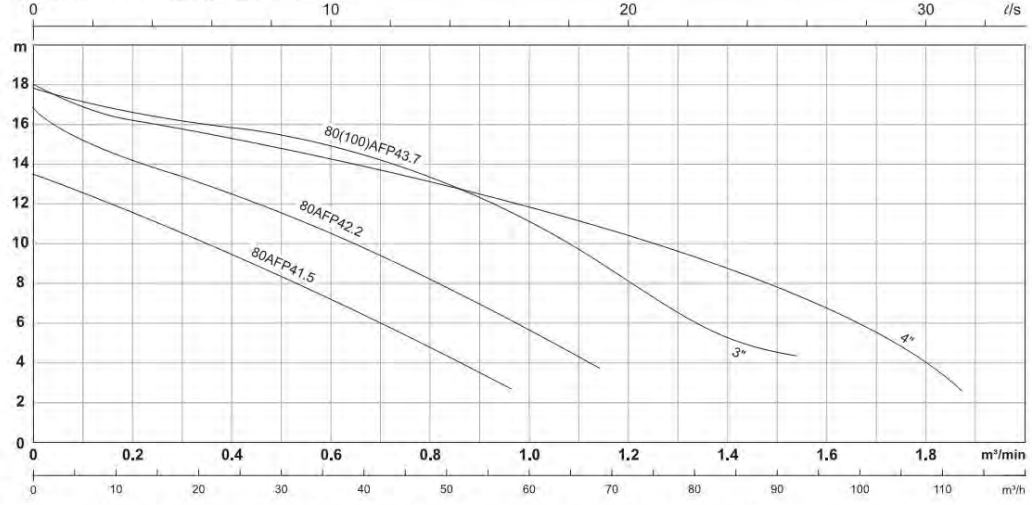
P Type Semi-open Impeller



80AFP42.2 · 80(100)AFP43.7

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(lb)	3Ø-kg(lb)	Voltage	220V	230V	230V	380V	400V	415V	525V
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	10.4	10.2	6.6	3.9	3.8	3.6	2.9
80AFP42.2	3(2.2)	3"(80)	10-0.6	10-36	16.5-1.2	16.5-72	50(2")	–	58(128)		–	–	9.2	5.5	5.4	5.1	4.1
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")	–	67(148)		–	–	15.2	8.8	8.8	8.4	6.7
		4"(100)	11.5-1.0	11.5-60	17.5-2.0	17.5-120	50(2")	–	67(148)		–	–	15.5	8.8	8.8	8.4	6.7

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min	0.2	0.4	0.6	0.8	1	1.2	1.4	1.6	Qℓ/s	2	4	8	12	16	20	24	28
			Q:m³/h	12	24	36	48	60	72	84	96									
80AFP41.5	2(1.5)	3"(80)	H:m	11.6	9.5	7.4	4.8	–	–	–	–	H:m	12.4	11.1	8.6	5.8	2.7	–	–	–
80AFP42.2	3(2.2)	3"(80)		14.2	12.5	10.5	8.2	5.7	–	–	–		14.9	13.8	11.8	9.3	6.2	–	–	–
80(100) AFP43.7	5(3.7)	3"(80)		16.6	15.8	14.9	13.3	11.1	8.1	5.3	–		17.0	16.4	15.5	14.0	11.6	8.1	4.9	–
		4"(100)		16.2	15.3	14.3	13.1	11.8	10.4	8.8	6.8		16.7	16.0	14.9	13.6	12.1	10.4	8.4	5.8

AF SERIES SEWAGE / WASTEWATER SUBMERSIBLE PUMPS
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 B (5HP:Class F)
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Enclosed-channel
Material	Upper Cover	FC200
	Motor Frame	FC200
	Shaft End	SUS403
	M.seal	CA/CE & SiC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SOW
Optional		–



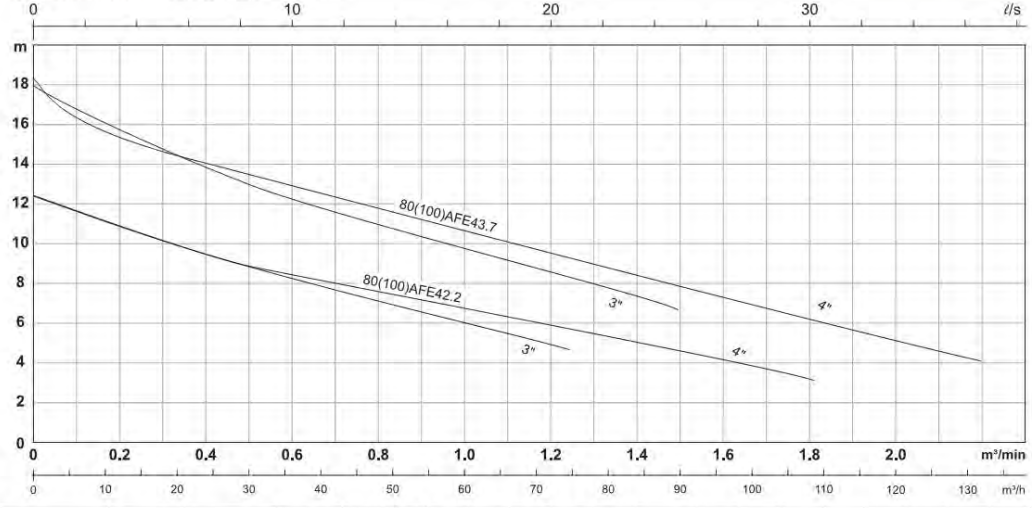
E Type Enclosed-channel Impeller



80(100)AFE42.2 · 80(100)AFE43.7

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(lb)	3Ø-kg(lb)	Voltage	220V	230V	230V	380V	400V	415V	525V
80(100) AFE42.2	3(2.2)	3"(80)	7-0.8	7-48	12.5-1.35	12.5-81	76(3")	–	60(132)	Full load Ampere	–	–	9.2	5.5	5.4	5.1	4.1
		4"(100)	6.5-1.0	6.5-60	12.5-1.9	12.5-114	76(3")	–	60(132)		–	–	9.2	5.5	5.4	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")	–	71(157)		–	–	15.2	8.8	8.8	8.4	6.7
		4"(100)	10.5-1.0	10.5-60	18.5-2.3	18.5-138	76(3")	–	71(157)		–	–	15.2	8.8	8.8	8.4	6.7

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min	0.2	0.4	0.6	0.8	1	1.4	1.8	Q:ℓ/s	4	8	12	16	20	24	28	32
			Q:m³/h	12	24	36	48	60	84	108									
80(100)AFE42.2	3(2.2)	3"(80)	H:m	10.9	9.5	8.2	7.1	6.0	–	–	H:m	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)		15.7	13.9	12.2	11.0	9.8	7.4	–		15.4	13.2	11.5	10.0	8.6	7.1	–	–
		4"(100)		15.4	14.1	12.9	11.8	10.6	8.4	6.2		15.1	13.6	12.2	10.9	9.5	8.2	6.9	5.5

AF SERIES SEWAGE / WASTEWATER SUBMERSIBLE 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 F
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Enclosed-channel
Material	Upper Cover	FC200
	Motor Frame	FC200
	Shaft End	SUS420J2
	M.seal	CA/CE & SiC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SOW
Optional		–



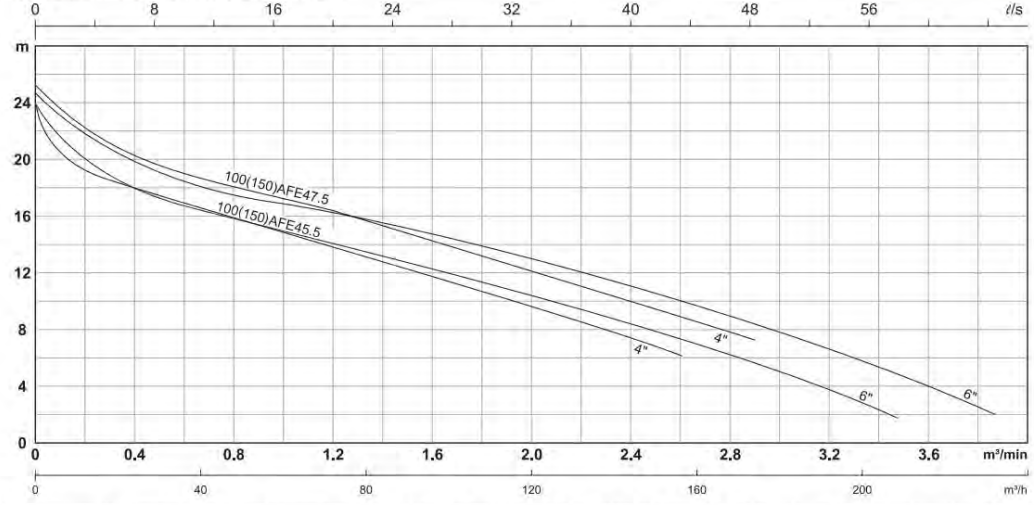
E Type Enclosed-channel Impeller



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	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)	Voltage	220V	230V	230V	380V	400V	415V	525V
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	12.3	12.3	9.8
		6"(150)	12-1.5	12-90	23.5-3.5	23.5-210	76(3")	–	110(243)		–	–	22.2	12.6	12.3	12.3	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)		–	–	28.8	16.3	16.0	16.0	12.6
		6"(150)	15-1.5	15-90	25.5-3.9	25.5-234	76(3")	–	120(265)		–	–	28.8	16.3	16.0	16.0	12.6

PERFORMANCE CURVES



Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min	0.4	0.8	1.2	1.6	2	2.4	2.8	3.2	Q:ℓ/s	8	16	24	32	40	48	56	60
			Q:m³/h	24	48	360	72	120	144	168	192									
100(150) AFE45.5	7.5(5.5)	4"(100)	H:m	18.0	15.8	13.8	11.7	9.6	7.4	–	–	H:m	17.3	15.0	12.4	10.0	7.4	–	–	–
	7.5(5.5)	6"(150)		18.0	15.8	14.0	12.3	10.4	8.4	6.2	3.8		17.5	15.0	13.0	10.7	8.4	5.8	2.6	–
100(150) AFE47.5	10(7.5)	4"(100)		20.3	18.1	16.4	14.2	12.2	10.0	7.7	–		19.7	17.4	15.1	12.6	10.0	7.4	–	–
	10(7.5)	6"(150)		19.8	17.5	16.2	14.8	13.0	11.1	9.0	6.6		19.2	17.0	15.4	13.4	11.1	8.5	5.6	2.2

AF SERIES SEWAGE / WASTEWATER SUBMERSIBLE PUMPS
AF-55AU · AF-55AE · AF-75E · AF-610

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 F
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Enclosed-channel (AF-55AU:U Type Semi-open)
Material	Upper Cover	FC200
	Motor Frame	FC200
	Shaft End	SUS420J2
	M.seal	CA/CE & SiC/SiC
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SOW
Optional		–



AF-55AU · AF-55AE



AF-75E



AF-610



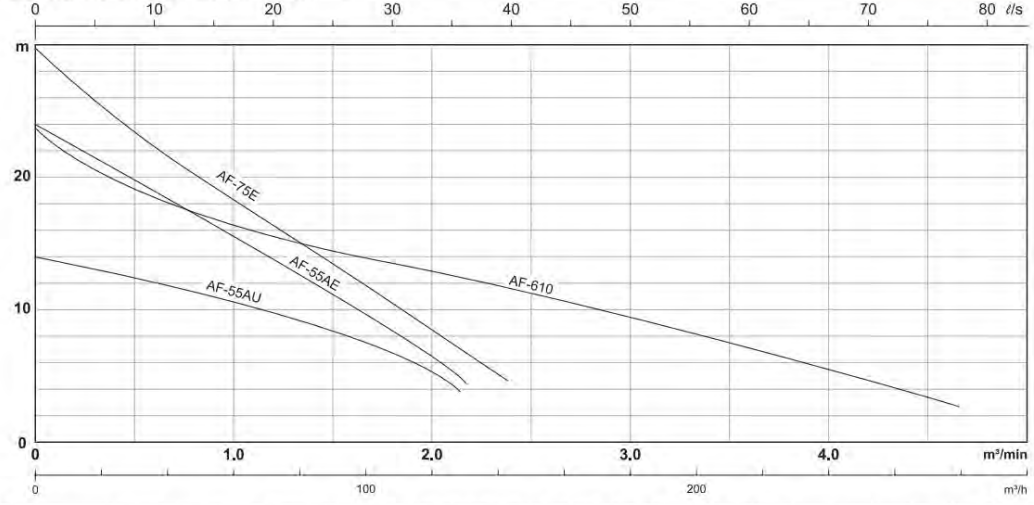
U Type Semi-open Impeller



E Type Enclosed-channel Impeller

Model	Power HP(kW)	Discharge inch(mm)	Standard		MAX		Solid Passage mm(inch)	Weight(W/O Cable)		Phase	1Ø	1Ø	3Ø	3Ø	3Ø	3Ø	3Ø
			m-m³/min	m-m³/h	m-m³/min	m-m³/h		1Ø-kg(lb)	3Ø-kg(lb)	Voltage	220V	230V	230V	380V	400V	415V	525V
AF-55AU	7.5(5.5)	4"(100)	10.5-1.0	10.5-60	14-2.3	14-138	25(1")	–	115(254)	Full load Ampere	–	–	21.8	12.7	12.6	12.0	9.6
AF-55AE	7.5(5.5)	4"(100)	16-1.0	16-60	24-2.2	24-132	40($1^{1}/_{2}$")	–	124(273)		–	–	21.8	12.7	12.6	12.0	9.6
AF-75E	10(7.5)	4"(100)	18-1.0	18-60	30-2.4	30-144	40($1^{1}/_{2}$")	–	138(304)		–	–	27.6	16.2	16.0	15.2	12.2
AF-610	10(7.5)	6"(150)	11-2.5	11-150	21-5.0	21-300	70($2^{3}/_{4}$")	–	183(403)		–	–	27.6	16.2	16.0	15.2	12.2

PERFORMANCE CURVES



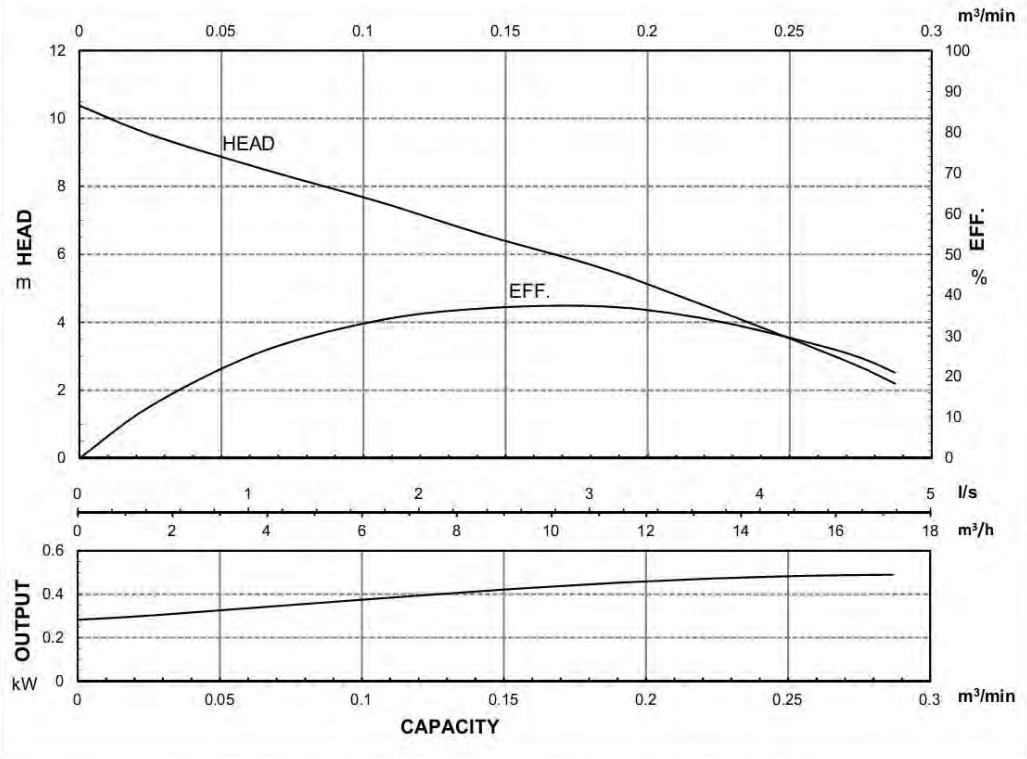
Model	Power HP(kW)	Discharge inch(mm)	Q:m³/min	0.5	1	1.5	2	2.5	3	3.5	4.5	Q:ℓ/s	5	10	15	20	25	30	50	70
			Q:m³/h	30	60	90	120	150	180	210	270									
AF-55AU	7.5(5.5)	4"(100)	H:m	12.4	10.6	8.4	5.4	–	–	–	–	H:m	13.0	12.0	11.0	9.8	8.4	16.8	–	–
AF-55AE	7.5(5.5)	4"(100)		19.8	15.6	11.2	6.5	–	–	–	–		21.5	19.0	16.4	13.8	11.2	8.4	–	–
AF-75E	10(7.5)	4"(100)		23.5	18.3	13.5	8.5	–	–	–	–		25.8	22.3	19.3	16.4	13.5	10.5	–	–
AF-610	10(7.5)	6"(150)		19.2	16.4	14.4	12.9	11.2	9.4	7.4	3.2		20.6	18.5	16.8	15.6	14.4	13.5	9.4	4.5

HCP PUMP

FILE NO PC-M-E5-50AFU2.41

PUMP PERFORMANCE CURVES

MODEL	50AFU2.4							DATE:	
	STANDARD SPECIFICATION							REFERENCE SPECIFICATION	
FREQUENCY	50						Hz		
DISCHARGE	2	inch	/	50			mm		
OUTPUT	0.5	HP	/	0.4			kW	HP	kW
HEAD	6						m		
CAPACITY	0.15						m^3/min		
PHASE/VOLTAGE	1 Ø	220 V	230 V	240 V				Ø	V
RATED CURRENT		3.4 A	3.3 A	3.2 A					A
POLE / rpm	2	P	/	2780			rpm		
START METHOD	CAPACITOR START								
INSULATION CLASS	B								
REMARK									



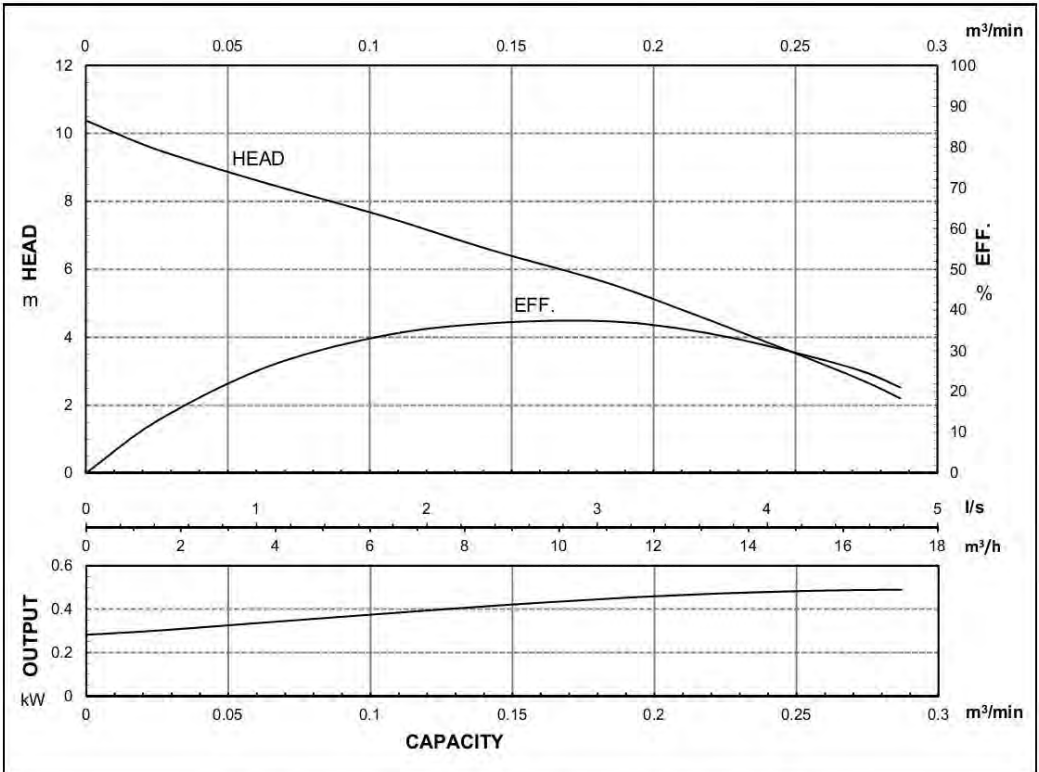
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-50AFU2.43

PUMP PERFORMANCE CURVES

MODEL	50AFU2.4						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	2 inch / 50 mm							
OUTPUT	0.5 HP / 0.4 kW						HP	kW
HEAD	6 m							
CAPACITY	0.15 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		2.3 A	1.4 A	1.3 A	1.3 A	1.1 A		A
POLE / rpm	2 P / 2780 rpm							
START METHOD	DIRECT							
INSULATION CLASS	B							
REMARK								



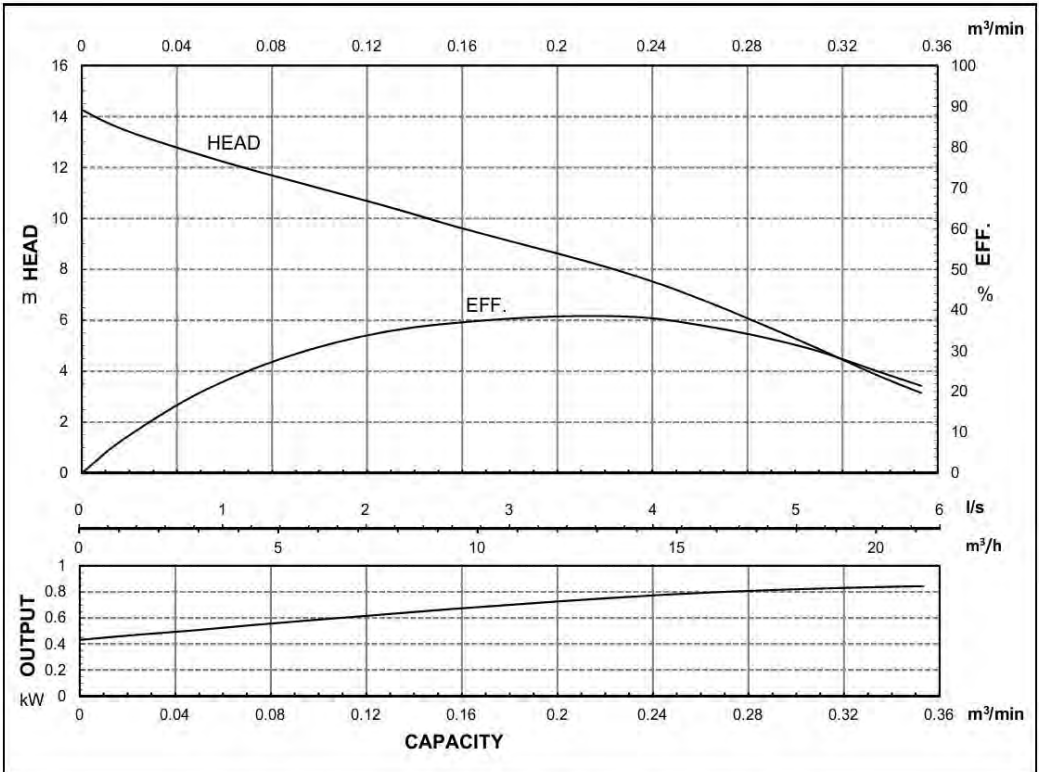
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-50AFU2.81

PUMP PERFORMANCE CURVES

MODEL	50AFU2.8							DATE:	
	STANDARD SPECIFICATION							REFERENCE SPECIFICATION	
FREQUENCY	50 Hz								
DISCHARGE	2 inch / 50 mm								
OUTPUT	1 HP / 0.75 kW							HP	kW
HEAD	8 m								
CAPACITY	0.2 m^3/min								
PHASE/VOLTAGE	1 Ø	220 V	230 V	240 V				Ø	V
RATED CURRENT		5.2 A	5.0 A	4.8 A					A
POLE / rpm	2 P / 2800 rpm								
START METHOD	CAPACITOR START								
INSULATION CLASS	B								
REMARK									



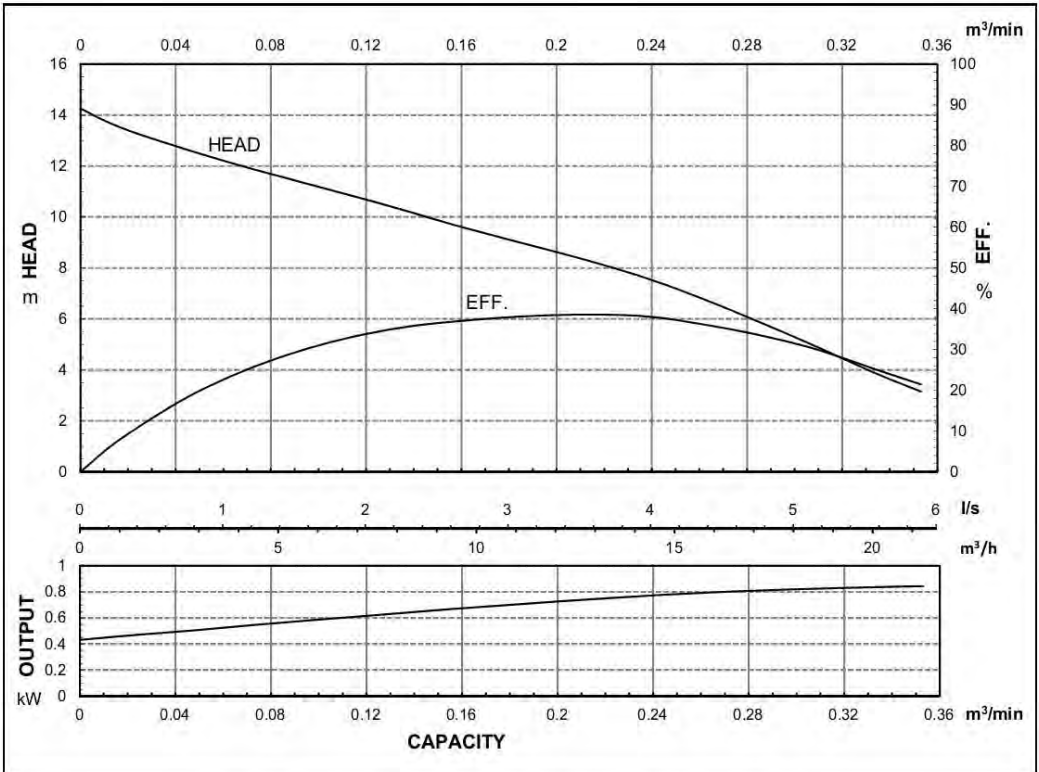
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-50AFU2.83

PUMP PERFORMANCE CURVES

MODEL	50AFU2.8						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	2 inch / 50 mm							
OUTPUT	1 HP / 0.75 kW						HP	kW
HEAD	8 m							
CAPACITY	0.2 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		3.5 A	2.0 A	2.0 A	1.9 A	1.5 A		A
POLE / rpm	2 P / 2800 rpm							
START METHOD	DIRECT							
INSULATION CLASS	B							
REMARK								



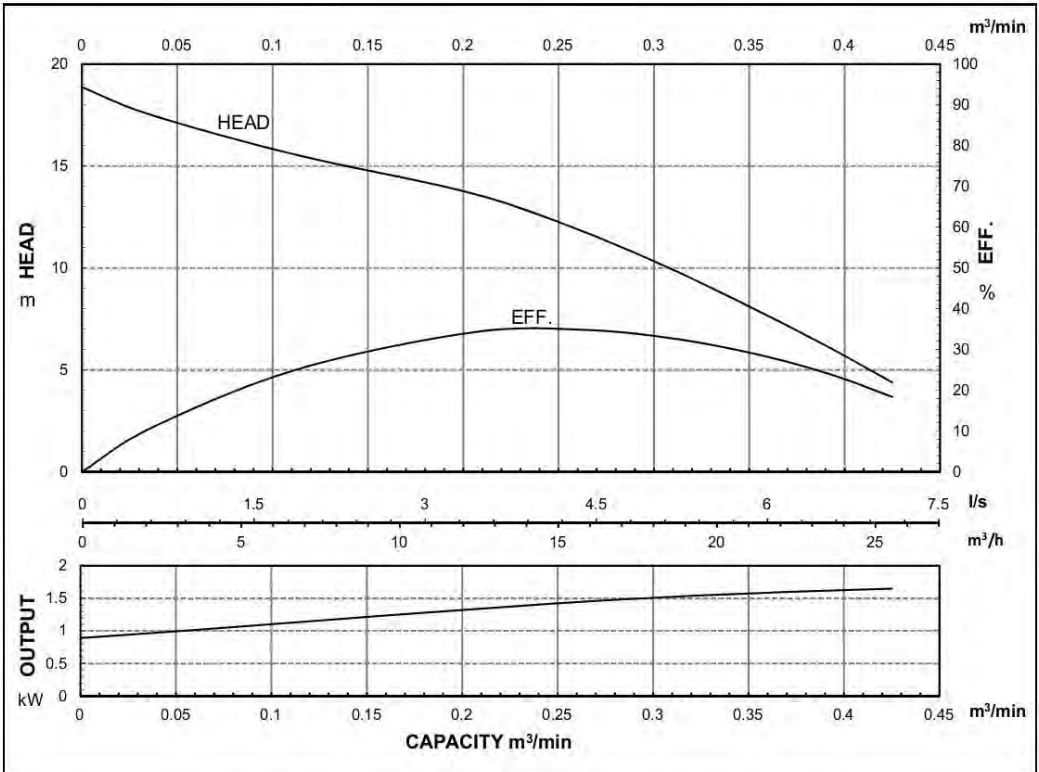
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-50AFU21.51

PUMP PERFORMANCE CURVES

MODEL	50AFU21.5							DATE:	
	STANDARD SPECIFICATION							REFERENCE SPECIFICATION	
FREQUENCY	50 Hz								
DISCHARGE	2 inch / 50 mm								
OUTPUT	2 HP / 1.5 kW							HP	kW
HEAD	14 m								
CAPACITY	0.2 m^3/min								
PHASE/VOLTAGE	1 Ø	220 V	230 V	240 V				Ø	V
RATED CURRENT		10.2 A	10.0 A	9.8 A					A
POLE / rpm	2 P / 2820 rpm								
START METHOD	CAPACITOR START								
INSULATION CLASS	B								
REMARK									



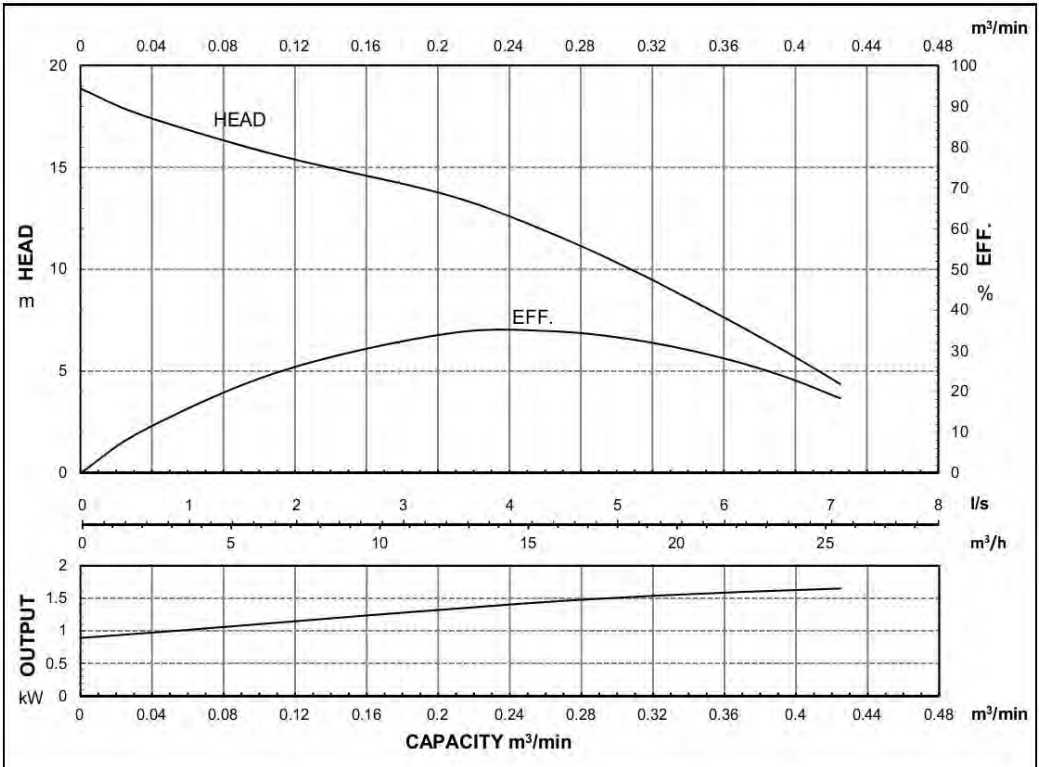
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-50AFU21.53

PUMP PERFORMANCE CURVES

MODEL	50AFU21.5						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	2 inch / 50 mm							
OUTPUT	2 HP / 1.5 kW						HP	kW
HEAD	14 m							
CAPACITY	0.2 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		6.1 A	3.6 A	3.5 A	3.4 A	2.7 A		A
POLE / rpm	2 P / 2820 rpm							
START METHOD	DIRECT							
INSULATION CLASS	B							
REMARK								



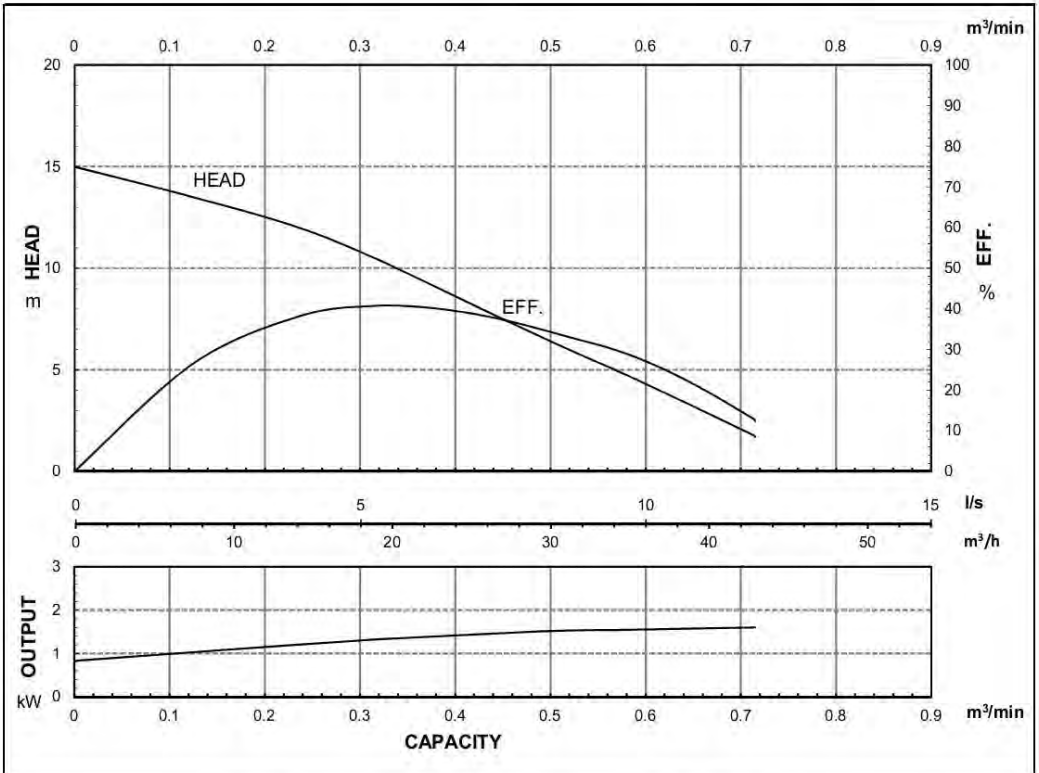
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-80AFU21.51

PUMP PERFORMANCE CURVES

MODEL	80AFU21.5						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	2 HP / 1.5 kW						HP	kW
HEAD	8.5 m							
CAPACITY	0.4 m^3/min							
PHASE/VOLTAGE	1 Ø	220 V	230 V	240 V			Ø	V
RATED CURRENT		10.2 A	10.0 A	9.8 A				A
POLE / rpm	2 P / 2820 rpm							
START METHOD	CAPACITOR START							
INSULATION CLASS	B							
REMARK								



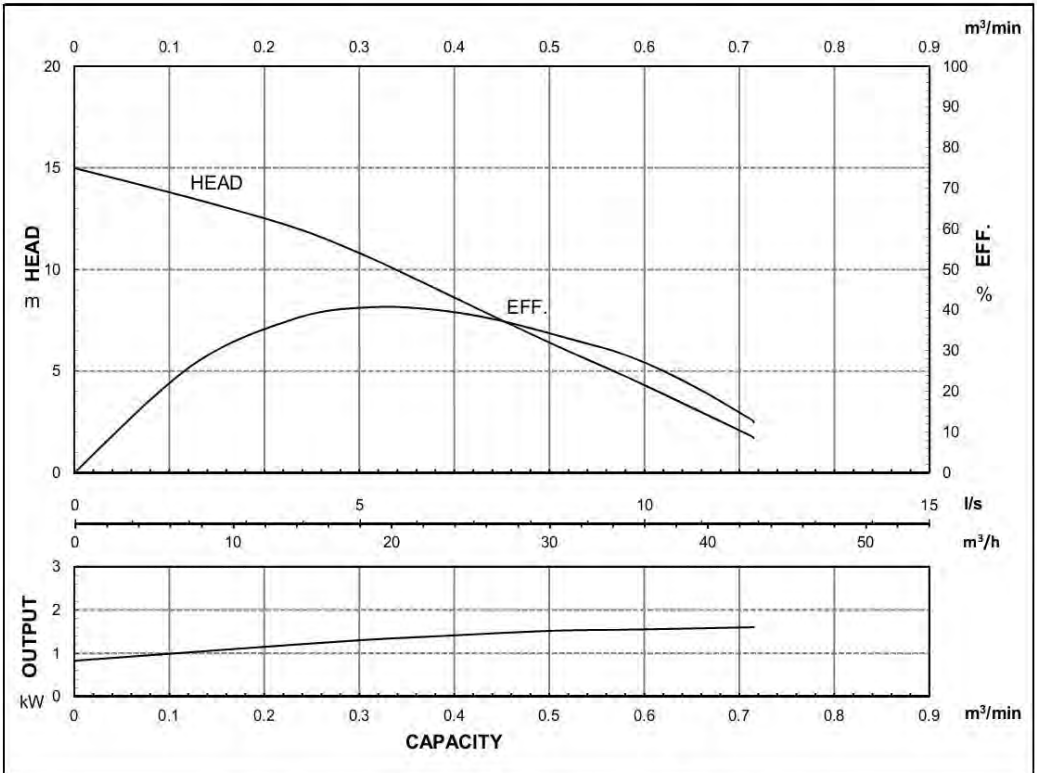
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-80AFU21.53

PUMP PERFORMANCE CURVES

MODEL	80AFU21.5						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	2 HP / 1.5 kW						HP	kW
HEAD	8.5 m							
CAPACITY	0.4 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		6.1 A	3.6 A	3.5 A	3.4 A	2.7 A		A
POLE / rpm	2 P / 2820 rpm							
START METHOD	DIRECT							
INSULATION CLASS	B							
REMARK								



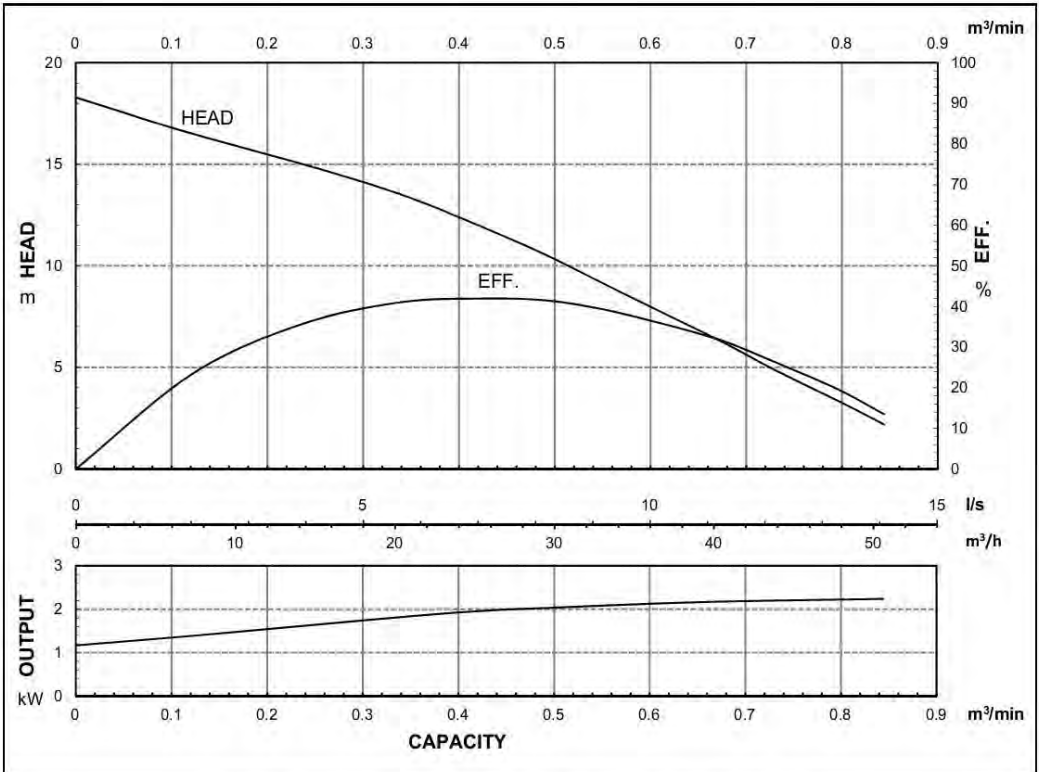
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-80AFU22.21

PUMP PERFORMANCE CURVES

MODEL	80AFU22.2						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	3 HP / 2.2 kW						HP	kW
HEAD	12.5 m							
CAPACITY	0.4 m^3/min							
PHASE/VOLTAGE	1 Ø	220 V	230 V	240 V			Ø	V
RATED CURRENT		15.0 A	14.6 A	14.4 A				A
POLE / rpm	2 P / 2840 rpm							
START METHOD	CAPACITOR START							
INSULATION CLASS	B							
REMARK								



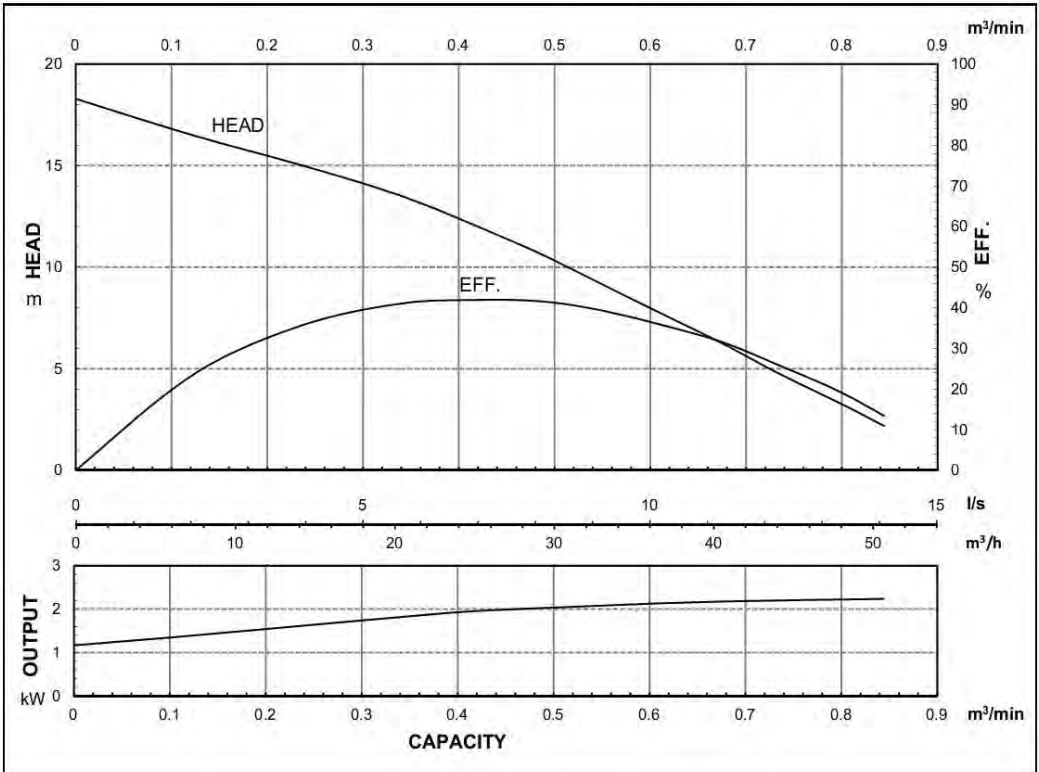
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-80AFU22.23

PUMP PERFORMANCE CURVES

MODEL	80AFU22.2						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	3 HP / 2.2 kW						HP	kW
HEAD	12.5 m							
CAPACITY	0.4 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		8.6 A	5.1 A	5.0 A	4.8 A	3.8 A		A
POLE / rpm	2 P / 2840 rpm							
START METHOD	DIRECT							
INSULATION CLASS	B							
REMARK								



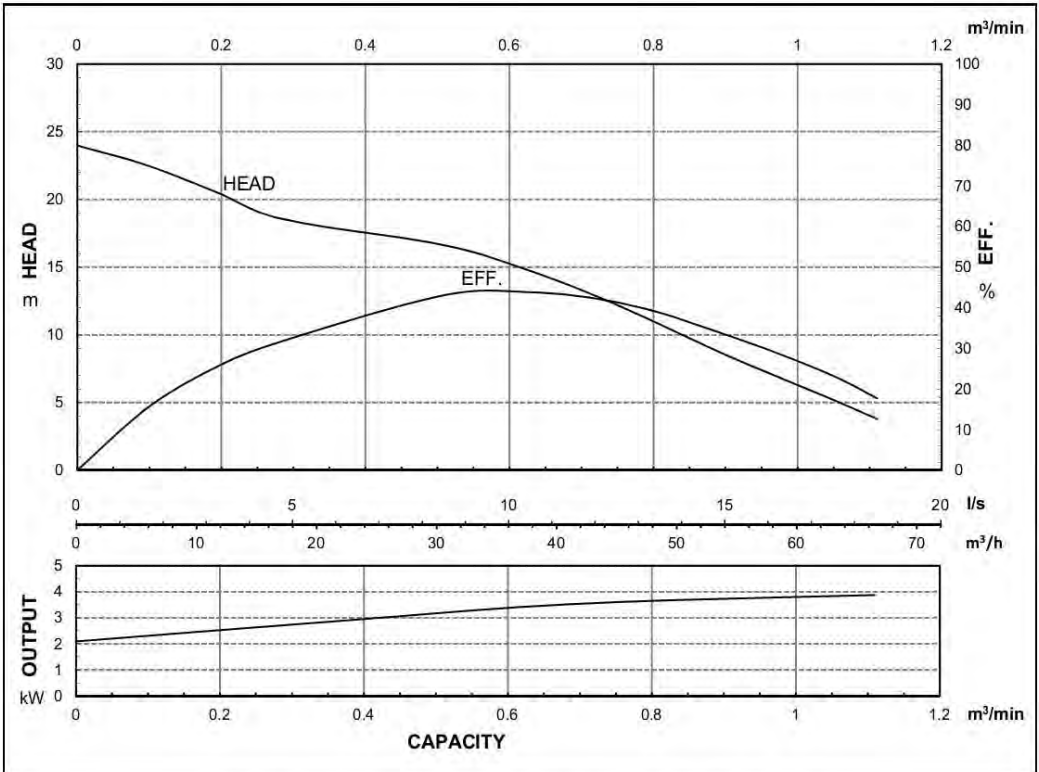
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-80AFU23.7A3

PUMP PERFORMANCE CURVES

MODEL	80AFU23.7A						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	5 HP / 3.7 kW						HP	kW
HEAD	16.5 m							
CAPACITY	0.5 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		14.0 A	8.4 A	8.2 A	7.7 A	6.2 A		A
POLE / rpm	2 P / 2850 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



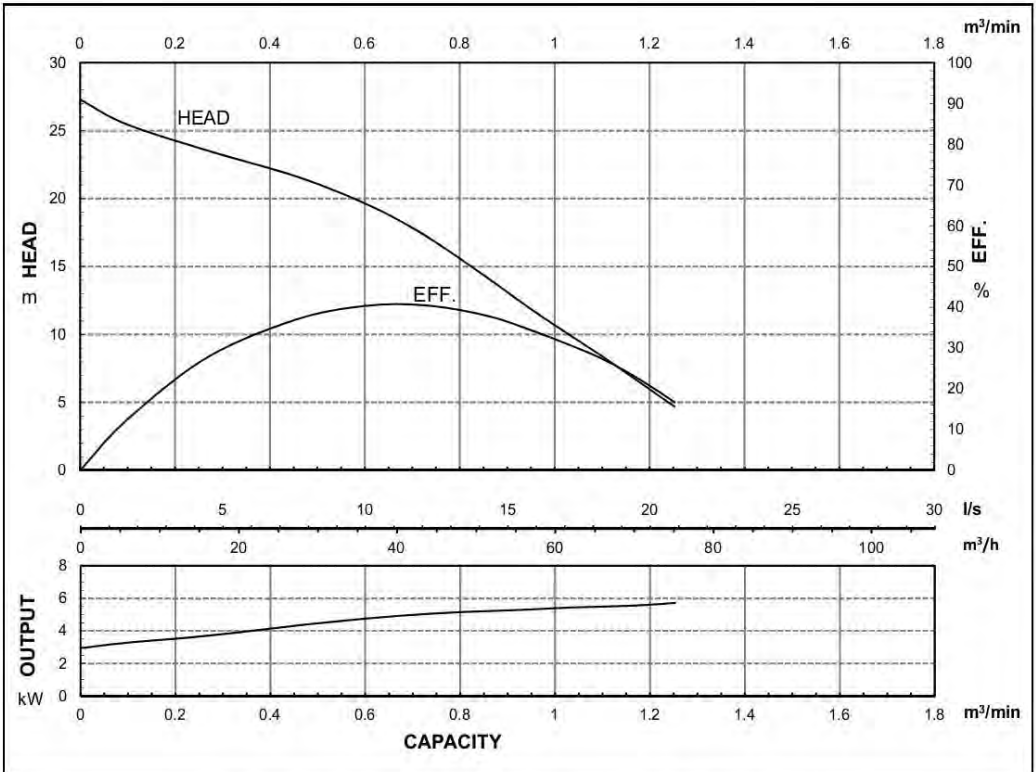
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO. PC-M-E5-80AFU25.53

PUMP PERFORMANCE CURVES

MODEL	80AFU25.5						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	7.5 HP / 5.5 kW						HP	kW
HEAD	19.5 m							
CAPACITY	0.6 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		20.2 A	11.7 A	11.3 A	11.2 A	8.8 A		A
POLE / rpm	2 P / 2890 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



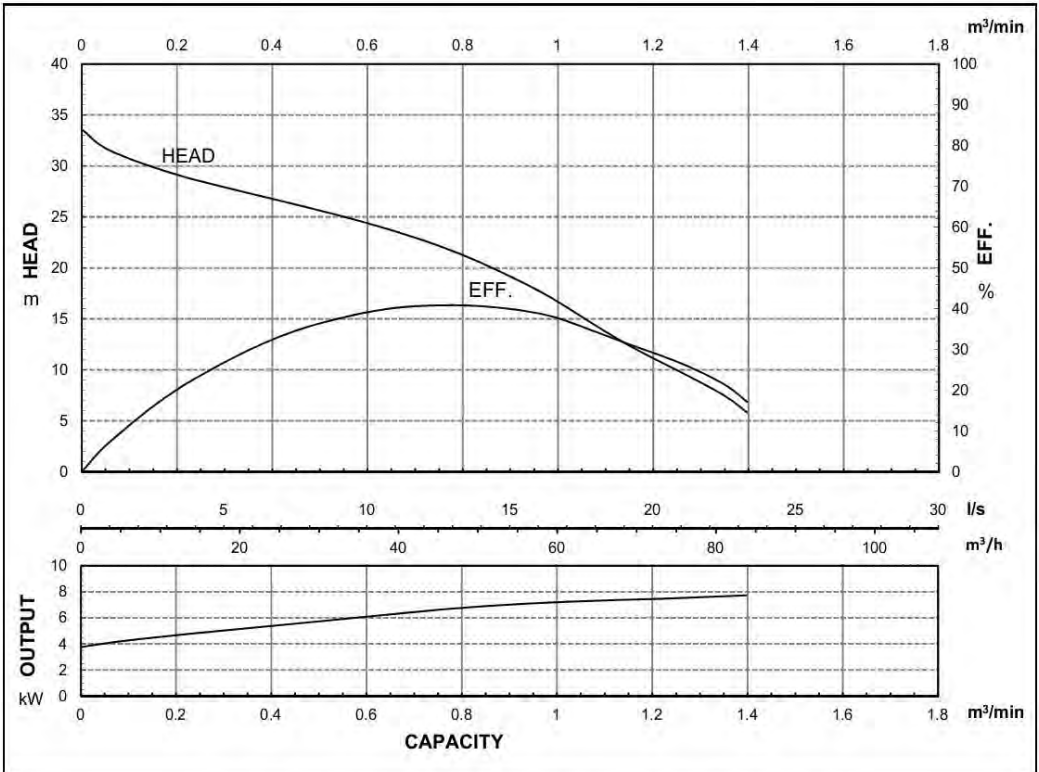
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO. PC-M-E5-80AFU27.53

PUMP PERFORMANCE CURVES

MODEL	80AFU27.5						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	10 HP / 7.5 kW						HP	kW
HEAD	24 m							
CAPACITY	0.6 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		26.0 A	15.3 A	14.5 A	14.4 A	11.4 A		A
POLE / rpm	2 P / 2900 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



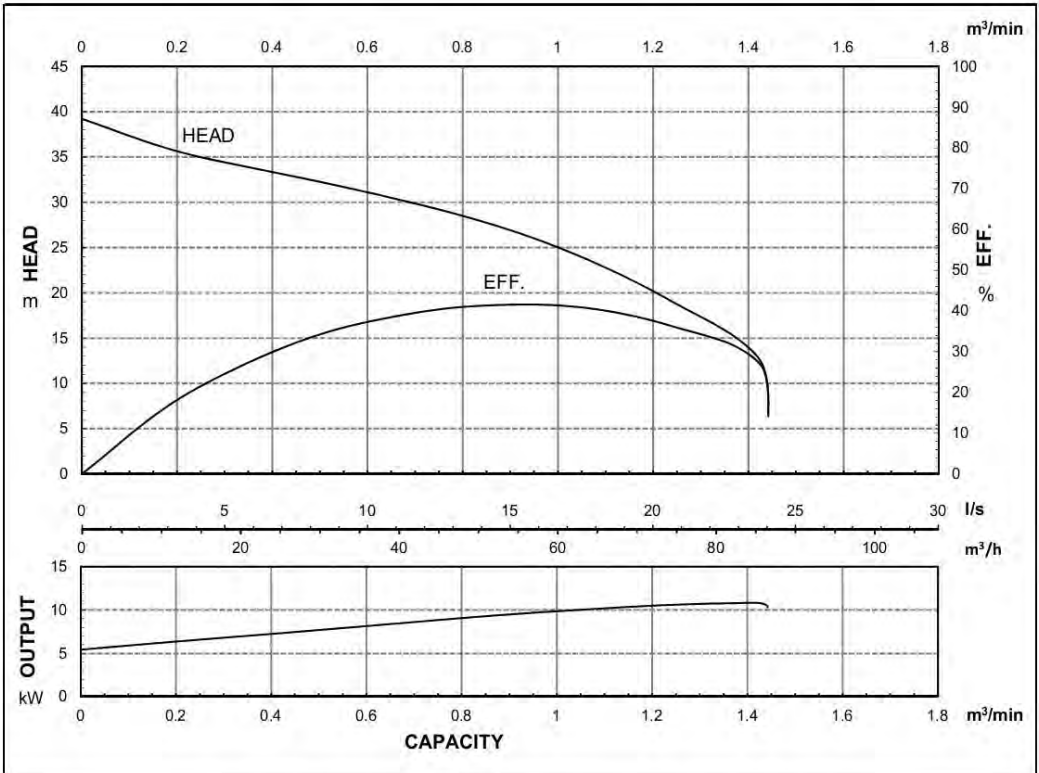
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO. PC-M-E5-80AFU2113

PUMP PERFORMANCE CURVES

MODEL	80AFU211						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	15 HP / 11 kW						HP	kW
HEAD	31.5 m							
CAPACITY	0.6 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		39.0 A	22.2 A	21.6 A	21.6 A	17.1 A		A
POLE / rpm	2 P / 2900 rpm							
START METHOD	STAR-DELTA							
INSULATION CLASS	F							
REMARK								



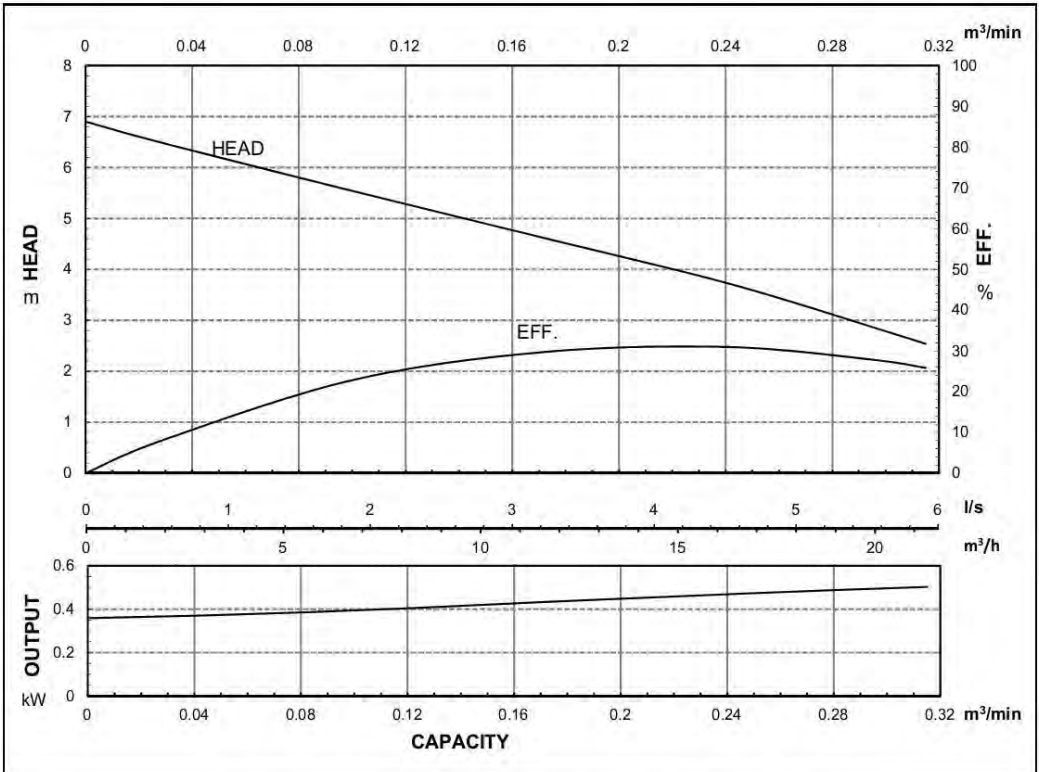
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-50AFU2.4L1

PUMP PERFORMANCE CURVES

MODEL	50AFU2.4L						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	2 inch / 50 mm							
OUTPUT	0.5 HP / 0.4 kW						HP	kW
HEAD	4 m							
CAPACITY	0.22 m^3/min							
PHASE/VOLTAGE	1 Ø	220 V	230 V	240 V			Ø	V
RATED CURRENT		3.4 A	3.3 A	3.2 A				A
POLE / rpm	2 P / 2780 rpm							
START METHOD	CAPACITOR START							
INSULATION CLASS	B							
REMARK								



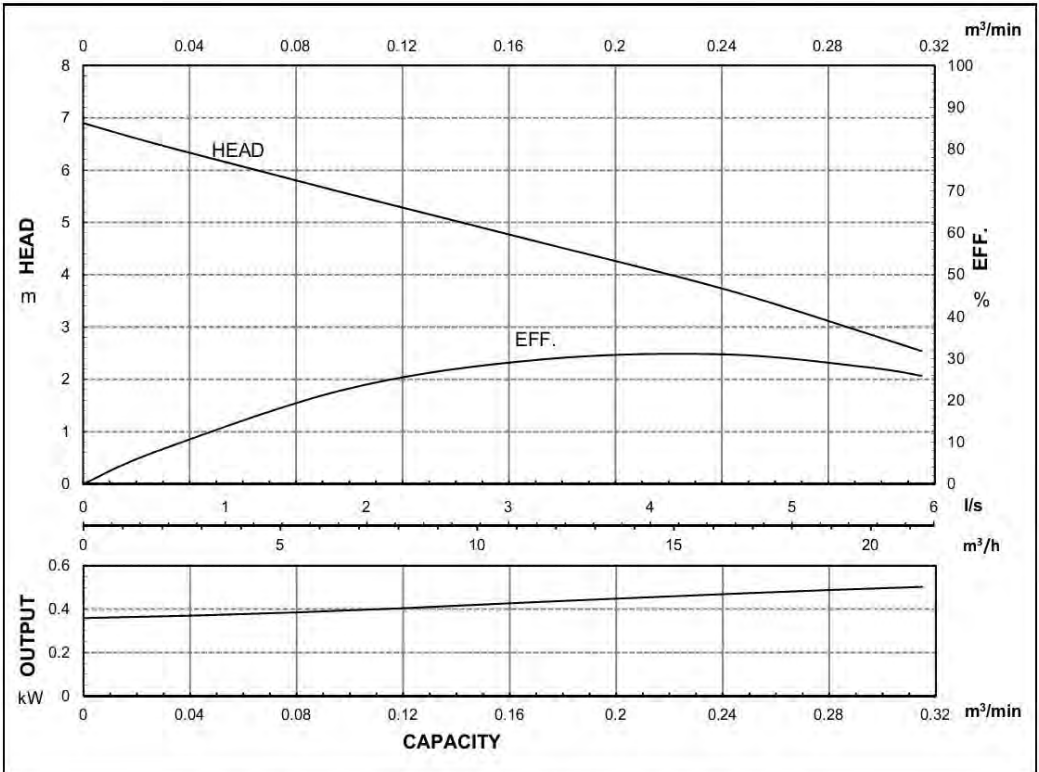
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-50AFU2.4L3

PUMP PERFORMANCE CURVES

MODEL	50AFU2.4L						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	2 inch / 50 mm							
OUTPUT	0.5 HP / 0.4 kW						HP	kW
HEAD	4 m							
CAPACITY	0.22 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		2.3 A	1.4 A	1.3 A	1.3 A	1.1 A		A
POLE / rpm	2 P / 2780 rpm							
START METHOD	DIRECT							
INSULATION CLASS	B							
REMARK								



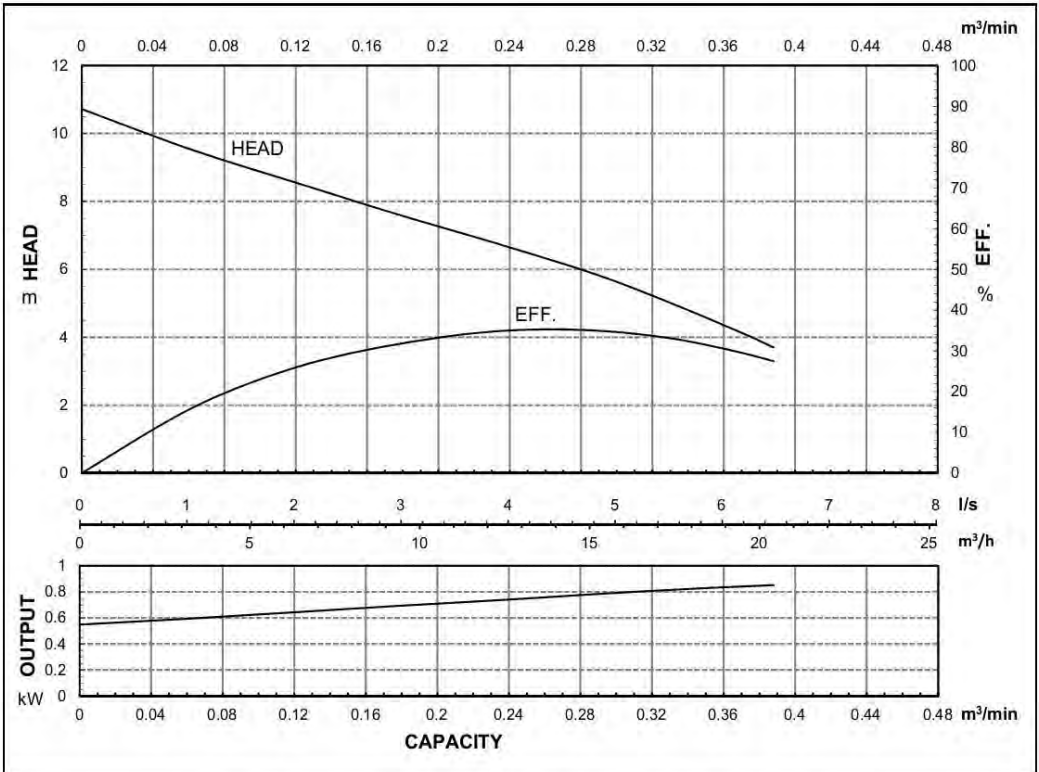
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-50AFU2.8L1

PUMP PERFORMANCE CURVES

MODEL	50AFU2.8L	DATE:
	STANDARD SPECIFICATION	REFERENCE SPECIFICATION
FREQUENCY	50 Hz	
DISCHARGE	2 inch / 50 mm	
OUTPUT	1 HP / 0.75 kW	HP kW
HEAD	6.5 m	
CAPACITY	0.25 m^3/min	
PHASE/VOLTAGE	1 Ø 220 V 230 V 240 V	Ø V
RATED CURRENT	5.2 A 5.0 A 4.8 A	A
POLE / rpm	2 P / 2800 rpm	
START METHOD	CAPACITOR START	
INSULATION CLASS	B	
REMARK		



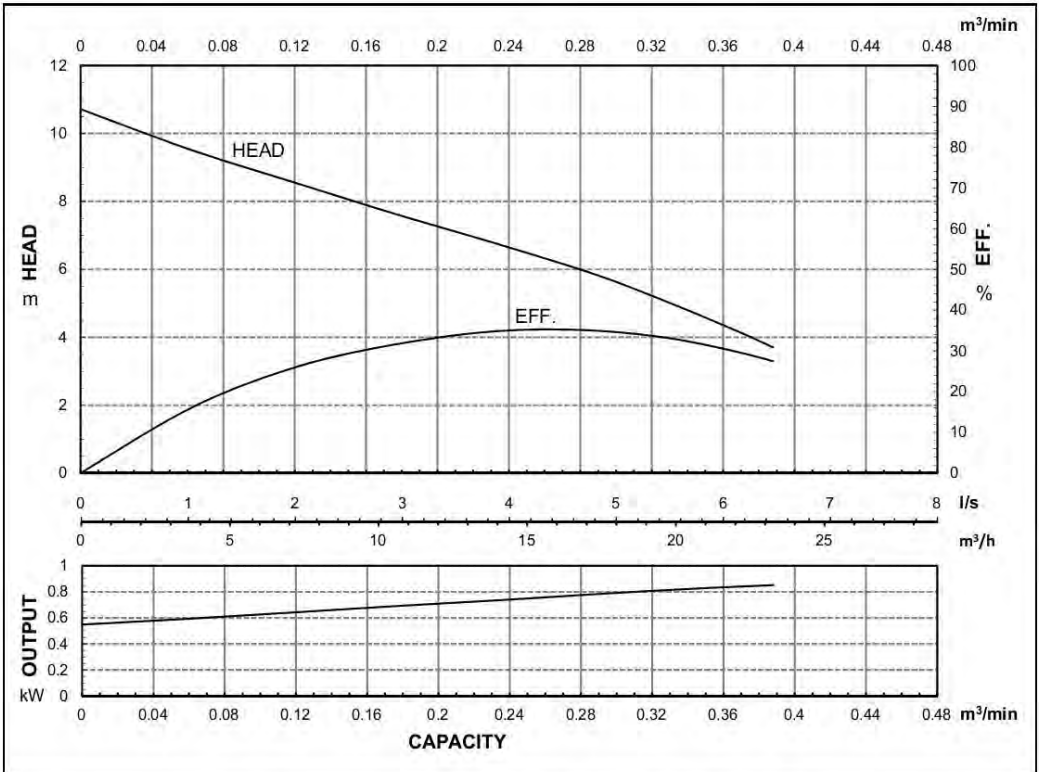
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-50AFU2.8L3

PUMP PERFORMANCE CURVES

MODEL	50AFU2.8L						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	2 inch / 50 mm							
OUTPUT	1 HP / 0.75 kW						HP	kW
HEAD	6.5 m							
CAPACITY	0.25 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		3.5 A	2.0 A	2.0 A	1.9 A	1.5 A		A
POLE / rpm	2 P / 2800 rpm							
START METHOD	DIRECT							
INSULATION CLASS	B							
REMARK								



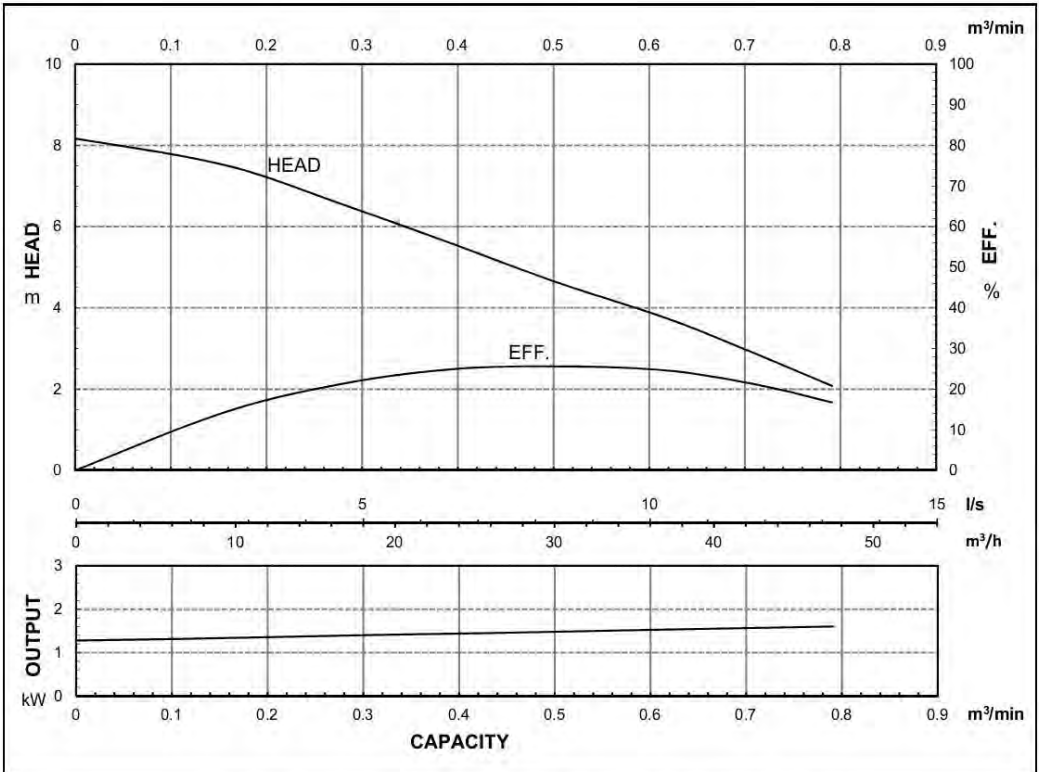
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-80AFU21.5L1

PUMP PERFORMANCE CURVES

MODEL	80AFU21.5L						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	2 HP / 1.5 kW						HP	kW
HEAD	4.5 m							
CAPACITY	0.5 m^3/min							
PHASE/VOLTAGE	1 Ø	220 V	230 V	240 V			Ø	V
RATED CURRENT		10.2 A	10.0 A	9.8 A				A
POLE / rpm	2 P / 2820 rpm							
START METHOD	CAPACITOR START							
INSULATION CLASS	B							
REMARK								



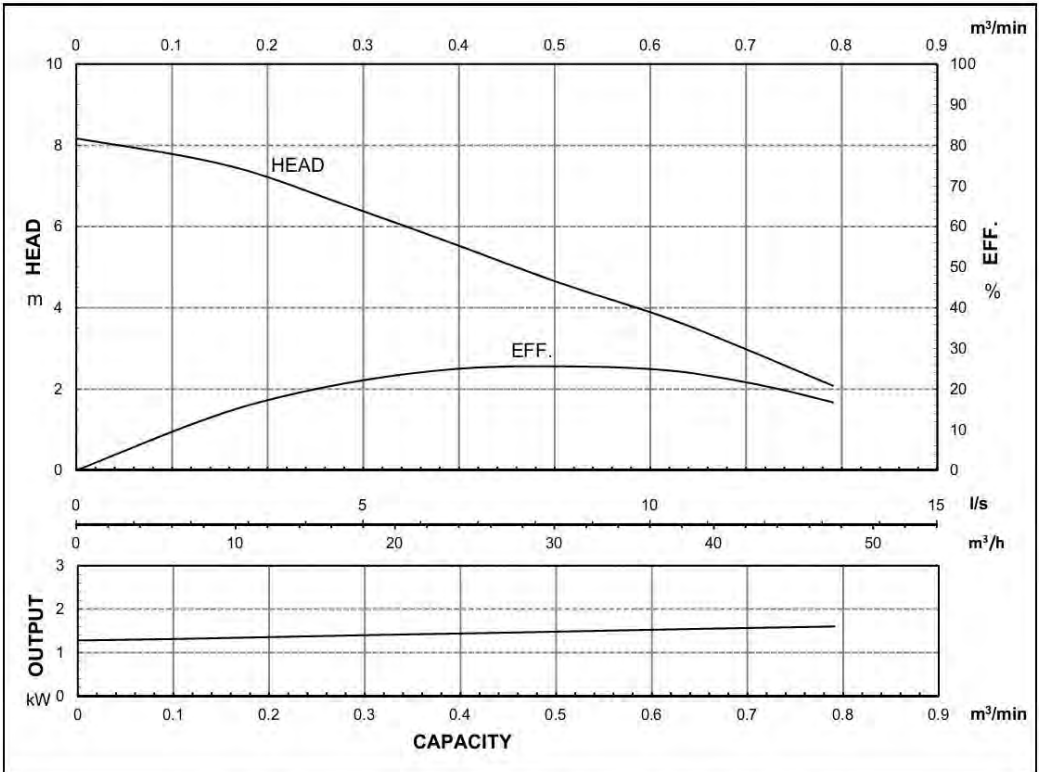
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-80AFU21.5L3

PUMP PERFORMANCE CURVES

MODEL	80AFU21.5L						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	2 HP / 1.5 kW						HP	kW
HEAD	4.5 m							
CAPACITY	0.5 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		6.1 A	3.6 A	3.5 A	3.4 A	2.7 A		A
POLE / rpm	2 P / 2820 rpm							
START METHOD	DIRECT							
INSULATION CLASS	B							
REMARK								



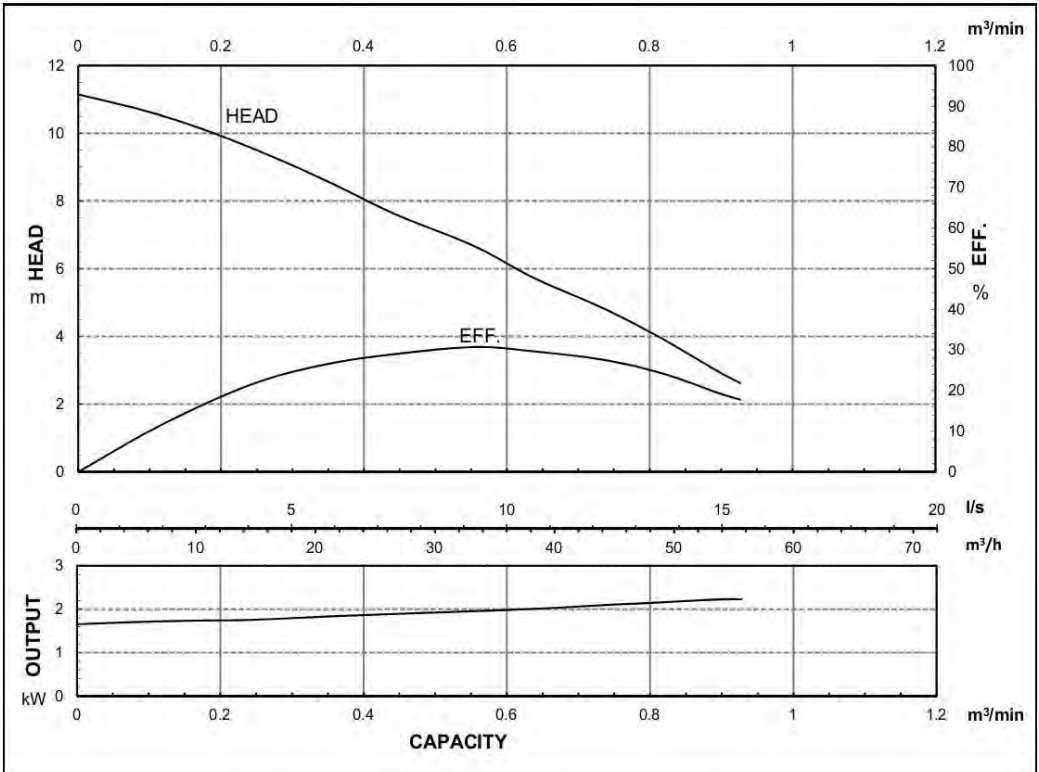
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-80AFU22.2L1

PUMP PERFORMANCE CURVES

MODEL	80AFU22.2L						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	3 HP / 2.2 kW						HP	kW
HEAD	7 m							
CAPACITY	0.5 m^3/min							
PHASE/VOLTAGE	1 Ø	220 V	230 V	240 V			Ø	V
RATED CURRENT		15.0 A	14.6 A	14.4 A				A
POLE / rpm	2 P / 2840 rpm							
START METHOD	CAPACITOR START							
INSULATION CLASS	B							
REMARK								



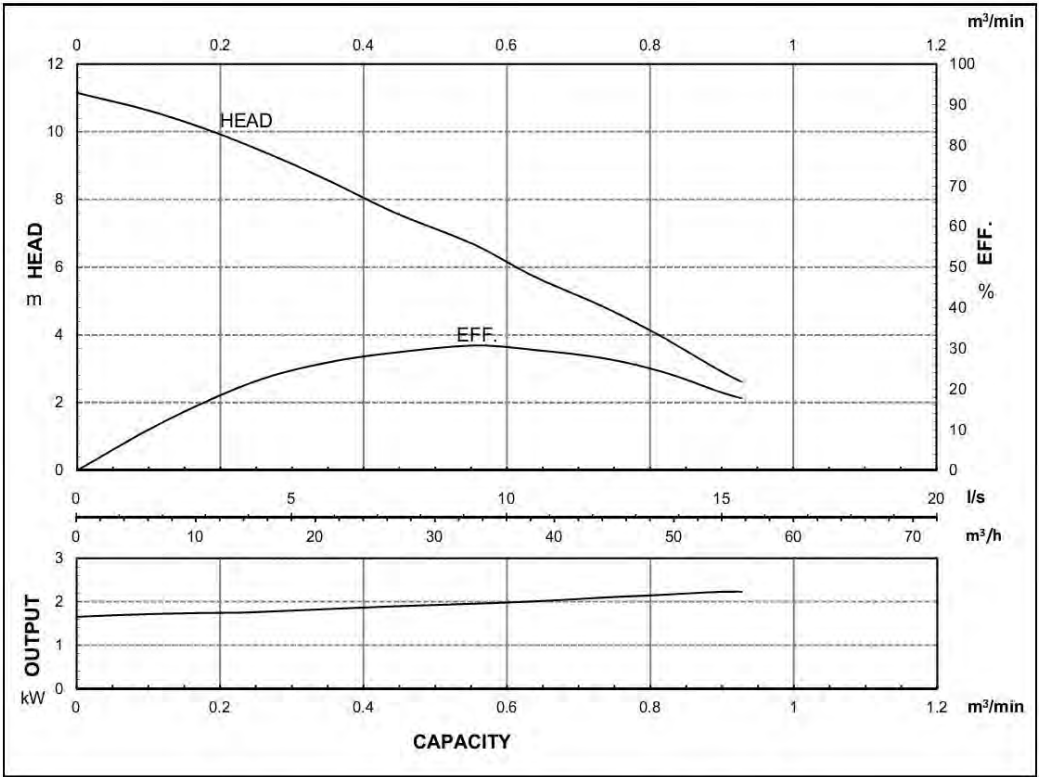
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-80AFU22.2L3

PUMP PERFORMANCE CURVES

MODEL	80AFU22.2L						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	3 HP / 2.2 kW						HP	kW
HEAD	7 m							
CAPACITY	0.5 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		8.6 A	5.1 A	5.0 A	4.8 A	3.8 A		A
POLE / rpm	2 P / 2840 rpm							
START METHOD	DIRECT							
INSULATION CLASS	B							
REMARK								



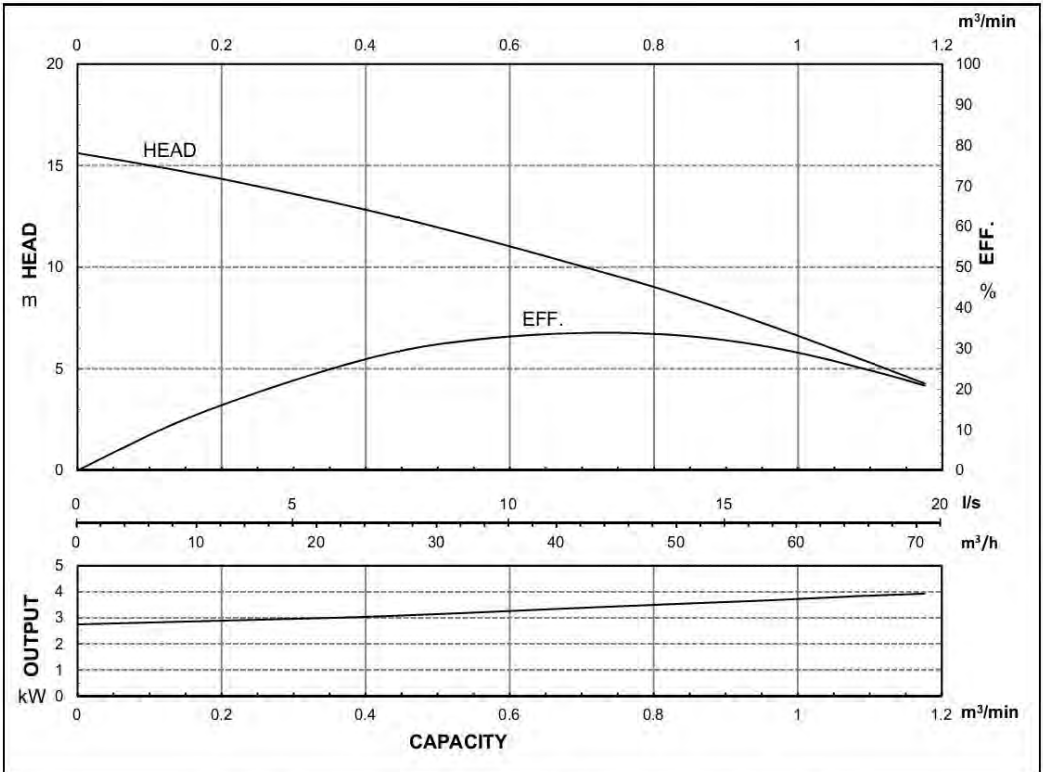
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO. PC-M-E5-80AFU23.7LA3

PUMP PERFORMANCE CURVES

MODEL	80AFU23.7LA						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	5 HP / 3.7 kW						HP	kW
HEAD	11 m							
CAPACITY	0.6 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		14.0 A	8.4 A	8.2 A	7.7 A	6.2 A		A
POLE / rpm	2 P / 2850 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



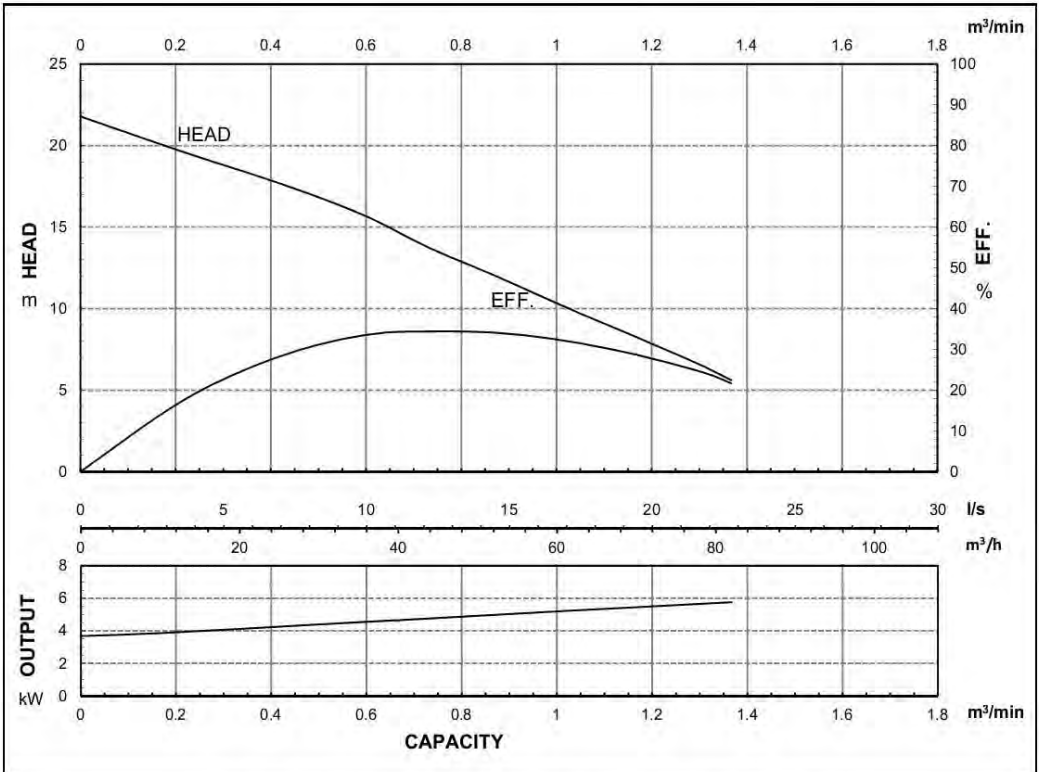
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO. PC-M-E5-80AFU25.5L3

PUMP PERFORMANCE CURVES

MODEL	80AFU25.5L						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	7.5 HP / 5.5 kW						HP	kW
HEAD	13 m							
CAPACITY	0.8 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		20.2 A	11.7 A	11.3 A	11.2 A	8.8 A		A
POLE / rpm	2 P / 2890 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



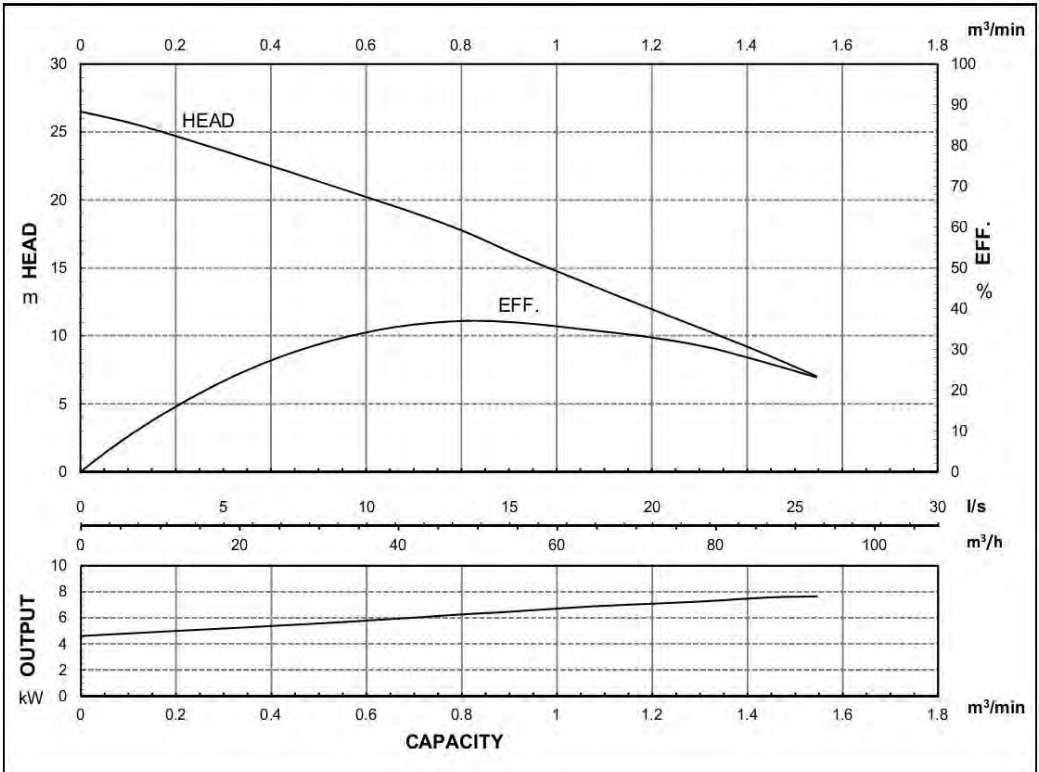
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO. PC-M-E5-80AFU27.5L3

PUMP PERFORMANCE CURVES

MODEL	80AFU27.5L						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	10 HP / 7.5 kW						HP	kW
HEAD	17.5 m							
CAPACITY	0.8 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		26.0 A	15.3 A	14.5 A	14.4 A	11.4 A		A
POLE / rpm	2 P / 2900 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



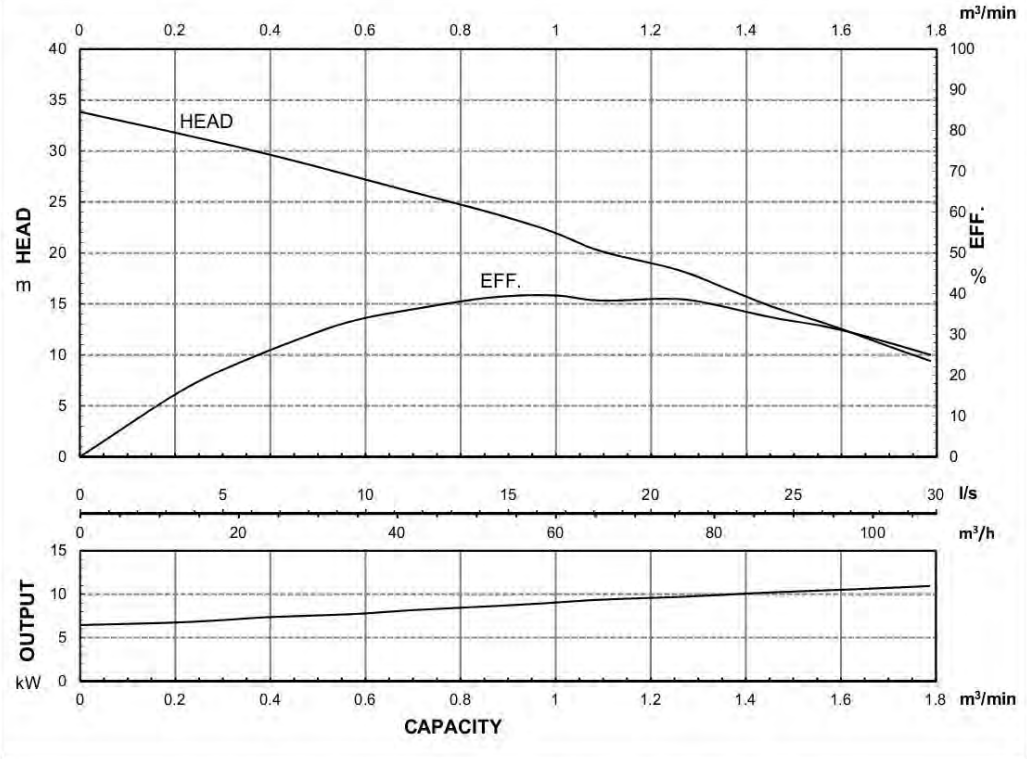
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO. PC-M-E5-80AFU211L3

PUMP PERFORMANCE CURVES

MODEL	80AFU211L						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	15 HP / 11 kW						HP	kW
HEAD	24.5 m							
CAPACITY	0.8 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		39.0 A	22.2 A	21.6 A	21.6 A	17.1 A		A
POLE / rpm	2 P / 2900 rpm							
START METHOD	STAR-DELTA							
INSULATION CLASS	F							
REMARK								



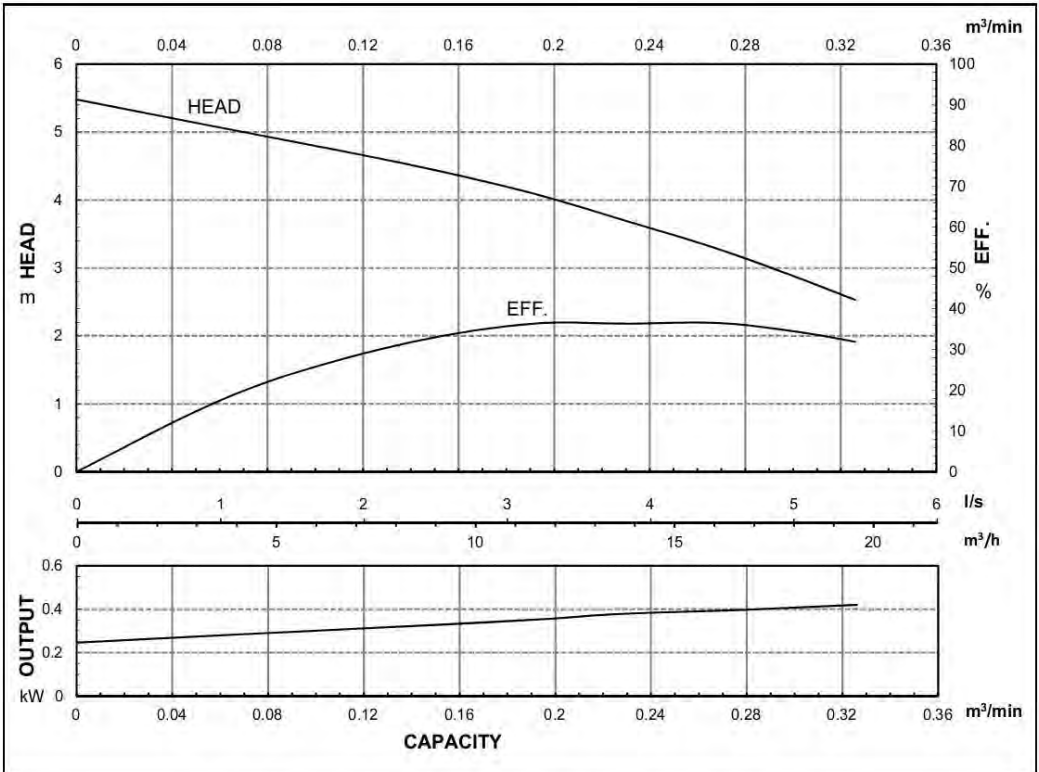
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-50AFU4.41

PUMP PERFORMANCE CURVES

MODEL	50AFU4.4							DATE:	
	STANDARD SPECIFICATION							REFERENCE SPECIFICATION	
FREQUENCY	50						Hz		
DISCHARGE	2	inch	/	50			mm		
OUTPUT	0.5	HP	/	0.4			kW	HP	kW
HEAD	3.5						m		
CAPACITY	0.25						m^3/min		
PHASE/VOLTAGE	1 Ø	220 V	230 V	240 V				Ø	V
RATED CURRENT		3.2 A	3.1 A	3.0 A					A
POLE / rpm	4	P	/	1380			rpm		
START METHOD	CAPACITOR START								
INSULATION CLASS	B								
REMARK									



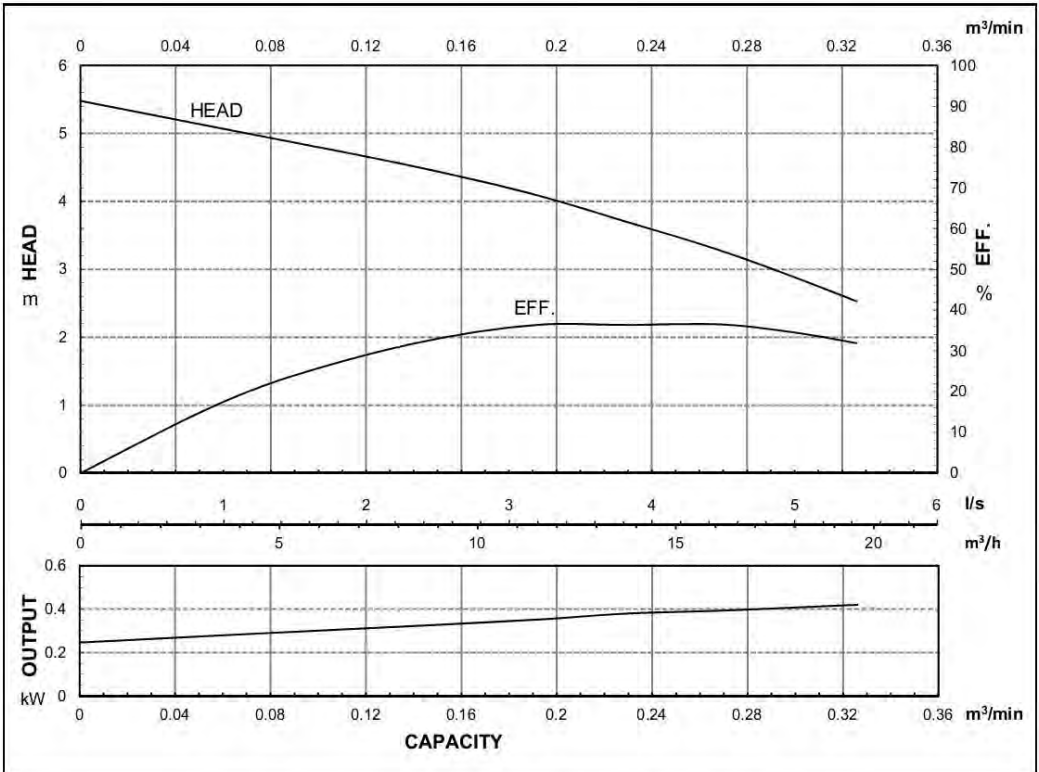
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-50AFU4.43

PUMP PERFORMANCE CURVES

MODEL	50AFU4.4						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	2 inch / 50 mm							
OUTPUT	0.5 HP / 0.4 kW						HP	kW
HEAD	3.5 m							
CAPACITY	0.25 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		2.2 A	1.3 A	1.3 A	1.2 A	1.0 A		A
POLE / rpm	4 P / 1380 rpm							
START METHOD	DIRECT							
INSULATION CLASS	B							
REMARK								



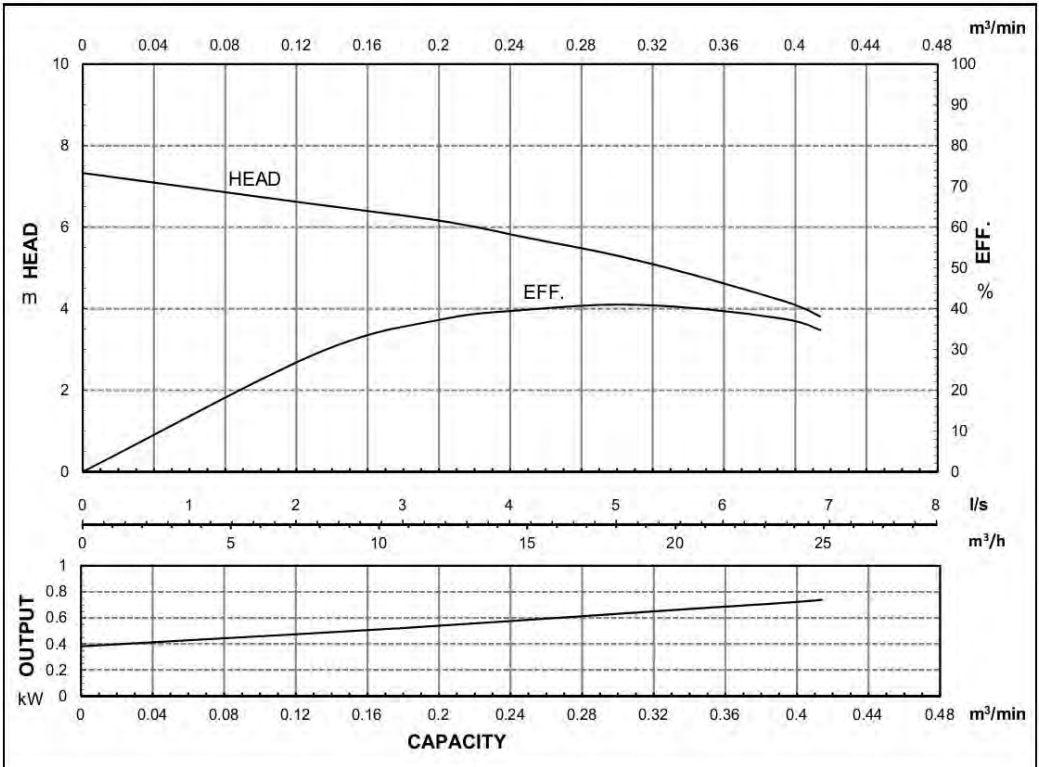
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-50AFU4.81

PUMP PERFORMANCE CURVES

MODEL	50AFU4.8						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	2 inch / 50 mm							
OUTPUT	1 HP / 0.75 kW						HP	kW
HEAD	5 m							
CAPACITY	0.3 m^3/min							
PHASE/VOLTAGE	1 Ø	220 V	230 V	240 V			Ø	V
RATED CURRENT		5.4 A	5.2 A	5.1 A				A
POLE / rpm	4 P / 1380 rpm							
START METHOD	CAPACITOR START							
INSULATION CLASS	B							
REMARK								



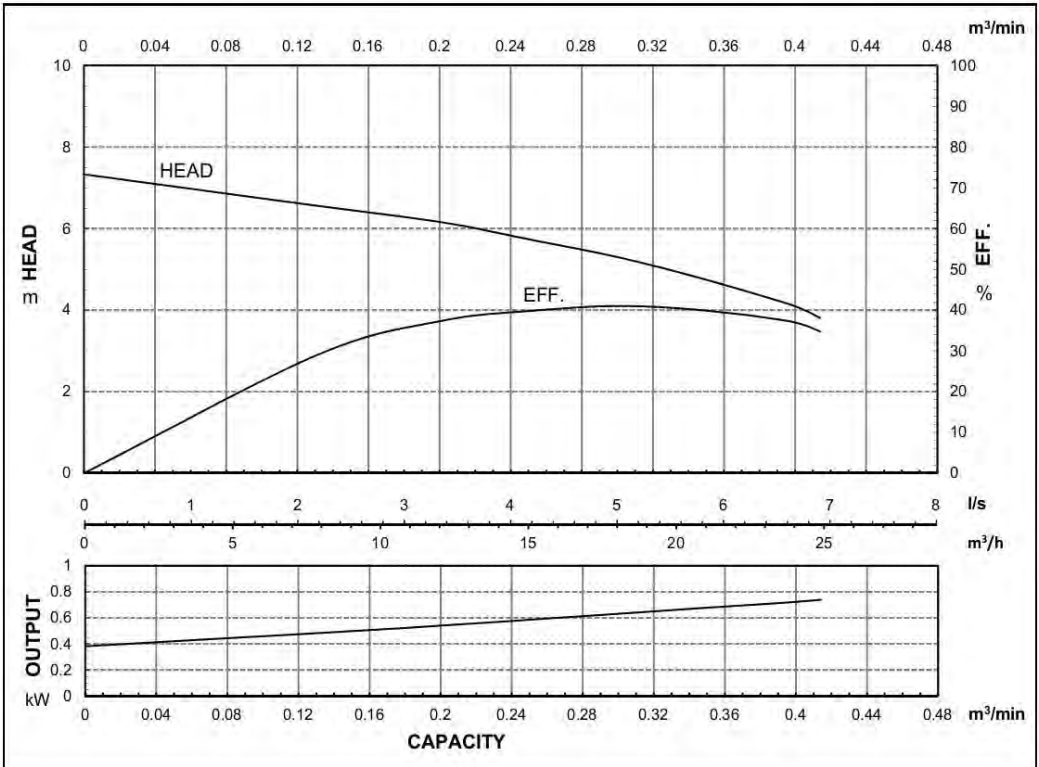
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-50AFU4.83

PUMP PERFORMANCE CURVES

MODEL	50AFU4.8						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	2 inch / 50 mm							
OUTPUT	1 HP / 0.75 kW						HP	kW
HEAD	5 m							
CAPACITY	0.3 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		3.5 A	2.1 A	2.0 A	2.0 A	1.6 A		A
POLE / rpm	4 P / 1380 rpm							
START METHOD	DIRECT							
INSULATION CLASS	B							
REMARK								



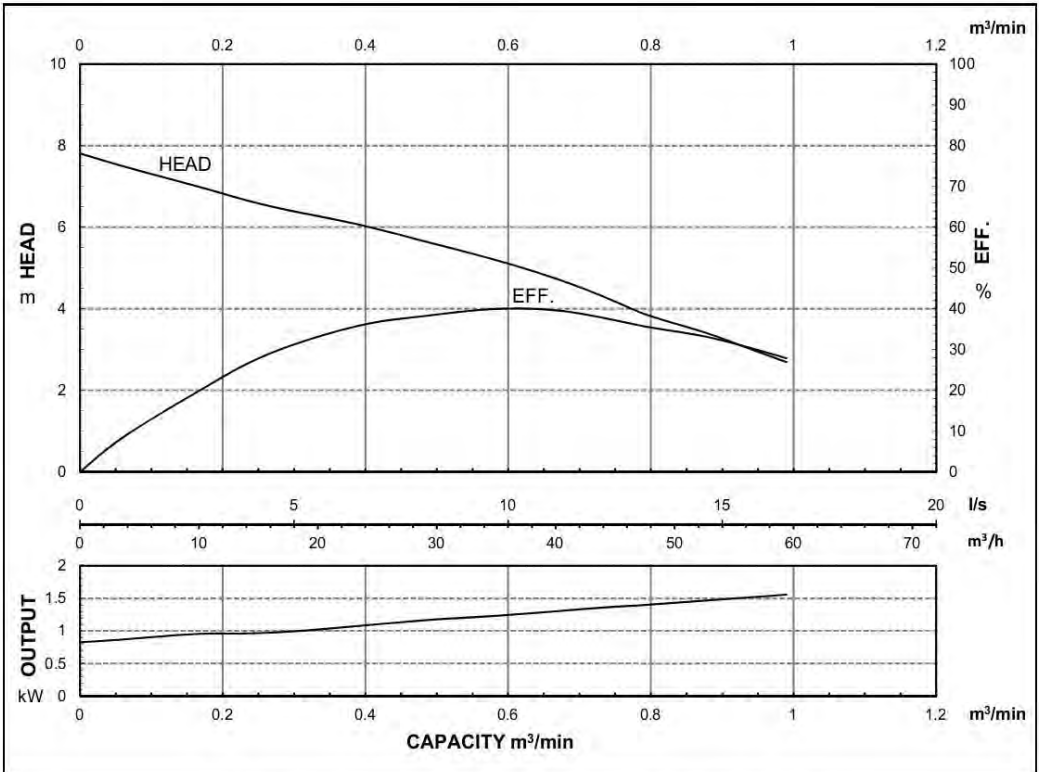
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-80AFU41.51

PUMP PERFORMANCE CURVES

MODEL	80AFU41.5	DATE:
	STANDARD SPECIFICATION	REFERENCE SPECIFICATION
FREQUENCY	50 Hz	
DISCHARGE	3 inch / 80 mm	
OUTPUT	2 HP / 1.5 kW	HP kW
HEAD	5 m	
CAPACITY	0.6 m^3/min	
PHASE/VOLTAGE	1 Ø 220 V 230 V 240 V	Ø V
RATED CURRENT	10.4 A 10.2 A 10.0 A	A
POLE / rpm	4 P / 1390 rpm	
START METHOD	CAPACITOR START	
INSULATION CLASS	B	
REMARK		



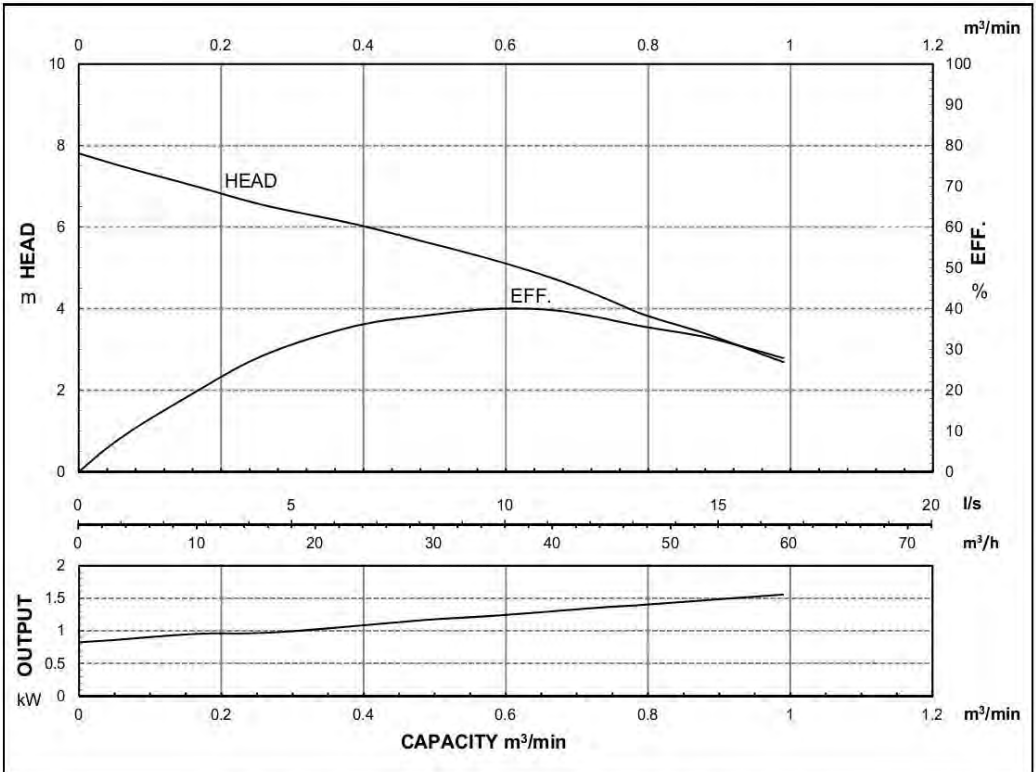
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-80AFU41.53

PUMP PERFORMANCE CURVES

MODEL	80AFU41.5						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	2 HP / 1.5 kW						HP	kW
HEAD	5 m							
CAPACITY	0.6 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		6.6 A	3.9 A	3.8 A	3.6 A	2.9 A		A
POLE / rpm	4 P / 1390 rpm							
START METHOD	DIRECT							
INSULATION CLASS	B							
REMARK								



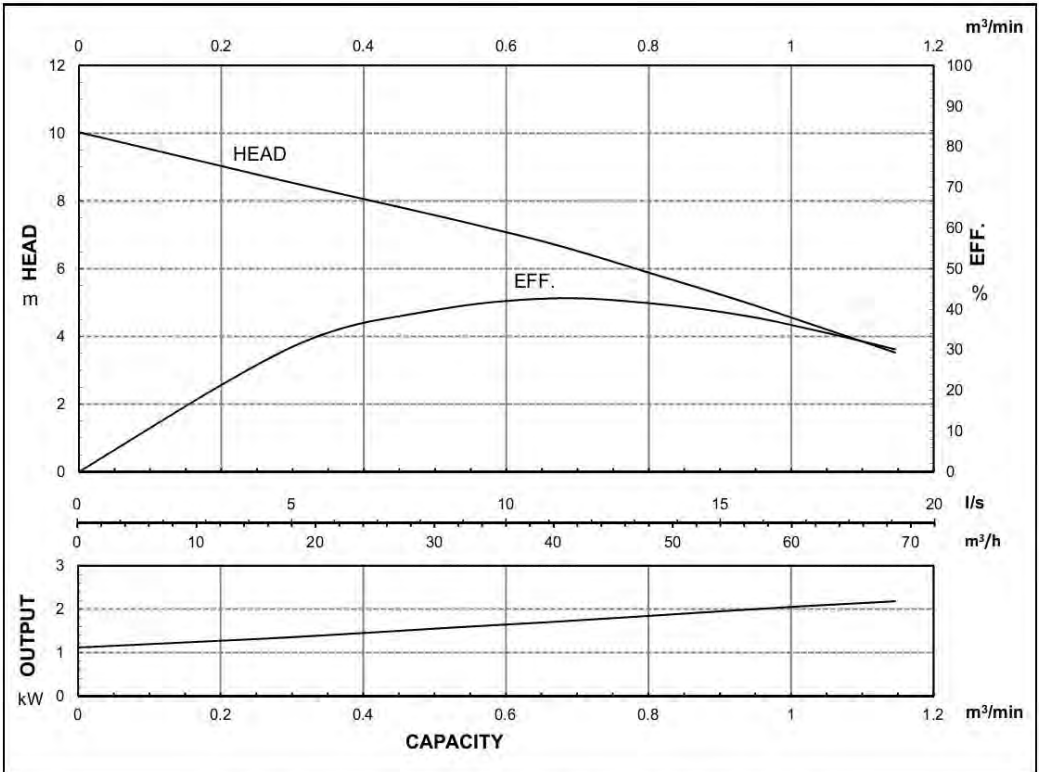
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-80AFU42.23

PUMP PERFORMANCE CURVES

MODEL	80AFU42.2						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	3 HP / 2.2 kW						HP	kW
HEAD	7 m							
CAPACITY	0.6 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		9.2 A	5.5 A	5.4 A	5.1 A	4.1 A		A
POLE / rpm	4 P / 1400 rpm							
START METHOD	DIRECT							
INSULATION CLASS	B							
REMARK								



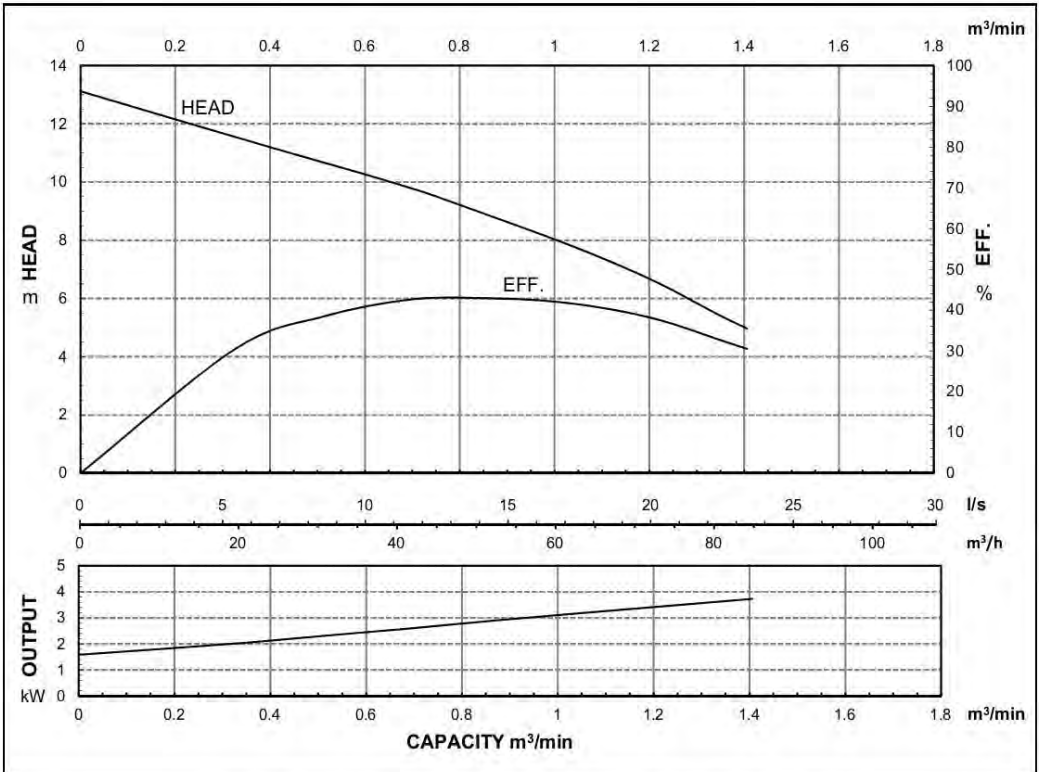
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-80AFU43.73

PUMP PERFORMANCE CURVES

MODEL	80AFU43.7						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	5 HP / 3.7 kW						HP	kW
HEAD	10 m							
CAPACITY	0.6 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		15.2 A	8.8 A	8.8 A	8.4 A	6.7 A		A
POLE / rpm	4 P / 1400 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



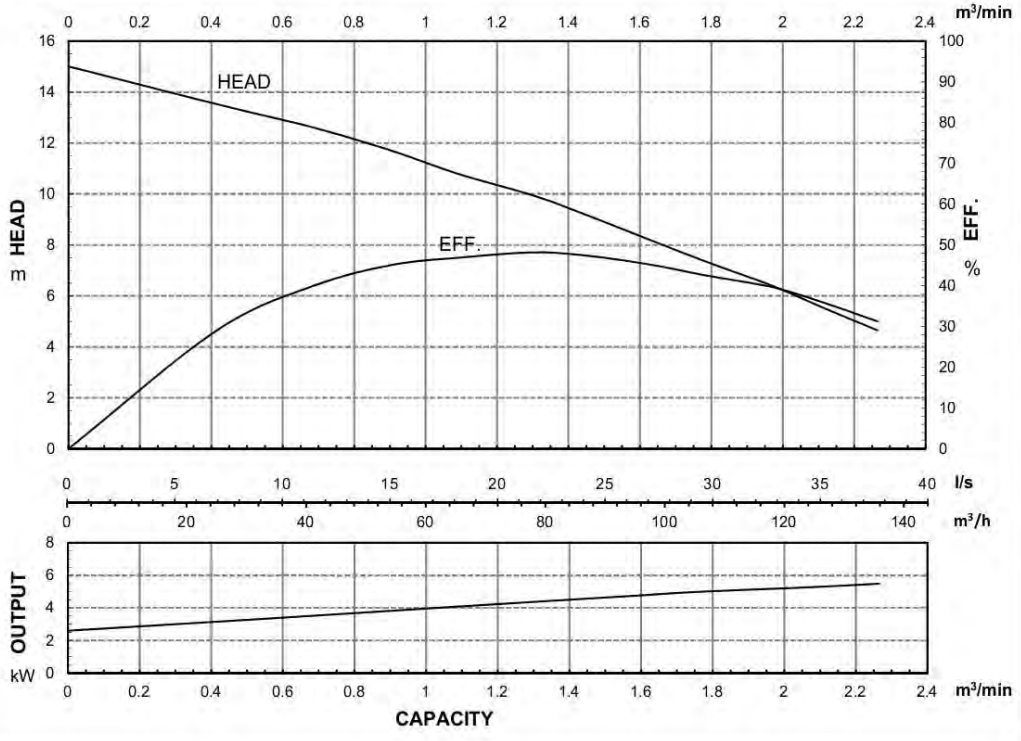
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-100AFU45.53

PUMP PERFORMANCE CURVES

MODEL	100AFU45.5						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	4 inch / 100 mm							
OUTPUT	7.5 HP / 5.5 kW						HP	kW
HEAD	11 m							
CAPACITY	1 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		22.2 A	12.6 A	12.3 A	12.3 A	9.8 A		A
POLE / rpm	4 P / 1440 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



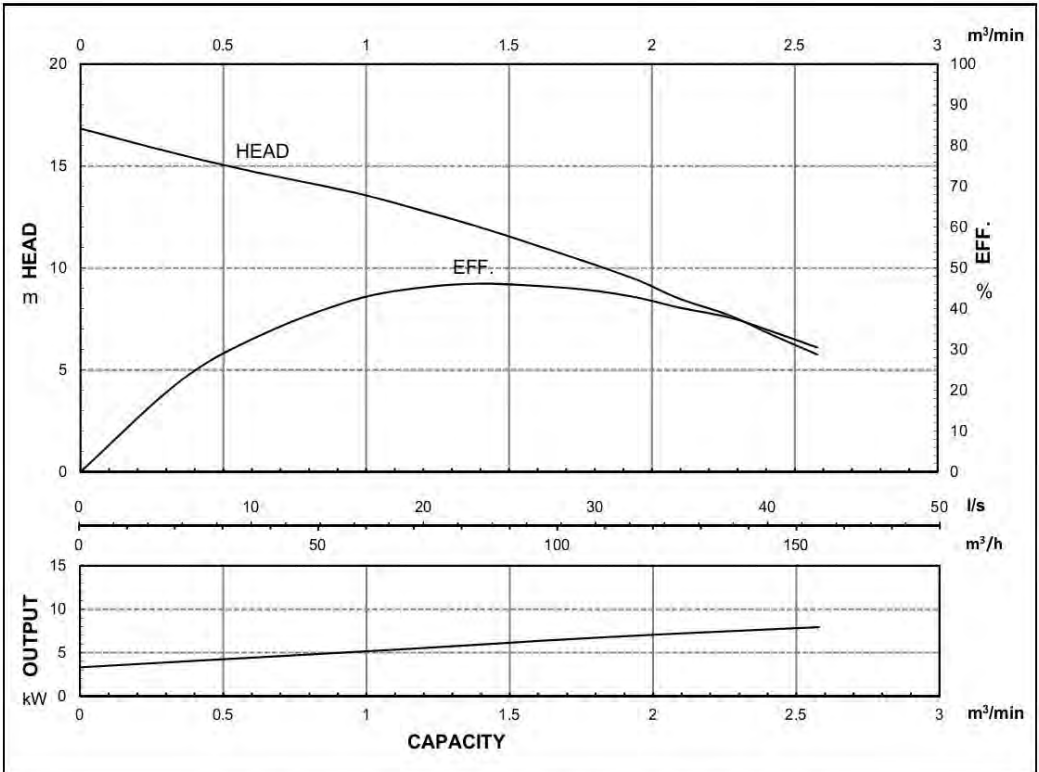
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-100AFU47.53

PUMP PERFORMANCE CURVES

MODEL	100AFU47.5						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	4 inch / 100 mm							
OUTPUT	10 HP / 7.5 kW						HP	kW
HEAD	13.5 m							
CAPACITY	1 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		28.8 A	16.3 A	16.0 A	16.0 A	12.6 A		A
POLE / rpm	4 P / 1450 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



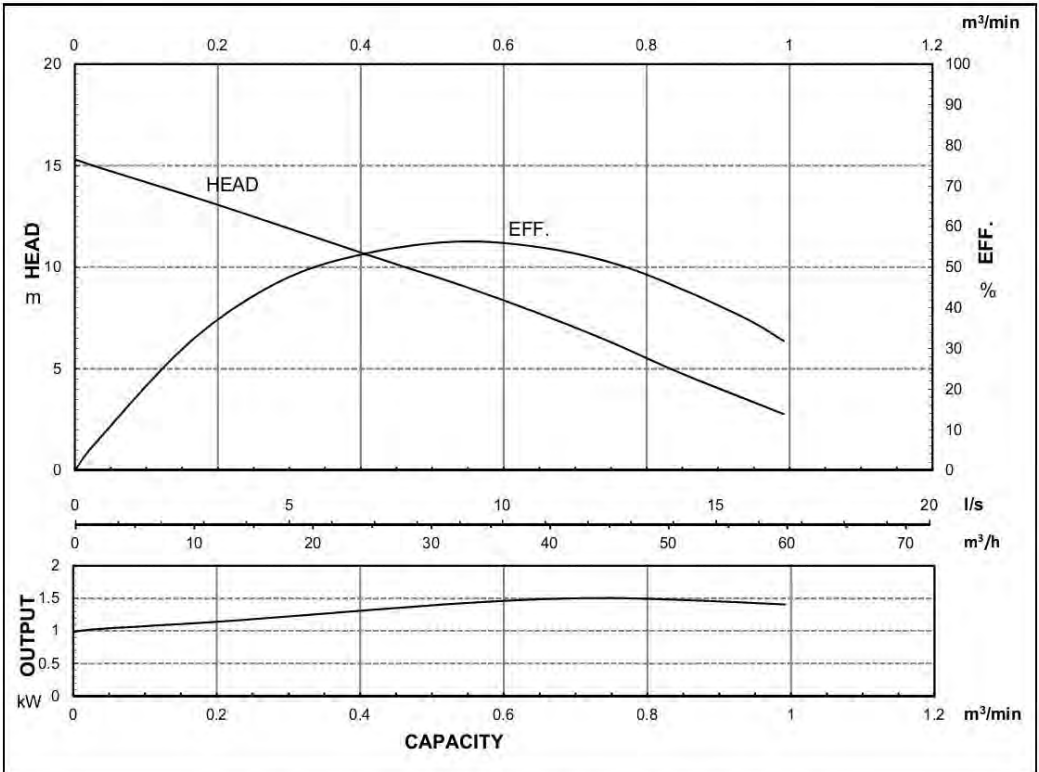
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-80AFP21.51

PUMP PERFORMANCE CURVES

MODEL	80AFP21.5	DATE:
	STANDARD SPECIFICATION	REFERENCE SPECIFICATION
FREQUENCY	50 Hz	
DISCHARGE	3 inch / 80 mm	
OUTPUT	2 HP / 1.5 kW	HP kW
HEAD	8.5 m	
CAPACITY	0.6 m^3/min	
PHASE/VOLTAGE	1 Ø 220 V 230 V 240 V	Ø V
RATED CURRENT	10.2 A 10.0 A 9.8 A	A
POLE / rpm	2 P / 2820 rpm	
START METHOD	CAPACITOR START	
INSULATION CLASS	B	
REMARK		



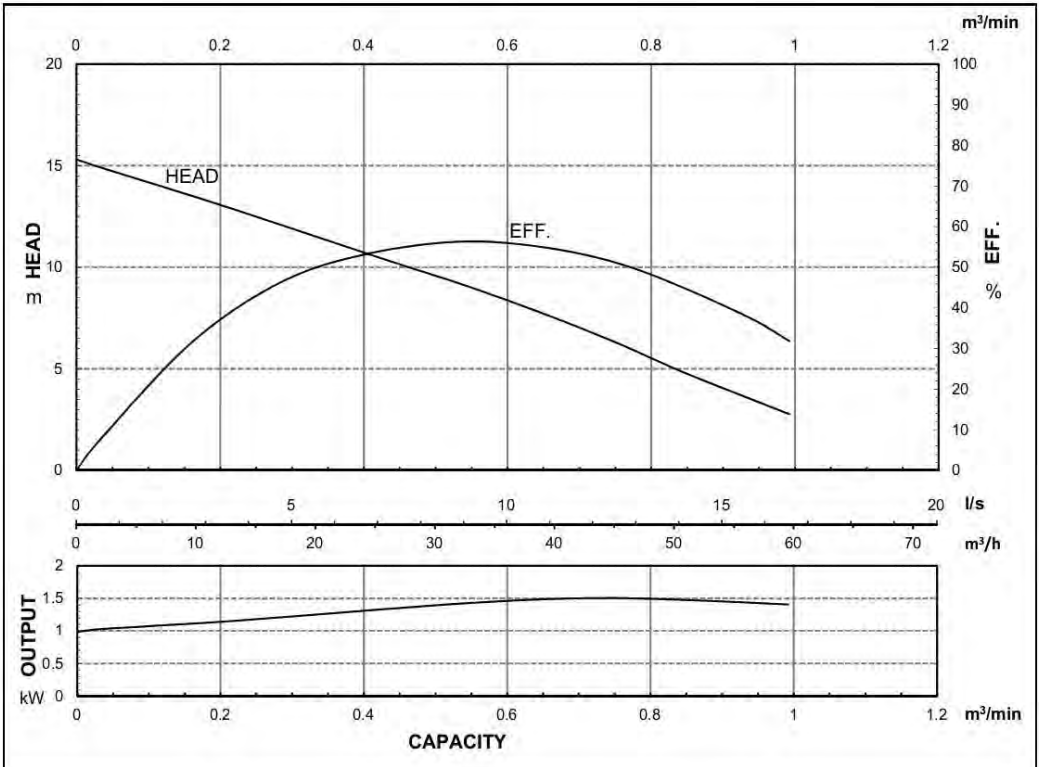
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-80AFP21.53

PUMP PERFORMANCE CURVES

MODEL	80AFP21.5						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	2 HP / 1.5 kW						HP	kW
HEAD	8.5 m							
CAPACITY	0.6 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		6.1 A	3.6 A	3.5 A	3.4 A	2.7 A		A
POLE / rpm	2 P / 2820 rpm							
START METHOD	DIRECT							
INSULATION CLASS	B							
REMARK								



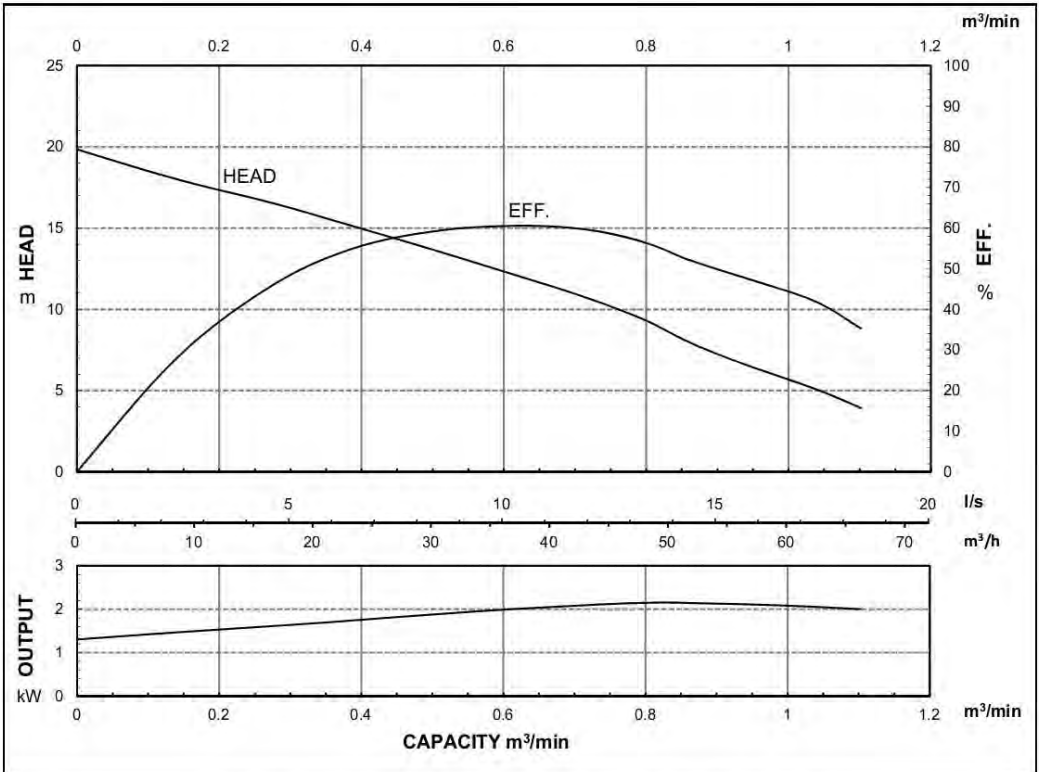
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-80AFP22.21

PUMP PERFORMANCE CURVES

MODEL	80AFP22.2	DATE:
	STANDARD SPECIFICATION	REFERENCE SPECIFICATION
FREQUENCY	50 Hz	
DISCHARGE	3 inch / 80 mm	
OUTPUT	3 HP / 2.2 kW	HP kW
HEAD	12.5 m	
CAPACITY	0.6 m^3/min	
PHASE/VOLTAGE	1 Ø 220 V 230 V 240 V	Ø V
RATED CURRENT	15.0 A 14.6 A 14.4 A	A
POLE / rpm	2 P / 2840 rpm	
START METHOD	CAPACITOR START	
INSULATION CLASS	B	
REMARK		



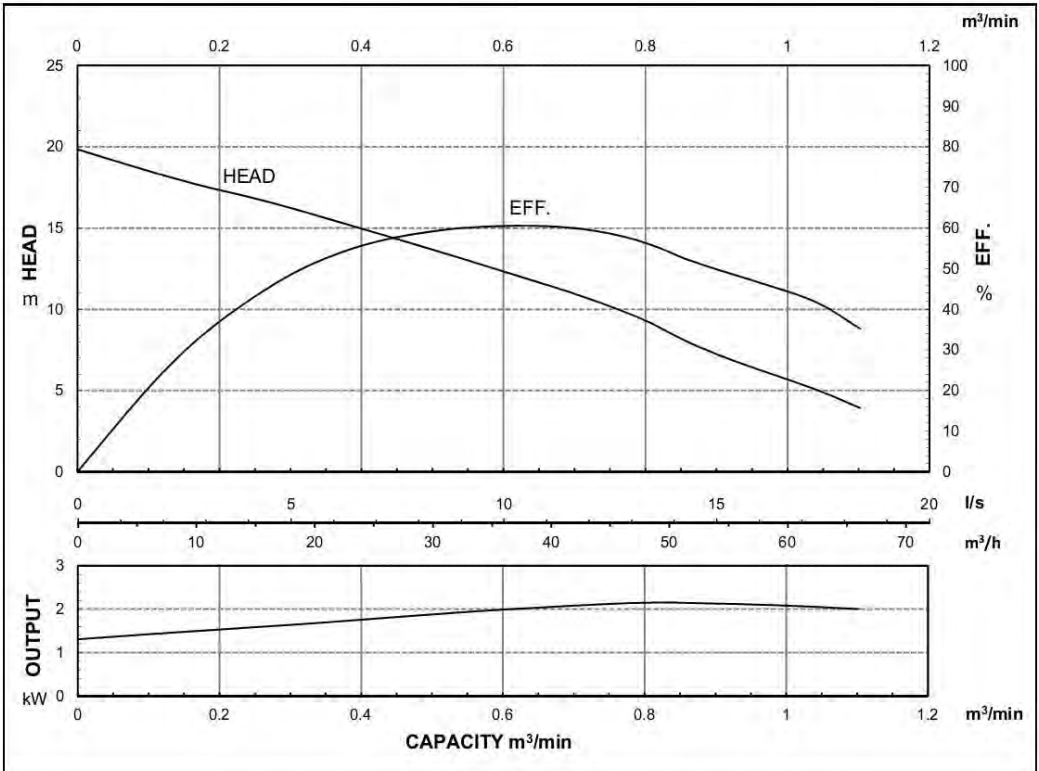
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-80AFP22.23

PUMP PERFORMANCE CURVES

MODEL	80AFP22.2						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	3 HP / 2.2 kW						HP	kW
HEAD	12.5 m							
CAPACITY	0.6 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		8.6 A	5.1 A	5.0 A	4.8 A	3.8 A		A
POLE / rpm	2 P / 2840 rpm							
START METHOD	DIRECT							
INSULATION CLASS	B							
REMARK								



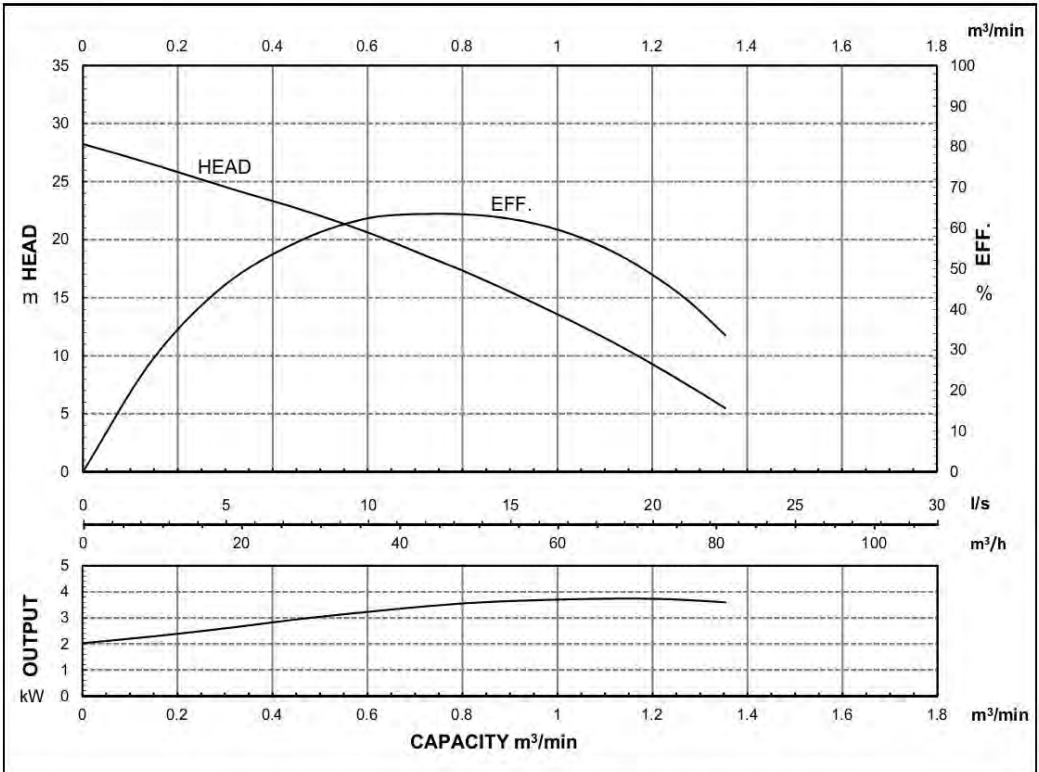
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-80AFP23.7A3

PUMP PERFORMANCE CURVES

MODEL	80AFP23.7A						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	5 HP / 3.7 kW						HP	kW
HEAD	20.5 m							
CAPACITY	0.6 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		14.0 A	8.4 A	8.2 A	7.7 A	6.2 A		A
POLE / rpm	2 P / 2850 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



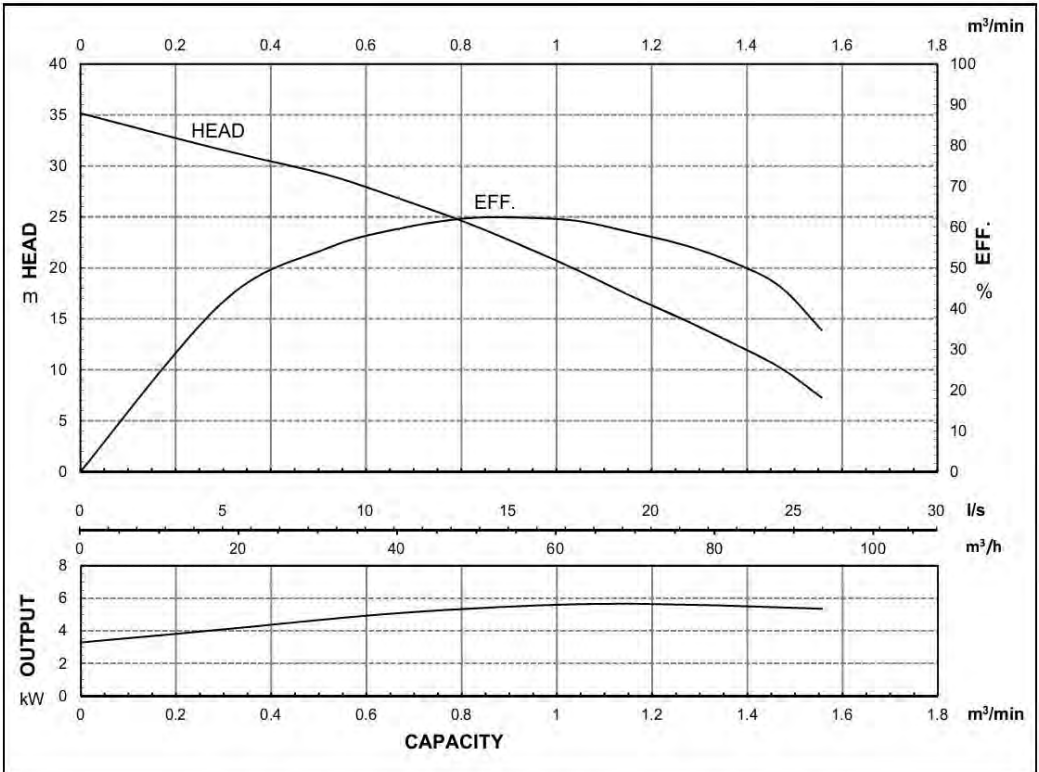
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO.PC-M-E5-80(100)AFP25.53

PUMP PERFORMANCE CURVES

MODEL	80(100)AFP25.5						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	7.5 HP / 5.5 kW						HP	kW
HEAD	28 m							
CAPACITY	0.6 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		20.2 A	11.7 A	11.3 A	11.2 A	8.8 A		A
POLE / rpm	2 P / 2890 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



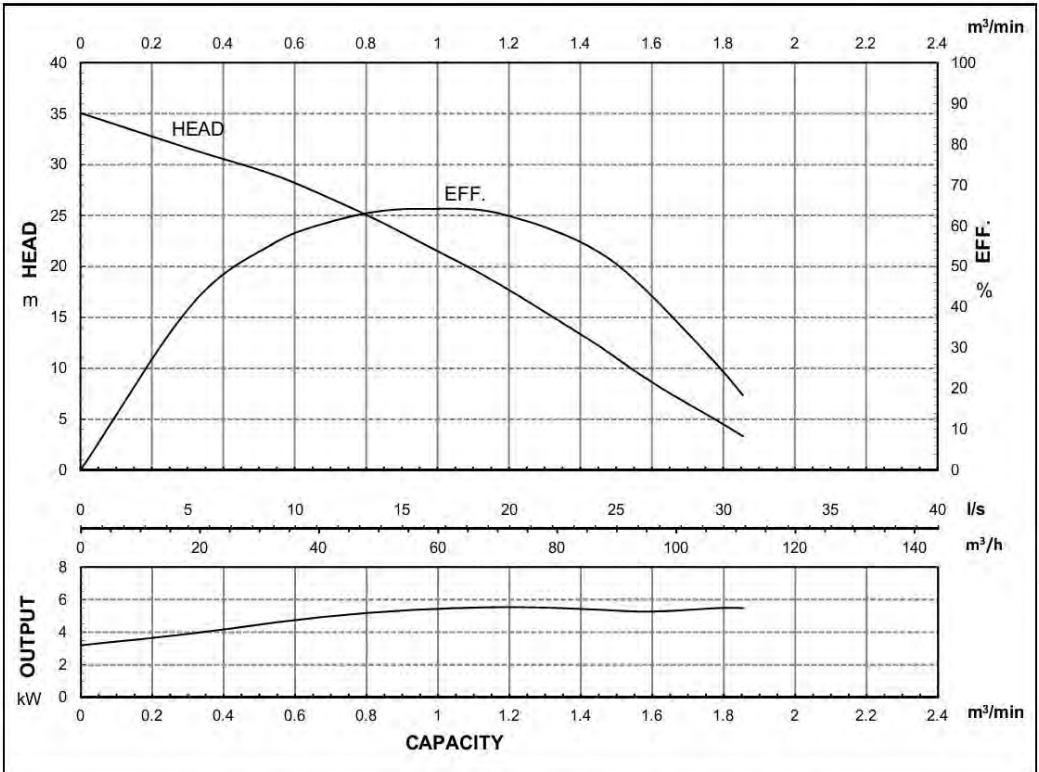
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO.PC-M-E5-80(100)AFP25.53

PUMP PERFORMANCE CURVES

MODEL	80(100)AFP25.5						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	4 inch / 100 mm							
OUTPUT	7.5 HP / 5.5 kW						HP	kW
HEAD	21.5 m							
CAPACITY	1 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		20.2 A	11.7 A	11.3 A	11.2 A	8.8 A		A
POLE / rpm	2 P / 2890 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



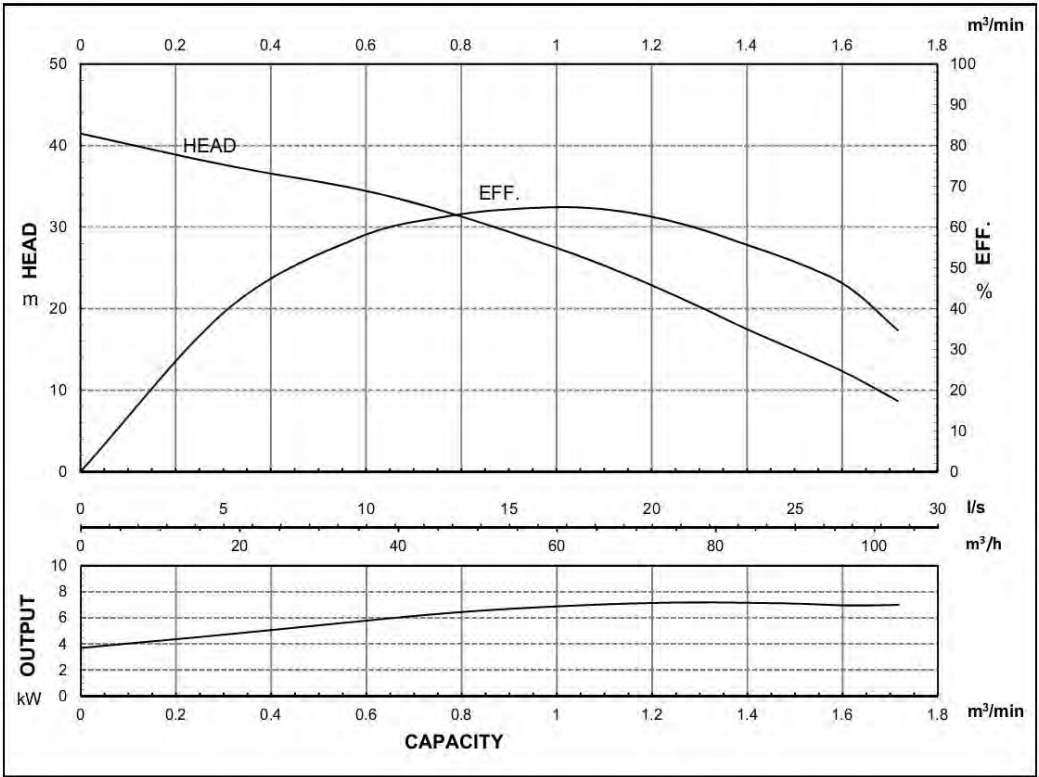
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO.PC-M-E5-80(100)AFP27.53

PUMP PERFORMANCE CURVES

MODEL	80(100)AFP27.5						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	10 HP / 7.5 kW						HP	kW
HEAD	34.5 m							
CAPACITY	0.6 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		26.0 A	15.3 A	14.5 A	14.4 A	11.4 A		A
POLE / rpm	2 P / 2900 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



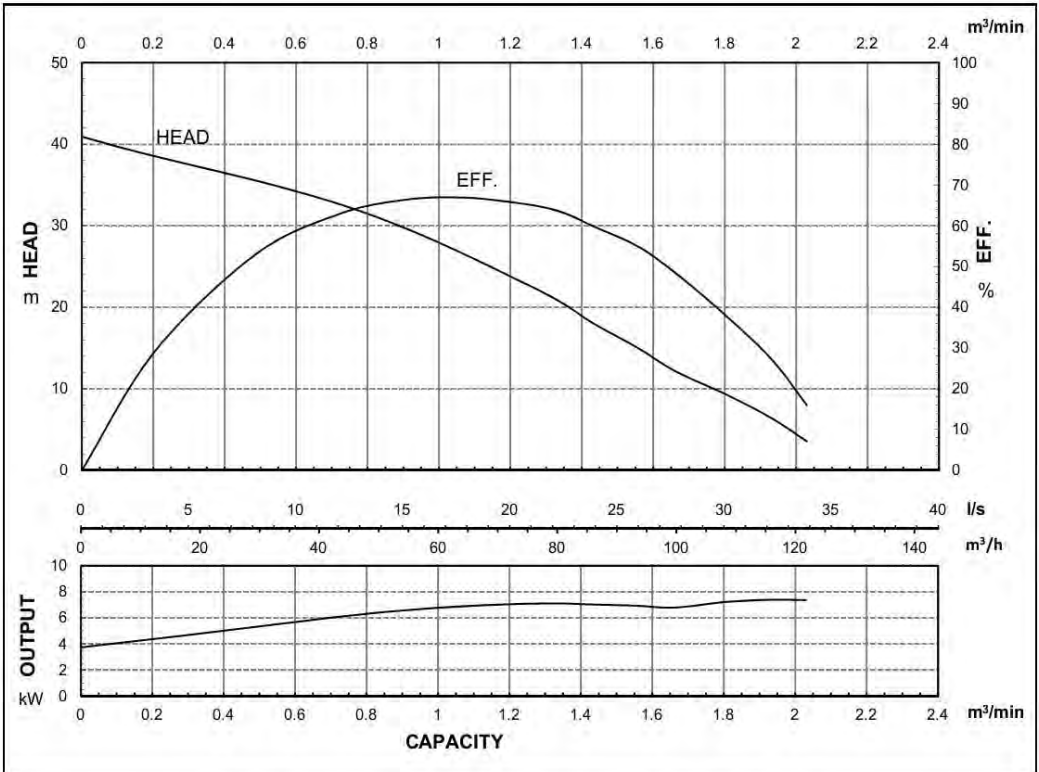
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO.PC-M-E5-80(100)AFP27.53

PUMP PERFORMANCE CURVES

MODEL	80(100)AFP27.5						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	4 inch / 100 mm							
OUTPUT	10 HP / 7.5 kW						HP	kW
HEAD	28 m							
CAPACITY	1 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		26.0 A	15.3 A	14.5 A	14.4 A	11.4 A		A
POLE / rpm	2 P / 2900 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



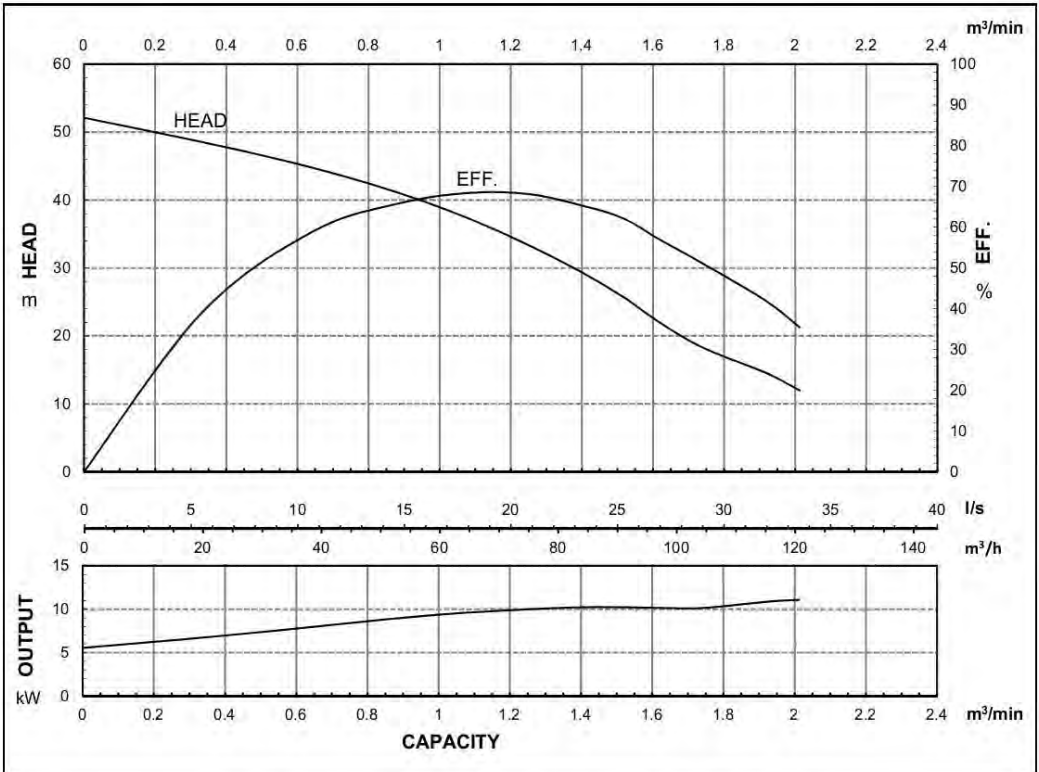
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO. PC-M-E5-80(100)AFP2113

PUMP PERFORMANCE CURVES

MODEL	80(100)AFP211						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	15 HP / 11 kW						HP	kW
HEAD	45 m							
CAPACITY	0.6 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		39.0 A	22.2 A	21.6 A	21.6 A	17.1 A		A
POLE / rpm	2 P / 2900 rpm							
START METHOD	STAR-DELTA							
INSULATION CLASS	F							
REMARK								



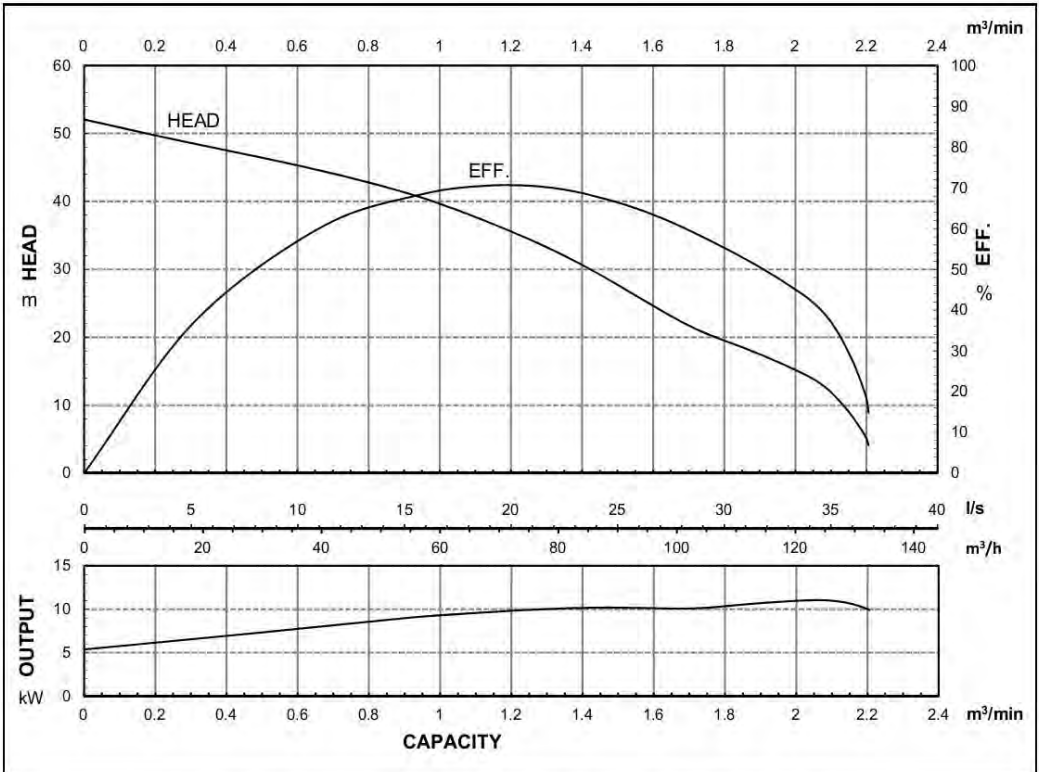
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO. PC-M-E5-80(100)AFP2113

PUMP PERFORMANCE CURVES

MODEL	80(100)AFP211						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	4 inch / 100 mm							
OUTPUT	15 HP / 11 kW						HP	kW
HEAD	39.5 m							
CAPACITY	1 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		39.0 A	22.2 A	21.6 A	21.6 A	17.1 A		A
POLE / rpm	2 P / 2900 rpm							
START METHOD	STAR-DELTA							
INSULATION CLASS	F							
REMARK								



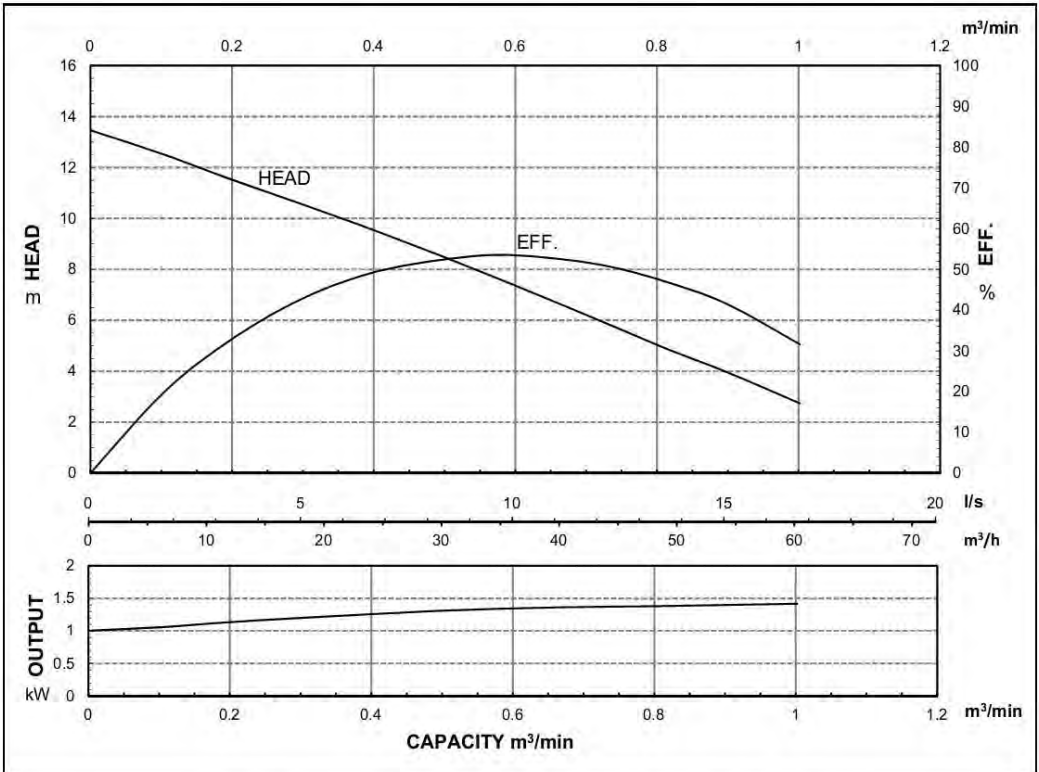
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-80AFP41.51

PUMP PERFORMANCE CURVES

MODEL	80AFP41.5							DATE:	
	STANDARD SPECIFICATION							REFERENCE SPECIFICATION	
FREQUENCY	50 Hz								
DISCHARGE	3 inch / 80 mm								
OUTPUT	2 HP / 1.5 kW							HP	kW
HEAD	8 m								
CAPACITY	0.5 m^3/min								
PHASE/VOLTAGE	1 Ø	220 V	230 V	240 V				Ø	V
RATED CURRENT		10.4 A	10.2 A	10.0 A					A
POLE / rpm	4 P / 1380 rpm								
START METHOD	CAPACITOR START								
INSULATION CLASS	B								
REMARK									



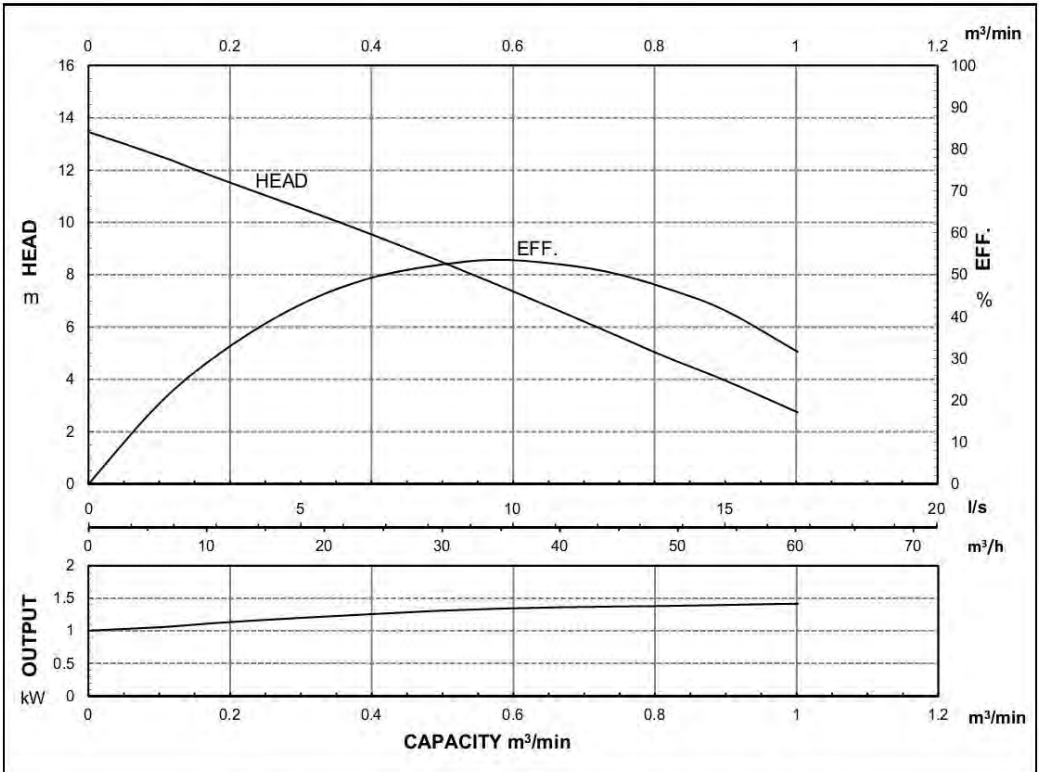
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-80AFP41.53

PUMP PERFORMANCE CURVES

MODEL	80AFP41.5						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	2 HP / 1.5 kW						HP	kW
HEAD	8 m							
CAPACITY	0.5 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		6.6 A	3.9 A	3.8 A	3.6 A	2.9 A		A
POLE / rpm	4 P / 1380 rpm							
START METHOD	DIRECT							
INSULATION CLASS	B							
REMARK								



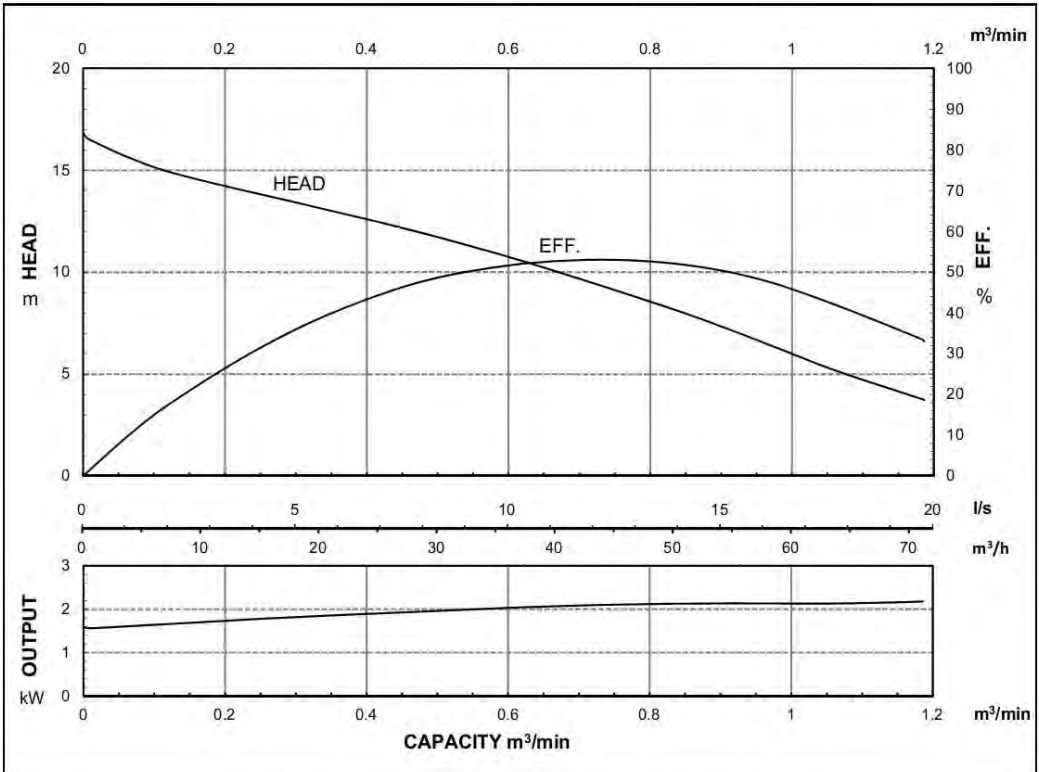
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-80AFP42.23

PUMP PERFORMANCE CURVES

MODEL	80AFP42.2						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	3 HP / 2.2 kW						HP	kW
HEAD	10 m							
CAPACITY	0.6 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		9.2 A	5.5 A	5.4 A	5.1 A	4.1 A		A
POLE / rpm	4 P / 1400 rpm							
START METHOD	DIRECT							
INSULATION CLASS	B							
REMARK								



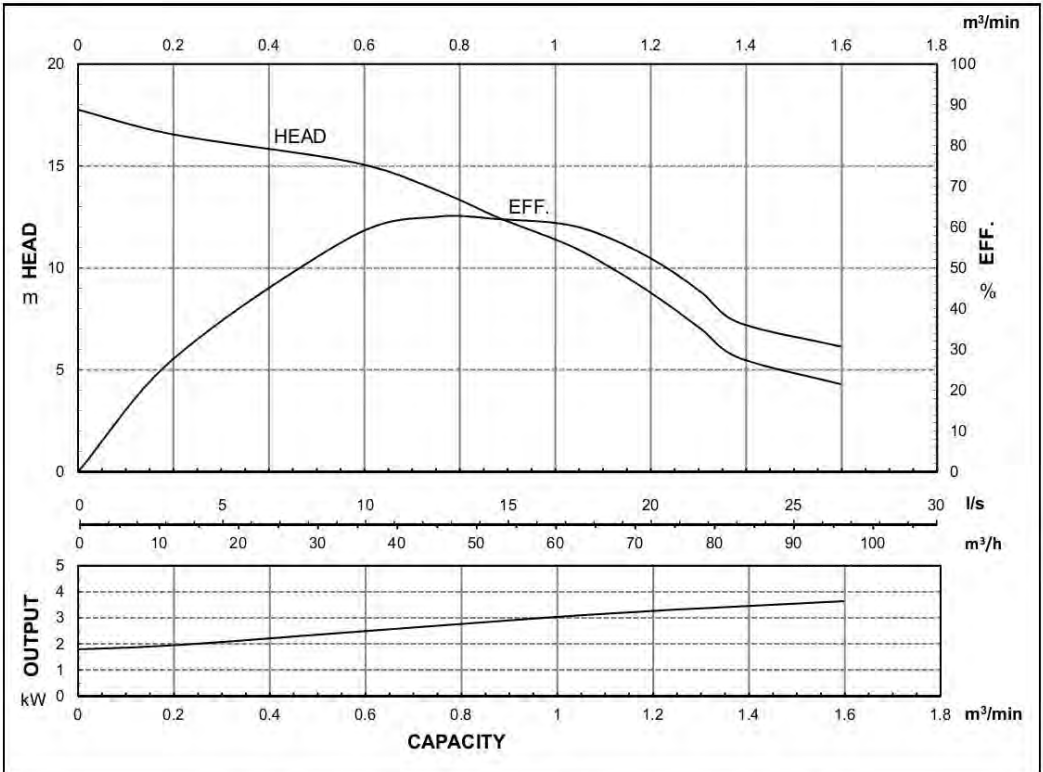
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO.PC-M-E5-80(100)AFP43.73

PUMP PERFORMANCE CURVES

MODEL	80(100)AFP43.7						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	5 HP / 3.7 kW						HP	kW
HEAD	14.5 m							
CAPACITY	0.6 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		15.2 A	8.8 A	8.8 A	8.4 A	6.7 A		A
POLE / rpm	4 P / 1400 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



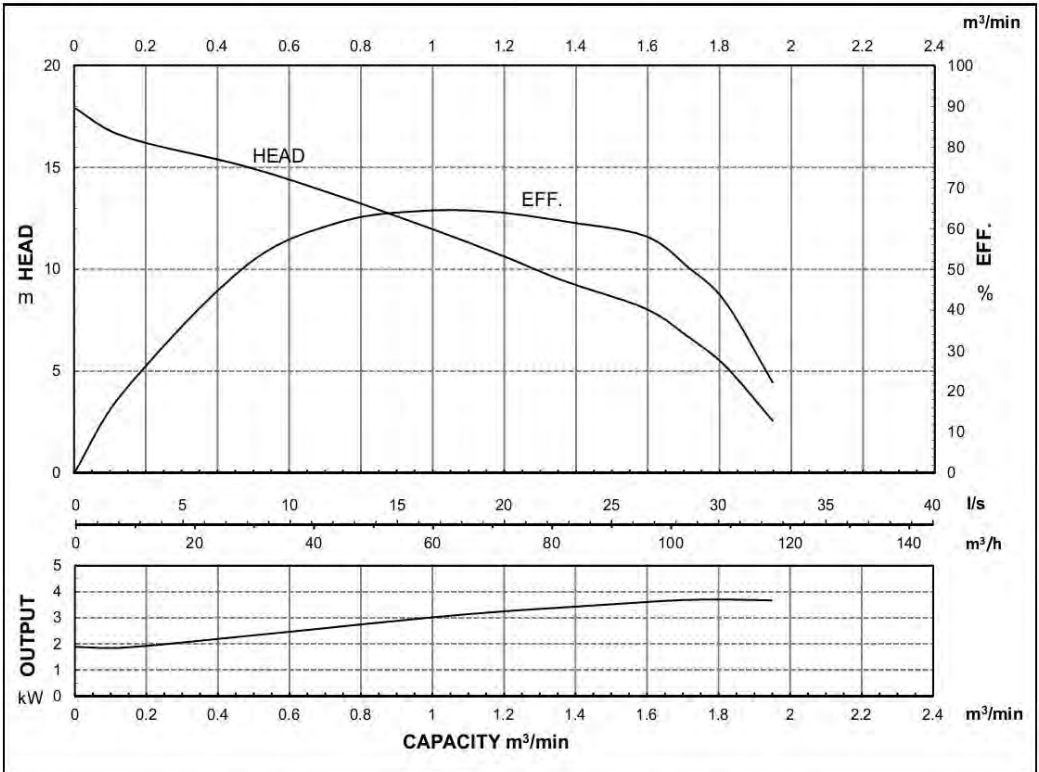
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO.PC-M-E5-80(100)AFP43.73

PUMP PERFORMANCE CURVES

MODEL	80(100)AFP43.7						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	4 inch / 100 mm							
OUTPUT	5 HP / 3.7 kW						HP	kW
HEAD	11.5 m							
CAPACITY	1 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		15.2 A	8.8 A	8.8 A	8.4 A	6.7 A		A
POLE / rpm	4 P / 1400 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



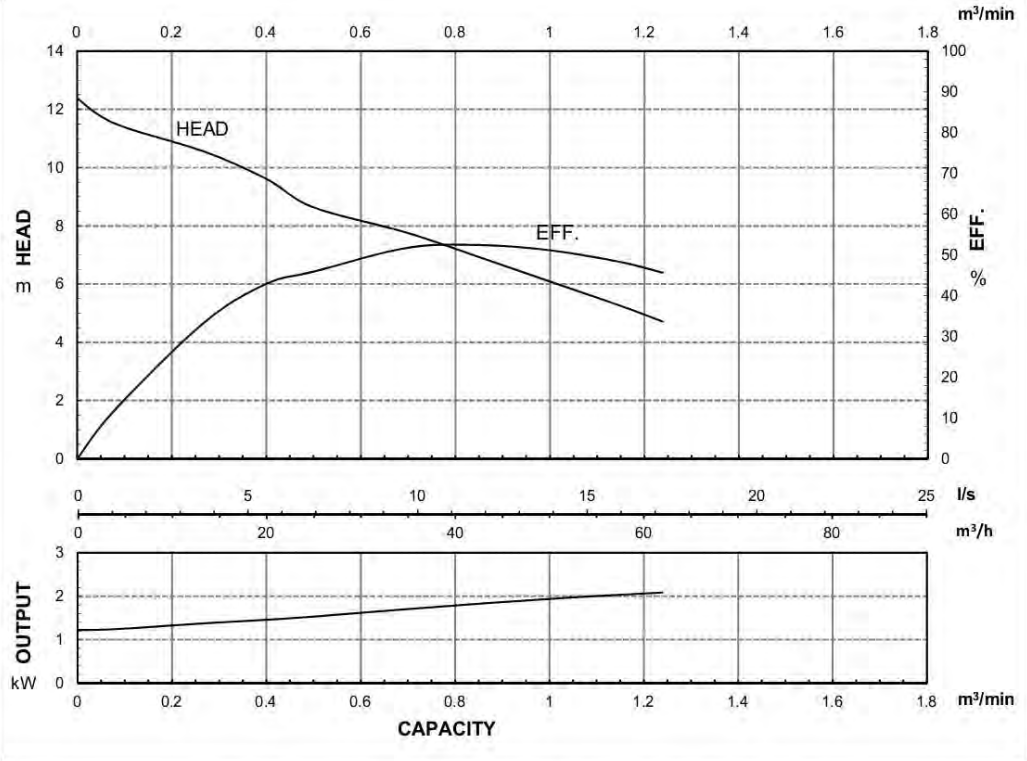
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO. PC-M-E5-80(100)AFE42.23

PUMP PERFORMANCE CURVES

MODEL	80(100)AFE42.2						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	3 HP / 2.2 kW						HP	kW
HEAD	7 m							
CAPACITY	0.8 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		9.2 A	5.5 A	5.4 A	5.1 A	4.1 A		A
POLE / rpm	4 P / 1400 rpm							
START METHOD	DIRECT							
INSULATION CLASS	B							
REMARK								



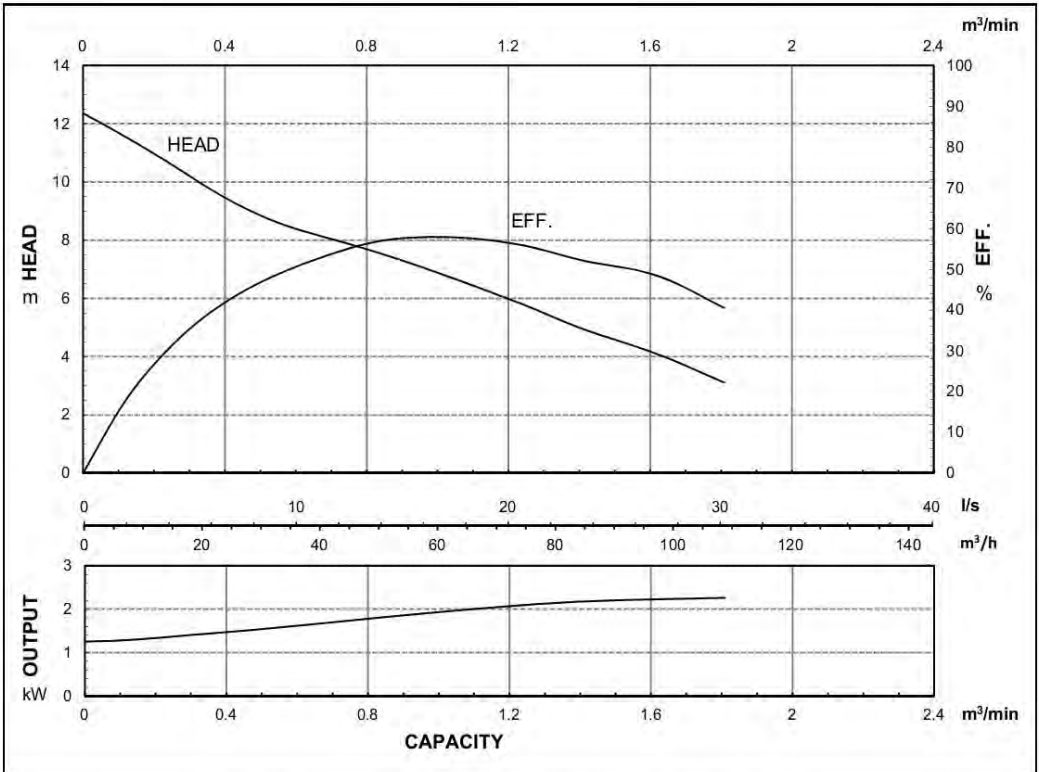
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO. PC-M-E5-80(100)AFE42.23

PUMP PERFORMANCE CURVES

MODEL	80(100)AFE42.2						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	4 inch / 100 mm							
OUTPUT	3 HP / 2.2 kW						HP	kW
HEAD	6.5 m							
CAPACITY	1 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		9.2 A	5.5 A	5.4 A	5.1 A	4.1 A		A
POLE / rpm	4 P / 1400 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



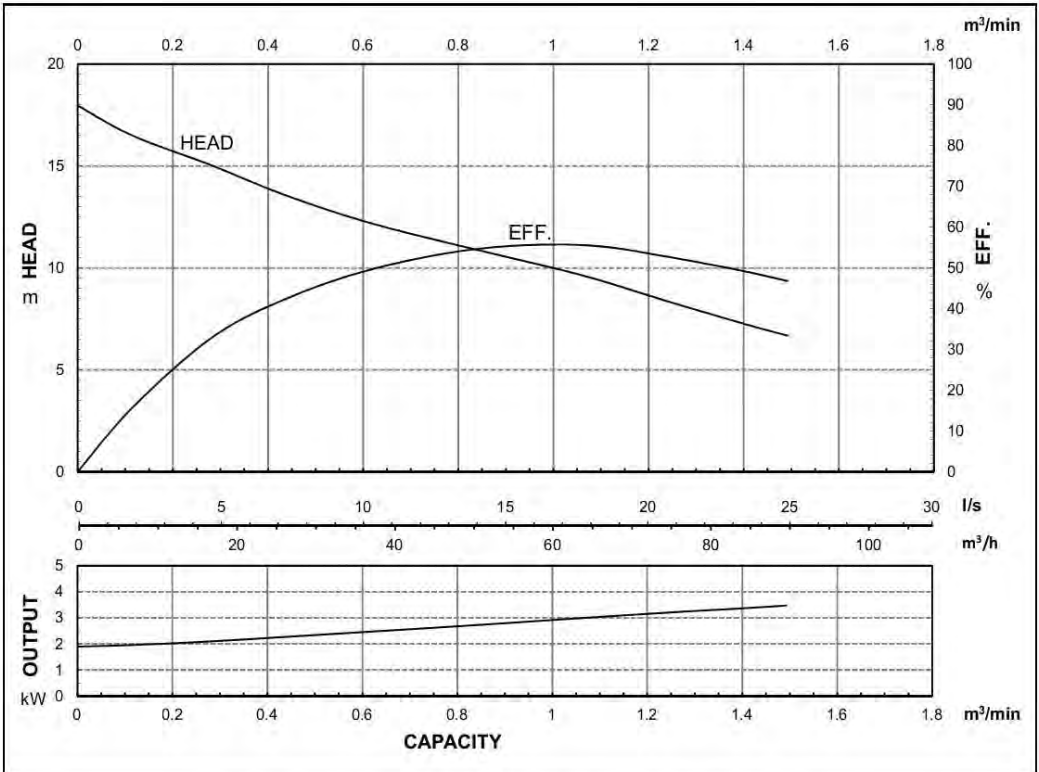
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO. PC-M-E5-80(100)AFE43.73

PUMP PERFORMANCE CURVES

MODEL	80(100)AFE43.7						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	3 inch / 80 mm							
OUTPUT	5 HP / 3.7 kW						HP	kW
HEAD	11 m							
CAPACITY	0.8 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		15.2 A	8.8 A	8.8 A	8.4 A	6.7 A		A
POLE / rpm	4 P / 1400 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



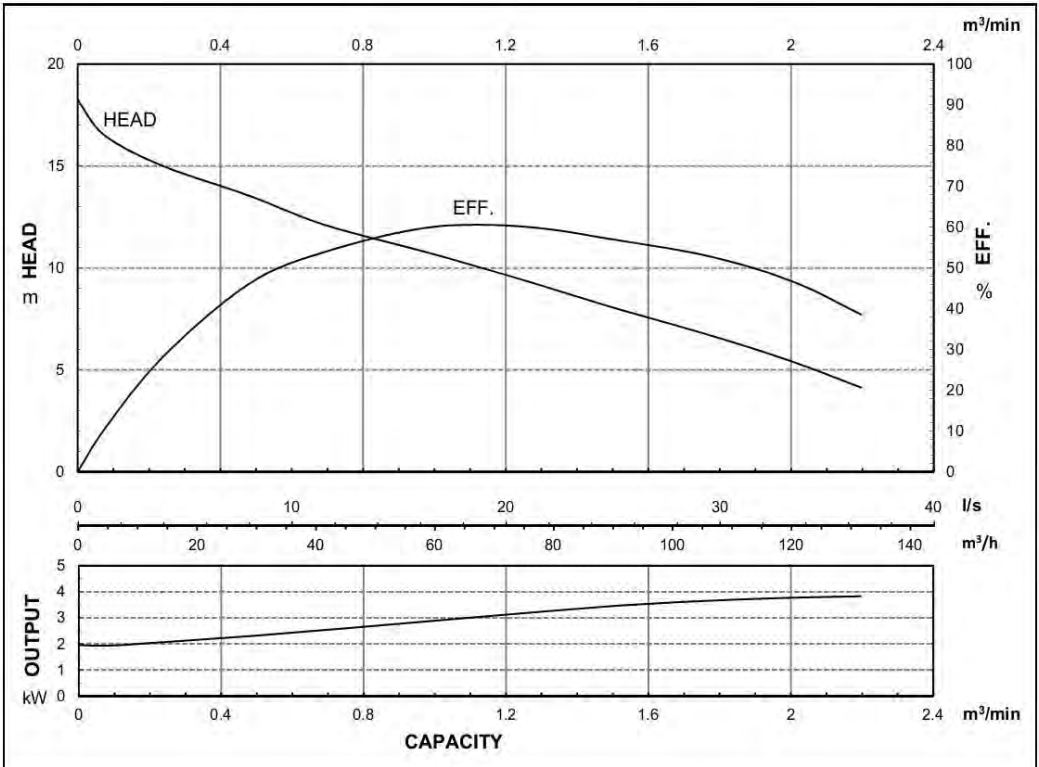
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO. PC-M-E5-80(100)AFE43.73

PUMP PERFORMANCE CURVES

MODEL	80(100)AFE43.7						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	4 inch / 100 mm							
OUTPUT	5 HP / 3.7 kW						HP	kW
HEAD	10.5 m							
CAPACITY	1 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		15.2 A	8.8 A	8.8 A	8.4 A	6.7 A		A
POLE / rpm	4 P / 1400 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



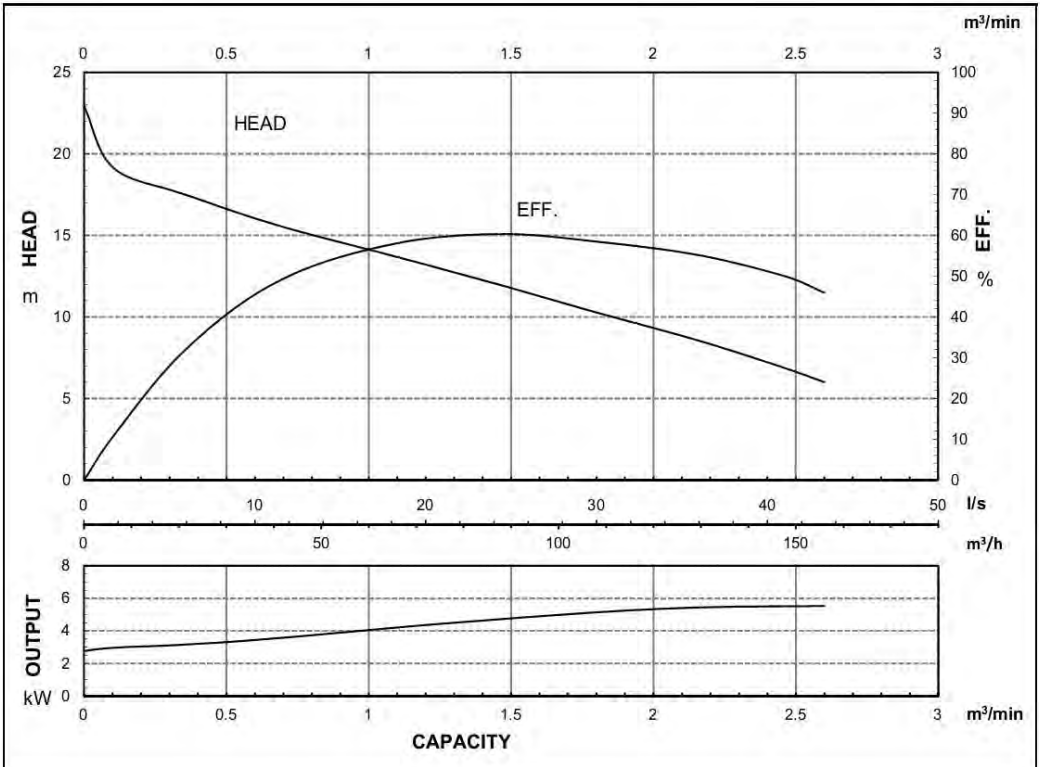
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-100(150)AFE45.53

PUMP PERFORMANCE CURVES

MODEL	100(150)AFE45.5						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	4 inch / 100 mm							
OUTPUT	7.5 HP / 5.5 kW						HP	kW
HEAD	14 m							
CAPACITY	1 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		22.2 A	12.6 A	12.3 A	12.3 A	9.8 A		A
POLE / rpm	4 P / 1440 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



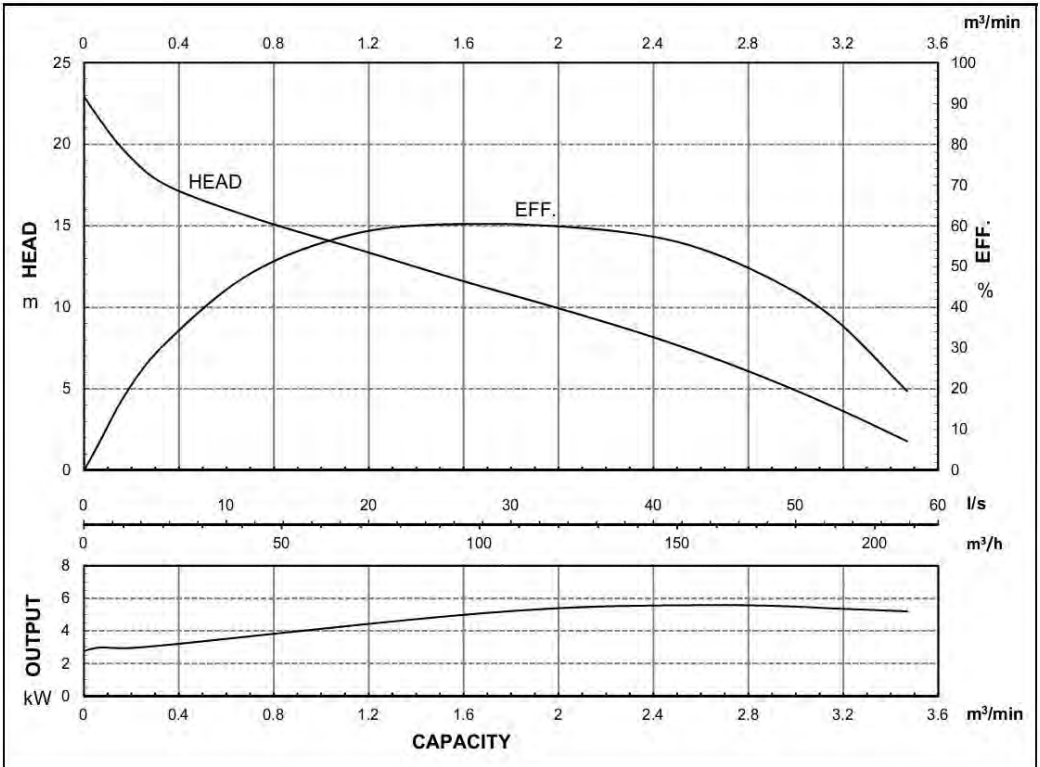
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-100(150)AFE45.53

PUMP PERFORMANCE CURVES

MODEL	100(150)AFE45.5						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	6 inch / 150 mm							
OUTPUT	7.5 HP / 5.5 kW						HP	kW
HEAD	14 m							
CAPACITY	1 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		22.2 A	12.6 A	12.3 A	12.3 A	9.8 A		A
POLE / rpm	4 P / 1440 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



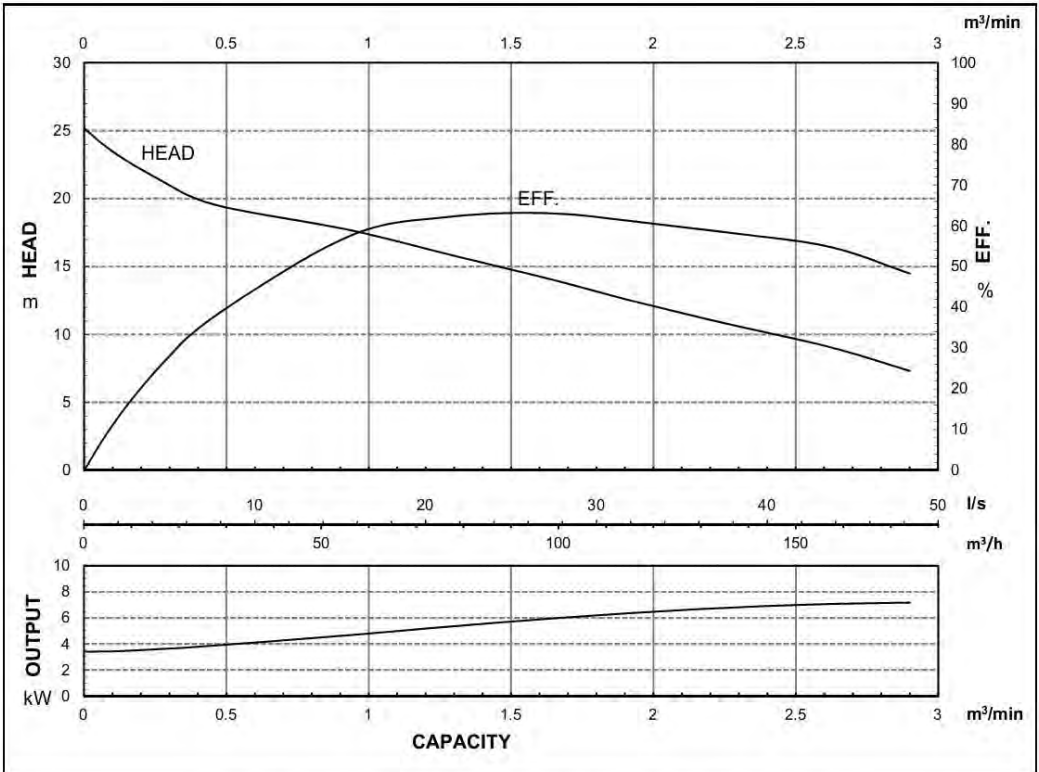
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-100(150)AFE47.53

PUMP PERFORMANCE CURVES

MODEL	100(150)AFE47.5						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	4 inch / 100 mm							
OUTPUT	10 HP / 7.5 kW						HP	kW
HEAD	17 m							
CAPACITY	1 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		22.2 A	16.3 A	16.0 A	16.0 A	12.6 A		A
POLE / rpm	4 P / 1450 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



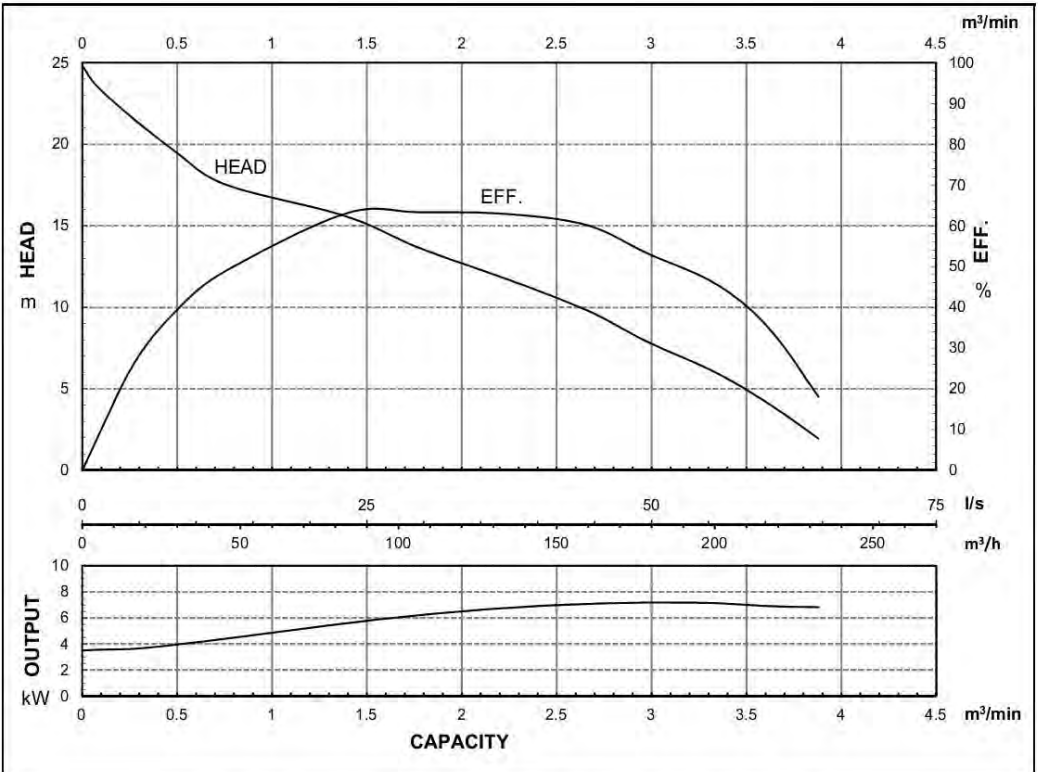
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-100(150)AFE47.53

PUMP PERFORMANCE CURVES

MODEL	100(150)AFE47.5						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	6 inch / 150 mm							
OUTPUT	10 HP / 7.5 kW						HP	kW
HEAD	17 m							
CAPACITY	1 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		22.2 A	16.3 A	16.0 A	16.0 A	12.6 A		A
POLE / rpm	4 P / 1450 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



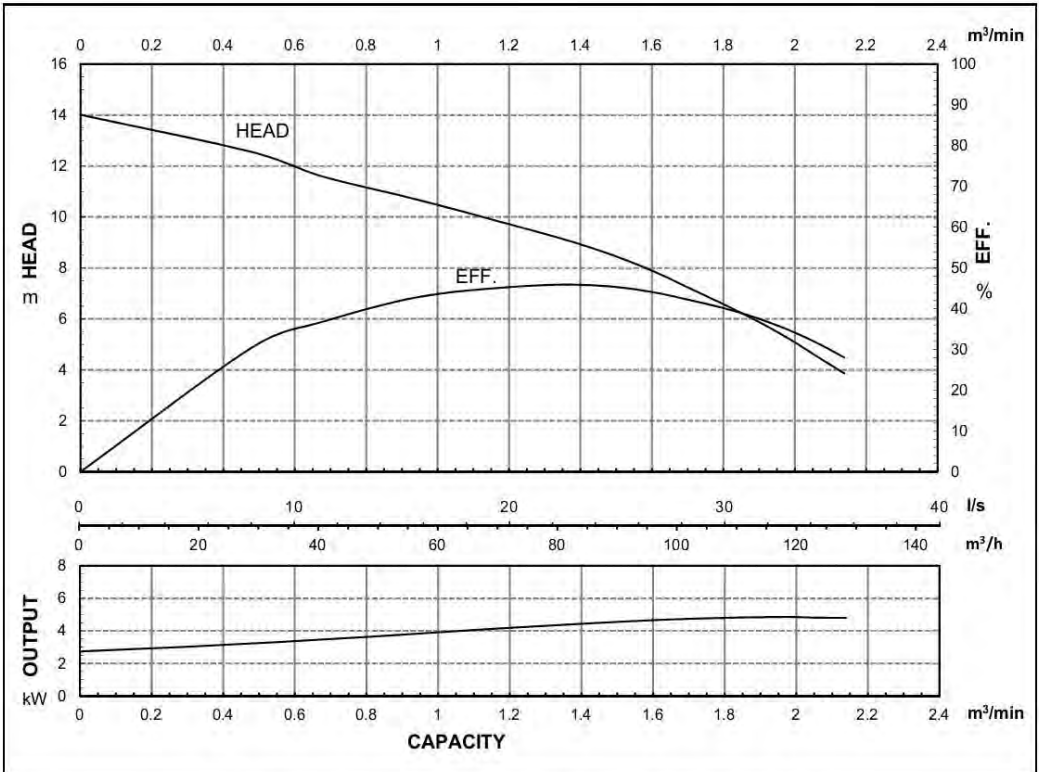
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-AF55AU3

PUMP PERFORMANCE CURVES

MODEL	AF-55AU						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	4 inch / 100 mm							
OUTPUT	7.5 HP / 5.5 kW						HP	kW
HEAD	10.5 m							
CAPACITY	1 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		21.8 A	12.7 A	12.6 A	12.0 A	9.6 A		A
POLE / rpm	4 P / 1430 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



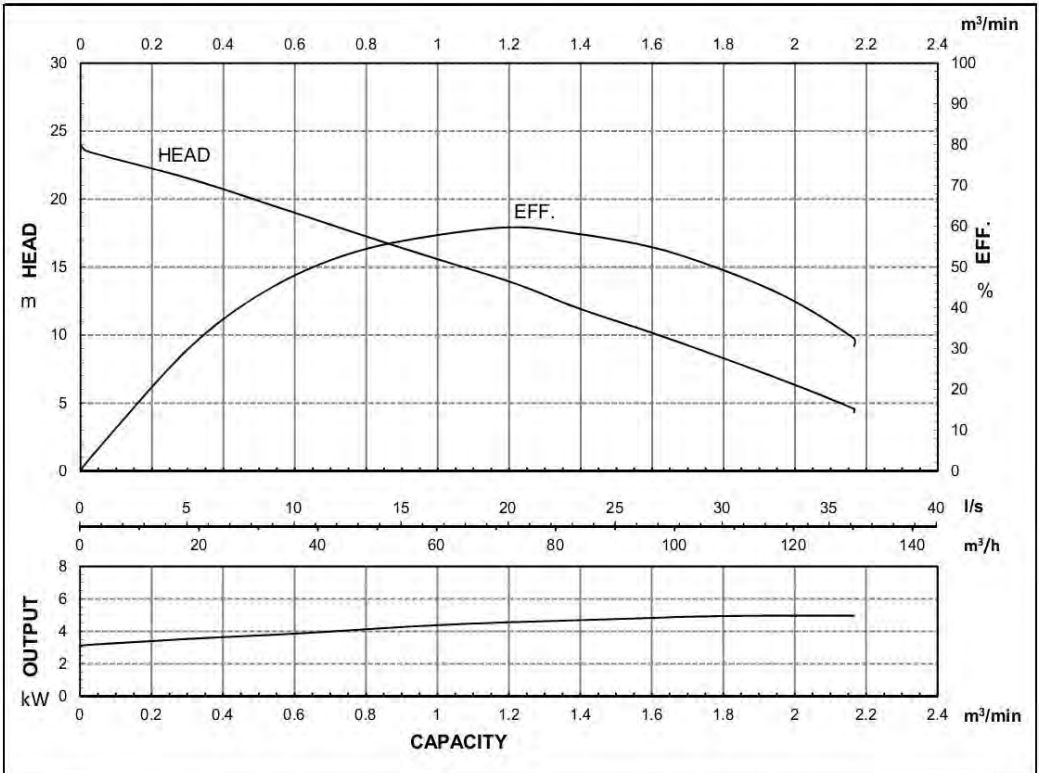
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-AF55AE3

PUMP PERFORMANCE CURVES

MODEL	AF-55AE						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	4 inch / 100 mm							
OUTPUT	7.5 HP / 5.5 kW						HP	kW
HEAD	16 m							
CAPACITY	1 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		21.8 A	12.7 A	12.6 A	12.0 A	9.6 A		A
POLE / rpm	4 P / 1430 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



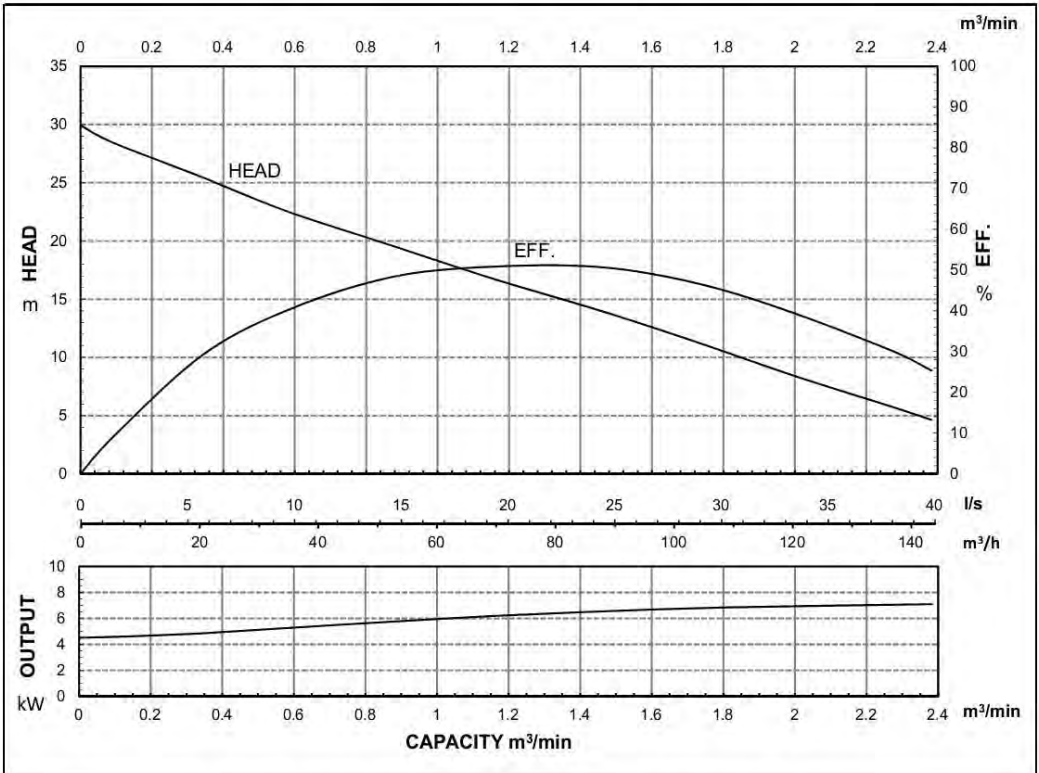
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-AF75E3

PUMP PERFORMANCE CURVES

MODEL	AF-75E						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	4 inch / 100 mm							
OUTPUT	10 HP / 7.5 kW						HP	kW
HEAD	18 m							
CAPACITY	1 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		27.6 A	16.2 A	16.0 A	15.2 A	12.2 A		A
POLE / rpm	4 P / 1440 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



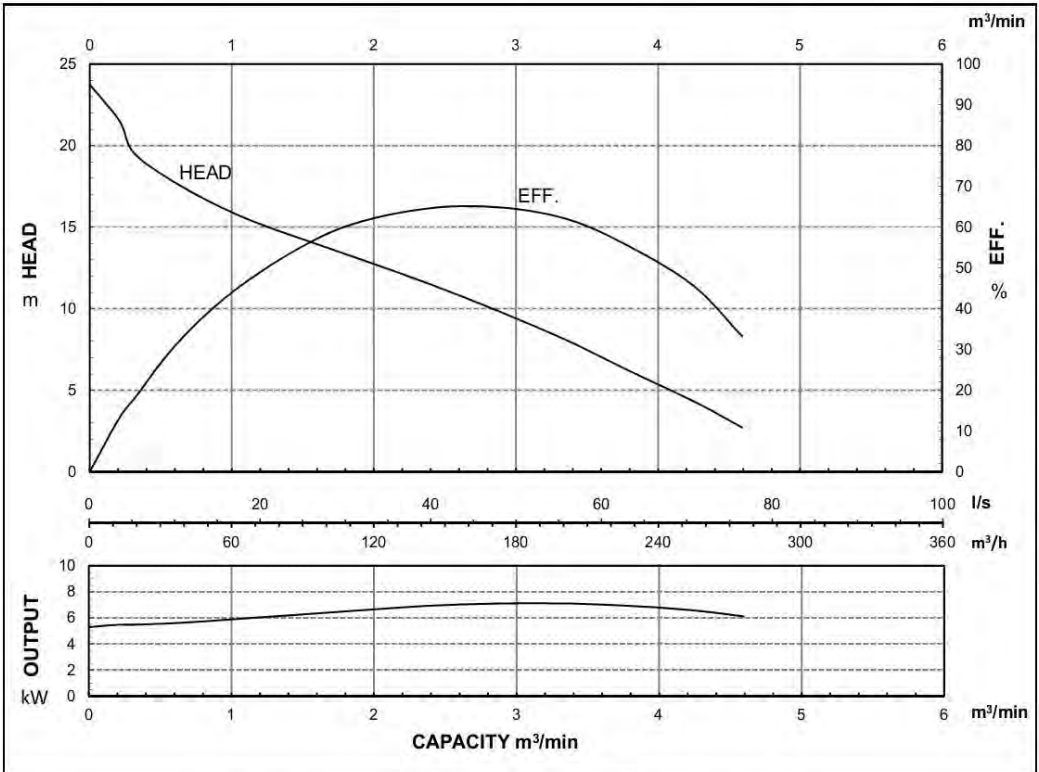
HCP PUMP MANUFACTURER CO.,LTD.

HCP PUMP

FILE NO PC-M-E5-AF6103

PUMP PERFORMANCE CURVES

MODEL	AF-610						DATE:	
	STANDARD SPECIFICATION						REFERENCE SPECIFICATION	
FREQUENCY	50 Hz							
DISCHARGE	6 inch / 150 mm							
OUTPUT	10 HP / 7.5 kW						HP	kW
HEAD	11 m							
CAPACITY	2.5 m^3/min							
PHASE/VOLTAGE	3 Ø	230 V	380 V	400 V	415 V	525 V	Ø	V
RATED CURRENT		27.6 A	16.2 A	16.0 A	15.2 A	12.2 A		A
POLE / rpm	4 P / 1440 rpm							
START METHOD	DIRECT							
INSULATION CLASS	F							
REMARK								



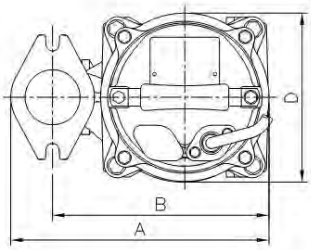
HCP PUMP MANUFACTURER CO.,LTD.

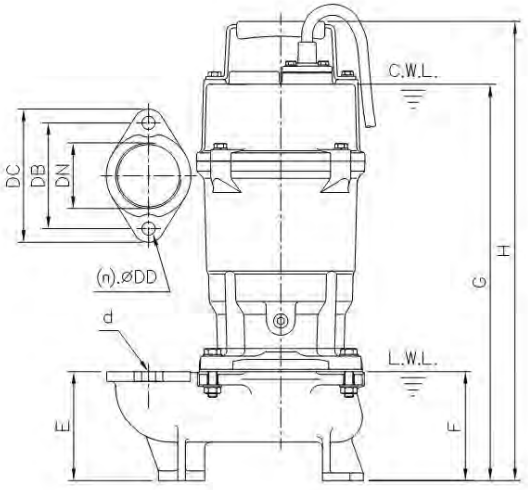
DIMENSIONS

No: S2AFU208030-00

MODEL: 50AFU2.4 & 50AFU2.8

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:Lbs

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	6 1/16	3/8	3 15/16	14 3/16	16 7/16	42	EF2-96	2	3¾	4¾	½	2	1
50AFU2.4 3Ø	2"	9¼	7¾	6 1/16	3/8	3 15/16	14 3/16	16 7/16	40	EF2-96	2	3¾	4¾	½	2	1
50AFU2.8 1Ø	2"	9¼	7¾	6 1/16	3/8	3 15/16	14 3/16	16 7/16	44	EF2-96	2	3¾	4¾	½	2	1
50AFU2.8 3Ø	2"	9¼	7¾	6 1/16	3/8	3 15/16	14 3/16	16 7/16	42	EF2-96	2	3¾	4¾	½	2	1

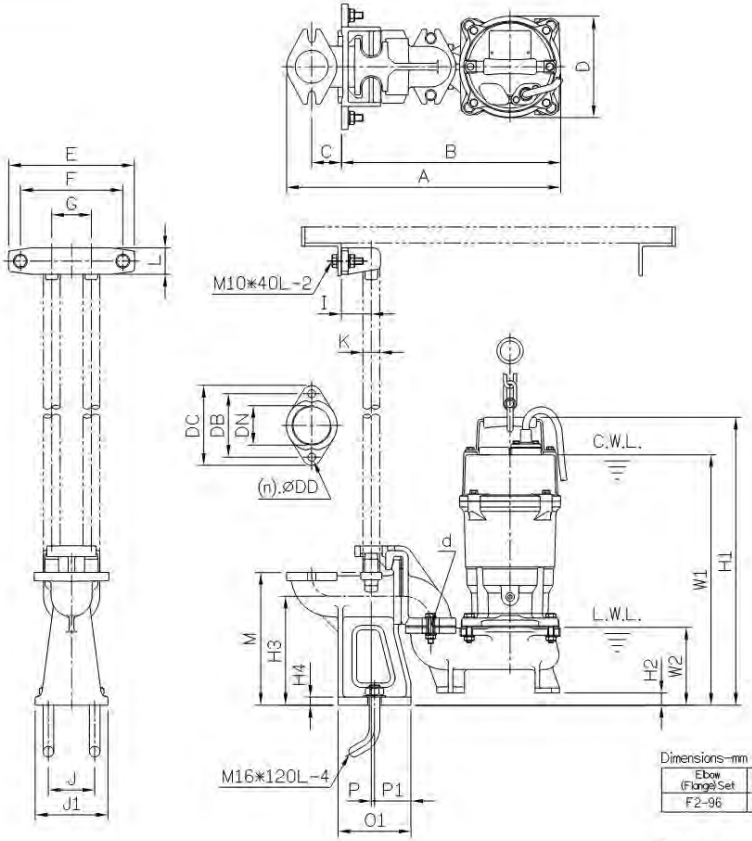
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

No: S2AFU20803T-00

MODEL: 50AFU2.4 & 50AFU2.8

1Ø & 3Ø



Flange

Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F2-96	50	96	121	12	2

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F2-96	2	3¾	4¾	½	2

Dimensions-mm

Weight:Kg

Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	GRS Set	WT2
50AFU2.4 1Ø	50	415	332	45	154	190	155	60	45	70	110	¾"	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	¾"	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	¾"	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	¾"	40	201	110	5	55	379	119	436	19	165	13	19	T2-50	9

Dimensions-inch

Weight:Lbs

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 1/16	1¾	6 1/16	7½	6 1/8	2 3/8	1¾	2 3/4	4 5/16	¾	1 9/16	7 15/16	4 5/16	3/16	2 3/16	14 15/16	4 11/16	17 3/16	¾	6½	½	42	T2-50	19
50AFU2.4 3Ø	2	16 5/16	13 1/16	1¾	6 1/16	7½	6 1/8	2 3/8	1¾	2 3/4	4 5/16	¾	1 9/16	7 15/16	4 5/16	3/16	2 3/16	14 15/16	4 11/16	17 3/16	¾	6½	½	40	T2-50	19
50AFU2.8 1Ø	2	16 5/16	13 1/16	1¾	6 1/16	7½	6 1/8	2 3/8	1¾	2 3/4	4 5/16	¾	1 9/16	7 15/16	4 5/16	3/16	2 3/16	14 15/16	4 11/16	17 3/16	¾	6½	½	44	T2-50	19
50AFU2.8 3Ø	2	16 5/16	13 1/16	1¾	6 1/16	7½	6 1/8	2 3/8	1¾	2 3/4	4 5/16	¾	1 9/16	7 15/16	4 5/16	3/16	2 3/16	14 15/16	4 11/16	17 3/16	¾	6½	½	42	T2-50	19

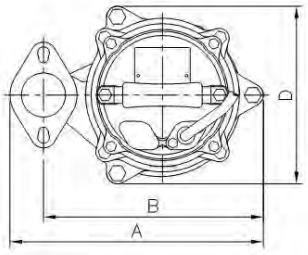
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

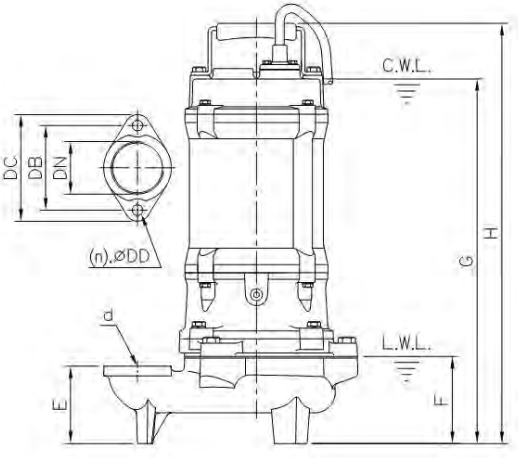
DIMENSIONS

No: S2AFU215030-00

MODEL: 50AFU21.5

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

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 5/16	9 13/16	7 15/16	3 7/16	3 15/16	18 7/16	20 15/16	73	EF2-96	2	3 3/4	4 3/4	1/2	2	1
50AFU21.5 3Ø	2	11 5/16	9 13/16	7 15/16	3 7/16	3 15/16	16 5/16	18 3/4	64	EF2-96	2	3 3/4	4 3/4	1/2	2	1

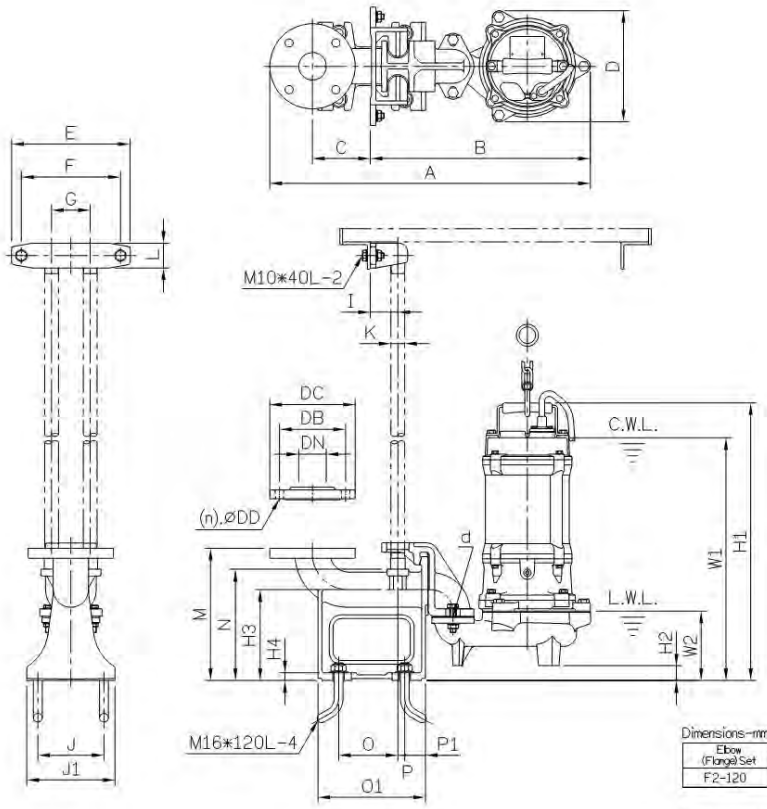
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

No: S2AFU21503T-00

MODEL: 50AFU21.5

1Ø & 3Ø



Flange

Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F2-120	50	120	155	15	4

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F2-120	2	4 3/4	6 1/8	9/16	4

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
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 — 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
50AFU21.5 1Ø	2	22 5/16	15 3/4	4 1/8	7 15/16	8 7/16	7 1/16	2 3/4	1 15/16	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	19 1/2	5	22	1 1/16	6 1/2	3/16	73	T50E	38
50AFU21.5 3Ø	2	22 5/16	15 3/4	4 1/8	7 15/16	8 7/16	7 1/16	2 3/4	1 15/16	4 3/4	6 5/16	1	1 3/4	9 7/16	7 15/16	4 1/4	7 15/16	1/2	1 1/2	17 3/8	5	19 13/16	1 1/16	6 1/2	3/16	64	T50E	38

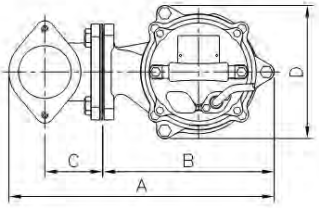
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level
WT1:Pump weight(Without Cable)
WT2:GRS set weight

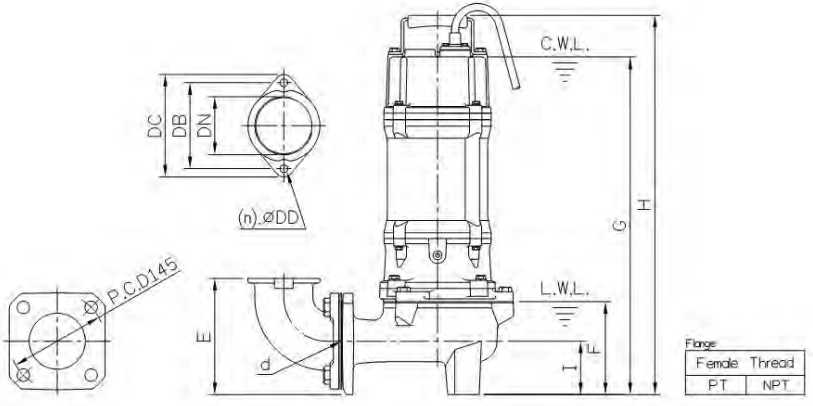
DIMENSIONS

No: S3AFU222010-00

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

1Ø





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	80	397	260	83	202	171	140	511	574	81	35	EB3-130	80	130	155	12	2	5
80AFU22.2	80	397	260	83	202	171	140	538	601	81	38	EB3-130	80	130	155	12	2	5
80AFU21.5L	80	402	265	83	221	210	190	563	626	120	38	EB3-130	80	130	155	12	2	5
80AFU22.2L	80	402	265	83	221	210	190	590	653	120	40	EB3-130	80	130	155	12	2	5

Dimensions–inch

Weight:Lbs

Model	d	A	B	C	D	E	F	G	H	I	WT1	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80AFU21.5	3	15⅝	10¼	3¼	7 15/16	6¾	5½	20⅛	22 5/8	3 3/16	77	EB3-130	3	5⅛	6⅛	½	2	11
80AFU22.2	3	15⅝	10¼	3¼	7 15/16	6¾	5½	21 3/16	23 11/16	3 3/16	84	EB3-130	3	5⅛	6⅛	½	2	11
80AFU21.5L	3	15 13/16	10⅜	3¼	8 11/16	8¼	7½	22 3/16	24⅝	4¾	84	EB3-130	3	5⅛	6⅛	½	2	11
80AFU22.2L	3	15 13/16	10⅜	3¼	8 11/16	8¼	7½	23¼	25 11/16	4¾	88	EB3-130	3	5⅛	6⅛	½	2	11

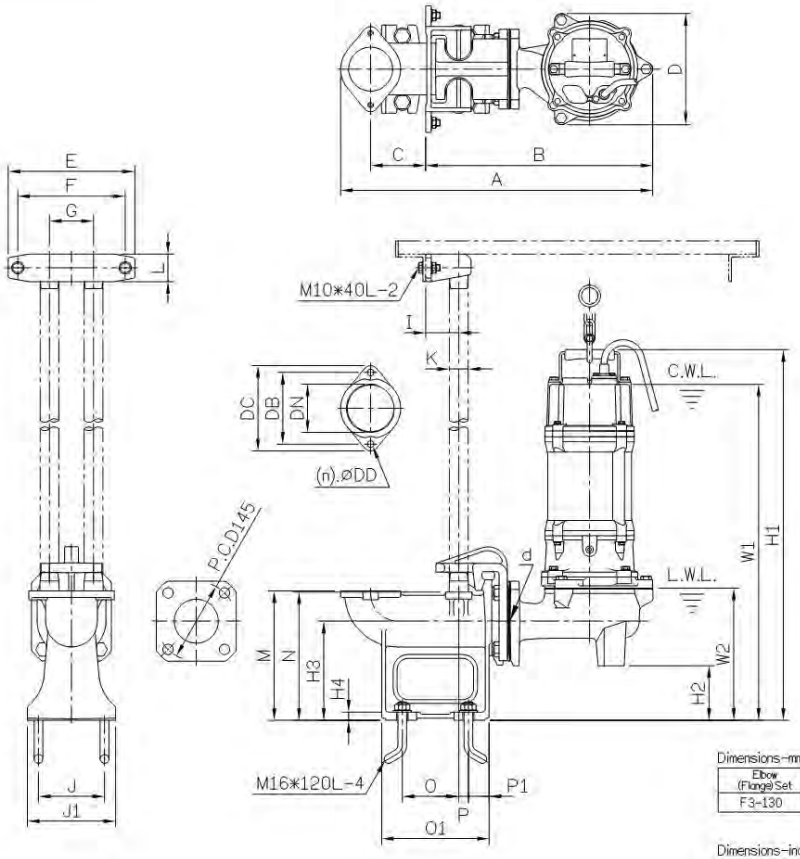
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No:S3AFU22201T-00

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

1Ø



Flange

Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-130	80	130	155	12	2

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-130	3	5 1/8	6 1/8	1/2	2

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
80AFU21.5	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	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	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	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

Dimensions-inch

Weight:Lbs

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
80AFU21.5	3	22 5/16	16 1/4	3 15/16	7 15/16	9 1/16	7 11/16	3 1/8	2 3/8	4 3/4	6 5/16	1 1/4	2	9 1/4	9 3/16	4 1/16	7 11/16	11/16	1 1/2	24	9 7/16	26 1/2	3 3/8	7 1/16	5/16	77	T2-80	43
80AFU22.2	3	22 5/16	16 1/4	3 15/16	7 15/16	9 1/16	7 11/16	3 1/8	2 3/8	4 3/4	6 5/16	1 1/4	2	9 1/4	9 3/16	4 1/16	7 11/16	11/16	1 1/2	25 1/16	9 7/16	27 1/16	3 3/8	7 1/16	5/16	84	T2-80	43
80AFU21.5L	3	22 1/2	16 3/16	3 15/16	8 1/16	9 1/16	7 11/16	3 1/8	2 3/8	4 3/4	6 5/16	1 1/4	2	9 3/4	9 3/16	4 1/16	7 11/16	11/16	1 1/2	24 1/2	9 13/16	27	3 3/8	7 1/16	5/16	84	T2-80	43
80AFU22.2L	3	22 1/2	16 3/16	3 15/16	8 1/16	9 1/16	7 11/16	3 1/8	2 3/8	4 3/4	6 5/16	1 1/4	2	9 1/4	9 3/16	4 1/16	7 11/16	11/16	1 1/2	25 1/16	9 13/16	28 1/16	3 3/8	7 1/16	5/16	88	T2-80	43

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

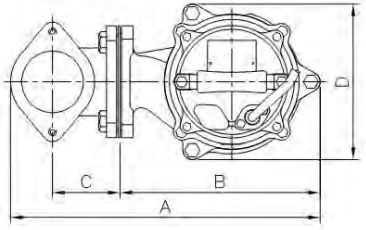
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

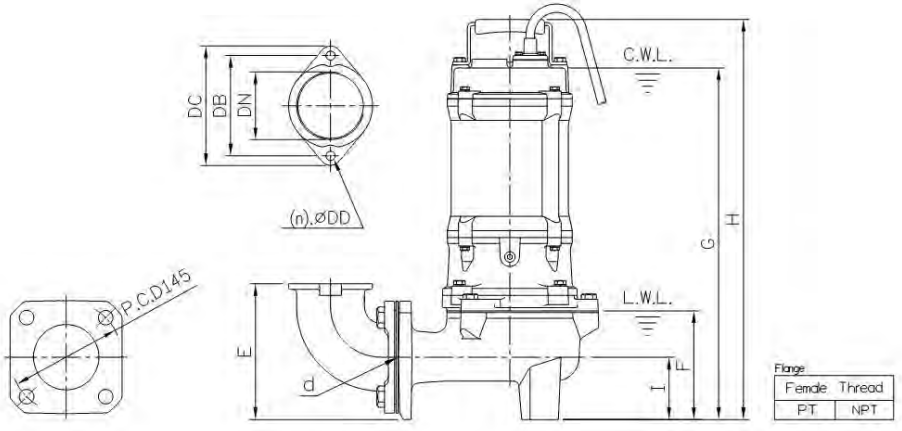
DIMENSIONS

No: S3AFU222030-00

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

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	80	397	260	83	202	171	140	456	519	81	32	EB3-130	80	130	155	12	2	5
80AFU22.2	80	397	260	83	202	171	140	456	519	81	34	EB3-130	80	130	155	12	2	5
80AFU21.5L	80	402	265	83	221	210	190	508	571	120	34	EB3-130	80	130	155	12	2	5
80AFU22.2L	80	402	265	83	221	210	190	508	571	120	36	EB3-130	80	130	155	12	2	5

Dimensions–inch

Weight:Lbs

Model	d	A	B	C	D	E	F	G	H	I	WT1	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80AFU21.5	3	15⅝	10¼	3¼	7 15/16	6¾	5½	17 15/16	20 7/16	3 3/16	71	EB3-130	3	5⅛	6⅛	½	2	11
80AFU22.2	3	15⅝	10¼	3¼	7 15/16	6¾	5½	17 15/16	20 7/16	3 3/16	75	EB3-130	3	5⅛	6⅛	½	2	11
80AFU21.5L	3	15 13/16	10 7/16	3¼	8 11/16	8¼	7½	20	22½	4¾	75	EB3-130	3	5⅛	6⅛	½	2	11
80AFU22.2L	3	15 13/16	10 7/16	3¼	8 11/16	8¼	7½	20	22½	4¾	79	EB3-130	3	5⅛	6⅛	½	2	11

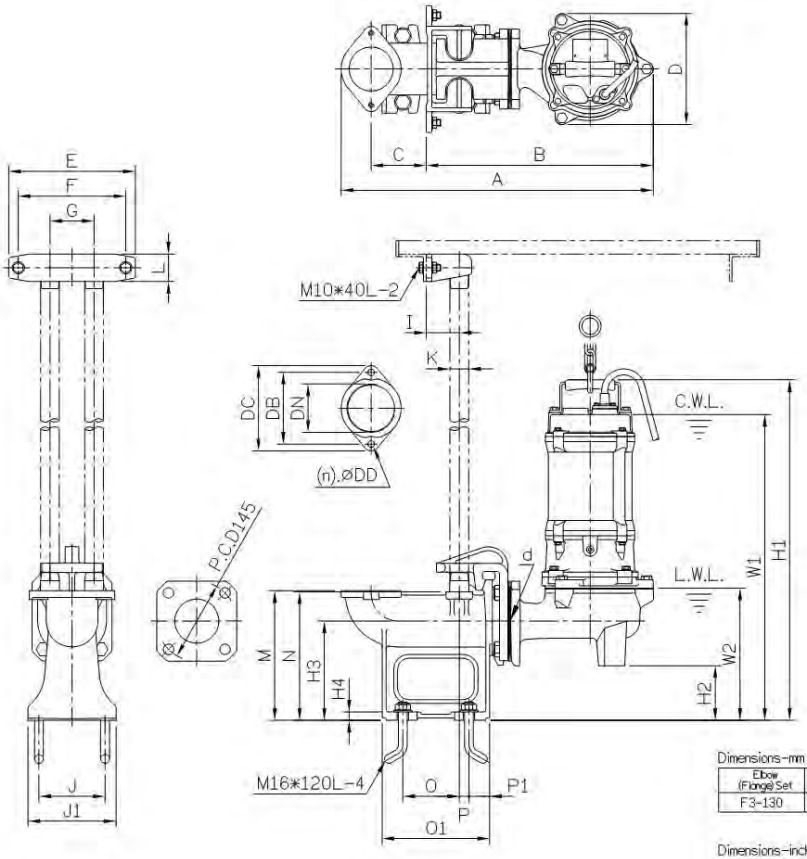
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

No:S3AFU22203T-00

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

3Ø



Flange

Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-130	80	130	155	12	2

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-130	3	5 1/8	6 1/8	1/2	2

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
80AFU21.5	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	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	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	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

Weight:Lbs

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
80AFU21.5	3	22 5/8	16 1/4	3 15/16	7 15/16	9 1/16	7 11/16	3 1/16	2 3/8	4 3/4	6 5/16	1 1/4	2	9 1/4	9 3/16	4 1/16	7 11/16	11/16	1 1/2	21 7/8	9 7/16	24 5/16	3 3/8	7 1/16	9/16	71	T2-80	43
80AFU22.2	3	22 5/8	16 1/4	3 15/16	7 15/16	9 1/16	7 11/16	3 1/16	2 3/8	4 3/4	6 5/16	1 1/4	2	9 1/4	9 3/16	4 1/16	7 11/16	11/16	1 1/2	21 7/8	9 7/16	24 5/16	3 3/8	7 1/16	9/16	75	T2-80	43
80AFU21.5L	3	22 1/2	16 3/16	3 15/16	8 1/16	9 1/16	7 11/16	3 1/16	2 3/8	4 3/4	6 5/16	1 1/4	2	9 1/4	9 3/16	4 1/16	7 11/16	11/16	1 1/2	22 3/8	9 13/16	24 13/16	2 3/8	7 1/16	9/16	75	T2-80	43
80AFU22.2L	3	22 1/2	16 3/16	3 15/16	8 1/16	9 1/16	7 11/16	3 1/16	2 3/8	4 3/4	6 5/16	1 1/4	2	9 1/4	9 3/16	4 1/16	7 11/16	11/16	1 1/2	22 3/8	9 13/16	24 13/16	2 3/8	7 1/16	9/16	79	T2-80	43

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

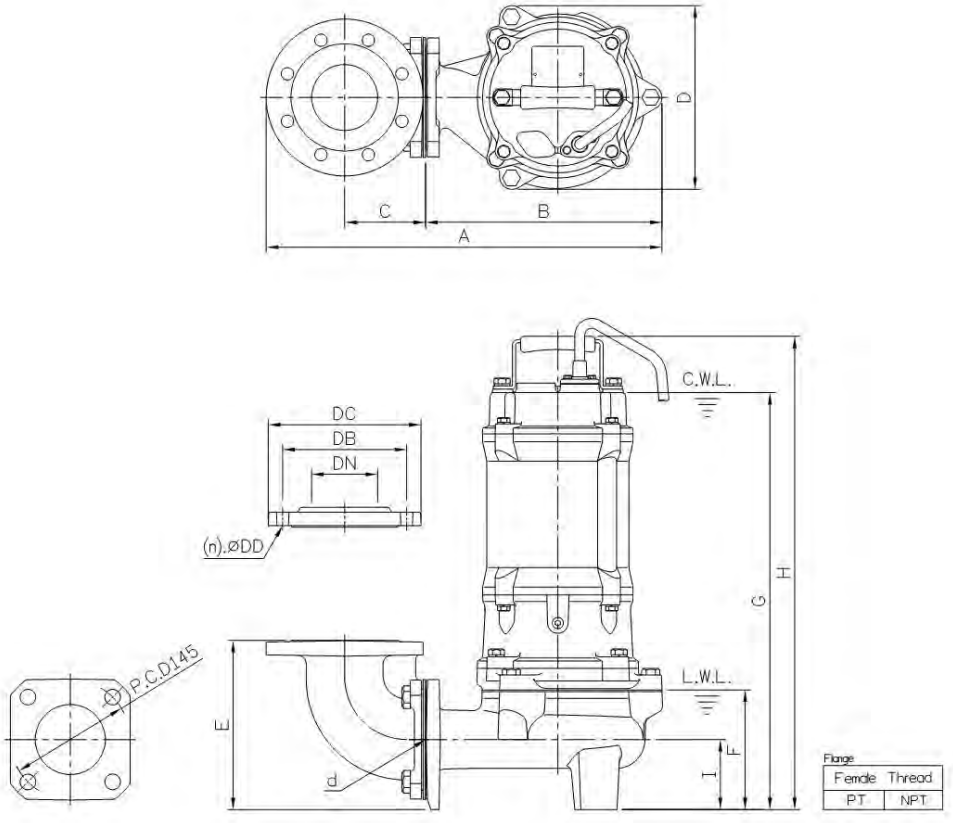
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

DIMENSIONS

No: S3AFU237A30-00

MODEL: 80AFU23.7A & 80AFU23.7LA

3Ø



Dimensions-mm

Weight:Kg

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80AFU23.7A	80	481	286	103	222	210	145	505	573	85	46/45	EB3-150A	80	150	185	15	8	12
80AFU23.7LA	80	481	286	103	235	246	197	557	625	121	48	EB3-150A	80	150	185	15	8	12

Dimensions-inch

Weight:Lbs

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80AFU23.7A	3	18 15/16	11 1/4	4 1/16	8 3/4	8 1/4	5 11/16	19 7/8	22 9/16	3 3/8	101/99	EB3-150A	3	5 7/8	7 5/16	3/16	8	26
80AFU23.7LA	3	18 15/16	11 1/4	4 1/16	9 1/4	9 11/16	7 3/4	21 15/16	24 5/8	4 3/4	106	EB3-150A	3	5 7/8	7 5/16	3/16	8	26

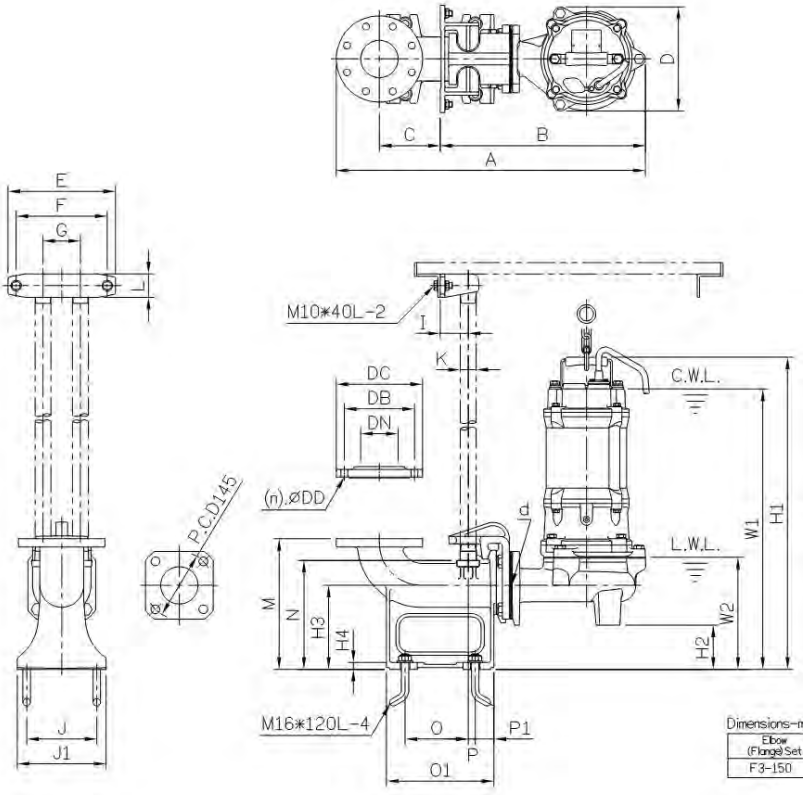
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

No: S3AFU237A3T-00

MODEL: 80AFU23.7A & 80AFU23.7LA

3Ø



Flange

Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-150	80	150	185	15	8

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-150	3	5 5/16	7 5/16	9/16	8

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 50Hz/60Hz	GRS Set	WT2
80AFU23.7A	80	662	439	130	222	230	195	80	60	150	190	1¼"	50	280	233	135	230	15	40	600	240	668	95	180	15	46/45	T80D	27
80AFU23.7LA	80	662	439	130	235	230	195	80	60	150	190	1¼"	50	280	233	135	230	15	40	616	256	684	59	180	15	48	T80D	27

Dimensions-inch

Weight:Lbs

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 50Hz/60Hz	GRS Set	WT2
80AFU23.7A	3	26 1/16	17 5/16	5 1/8	8 3/4	9 1/16	7 11/16	3 1/8	2 3/8	5 15/16	7 1/2	1 1/4	2	11	9 3/16	5 5/16	9 1/16	9/16	1 9/16	23 5/8	9 7/16	26 5/16	3 3/4	7 1/16	3/16	101/99	T80D	59
80AFU23.7LA	3	26 1/16	17 5/16	5 1/8	9 1/4	9 1/16	7 11/16	3 1/8	2 3/4	5 15/16	7 1/2	1 1/4	2	11	9 3/16	5 5/16	9 1/16	9/16	1 9/16	24 1/4	10 3/16	26 5/16	2 3/16	7 1/16	3/16	106	T80D	59

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

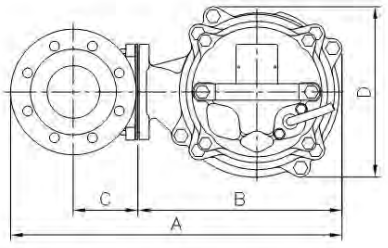
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

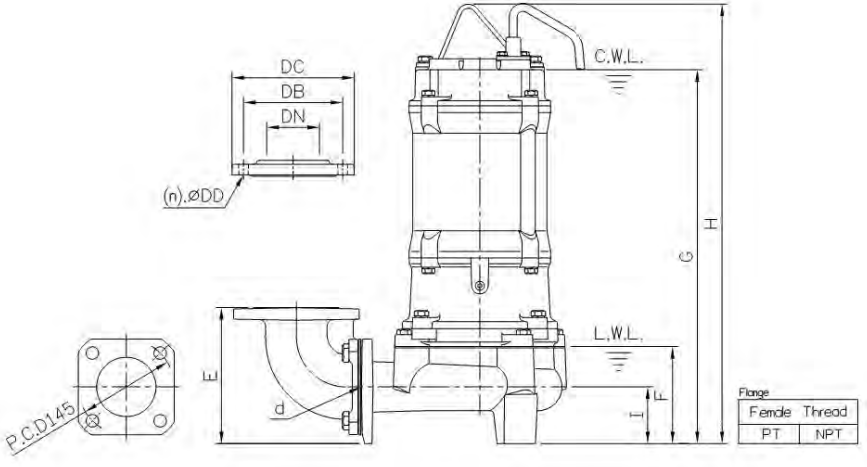
DIMENSIONS

No: S3AFU275030-00

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

3Ø





Dimensions-mm

Weight:Kg

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80AFU25.5	80	501	309	98	258	206	147	566	665	86	68/67	EB3-150A	80	150	185	15	8	12
80AFU27.5	80	501	309	98	258	206	147	566	665	86	74/73	EB3-150A	80	150	185	15	8	12
80AFU25.5L	80	506	314	98	273	242	199	618	717	122	70/69	EB3-150A	80	150	185	15	8	12
80AFU27.5L	80	506	314	98	273	242	199	618	717	122	76/75	EB3-150A	80	150	185	15	8	12

Dimensions-inch

Weight:Lbs

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80AFU25.5	3	19 3/4	12 3/16	3/8	10 3/16	8 1/4	5 13/16	22 5/16	26 3/16	3 3/8	150/148	EB3-150A	3	5 15/16	7 5/16	3/16	8	26
80AFU27.5	3	19 3/4	12 3/16	3/8	10 3/16	8 1/4	5 13/16	22 5/16	26 3/16	3 3/8	163/161	EB3-150A	3	5 15/16	7 5/16	3/16	8	26
80AFU25.5L	3	19 15/16	12 3/8	3/8	10 3/4	9 1/2	7 1/8	24 5/16	28 1/4	4 13/16	154/152	EB3-150A	3	5 15/16	7 5/16	3/16	8	26
80AFU27.5L	3	19 15/16	12 3/8	3/8	10 3/4	9 1/2	7 1/8	24 5/16	28 1/4	4 13/16	168/165	EB3-150A	3	5 15/16	7 5/16	3/16	8	26

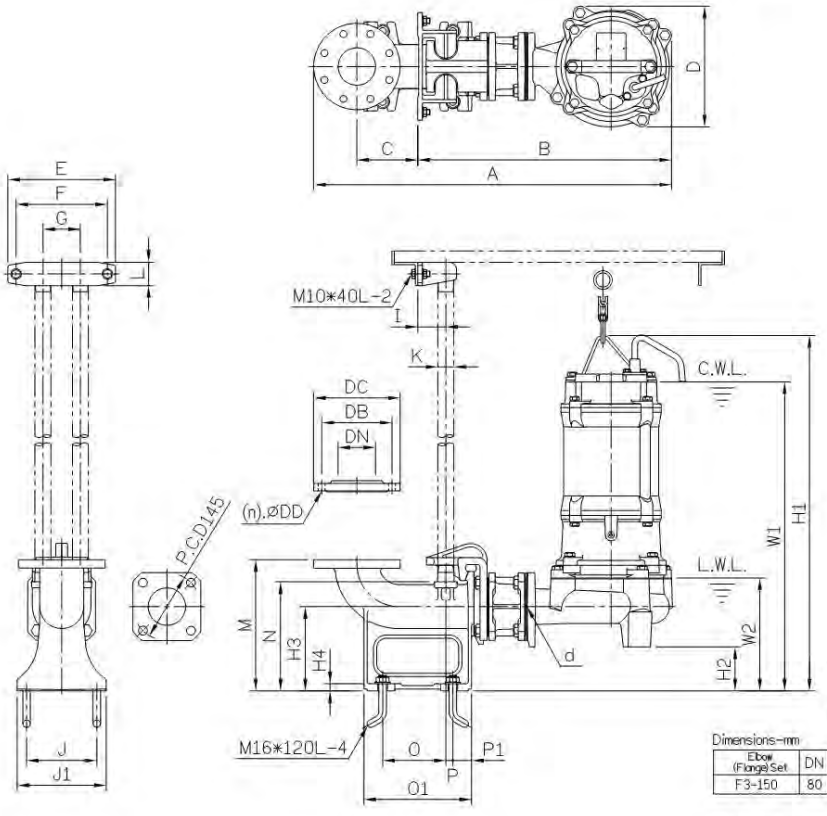
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S3AFU27503T-00

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

3Ø



Flange

Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-150	80	150	185	15	8

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-150	3	5 5/16	7 5/16	9/16	8

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 50Hz/60Hz	GRS Set	WT2
80AFU25.5	80	764	542	130	258	230	195	80	60	150	190	1¼"	50	280	233	135	230	15	40	660	241	759	94	180	15	68/67	T80DH	31
80AFU27.5	80	764	542	130	258	230	195	80	60	150	190	1¼"	50	280	233	135	230	15	40	660	241	759	94	180	15	74/73	T80DH	31
80AFU25.5L	80	769	547	130	273	230	195	80	60	150	190	1¼"	50	280	233	135	230	15	40	676	257	775	58	180	15	70/69	T80DH	31
80AFU27.5L	80	769	547	130	273	230	195	80	60	150	190	1¼"	50	280	233	135	230	15	40	676	257	775	58	180	15	76/75	T80DH	31

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 50Hz/60Hz	GRS Set	WT2
80AFU25.5	3	30 1/16	21 3/16	5 1/8	10 3/16	9 1/16	7 1/16	3 1/8	2 3/8	5 15/16	7 1/2	1¼	2	11	9 3/16	5 5/16	9 1/16	9/16	1 1/16	26	9 1/2	29 7/8	3 11/16	7 1/16	9/16	150/148	T80DH	68
80AFU27.5	3	30 1/16	21 5/16	5 1/8	10 3/16	9 1/16	7 1/16	3 1/8	2 3/8	5 15/16	7 1/2	1¼	2	11	9 3/16	5 5/16	9 1/16	9/16	1 1/16	26	9 1/2	29 7/8	3 11/16	7 1/16	9/16	163/161	T80DH	68
80AFU25.5L	3	30 1/4	21 3/16	5 1/8	10 3/4	9 1/16	7 1/16	3 1/8	2 3/8	5 15/16	7 1/2	1¼	2	11	9 3/16	5 5/16	9 1/16	9/16	1 1/16	26 5/8	10 1/8	30 1/2	2 5/16	7 1/16	9/16	154/152	T80DH	68
80AFU27.5L	3	30 1/4	21 5/16	5 1/8	10 3/4	9 1/16	7 1/16	3 1/8	2 3/8	5 15/16	7 1/2	1¼	2	11	9 3/16	5 5/16	9 1/16	9/16	1 1/16	26 5/8	10 1/8	30 1/2	2 5/16	7 1/16	9/16	168/165	T80DH	68

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

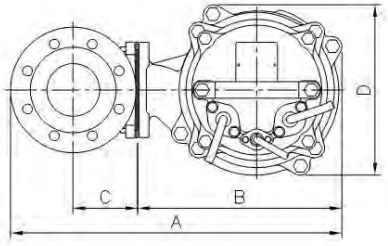
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

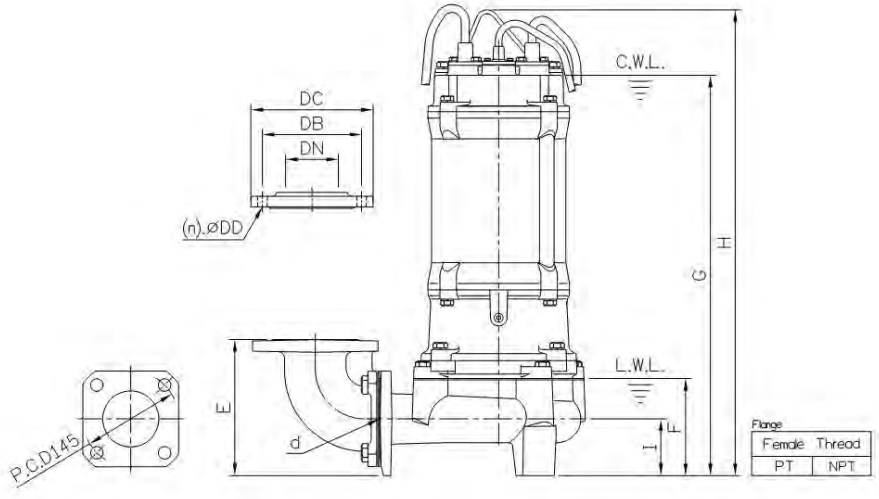
DIMENSIONS

No: S3AFU2A1030-00

MODEL: 80AFU211 & 80AFU211L

3Ø





Dimensions-mm

Weight:Kg

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80AFU211	80	501	309	98	258	206	147	606	705	86	85/84	EB3-150A	80	150	185	15	8	12
80AFU211L	80	506	314	98	273	242	199	658	757	122	87/86	EB3-150A	80	150	185	15	8	12

Dimensions-inch

Weight:Lbs

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80AFU211	3	19 3/4	12 3/16	3 7/8	10 3/16	8 1/8	5 13/16	23 3/8	27 3/4	3 3/8	187/185	EB3-150A	3	5 15/16	7 5/16	3/16	8	26
80AFU211L	3	19 15/16	12 3/8	3 7/8	10 3/4	9 1/2	7 13/16	25 15/16	29 13/16	4 13/16	192/190	EB3-150A	3	5 15/16	7 5/16	3/16	8	26

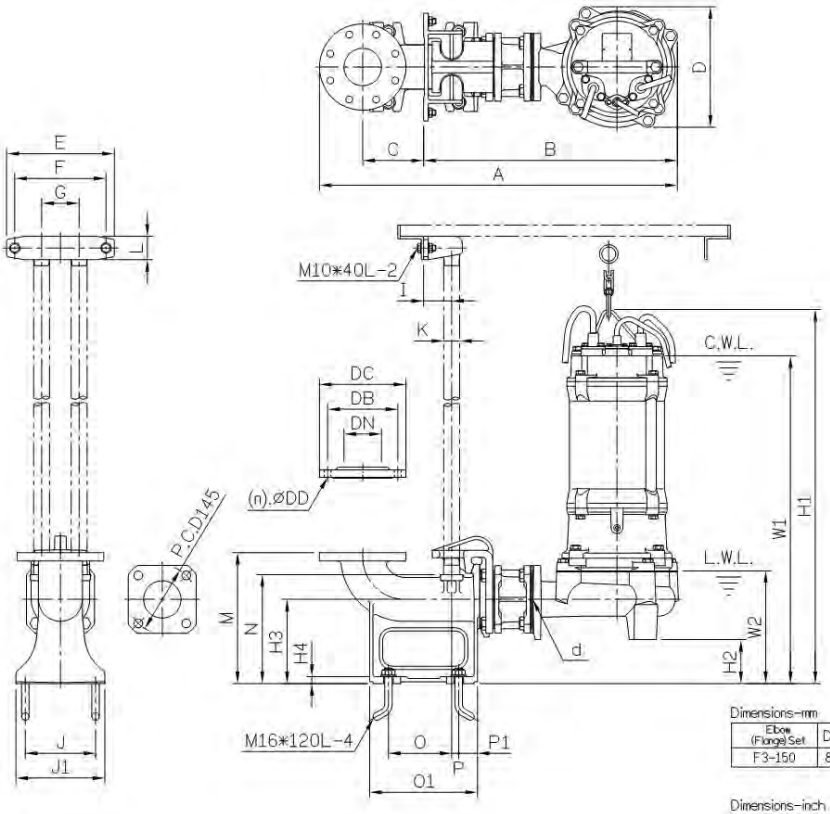
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S3AFU2A103T-00

MODEL: 80AFU211 & 80AFU211L

3Ø



Flange

Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-150	80	150	185	15	8

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-150	3	5 15/16	7 5/16	9/16	8

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 50Hz/60Hz	GRS Set	WT2
80AFU211	80	764	542	130	258	230	195	80	60	150	190	1 1/4"	50	280	233	135	230	15	40	700	241	799	94	180	15	85/84	T80DH	31
80AFU211L	80	769	547	130	273	230	195	80	60	150	190	1 1/4"	50	280	233	135	230	15	40	716	257	815	58	180	15	87/86	T80DH	31

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 50Hz/60Hz	GRS Set	WT2
80AFU211	3	30 1/16	21 5/16	5 1/8	10 3/16	9 1/16	7 11/16	3 1/8	2 3/8	5 15/16	7 1/2	1 1/4	2	11	9 3/16	5 5/16	9 1/16	9/16	1 9/16	27 3/8	9 1/2	31 7/16	3 11/16	7 1/16	9/16	187/185	T80DH	68
80AFU211L	3	30 1/4	21 5/16	5 1/8	10 3/4	9 1/16	7 11/16	3 1/8	2 3/8	5 15/16	7 1/2	1 1/4	2	11	9 3/16	5 5/16	9 1/16	9/16	1 9/16	28 3/16	10 1/8	32 1/16	2 5/16	7 1/16	9/16	192/190	T80DH	68

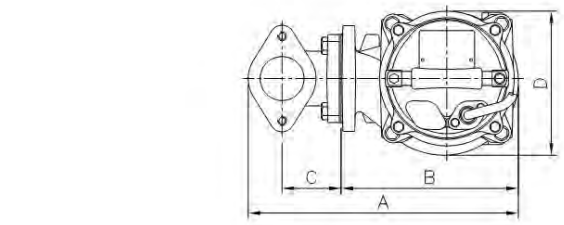
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

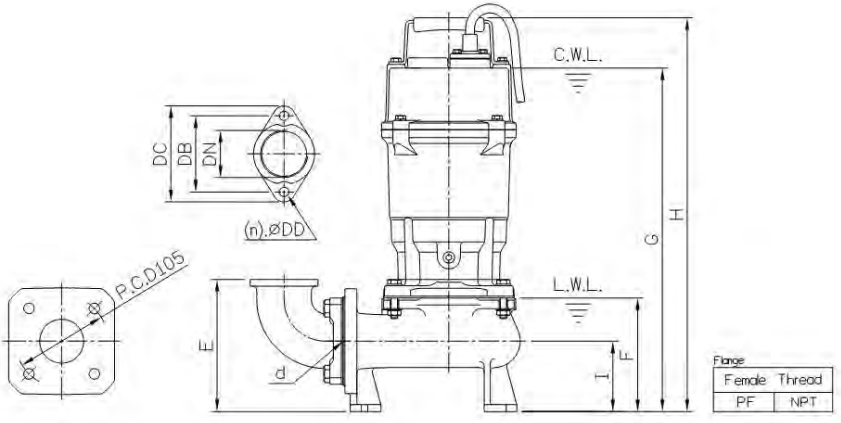
DIMENSIONS

No: S2AFU208L30-00

MODEL: 50AFU2.4L & 50AFU2.8L

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:Lbs

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

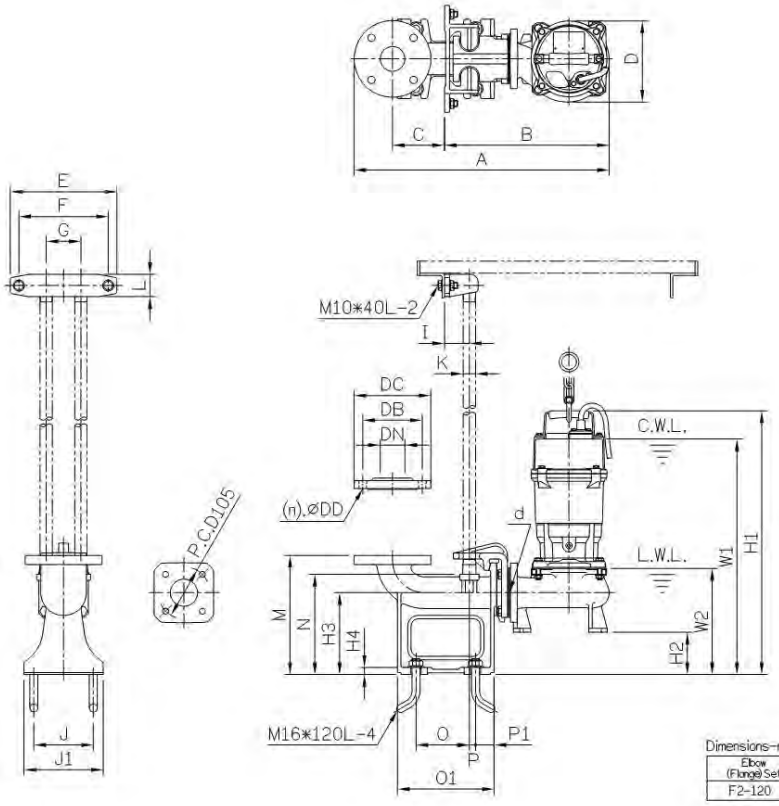
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

No: S2AFU208L3T-00

MODEL: 50AFU2.4L & 50AFU2.8L

1Ø & 3Ø



Flange

Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F2-120	50	120	155	15	4

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F2-120	2	4 3/4	6 1/8	9/16	4

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
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

Dimensions-inch — Weight:Lbs

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

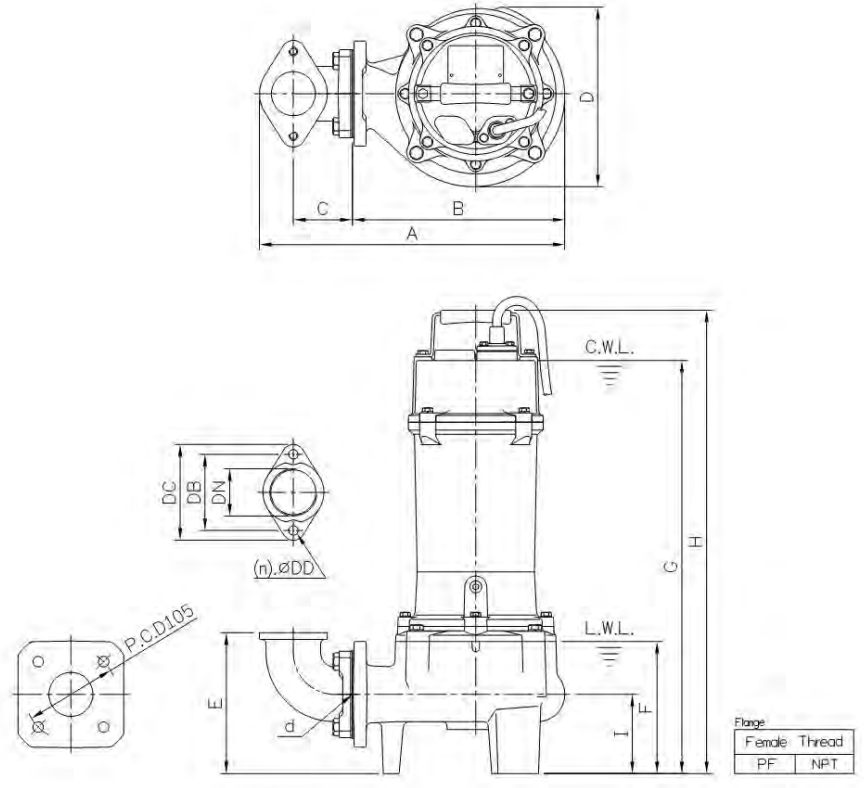
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

DIMENSIONS

No: S2AFU408030-00

MODEL: 50AFU4.4 & 50AFU4.8

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:Lbs

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 11/16	9 1/2	2 5/8	8 1/16	6 5/16	5 7/8	18 7/16	20 11/16	3 5/16	66	EB2-96	2	3 3/4	4 3/4	1/2	2	7
50AFU4.4 3Ø	2	13 11/16	9 1/2	2 5/8	8 1/16	6 5/16	5 7/8	18 7/16	20 11/16	3 5/16	62	EB2-96	2	3 3/4	4 3/4	1/2	2	7
50AFU4.8 1Ø	2	13 11/16	9 1/2	2 5/8	8 1/16	6 5/16	5 7/8	18 7/16	20 11/16	3 5/16	66	EB2-96	2	3 3/4	4 3/4	1/2	2	7
50AFU4.8 3Ø	2	13 11/16	9 1/2	2 5/8	8 1/16	6 5/16	5 7/8	18 7/16	20 11/16	3 5/16	64	EB2-96	2	3 3/4	4 3/4	1/2	2	7

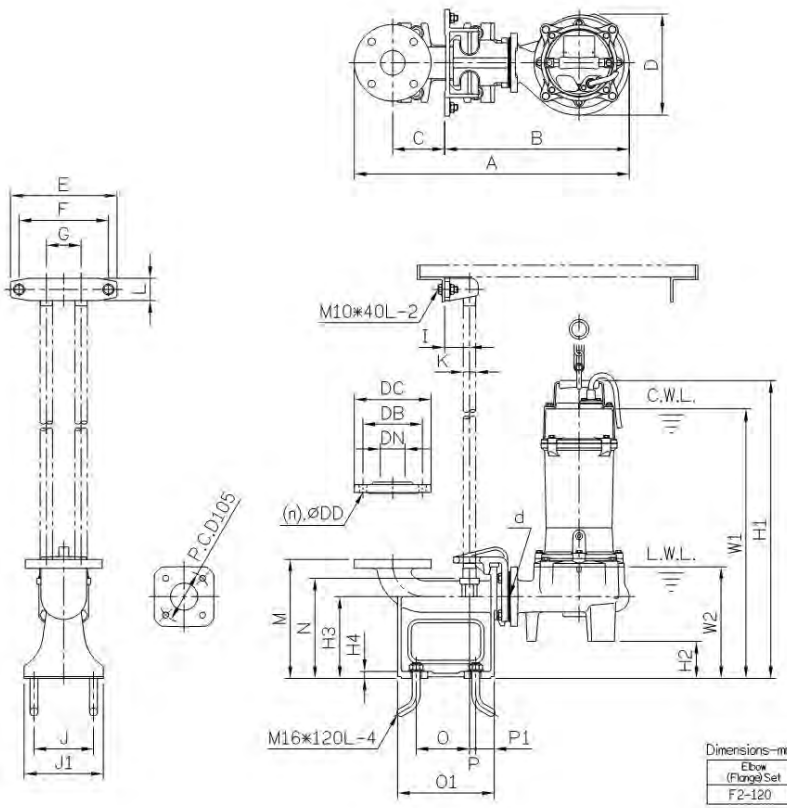
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

No: S2AFU40803T-00

MODEL: 50AFU4.4 & 50AFU4.8

1Ø & 3Ø



Flange

Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F2-120	50	120	155	15	4

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F2-120	2	4 3/4	6 1/8	9/16	4

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
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 — Weight:Lbs

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
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	9/16	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	9/16	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	9/16	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	9/16	64	T50F	37

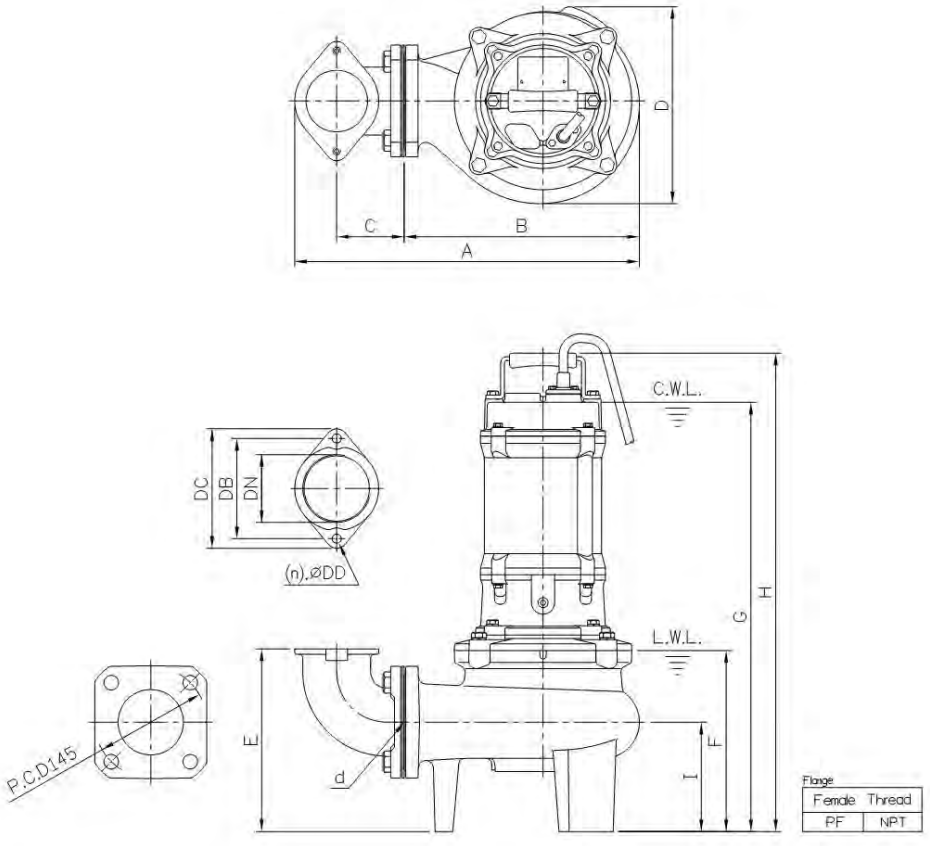
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

DIMENSIONS

No: S3AFU415030-00

MODEL: 80AFU41.5

1 Ø & 3 Ø



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	255	237	235	635	698	142	47	EB3-130	80	130	155	12	2	5
80AFU41.5 3Ø	80	447	305	88	255	237	235	557	621	142	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
80AFU41.5 1Ø	3	17⅝	12	3 7/16	10 1/16	9 5/16	9¼	25	27½	5 5/16	104	EB3-130	3	5⅛	6⅛	½	2	11
80AFU41.5 3Ø	3	17⅝	12	3 7/16	10 1/16	9 5/16	9¼	21 15/16	24 7/16	5 5/16	104	EB3-130	3	5⅛	6⅛	½	2	11

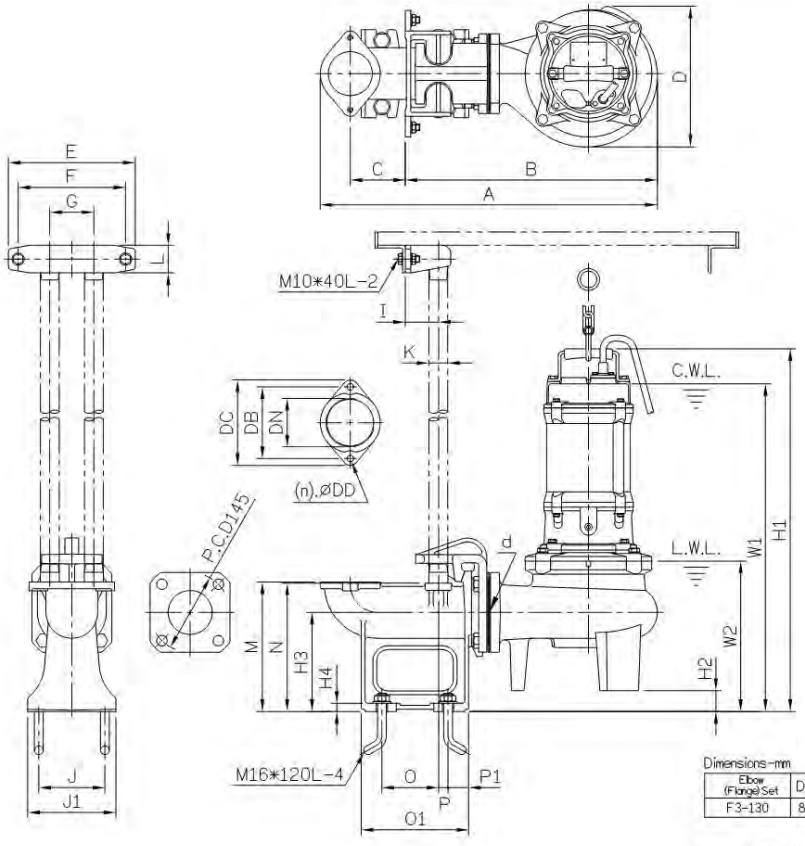
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

No: S3AFU41503T-00

MODEL: 80AFU41.5

1 Ø & 3 Ø



Flange

Female	Thread
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-130	80	130	155	12	2

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-130	3	5 3/8	6 1/8	1/2	2

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
80AFU41.5 1Ø	80	612	458	100	255	230	195	80	60	120	160	1 1/4"	50	235	233	103	195	18	38	673	273	736	38	180	15	47	T2-80	20
80AFU41.5 3Ø	80	612	458	100	255	230	195	80	60	120	160	1 1/4"	50	235	233	103	195	18	38	595	273	658	38	180	15	47	T2-80	20

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
80AFU41.5 1Ø	3	24 1/16	18 1/16	3 15/16	10 1/16	9 1/16	7 11/16	3 1/8	2 3/8	4 3/4	6 5/16	1 1/4	1 15/16	9 1/4	9 3/16	4 1/16	7 11/16	11/16	1 1/2	26 1/2	10 3/4	29	1 1/2	7 1/16	9/16	104	T2-80	43
80AFU41.5 3Ø	3	24 1/16	18 1/16	3 15/16	10 1/16	9 1/16	7 11/16	3 1/8	2 3/8	4 3/4	6 5/16	1 1/4	1 15/16	9 1/4	9 3/16	4 1/16	7 11/16	11/16	1 1/2	23 7/16	10 3/4	25 7/8	1 1/2	7 1/16	9/16	104	T2-80	43

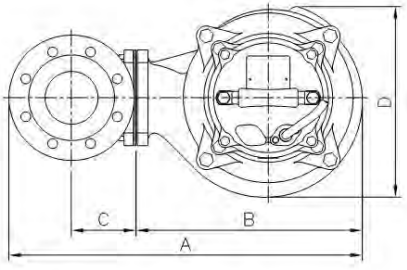
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

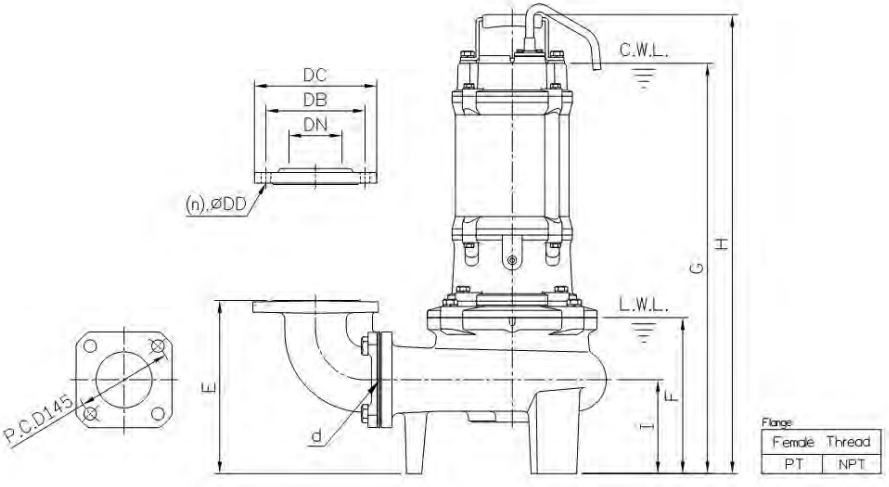
DIMENSIONS

No: S3AFU437030-00

MODEL: 80AFU42.2 & 80AFU43.7

3Ø





Dimensions-mm

Weight:Kg

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80AFU42.2	80	535	343	98	289	262	236	581	655	142	57/56	EB3-150A	80	150	185	15	8	12
80AFU43.7	80	535	343	98	289	262	236	621	695	142	65/63	EB3-150A	80	150	185	15	8	12

Dimensions-inch

Weight:Lbs

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80AFU42.2	3	21 1/16	13 1/2	3 7/8	11 3/8	10 5/16	9 5/16	22 7/8	25 13/16	5 5/16	126/123	EB3-150A	3	5 15/16	7 5/16	3/16	8	26
80AFU43.7	3	21 1/16	13 1/2	3 7/8	11 3/8	10 5/16	9 5/16	24 7/16	27 3/4	5 5/16	143/139	EB3-150A	3	5 15/16	7 5/16	3/16	8	26

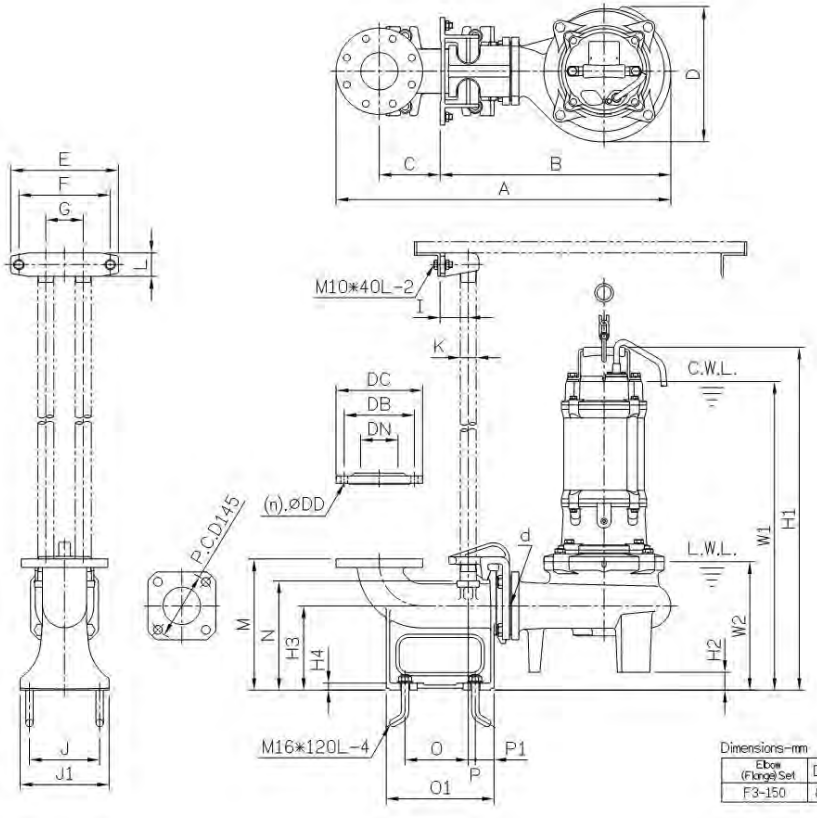
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S3AFU43703T-00

MODEL: 80AFU42.2 & 80AFU43.7

3Ø



Flange

Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-150	80	150	185	15	8

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-150	3	5 5/16	7 5/16	9/16	8

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 50Hz/60Hz	GRS Set	WT2
80AFU42.2	80	718	496	130	289	230	195	80	60	150	190	1¼"	50	280	233	135	230	15	40	619	274	693	38	180	15	57/56	T80D	27
80AFU43.7	80	718	496	130	289	230	195	80	60	150	190	1¼"	50	280	233	135	230	15	40	659	274	733	38	180	15	65/63	T80D	27

Dimensions-inch — Weight:Lbs

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 50Hz/60Hz	GRS Set	WT2
80AFU42.2	3	28¼	19½	5⅛	11⅜	9⅛	7 11/16	3⅛	2⅜	5 15/16	7½	1¼	2	11	9 3/16	5 5/16	9 1/16	3/16	1 9/16	24 3/8	10 13/16	27 5/16	1½	7 1/16	3/16	126/123	T80D	59
80AFU43.7	3	28¼	19½	5⅛	11⅜	9⅛	7 11/16	3⅛	2⅜	5 15/16	7½	1¼	2	11	9 3/16	5 5/16	9 1/16	3/16	1 9/16	25 15/16	10 13/16	28⅞	1½	7 1/16	3/16	143/139	T80D	59

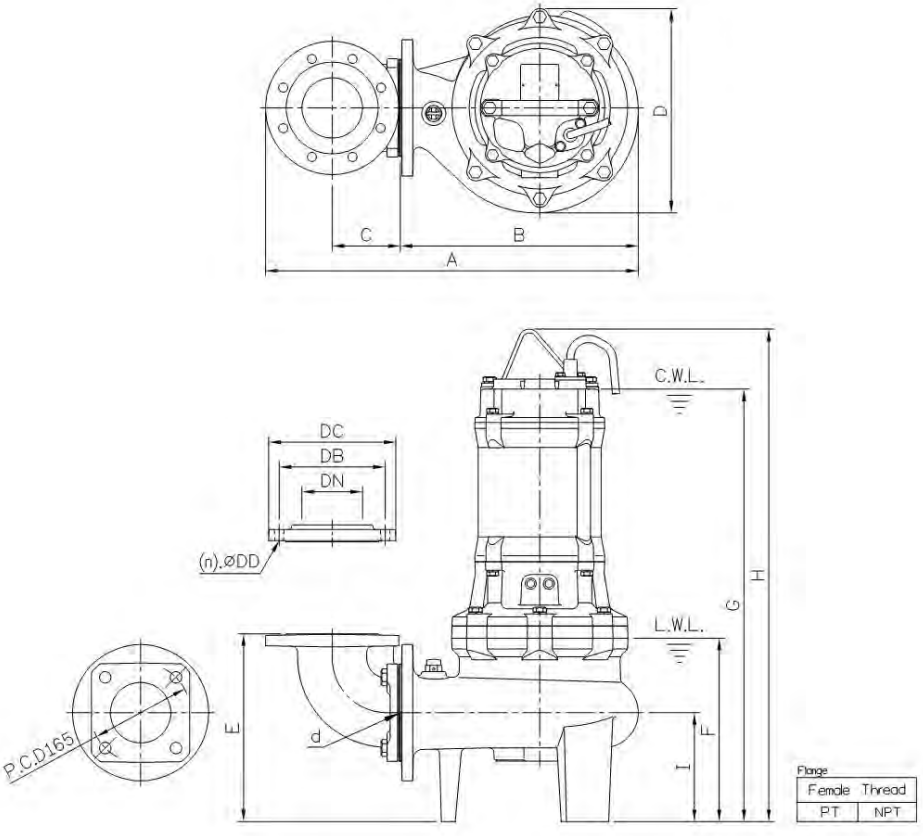
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

DIMENSIONS

No: S4AFU475030-00

MODEL: 100AFU45.5 & 100AFU47.5

3Ø



Dimensions–mm

Weight:kg

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
100AFU45.5	100	615	393	113	337	310	303	714	813	180	96/95	EB4-175A	100	175	210	15	8	13
100AFU47.5	100	615	393	113	337	310	303	754	853	180	105/104	EB4-175A	100	175	210	15	8	13

Dimensions–inch

Weight:lb

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
100AFU45.5	4	24 3/16	15 1/8	4 7/16	13 1/4	12 3/16	11 15/16	28 1/16	32	7 1/16	212/209	EB4-175A	4	6 3/4	8 1/4	3/16	8	29
100AFU47.5	4	24 3/16	15 1/8	4 7/16	13 1/4	12 3/16	11 15/16	29 13/16	33 3/16	7 1/16	231/227	EB4-175A	4	6 3/4	8 1/4	3/16	8	29

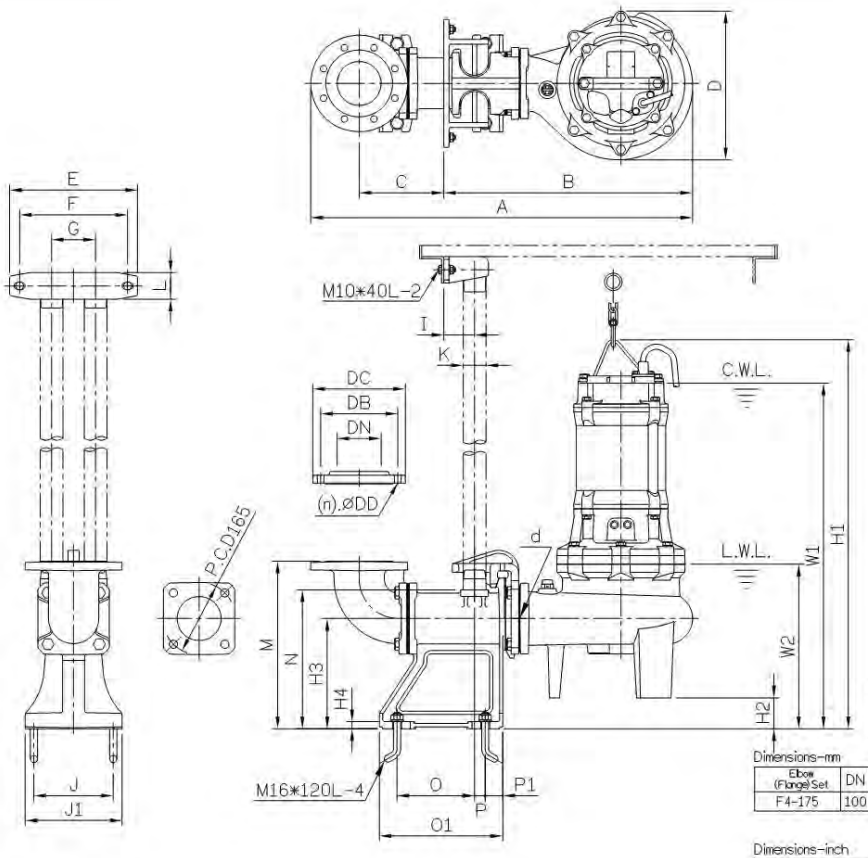
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

No: S4AFU47503T-00

MODEL: 100AFU45.5 & 100AFU47.5

3Ø



Flange

Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F4-175	100	175	210	15	8

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F4-175	4	6 7/8	8 1/4	9/16	8

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 50Hz/60Hz	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	96/95	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	105/104	T100B	45

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 50Hz/60Hz	GRS Set	WT2
100AFU45.5	4	34 3/16	22 5/16	7 5/16	13 1/4	11 7/16	9 5/8	3 15/16	2 3/4	7 1/16	8 11/16	2	2 3/8	14 15/16	12 3/8	6 15/16	11	15/16	1 9/16	30 7/8	14 11/16	34 3/4	2 3/4	9 13/16	5/8	212/209	T100B	99
100AFU47.5	4	34 3/16	22 5/16	7 5/16	13 1/4	11 7/16	9 5/8	3 15/16	2 3/4	7 1/16	8 11/16	2	2 3/8	14 15/16	12 3/8	6 15/16	11	15/16	1 9/16	32 7/16	14 11/16	36 5/16	2 3/4	9 13/16	5/8	231/227	T100B	99

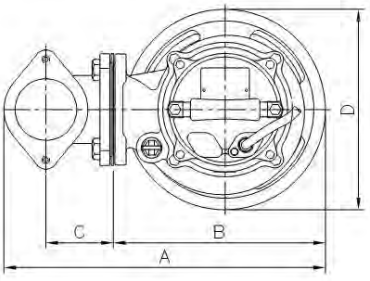
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

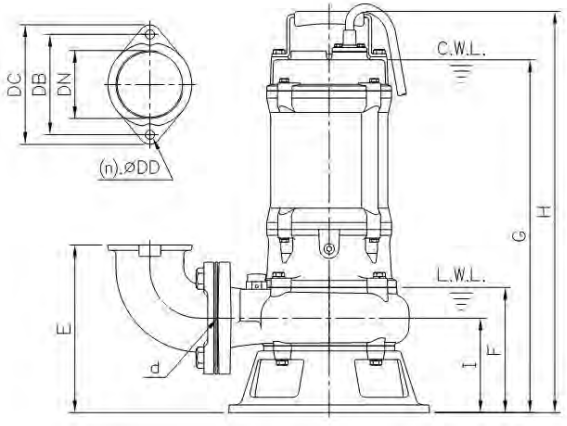
DIMENSIONS

No:S3AFP222030-01

MODEL: 80AFP21.5 & 80AFP22.2

1 Ø & 3 Ø





Flange	
Female Thread	
PF	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
80AFP21.5 1Ø	80	417	275	88	260	218	163	513	576	123	37	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
80AFP21.5 3Ø	80	417	275	88	260	218	163	458	521	123	33	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 7/16	10 13/16	3 7/16	10 1/4	8 5/8	6 7/16	20 3/16	22 1/16	4 13/16	82	EB3-130	3	5 1/8	6 1/8	1/2	2	11
80AFP22.2 1Ø	3	16 7/16	10 13/16	3 7/16	10 1/4	8 5/8	6 7/16	21 1/4	23 3/4	4 13/16	88	EB3-130	3	5 1/8	6 1/8	1/2	2	11
80AFP21.5 3Ø	3	16 7/16	10 13/16	3 7/16	10 1/4	8 5/8	6 7/16	18 1/16	20 1/2	4 13/16	73	EB3-130	3	5 1/8	6 1/8	1/2	2	11
80AFP22.2 3Ø	3	16 7/16	10 13/16	3 7/16	10 1/4	8 5/8	6 7/16	18 1/16	20 1/2	4 13/16	77	EB3-130	3	5 1/8	6 1/8	1/2	2	11

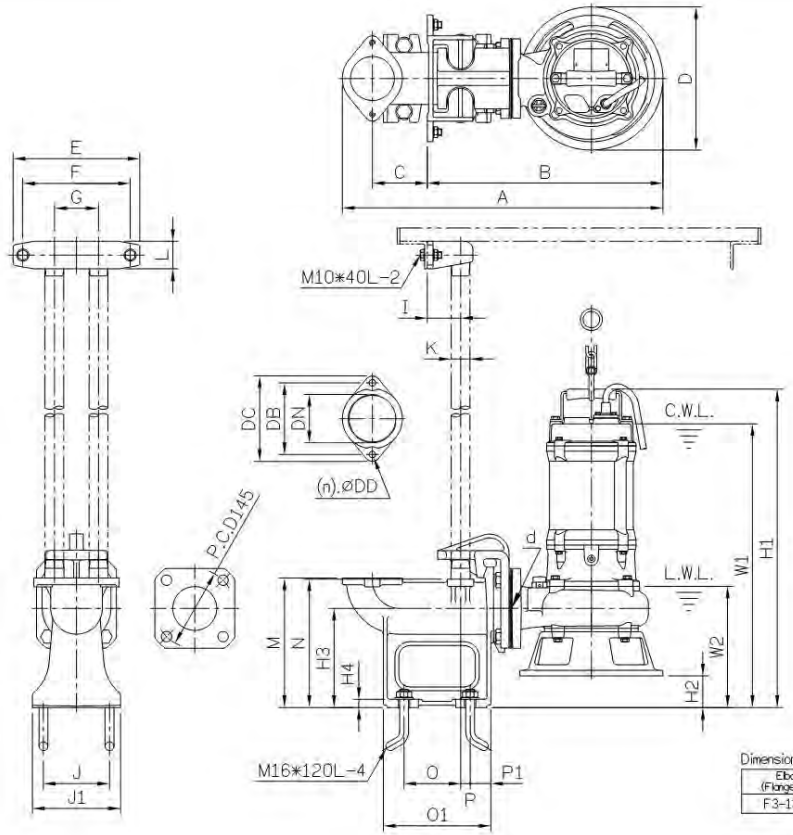
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

No: S3AFP22203T-01

MODEL: 80AFP21.5 & 80AFP22.2

1 Ø & 3 Ø



Flange

Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-130	80	130	155	12	2

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-130	3	5⅛	6⅛	½	2

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
80AFP21.5 1Ø	80	582	427	100	260	230	195	80	60	120	160	1¼"	50	235	233	103	195	18	38	597	220	660	57	180	15	37	T2-80	20
80AFP22.2 1Ø	80	582	427	100	260	230	195	80	60	120	160	1¼"	50	235	233	103	195	18	38	570	220	633	57	180	15	40	T2-80	20
80AFP21.5 3Ø	80	582	428	100	260	230	195	80	60	120	160	1¼"	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	1¼"	50	235	233	103	195	18	38	515	220	578	57	180	15	35	T2-80	20

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
80AFP21.5 1Ø	3	22 15/16	16 13/16	3 15/16	10 1/4	9 1/16	7 11/16	3 1/8	2 3/8	4 3/4	6 5/16	1 1/4	1 15/16	9 1/4	9 3/16	4 1/16	7 11/16	11/16	1 1/2	23 1/2	8 11/16	26	2 1/4	7 1/16	9/16	82	T2-80	43
80AFP22.2 1Ø	3	22 15/16	16 13/16	3 15/16	10 1/4	9 1/16	7 11/16	3 1/8	2 3/8	4 3/4	6 5/16	1 1/4	1 15/16	9 1/4	9 3/16	4 1/16	7 11/16	11/16	1 1/2	22 7/16	8 11/16	24 15/16	2 1/4	7 1/16	9/16	88	T2-80	43
80AFP21.5 3Ø	3	22 15/16	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 5/16	1 1/4	2	9 1/4	9 3/16	4 1/16	7 11/16	11/16	1 1/2	20 1/4	8 11/16	22 3/4	2 1/4	7 1/16	9/16	73	T2-80	43
80AFP22.2 3Ø	3	22 15/16	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 5/16	1 1/4	2	9 1/4	9 3/16	4 1/16	7 11/16	11/16	1 1/2	20 1/4	8 11/16	22 3/4	2 1/4	7 1/16	9/16	77	T2-80	43

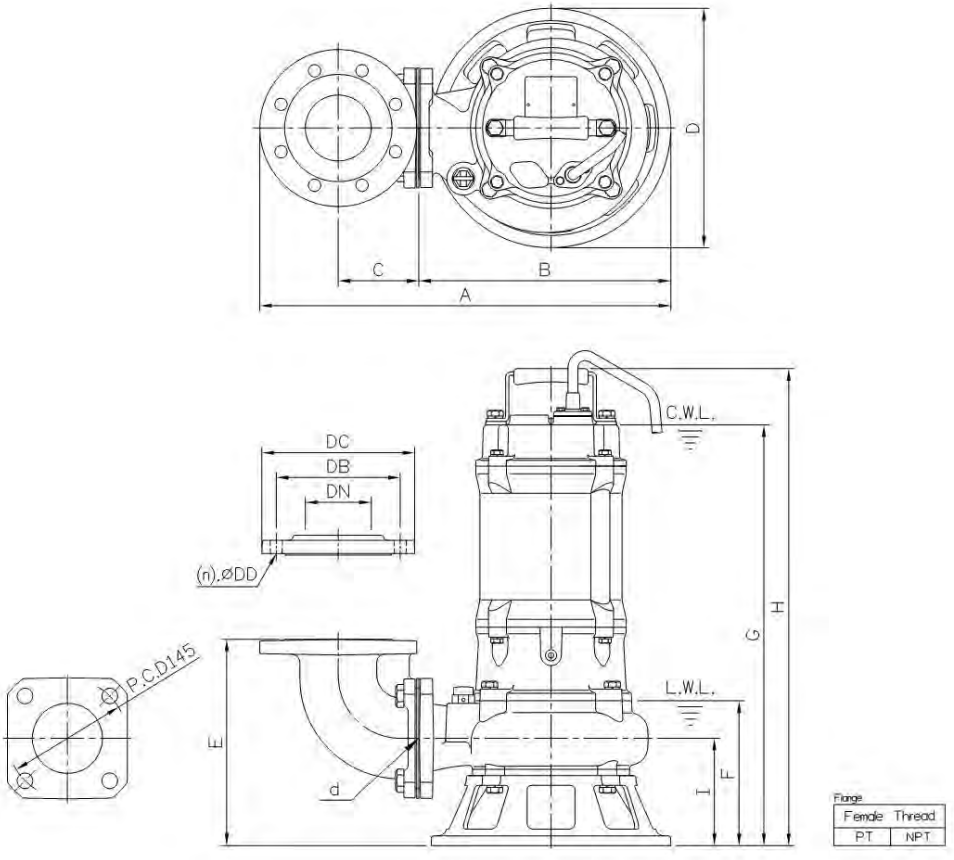
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

DIMENSIONS

No: S3AFP237A30-00

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	578	130	48	EB3-150A	80	150	185	15	8	12

Dimensions-inch

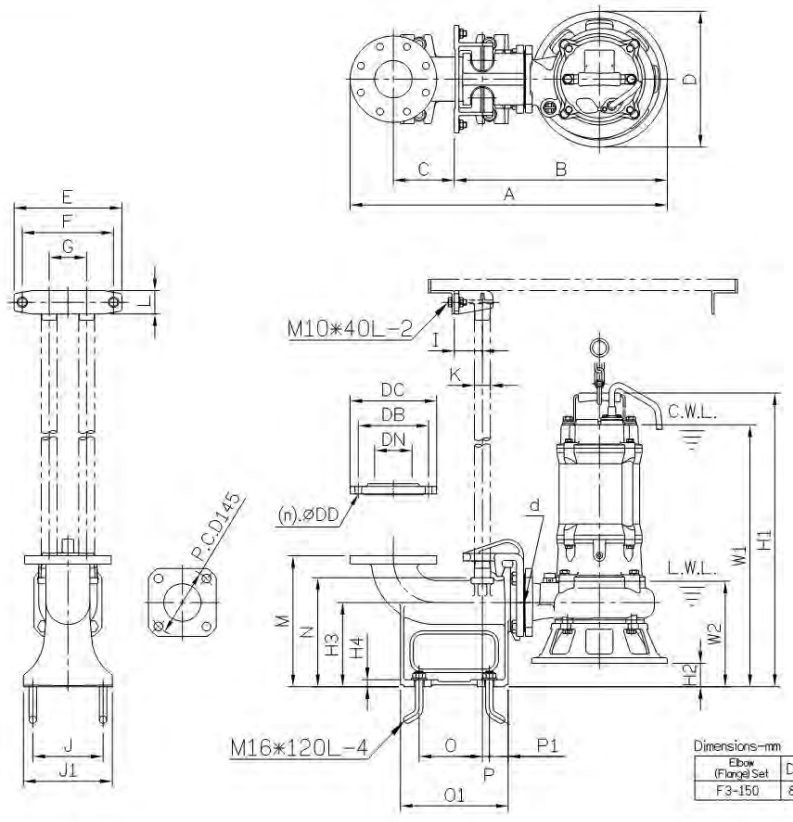
Weight:lb

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 5/8	12	3 7/8	11 1/16	9 13/16	6 15/16	20 1/16	22 3/4	5 1/8	106	EB3-150A	3	5 7/8	7 5/16	3/16	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:S3AFP237A3T-00

MODEL: 80AFP23.7A 3Ø



Flange

Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-150	80	150	185	15	8

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-150	3	5 5/16	7 5/16	9/16	8

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
80AFP23.7A	80	680	458	130	290	230	195	80	60	150	190	1¾"	50	280	233	135	230	15	40	560	225	628	50	180	15	48	T80D	27

Dimensions-inch Weight:Lbs

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
80AFP23.7A	3	26 3/4	18 1/16	5 1/8	11 7/16	9 1/16	7 11/16	3 1/8	2 3/8	5 15/16	7 1/2	1 3/4	1 15/16	11	9 3/16	5 5/16	9 1/16	9/16	1 9/16	22 1/16	8 7/8	24 3/4	1 15/16	7 1/16	9/16	106	T80D	59

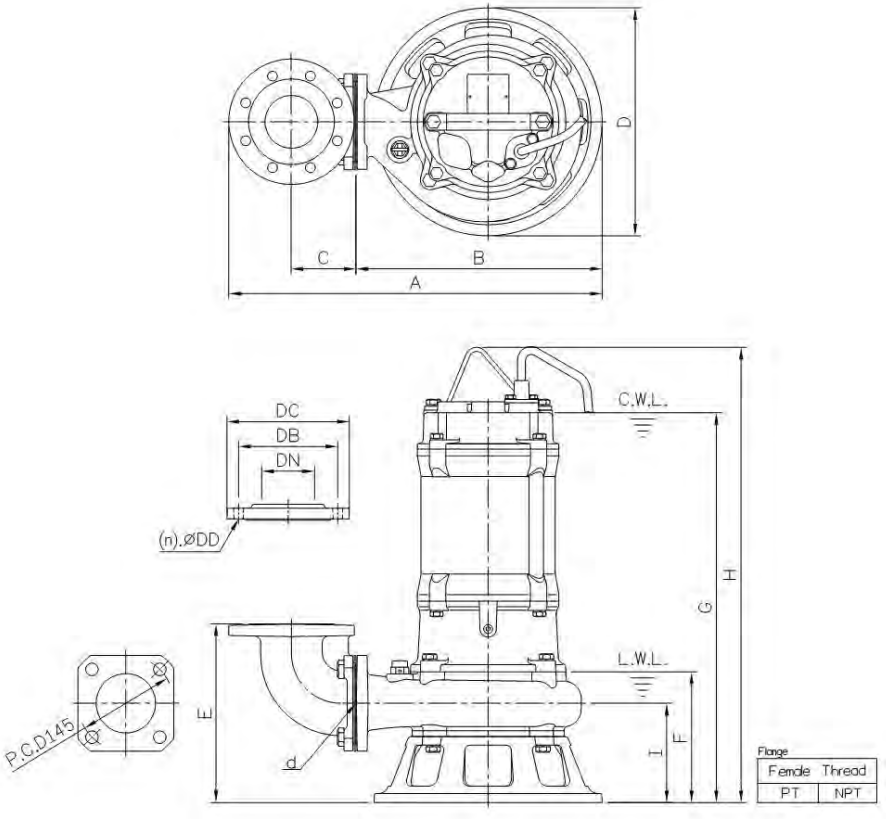
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:GRS Set Weight

DIMENSIONS

No: S3AFP275030-00

MODEL: 80(100)AFP25.5 & 80(100)AFP27.5

3Ø



Dimensions-mm

Weight:Kg

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80(100)AFP25.5	80	565	373	98	345	271	198	590	689	151	75/74	EB3-150A	80	150	185	15	8	12
80(100)AFP27.5	80	565	373	98	345	271	198	590	689	151	81/80	EB3-150A	80	150	185	15	8	12
80(100)AFP25.5	80	596	373	113	345	282	198	590	689	151	75/74	EB4-175(145)	100	175	210	15	8	14
80(100)AFP27.5	80	596	373	113	345	282	198	590	689	151	81/80	EB4-175(145)	100	175	210	15	8	14

Dimensions-inch

Weight:Lbs

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80(100)AFP25.5	3	22 1/4	14 11/16	3/8	13 9/16	10 11/16	7 13/16	23 1/4	27 1/8	5 15/16	165/163	EB3-150A	3	5 15/16	7 5/16	3/8	8	26
80(100)AFP27.5	3	22 1/4	14 11/16	3/8	13 9/16	10 11/16	7 13/16	23 1/4	27 1/8	5 15/16	178/176	EB3-150A	3	5 15/16	7 5/16	3/8	8	26
80(100)AFP25.5	3	23 5/16	14 11/16	4/16	13 9/16	11 1/8	7 13/16	23 1/4	27 1/8	5 15/16	165/163	EB4-175(145)	4	6 7/8	8 1/4	3/16	8	30
80(100)AFP27.5	3	23 5/16	14 11/16	4/16	13 9/16	11 1/8	7 13/16	23 1/4	27 1/8	5 15/16	178/176	EB4-175(145)	4	6 7/8	8 1/4	3/16	8	30

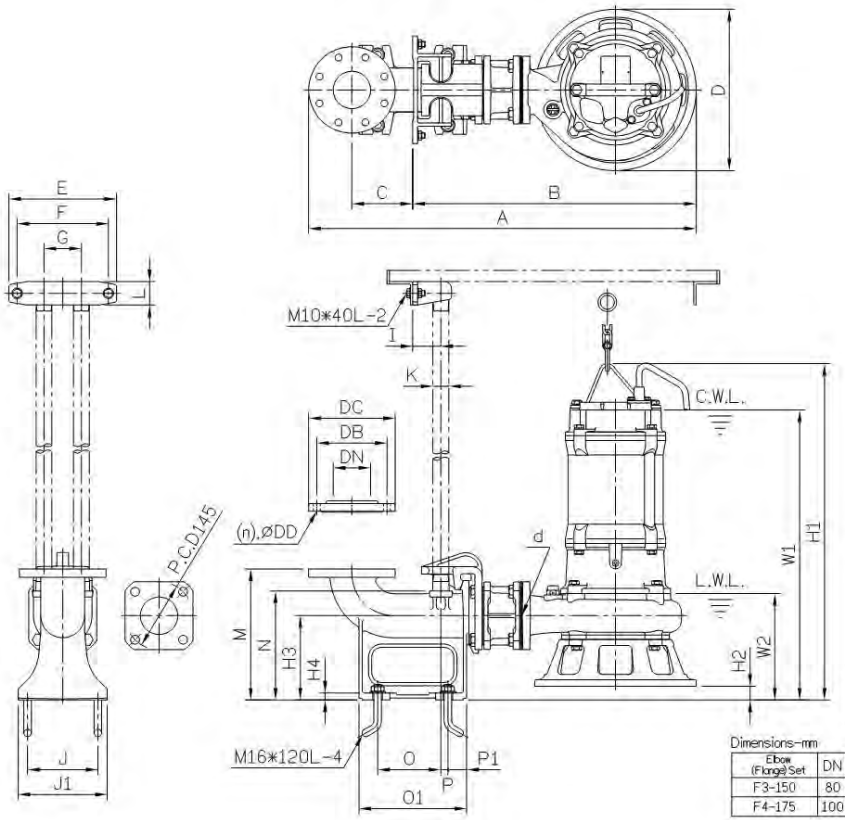
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S3AFP27503T-00

MODEL: 80(100)AFP25.5 & 80(100)AFP27.5

3Ø



Flange

Female Thread	
PT.	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-150	80	150	185	15	8
F4-175	100	175	210	15	8

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-150	3	5 15/16	7 5/16	9/16	8
F4-175	4	6 1/8	8 1/4	9/16	8

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 50Hz/60Hz	GRS Set	WT2
80(100)AFP25.5	80	828	606	130	345	230	195	80	60	150	190	1 1/4"	50	280	233	135	230	15	40	620	228	719	30	180	15	75/74	T80DH	31
80(100)AFP27.5	80	828	606	130	345	230	195	80	60	150	190	1 1/4"	50	280	233	135	230	15	40	620	228	719	30	180	15	81/80	T80DH	31
80(100)AFP25.5	80	860	606	150	345	230	195	80	60	170	210	1 1/4"	50	285	233	155	250	15	40	620	228	719	30	180	15	75/74	T100(80)BH	34
80(100)AFP27.5	80	860	606	150	345	230	195	80	60	170	210	1 1/4"	50	285	233	155	250	15	40	620	228	719	30	180	15	81/80	T100(80)BH	34

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 50Hz/60Hz	GRS Set	WT2
80(100)AFP25.5	3	32 5/8	23 7/8	5 1/8	13 3/16	9 1/16	7 11/16	3 1/8	2 3/8	5 15/16	7 1/2	1 1/4	2	11	9 3/16	5 5/16	9 1/16	9/16	1 9/16	24 7/16	9	28 5/16	1 3/16	7 1/16	9/16	165/163	T80DH	68
80(100)AFP27.5	3	32 5/8	23 7/8	5 1/8	13 3/16	9 1/16	7 11/16	3 1/8	2 3/8	5 15/16	7 1/2	1 1/4	2	11	9 3/16	5 5/16	9 1/16	9/16	1 9/16	24 7/16	9	28 5/16	1 3/16	7 1/16	9/16	179/176	T80DH	68
80(100)AFP25.5	3	33 7/8	23 7/8	5 15/16	13 3/16	9 1/16	7 11/16	3 1/8	2 3/8	6 1/16	8 1/4	1 1/4	2	11 1/4	9 3/16	6 1/8	9 3/16	9/16	1 9/16	24 7/16	9	28 5/16	1 3/16	7 1/16	9/16	165/163	T100(80)BH	75
80(100)AFP27.5	3	33 7/8	23 7/8	5 15/16	13 3/16	9 1/16	7 11/16	3 1/8	2 3/8	6 1/16	8 1/4	1 1/4	2	11 1/4	9 3/16	6 1/8	9 3/16	9/16	1 9/16	24 7/16	9	28 5/16	1 3/16	7 1/16	9/16	179/176	T100(80)BH	75

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

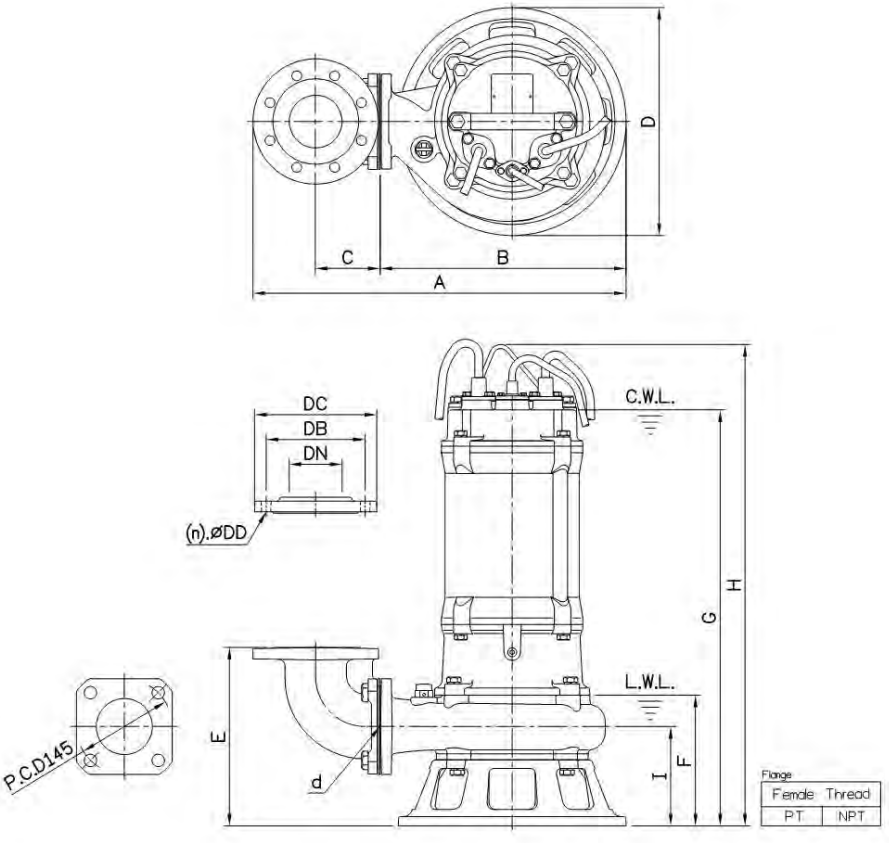
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

DIMENSIONS

No: S3AFP2A1030-00

MODEL: 80(100)AFP211

3Ø



Dimensions-mm

Weight:Kg

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80(100)AFP211	80	565	373	98	345	271	198	630	729	151	91/90	EB3-150A	80	150	185	15	8	12
80(100)AFP211	80	596	373	113	345	282	198	630	729	151	91/90	EB4-175(145)	100	175	210	15	8	14

Dimensions-inch

Weight:Lbs

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80(100)AFP211	3	22 1/4	14 11/16	3/8	13 3/16	10 11/16	7 13/16	24 13/16	28 11/16	5 15/16	201/198	EB3-150A	3	5 15/16	7 5/16	9/16	8	26
80(100)AFP211	3	23 7/16	14 11/16	4/16	13 3/16	11 1/4	7 13/16	24 13/16	28 11/16	5 15/16	201/198	EB4-175(145)	4	6 15/16	8 5/16	9/16	8	30

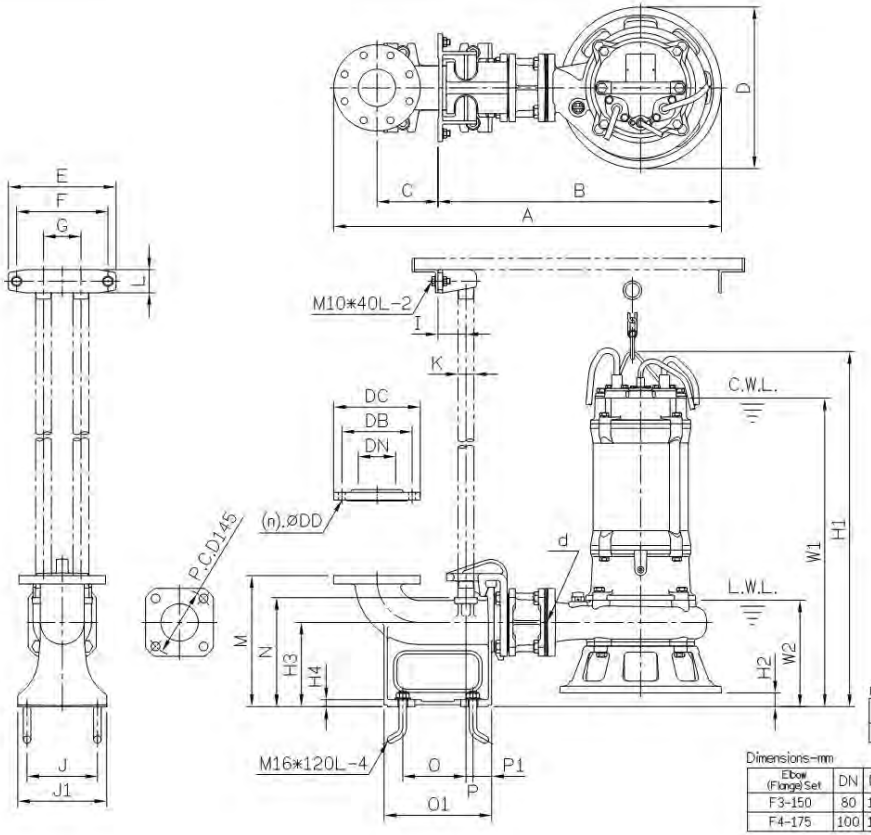
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S3AFP2A103T-00

MODEL: 80(100)AFP211

3Ø



Flange

Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-150	80	150	185	15	8
F4-175	100	175	210	15	8

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-150	3	5 15/16	7 5/16	9/16	8
F4-175	4	6 7/8	8 1/4	9/16	8

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 50Hz/60Hz	GRS Set	WT2
80(100)AFP211	80	828	606	130	345	230	195	80	60	150	190	1 1/4"	50	280	233	135	230	15	40	660	228	759	30	180	15	91/90	T80DH	31
80(100)AFP211	80	860	606	150	345	230	195	80	60	170	210	1 1/4"	50	285	233	155	250	15	40	660	228	759	30	180	15	91/90	T100(80)BH	34

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 50Hz/60Hz	GRS Set	WT2
80(100)AFP211	3	32 5/8	23 7/8	5 1/8	13 3/16	9 1/16	7 11/16	3 1/8	2 3/8	5 15/16	7 1/2	1 1/4	2	11	9 3/16	5 5/16	9 1/16	9/16	1 5/16	26	9	29 7/8	1 3/16	7 1/16	9/16	201/198	T80DH	68
80(100)AFP211	3	33 7/8	23 7/8	5 15/16	13 3/16	9 1/16	7 11/16	3 1/8	2 3/8	6 11/16	8 1/4	1 1/4	2	11 1/4	9 3/16	6 1/4	9 3/16	9/16	1 5/16	26	9	29 7/8	1 3/16	7 1/16	9/16	201/198	T100(80)BH	75

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

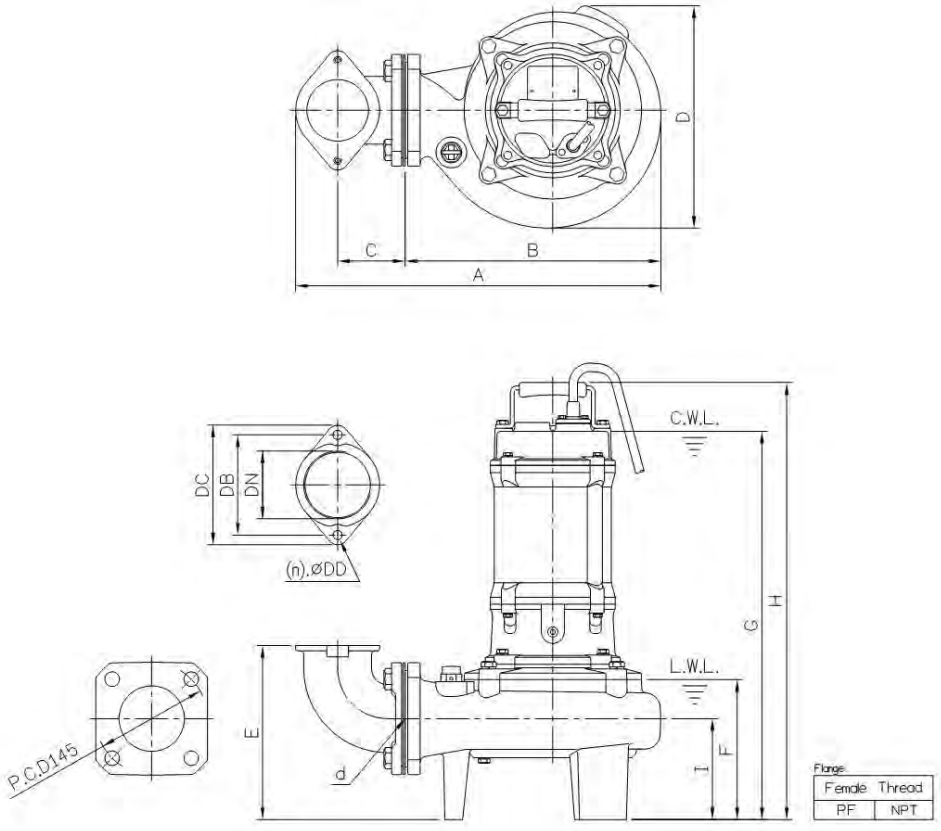
WT1:Pump Weight(Without Cable)
WT2:GRS Set Weight

DIMENSIONS

No: S3AFP415030-00

MODEL: 80AFP41.5

1 Ø & 3 Ø



Dimensions-mm

Weight:kg

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80AFP41.5 1Ø	80	474	332	88	288	226	182	582	645	131	47/46	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 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80AFP41.5 1Ø	3	18 11/16	13 1/16	3 1/16	11 5/16	8 7/8	7 3/16	22 15/16	25 3/8	5 3/16	104/101	EB3-130	3	5 1/8	6 1/8	1/2	2	11
80AFP41.5 3Ø	3	18 11/16	13 1/16	3 1/16	11 5/16	8 7/8	7 3/16	19 13/16	22 5/16	5 3/16	104	EB3-130	3	5 1/8	6 1/8	1/2	2	11

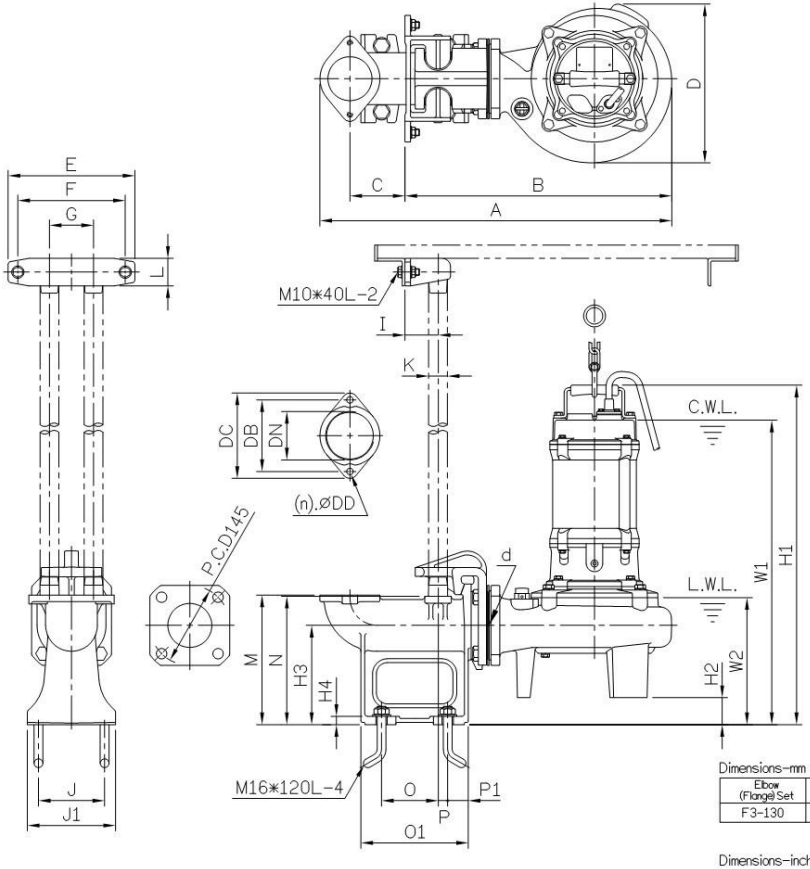
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

No: S3AFP41503T-00

MODEL: 80AFP41.5

1 Ø & 3 Ø



Flange

Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-130	80	130	155	12	2

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-130	3	5 5/16	6 1/8	1/2	2

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 50Hz/60Hz	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	47/46	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

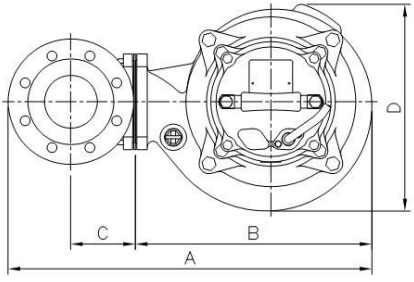
Dimensions-inch — Weight:Lbs

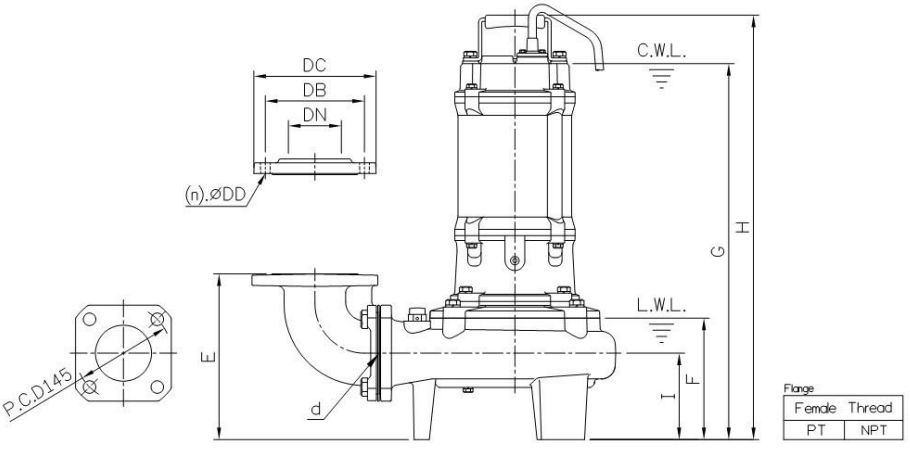
Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1 50Hz/60Hz	GRS Set	WT2
80AFP41.5 1Ø	3	25 3/16	19 1/16	3 5/16	11 5/16	9 1/16	7 11/16	3 1/8	2 3/8	4 3/4	6 5/16	1 1/4	1 15/16	9 1/4	9 3/16	4 1/16	7 11/16	11/16	1 1/2	24 3/16	9 1/16	27 5/16	1 15/16	7 1/16	9/16	104/101	T2-80	43
80AFP41.5 3Ø	3	25 3/16	19 1/16	3 5/16	11 5/16	9 1/16	7 11/16	3 1/8	2 3/8	4 3/4	6 5/16	1 1/4	1 15/16	9 1/4	9 3/16	4 1/16	7 11/16	11/16	1 1/2	21 3/4	9 1/16	24 1/4	1 15/16	7 1/16	9/16	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: S3AFP437030-00**

MODEL: 80AFP42.2 & 80(100)AFP43.7 **3Ø**





Dimensions–mm Weight:Kg

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80AFP42.2	80	550	358	98	313	251	184	529	603	131	58/56	EB3-150A	80	150	185	15	8	12
80(100)AFP43.7	80	550	358	98	313	251	184	569	643	131	67/66	EB3-150A	80	150	185	15	8	12
80(100)AFP43.7	80	581	358	113	313	263	184	569	643	131	67/66	EB4-175(145)	100	175	210	15	8	14

Dimensions–inch Weight:Lbs

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80AFP42.2	3	21⅝	14⅛	3⅞	12⅜	9⅞	7¼	20¹³⁄₁₆	23¾	5⅜	128/123	EB3-150A	3	5¹⁵⁄₁₆	7⅜	⅜	8	26
80(100)AFP43.7	3	21⅝	14⅛	3⅞	12⅜	9⅞	7¼	22⅜	25⅝	5⅜	148/146	EB3-150A	3	5¹⁵⁄₁₆	7⅜	⅜	8	26
80(100)AFP43.7	3	22⅞	14⅛	4⅞	12⅜	10⅜	7¼	22⅜	25⅝	5⅜	148/146	EB4-175(145)	4	6¹⁵⁄₁₆	8⅜	⅜	8	30

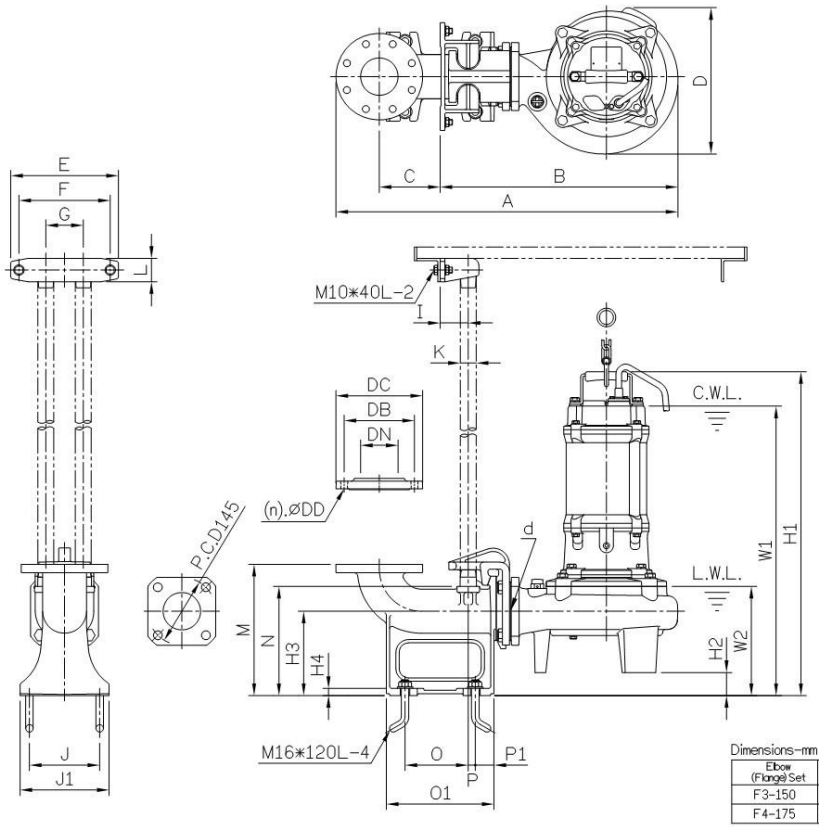
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S3AFP43703T-00

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

3Ø



Flange

Female Thread
PT NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-150	80	150	185	15	8
F4-175	100	175	210	15	8

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-150	3	5 5/16	7 5/16	9/16	8
F4-175	4	6 7/8	8 1/4	9/16	8

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 50Hz/60Hz	GRS Set	WT2
80AFP42.2	80	733	511	130	313	230	195	80	60	150	190	1 1/4"	50	280	233	135	230	15	40	578	233	652	49	180	15	58/56	T80D	27
80(100)AFP43.7	80	733	511	130	313	230	195	80	60	150	190	1 1/4"	50	280	233	135	230	15	40	618	233	692	49	180	15	67/66	T80D	27
80(100)AFP43.7	80	765	511	150	313	230	195	80	60	170	210	1 1/4"	50	285	233	155	250	15	40	618	233	692	49	180	15	67/66	T100(80)B	30

Dimensions-inch

Weight:Lbs

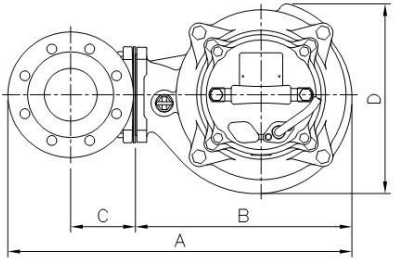
Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1 50Hz/60Hz	GRS Set	WT2
80AFP42.2	3	28 7/8	20 1/8	5 1/8	12 5/16	9 1/16	7 11/16	3 1/8	2 3/8	5 15/16	7 1/2	1 1/4	2	11	9 3/16	5 5/16	9 1/16	9/16	1 1/16	22 3/4	9 3/16	25 11/16	1 15/16	7 1/16	9/16	128/123	T80D	59
80(100)AFP43.7	3	28 7/8	20 1/8	5 1/8	12 5/16	9 1/16	7 11/16	3 1/8	2 3/8	5 15/16	7 1/2	1 1/4	2	11	9 3/16	5 5/16	9 1/16	9/16	1 1/16	24 5/16	9 3/16	27 1/4	1 15/16	7 1/16	9/16	148/146	T80D	59
80(100)AFP43.7	3	30 1/8	20 1/8	5 7/8	12 5/16	9 1/16	7 11/16	3 1/8	2 3/8	6 11/16	8 1/4	1 1/4	2	11 1/4	9 3/16	6 1/8	9 13/16	9/16	1 1/16	24 5/16	9 3/16	27 1/4	1 15/16	7 1/16	9/16	148/146	T100(80)B	67

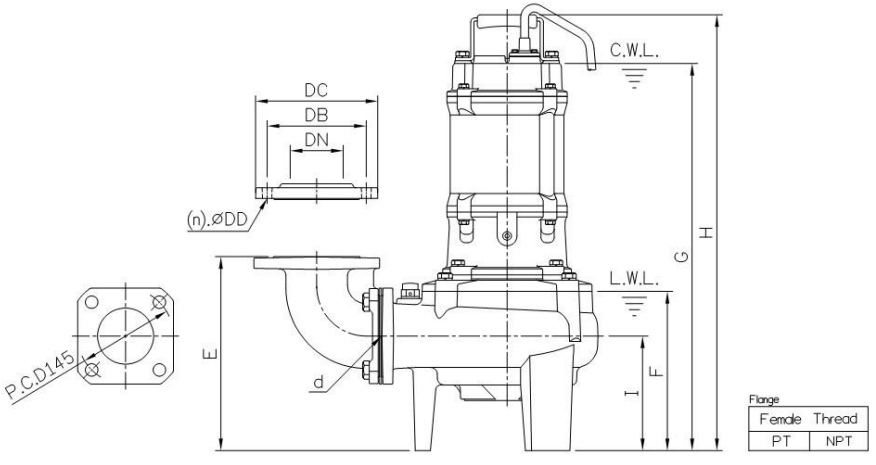
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level

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

DIMENSIONS **No: S3AFE422030-00**

MODEL: 80(100)AFE42.2 **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	80	521	328	98	287	294	241	586	660	174	60	EB3-150A	80	150	185	15	8	12
80(100)AFE42.2	80	551	328	113	287	305	241	586	660	174	60	EB4-175(145)	100	175	210	15	8	14

Dimensions-inch Weight:Lbs

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	3	20 1/2	12 15/16	3 7/8	11 5/16	11 5/16	9 1/2	23 3/16	26	6 7/8	132	EB3-150A	3	5 7/8	7 5/16	9/16	8	26
80(100)AFE42.2	3	21 11/16	12 15/16	4 7/16	11 5/16	12	9 1/2	23 3/16	26	6 7/8	132	EB4-175(145)	4	6 7/8	8 1/4	9/16	8	31

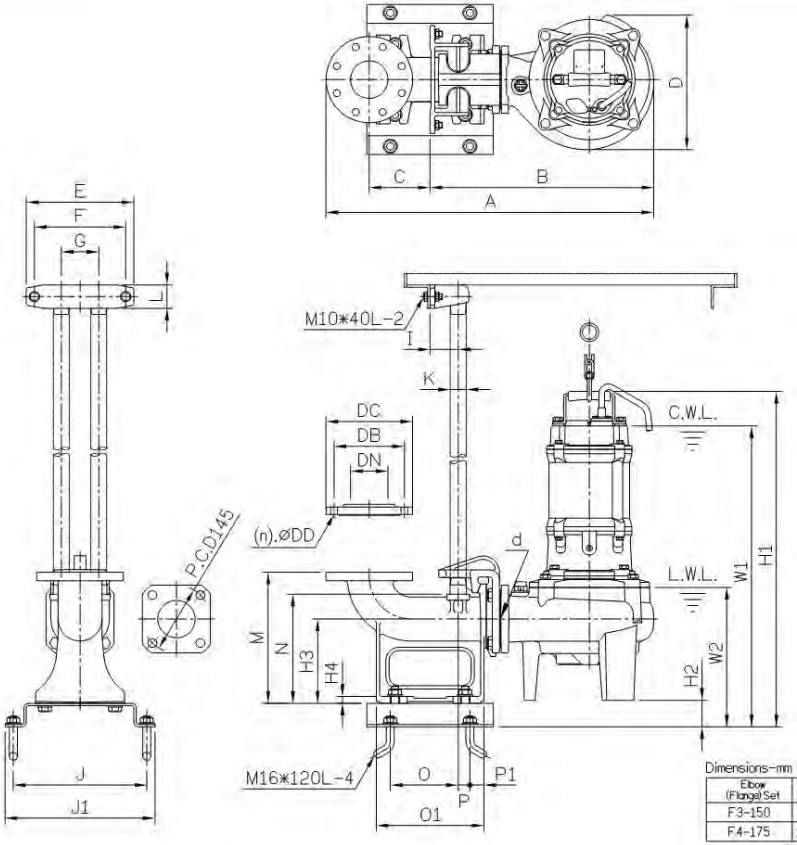
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S3AFE42203T-00

MODEL: 80(100)AFE42.2

3Ø



Flange

Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-150	80	150	185	15	8
F4-175	100	175	210	15	8

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-150	3	5 15/16	7 5/16	9/16	8
F4-175	4	6 7/8	8 1/4	9/16	8

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
80(100)AFE42.2	80	703	481	130	287	230	195	80	60	285	320	1 1/4"	50	280	233	145	230	25	30	643	298	716	57	180	15	60	T80D-E5	30
80(100)AFE42.2	80	735	481	150	287	230	195	80	60	285	320	1 1/4"	50	285	233	155	250	15	40	643	298	716	57	180	15	60	T100(80)B-E5	33

Dimensions-inch

Weight:lb

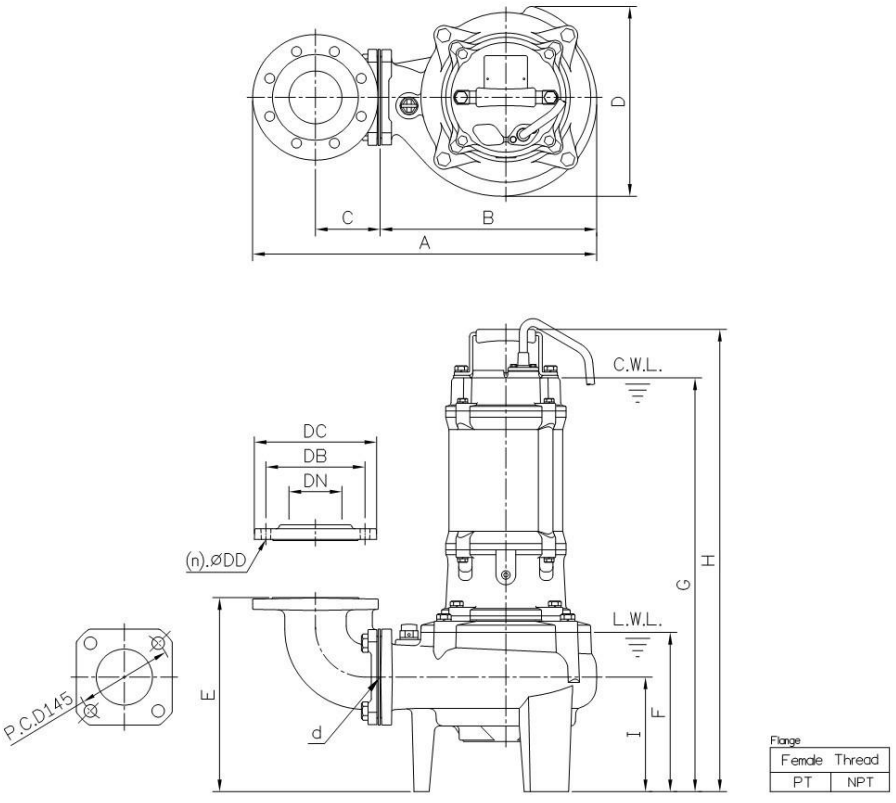
Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	GRS Set	WT2
80(100)AFE42.2	3	27 11/16	18 15/16	5 1/8	11 3/16	9 1/16	7 11/16	3 1/8	2 3/8	11 1/4	12 5/8	1 1/4	2	11	9 3/16	5 11/16	9 1/16	1	1 3/16	25 5/16	11 3/4	28 3/16	2 1/4	7 1/16	9/16	132	T80D-E5	66
80(100)AFE42.2	3	28 5/16	18 15/16	5 5/16	11 3/16	9 1/16	7 11/16	3 1/8	2 3/8	11 1/4	12 5/8	1 1/4	2	11 1/4	9 3/16	6 1/8	9 3/8	9/16	1 1/16	25 5/16	11 3/4	28 3/16	2 1/4	7 1/16	9/16	132	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: S3AFE437030-00

MODEL: 80(100)AFE43.7 3Ø



Dimensions-mm Weight:kg

Model	d	A	B	C	D	E	F	G	H	I	WT1	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
80(100)AFE43.7_50Hz	80	539	346	98	304	294	241	626	700	174	71	EB3-150A	80	150	185	15	8	12
80(100)AFE43.7_60Hz	80	521	328	98	287	294	241	626	700	174	68	EB3-150A	80	150	185	15	8	12
80(100)AFE43.7_50Hz	80	569	346	113	304	305	241	626	700	174	71	EB4-175(145)	100	175	210	15	8	14
80(100)AFE43.7_60Hz	80	551	328	113	287	305	241	626	700	174	68	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)AFE43.7_50Hz	3	21 1/4	13 5/8	3 7/8	11 5/16	11 3/16	9 1/2	24 5/8	27 9/16	6 7/8	157	EB3-150A	3	5 7/8	7 5/16	9/16	8	26
80(100)AFE43.7_60Hz	3	20 1/2	12 15/16	3 7/8	11 5/16	11 3/16	9 1/2	24 5/8	27 9/16	6 7/8	150	EB3-150A	3	5 7/8	7 5/16	9/16	8	26
80(100)AFE43.7_50Hz	3	22 3/8	13 5/8	4 7/16	11 5/16	12	9 1/2	24 5/8	27 9/16	6 7/8	157	EB4-175(145)	4	6 15/16	8 5/16	9/16	8	30
80(100)AFE43.7_60Hz	3	21 11/16	12 15/16	4 7/16	11 5/16	12	9 1/2	24 5/8	27 9/16	6 7/8	150	EB4-175(145)	4	6 15/16	8 5/16	9/16	8	30

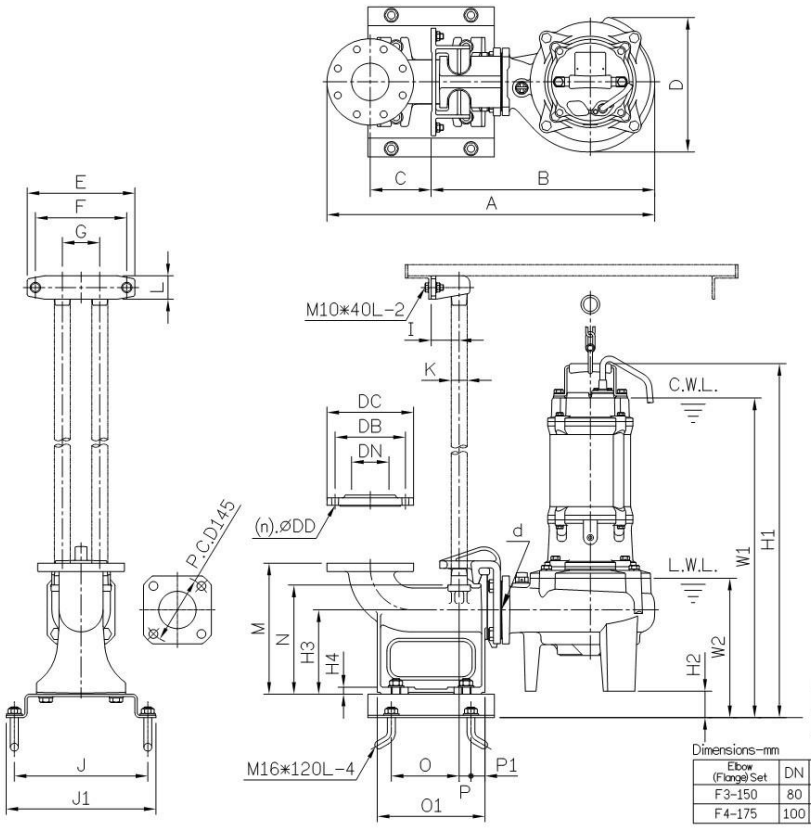
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S3AFE43703T-00

MODEL: 80(100)AFE43.7

3Ø



Flange

Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-150	80	150	185	15	8
F4-175	100	175	210	15	8

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F3-150	3	5 15/16	7 5/16	5/8	8
F4-175	4	6 7/8	8 1/4	5/8	8

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
80(100)AFE43.7_50Hz	80	721	499	130	304	230	195	80	60	285	320	1 1/4"	50	280	233	145	230	25	30	683	298	756	57	180	15	71	T80D-E5	30
80(100)AFE43.7_60Hz	80	703	481	130	287	230	195	80	60	285	320	1 1/4"	50	280	233	145	230	25	30	683	298	756	57	180	15	68	T80D-E5	30
80(100)AFE43.7_50Hz	80	753	499	150	304	230	195	80	60	285	320	1 1/4"	50	285	233	155	250	15	40	683	298	756	57	180	15	71	T100(80)B-E5	33
80(100)AFE43.7_60Hz	80	735	481	150	287	230	195	80	60	285	320	1 1/4"	50	285	233	155	250	15	40	683	298	756	57	180	15	68	T100(80)B-E5	33

Dimensions-inch Weight:lb

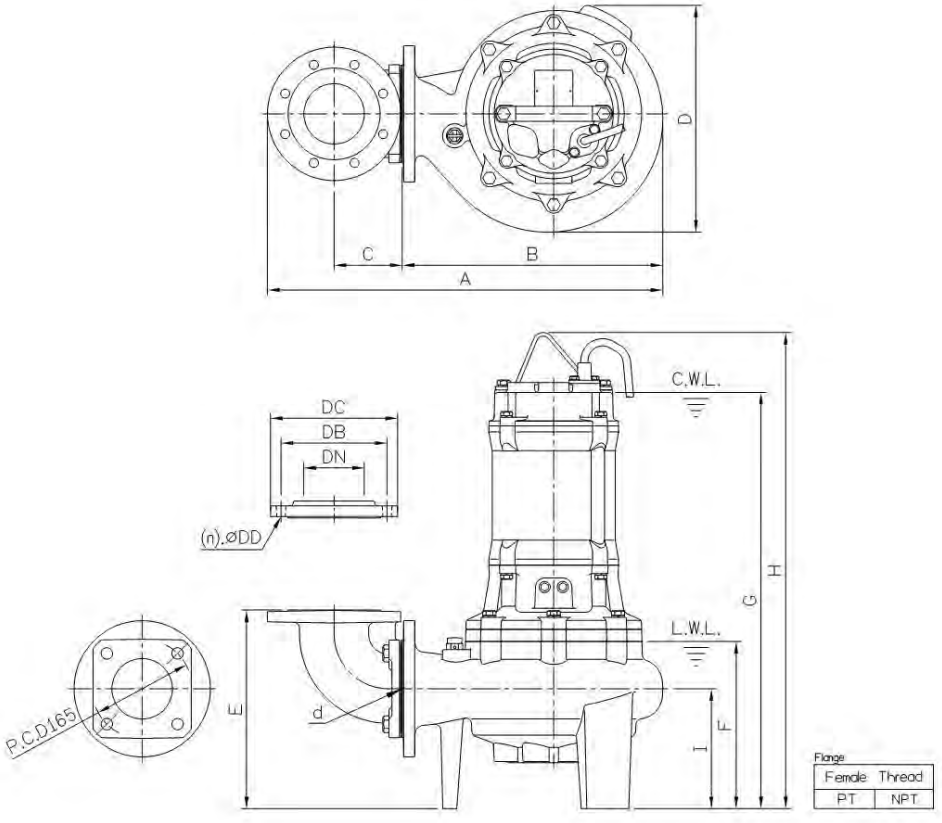
Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	GRS Set	WT2
80(100)AFE43.7_50Hz	3	28 3/8	19 5/8	5 1/8	11 15/16	9 1/16	7 11/16	3 1/16	2 3/8	11 1/4	12 5/8	1 1/4	2	11	9 3/16	5 11/16	9 1/16	1	1 3/16	26 3/8	11 3/4	29 3/4	2 1/4	7 1/16	9/16	157	T80D-E5	66
80(100)AFE43.7_60Hz	3	27 11/16	18 15/16	5 1/8	11 5/16	9 1/16	7 11/16	3 1/16	2 3/8	11 1/4	12 5/8	1 1/4	2	11	9 3/16	5 11/16	9 1/16	1	1 3/16	26 3/8	11 3/4	29 3/4	2 1/4	7 1/16	9/16	150	T80D-E5	66
80(100)AFE43.7_50Hz	3	29 5/8	19 5/8	5 15/16	11 15/16	9 1/16	7 11/16	3 1/16	2 3/8	11 1/4	12 5/8	1 1/4	2	11 1/4	9 3/16	6 1/8	9 3/16	9/16	1 3/16	26 3/8	11 3/4	29 3/4	2 1/4	7 1/16	9/16	157	T100(80)B-E5	73
80(100)AFE43.7_60Hz	3	28 15/16	18 15/16	5 13/16	11 5/16	9 1/16	7 11/16	3 1/16	2 3/8	11 1/4	12 5/8	1 1/4	2	11 1/4	9 3/16	6 1/8	9 3/16	9/16	1 3/16	26 3/8	11 3/4	29 3/4	2 1/4	7 1/16	9/16	150	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 & 100(150)AFE47.5 (4") 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_50Hz	100	653	430	113	374	328	276	687	786	198	110	EB4-175A	100	175	210	15	8	13
100(150)AFE45.5_60Hz	100	618	395	113	345	308	261	672	771	178	104	EB4-175A	100	175	210	15	8	13
100(150)AFE47.5_50Hz	100	653	430	113	374	328	276	727	826	198	120	EB4-175A	100	175	210	15	8	13
100(150)AFE47.5_60Hz	100	618	395	113	345	308	261	712	811	178	113	EB4-175A	100	175	210	15	8	13

Dimensions-inch Weight:lb

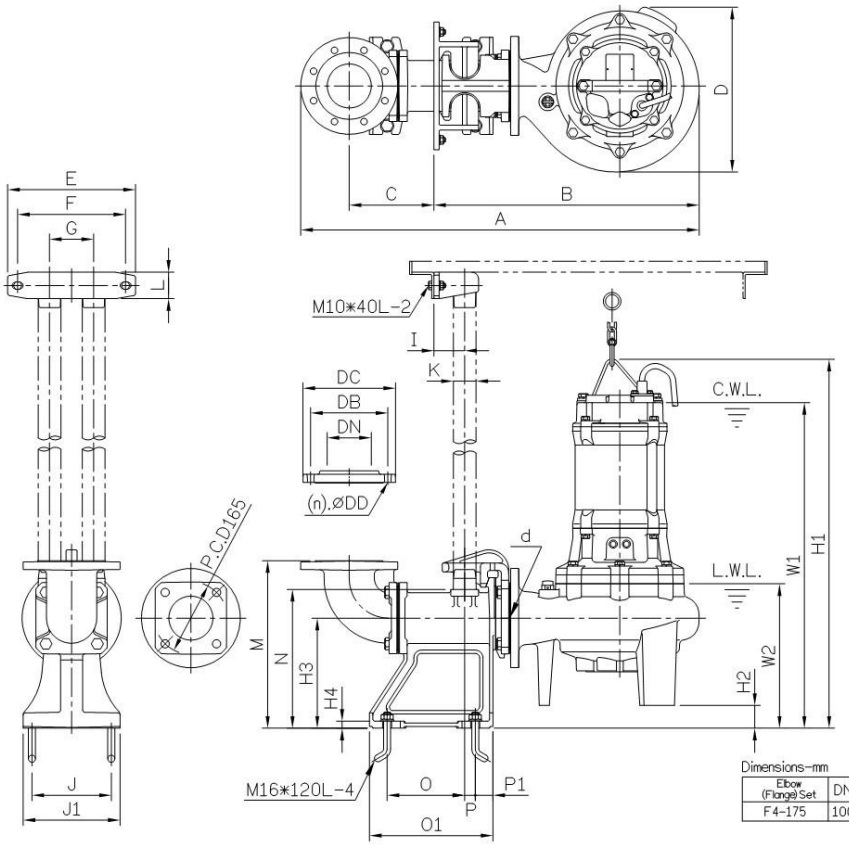
Model	d	A	B	C	D	E	F	G	H	I	WT1	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
100(150)AFE45.5_50Hz	4	25 1/16	16 5/16	4 7/16	14 3/4	12 15/16	10 7/8	27 1/16	30 15/16	7 3/16	243	EB4-175A	4	6 3/4	8 1/4	3/16	8	29
100(150)AFE45.5_60Hz	4	24 5/16	15 5/16	4 7/16	13 3/16	12 1/16	10 1/4	26 7/16	30 3/8	7	229	EB4-175A	4	6 3/4	8 1/4	3/16	8	29
100(150)AFE47.5_50Hz	4	25 11/16	16 5/16	4 7/16	14 3/4	12 15/16	10 7/8	28 5/8	32 1/2	7 3/16	265	EB4-175A	4	6 3/4	8 1/4	3/16	8	29
100(150)AFE47.5_60Hz	4	24 5/16	15 5/16	4 7/16	13 3/16	12 1/16	10 1/4	28 1/16	31 15/16	7	249	EB4-175A	4	6 3/4	8 1/4	3/16	8	29

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

DIMENSIONS

No: S4AFE47503T-00

MODEL: 100(150)AFE45.5 & 100(150)AFE47.5 (4") 3Ø



Flange

Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F4-175	100	175	210	15	8

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F4-175	4	6 7/8	8 1/4	9/16	8

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
100(150)AFE45.5_50Hz	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)AFE45.5_60Hz	100	872	570	192	345	290	245	100	70	180	220	2"	60	380	315	176	280	24	40	744	333	843	72	250	16	104	T100B	45
100(150)AFE47.5_50Hz	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)AFE47.5_60Hz	100	872	570	192	345	290	245	100	70	180	220	2"	60	380	315	176	280	24	40	784	333	883	72	250	16	113	T100B	45

Dimensions-inch Weight:lb

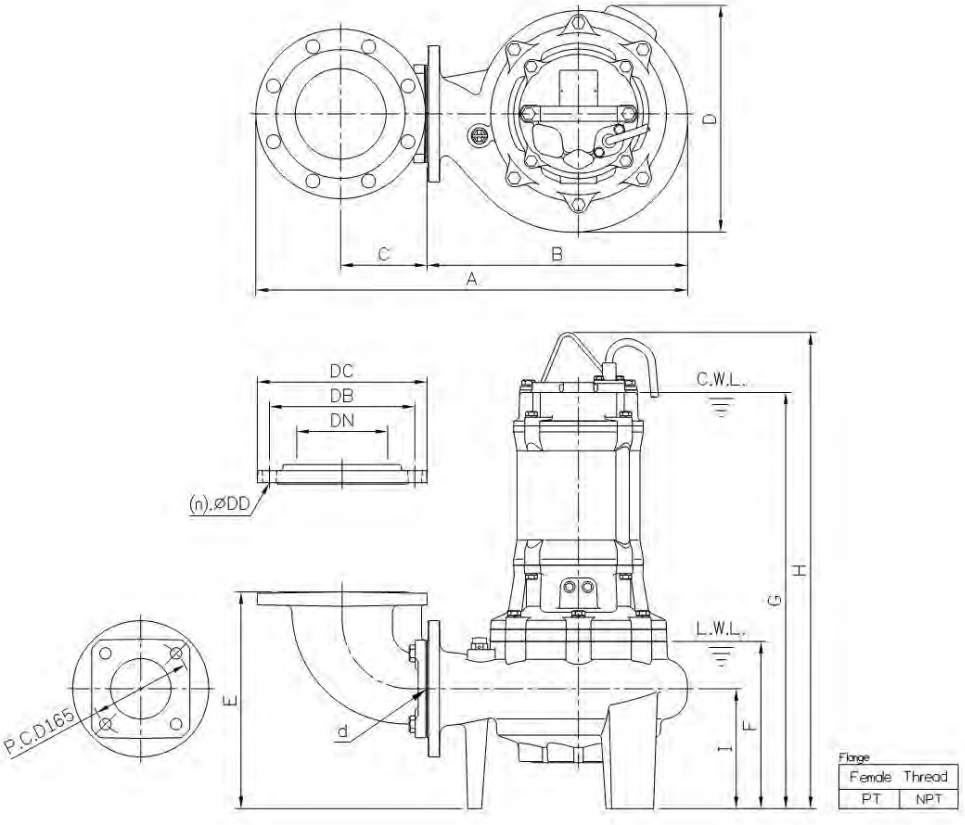
Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1	GRS Set	WT2
100(150)AFE45.5_50Hz	4	35 11/16	23 13/16	7 9/16	14 3/4	11 7/16	9 5/8	3 15/16	2 3/4	7 1/16	8 11/16	2	2 3/8	14 15/16	12 3/8	6 15/16	11	15/16	1 9/16	29 1/8	12 15/16	33	2 1/16	9 13/16	5/8	243	T100B	99
100(150)AFE45.5_60Hz	4	34 5/16	22 7/16	7 9/16	13 3/16	11 7/16	9 5/8	3 15/16	2 3/4	7 1/16	8 11/16	2	2 3/8	14 15/16	12 3/8	6 15/16	11	15/16	1 9/16	29 5/16	13 1/8	33 3/16	2 1/16	9 13/16	5/8	229	T100B	99
100(150)AFE47.5_50Hz	4	35 11/16	23 13/16	7 9/16	14 3/4	11 7/16	9 5/8	3 15/16	2 3/4	7 1/16	8 11/16	2	2 3/8	14 15/16	12 3/8	6 15/16	11	15/16	1 9/16	30 11/16	12 15/16	34 9/16	2 1/16	9 13/16	5/8	265	T100B	99
100(150)AFE47.5_60Hz	4	34 5/16	22 7/16	7 9/16	13 3/16	11 7/16	9 5/8	3 15/16	2 3/4	7 1/16	8 11/16	2	2 3/8	14 15/16	12 3/8	6 15/16	11	15/16	1 9/16	30 1/8	13 1/8	34 3/4	2 1/16	9 13/16	5/8	249	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: S4AFE475032-00

MODEL: 100(150)AFE45.5 & 100(150)AFE47.5 (6") 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_50Hz	100	713	430	143	374	358	276	687	786	198	110	EB6-240(165)	150	240	280	23	8	23
100(150)AFE45.5_60Hz	100	678	395	143	345	338	261	672	771	178	104	EB6-240(165)	150	240	280	23	8	23
100(150)AFE47.5_50Hz	100	713	430	143	374	358	276	727	826	198	120	EB6-240(165)	150	240	280	23	8	23
100(150)AFE47.5_60Hz	100	678	395	143	345	338	261	712	811	178	113	EB6-240(165)	150	240	280	23	8	23

Dimensions-inch Weight:lb

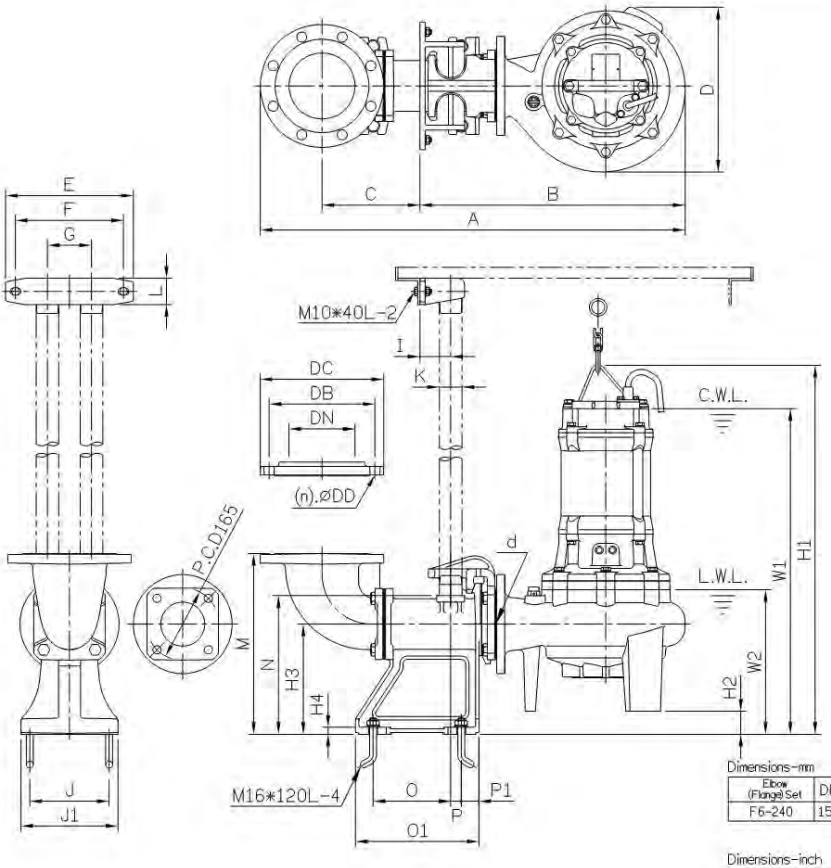
Model	d	A	B	C	D	E	F	G	H	I	WT1	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
100(150)AFE45.5_50Hz	4	28 1/16	16 15/16	5 5/8	14 3/4	14 1/8	10 7/8	27 1/16	30 15/16	7 3/16	243	EB6-240(165)	6	9 1/16	11	7/8	8	51
100(150)AFE45.5_60Hz	4	26 11/16	15 3/8	5 5/8	13 3/8	13 5/16	10 1/4	26 7/16	30 3/8	7	229	EB6-240(165)	6	9 1/16	11	7/8	8	51
100(150)AFE47.5_50Hz	4	28 1/16	16 15/16	5 5/8	14 3/4	14 1/8	10 7/8	28 5/8	32 1/2	7 3/16	265	EB6-240(165)	6	9 1/16	11	7/8	8	51
100(150)AFE47.5_60Hz	4	26 11/16	15 3/16	5 5/8	13 3/16	13 5/16	10 1/4	28 1/16	31 7/8	7	249	EB6-240(165)	6	9 1/16	11	7/8	8	51

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

DIMENSIONS

No: S6AFE47503T-00

MODEL: 100(150)AFE45.5 & 100(150)AFE47.5 (6") 3Ø



Flange

Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F6-240	150	240	280	23	8

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F6-240	6	9 7/16	11	7/8	8

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
100(150)AFE45.5_50Hz	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)AFE45.5_60Hz	100	932	570	192	345	290	245	100	70	180	220	2"	60	410	315	176	280	24	40	744	333	843	72	250	16	104	T150(100)B	50
100(150)AFE47.5_50Hz	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
100(150)AFE47.5_60Hz	100	932	570	192	345	290	245	100	70	180	220	2"	60	410	315	176	280	24	40	784	333	883	72	250	16	113	T150(100)B	50

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
100(150)AFE45.5_50Hz	4	38 1/16	23 13/16	7 9/16	14 3/4	11 7/16	9 5/8	3 15/16	2 3/4	7 1/16	8 11/16	2	2 3/8	16 1/8	12 3/8	6 15/16	11	15/16	1 9/16	29 1/8	12 15/16	33	2 1/16	9 13/16	5/8	243	T150(100)B	110
100(150)AFE45.5_60Hz	4	36 11/16	22 7/16	7 9/16	13 9/16	11 7/16	9 5/8	3 15/16	2 3/4	7 1/16	8 11/16	2	2 3/8	16 1/8	12 3/8	6 15/16	11	15/16	1 9/16	29 5/16	13 1/8	33 3/16	2 13/16	9 13/16	5/8	229	T150(100)B	110
100(150)AFE47.5_50Hz	4	38 1/16	23 13/16	7 9/16	14 3/4	11 7/16	9 5/8	3 15/16	2 3/4	7 1/16	8 11/16	2	2 3/8	16 1/8	12 3/8	6 15/16	11	15/16	1 9/16	30 11/16	12 15/16	34 5/8	2 1/16	9 13/16	5/8	265	T150(100)B	110
100(150)AFE47.5_60Hz	4	36 11/16	22 7/16	7 9/16	13 9/16	11 7/16	9 5/8	3 15/16	2 3/4	7 1/16	8 11/16	2	2 3/8	16 1/8	12 3/8	6 15/16	11	15/16	1 9/16	30 1/8	13 1/8	34 3/4	2 13/16	9 13/16	5/8	249	T150(100)B	110

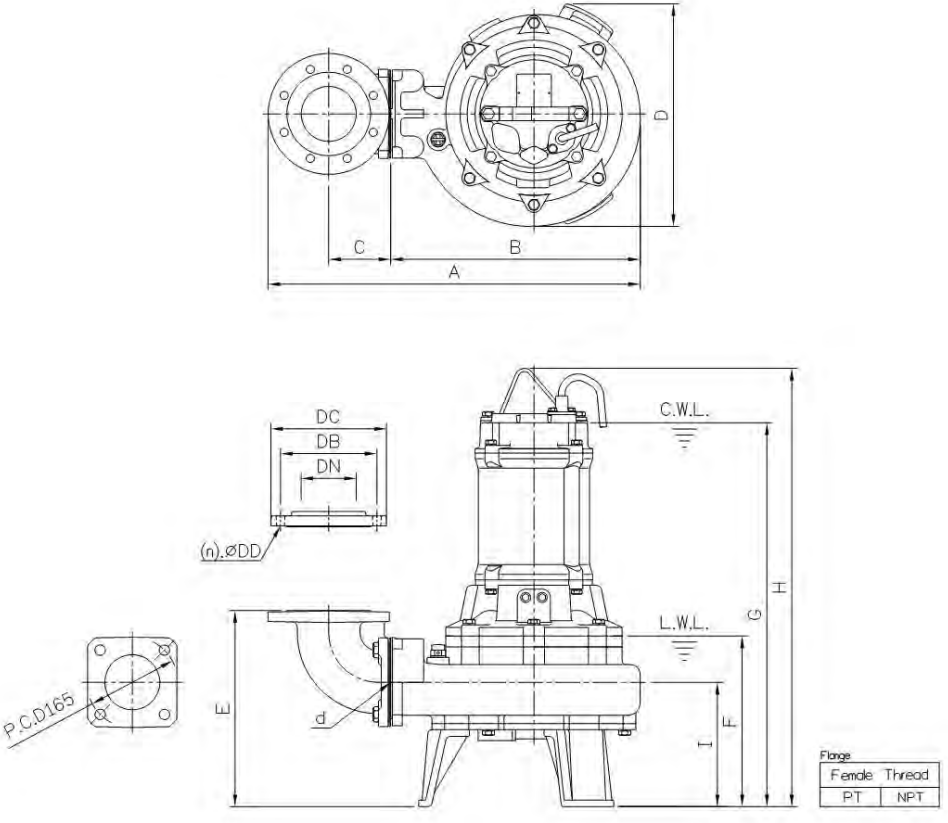
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:GRS Set Weight

DIMENSIONS

No: S4AFE455A30-00

MODEL: AF-55AE & AF-55AU

3Ø



Dimensions-mm

Weight:Kg

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
AF-55AE	100	676	453	113	404	356	310	697	796	226	124/121	EB4-175A	100	175	210	15	8	13
AF-55AU	100	676	453	113	404	356	310	697	796	226	115/114	EB4-175A	100	175	210	15	8	13

Dimensions-inch

Weight:Lbs

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
AF-55AE	4	26 5/8	17 13/16	4 7/16	15 7/8	14	12 3/16	27 7/16	31 5/16	8 1/8	273/267	EB4-175A	4	6 7/8	8 1/4	3/16	8	29
AF-55AU	4	26 5/8	17 13/16	4 7/16	15 7/8	14	12 3/16	27 7/16	31 5/16	8 1/8	254/251	EB4-175A	4	6 7/8	8 1/4	3/16	8	29

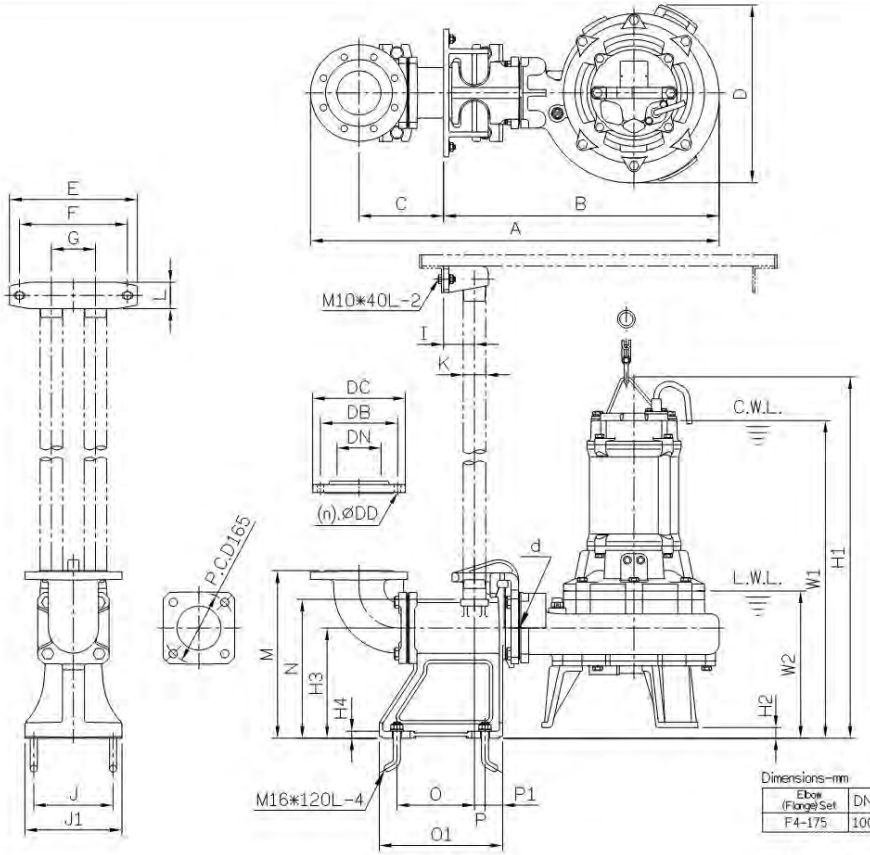
C.W.L.:Continuous Running Water Level
L.W.L.:Lowest Running Water Level
WT1:Pump Weight(Without Cable)
WT2:Elbow Set Weight

DIMENSIONS

No: S4AFE455A3T-00

MODEL: AF-55AE & AF-55AU

3Ø



Flange

Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F4-175	100	175	210	15	8

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F4-175	4	6 7/8	8 1/4	9/16	8

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 50Hz/60Hz	GRS Model	WT2
AF-55AE	100	930	628	192	404	290	245	100	70	180	220	2"	60	380	315	176	280	24	40	721	334	820	24	250	16	124/121	T100B	45
AF-55AU	100	930	628	192	404	290	245	100	70	180	220	2"	60	380	315	176	280	24	40	721	334	820	24	250	16	115/114	T100B	45

Dimensions-inch

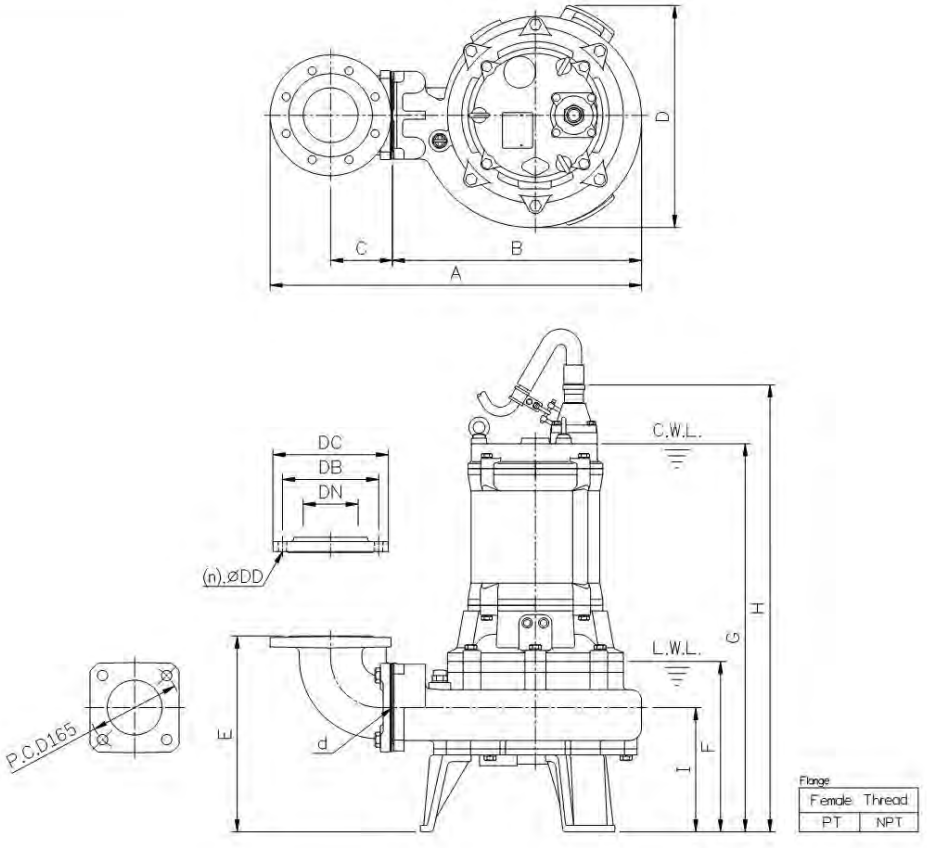
Weight:lb

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 50Hz/60Hz	GRS Model	WT2
AF-55AE	4	36 5/8	24 3/4	7 9/16	15 7/8	11 7/16	9 5/8	3 15/16	2 3/4	7 1/16	8 11/16	2	2 3/8	14 15/16	12 3/8	6 15/16	11	15/16	1 9/16	28 3/8	13 1/8	32 5/16	15/16	9 13/16	5/8	273/267	T100B	99
AF-55AU	4	36 5/8	24 3/4	7 9/16	15 7/8	11 7/16	9 5/8	3 15/16	2 3/4	7 1/16	8 11/16	2	2 3/8	14 15/16	12 3/8	6 15/16	11	15/16	1 9/16	28 3/8	13 1/8	32 5/16	15/16	9 13/16	5/8	254/251	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: S4AFE475030-00**

MODEL: AF-75E **3Ø**



Dimensions-mm Weight:kg

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
AF-75E	100	676	453	113	404	356	310	706	813	226	138/135	EB4-175A	100	175	210	15	8	13

Dimensions-inch Weight:lb

Model	d	A	B	C	D	E	F	G	H	I	WT1 50Hz/60Hz	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
AF-75E	4	26 5/8	17 13/16	4 7/16	15 7/8	14	12 3/16	27 13/16	32	8 7/8	304/298	EB4-175A	4	6 3/4	8 1/4	3/16	8	29

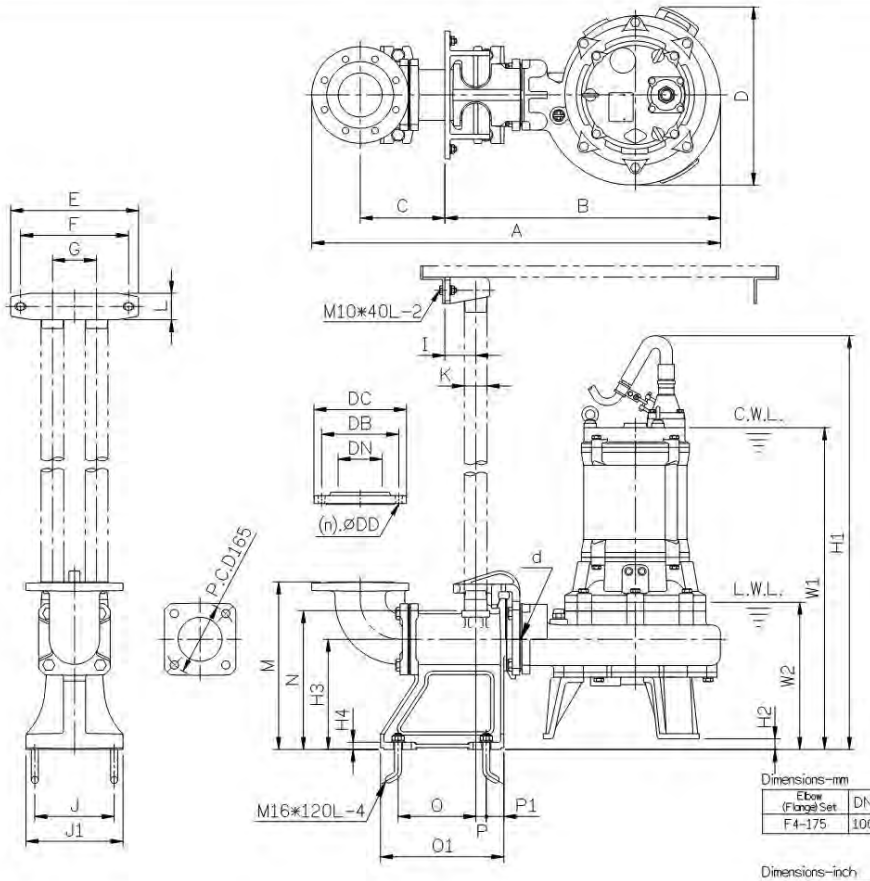
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S4AFE47503T-00

MODEL: AF-75E

3Ø



Flange

Female Thread	
PT	NPT

Dimensions-mm

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F4-175	100	175	210	15	8

Dimensions-inch

Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY
F4-175	4	6 7/8	8 1/4	9/16	8

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 50Hz/60Hz	GRS Model	WT2
AF-75E	100	930	628	192	404	290	245	100	70	180	220	2"	60	380	315	176	280	24	40	730	334	939	24	250	16	138/135	T100B	45

Dimensions-inch

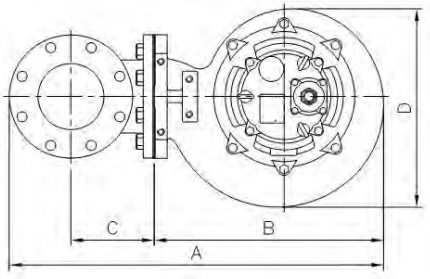
Weight:lb

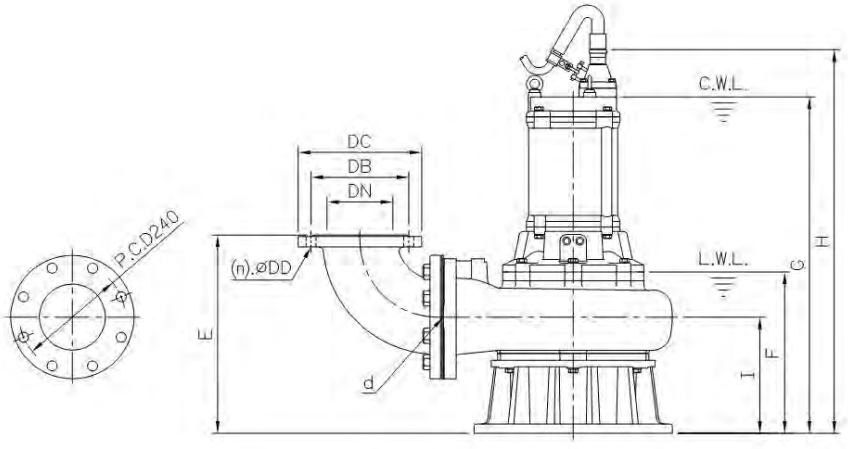
Model	d	A	B	C	D	E	F	G	I	J	J1	K	L	M	N	O	O1	P	P1	W1	W2	H1	H2	H3	H4	WT1 50Hz/60Hz	GRS Model	WT2
AF-75E	4	36 3/8	24 3/4	7 9/16	15 7/8	11 1/16	9 5/8	3 15/16	2 3/4	7 1/16	8 11/16	2	2 3/8	14 15/16	12 3/8	6 15/16	11	15/16	1 9/16	28 3/4	13 1/8	36 15/16	15/16	9 13/16	5/8	304/298	T100B	99

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: S6AF0475030-00**

MODEL: AF-610 **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-610	150	850	521	189	450	450	367	764	871	264	183	EB6-240	150	240	280	23	8	36

Dimensions-inch Weight:Lbs

Model	d	A	B	C	D	E	F	G	H	I	WT1	Elbow (Flange) Set	DN	DB	DC	DD	(n)QTY	WT2
AF-610	6	33 3/16	20 1/2	7 7/16	17 11/16	17 11/16	14 7/16	30 1/16	34 5/16	10 3/8	403	EB6-240	6	9 7/16	11	15/16	8	79

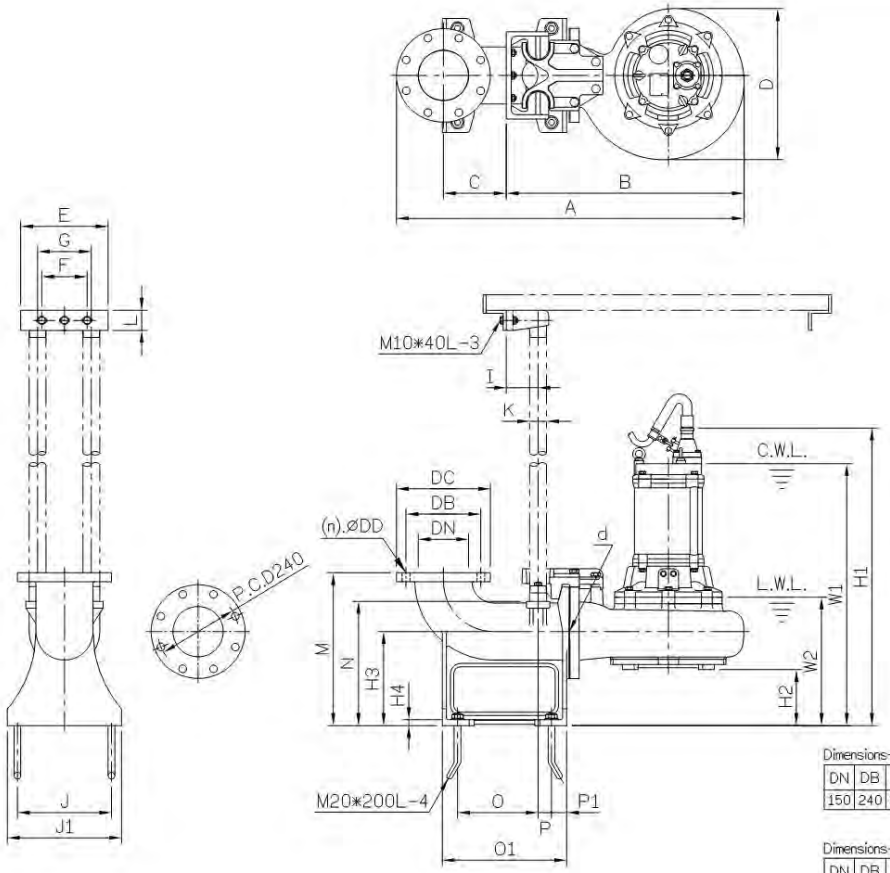
C.W.L.:Continuous Running Water Level WT1:Pump Weight(Without Cable)
L.W.L.:Lowest Running Water Level WT2:Elbow Set Weight

DIMENSIONS

No: S6AF047503T-00

MODEL: AF-610

3Ø



Dimensions-mm

DN	DB	DC	DD	(n)QTY
150	240	280	23	8

Dimensions-inch

DN	DB	DC	DD	(n)QTY
6	9 7/16	11	7/8	8

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-610	150	1035	709	187	450	260	135	160	95	280	340	2"	60	455	370	240	370	40	45	780	384	887	167	280	18	154	T150	97

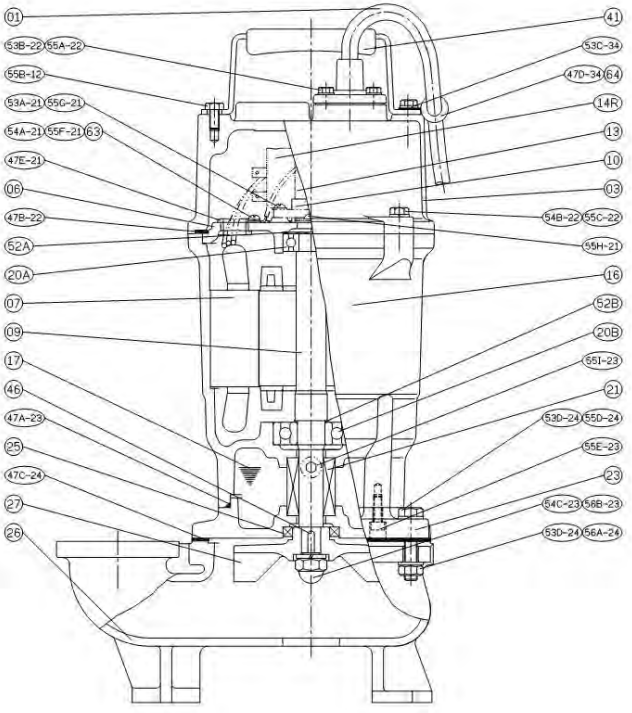
Dimensions-inch — Weight:lb

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-610	6	40 3/4	27 15/16	7 3/8	17 11/16	10 1/4	5 5/16	6 5/16	3 3/4	11	13 3/8	2	2 3/8	17 15/16	14 5/8	9 7/16	14 5/8	1 9/16	1 3/4	30 11/16	15 1/8	34 5/16	6 9/16	11	11/16	340	T150	214

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

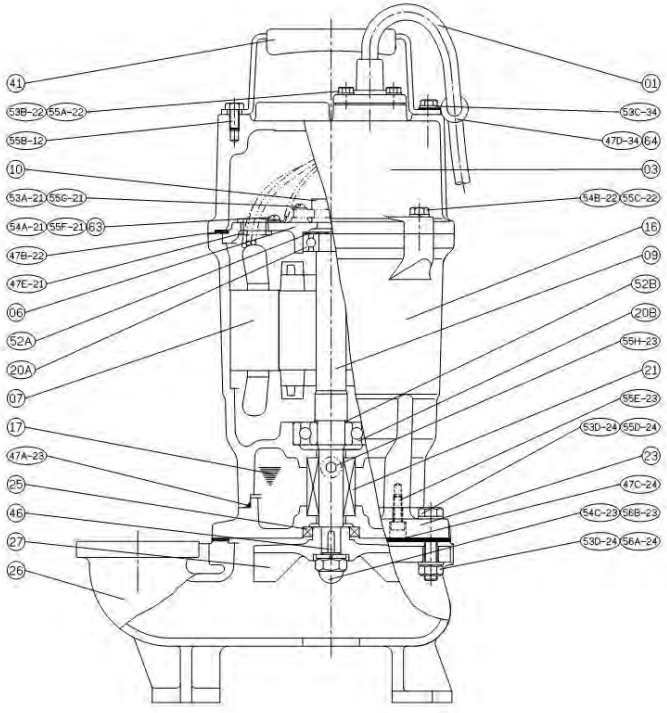
SECTIONAL VIEWS **No: 02AFU208010-00**

MODEL: 50AFU2.4 & 50AFU2.8 **1Ø**



No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
06	Bracket	FC200	1	
07	Stator		1	
09	Shaft end	SUS410	1	
10	Auto-cut		1	
14R	Capacitor		1	
16	Motor frame	FC200	1	
17	Lubricant			
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / SiC / CE & SiC	1	
23	M. seal bracket	FC200	1	

No.	Part name	Material	QTY	Remark
25	Oil seal	NBR	1	
26	Casing	FC200	1	
27	Impeller	FC200	1	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Packing			

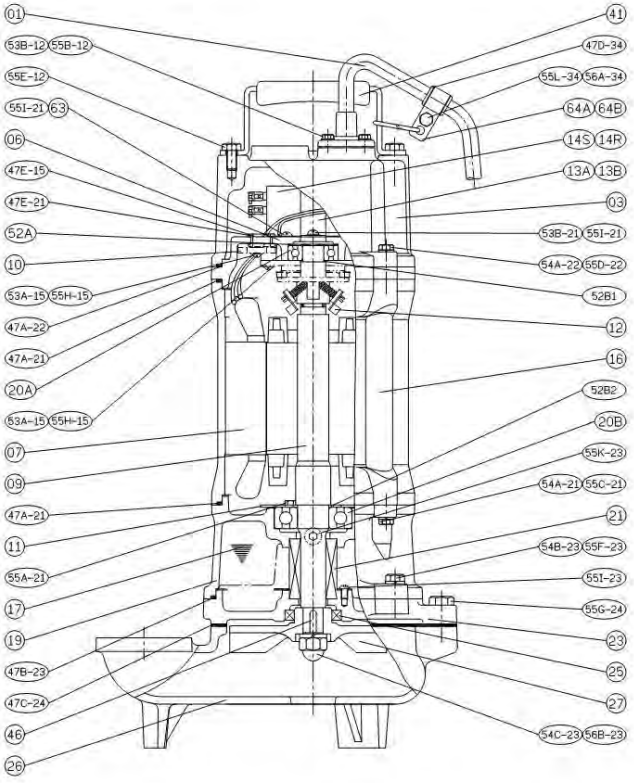


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
06	Bracket	FC200	1	
07	Stator		1	
09	Shaft end	SUS410	1	
10	Auto-cut		1	
16	Motor frame	FC200	1	
17	Lubricant			
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SiC / SiC	1	
23	M. seal bracket	FC200	1	
25	Oil seal	NBR	1	

No.	Part name	Material	QTY	Remark
26	Casing	FC200	1	
27	Impeller	FC200	1	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Packing			

SECTIONAL VIEWS **No: 02AFU215010-00**

MODEL: 50AFU21.5 **1Ø**

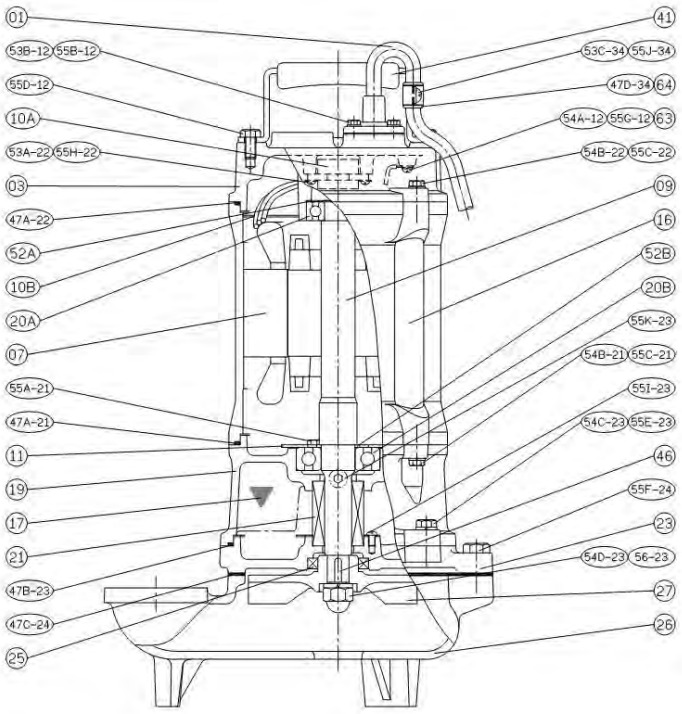


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
06	Bracket	FC200	1	
07	Stator		1	
09	Shaft end	SUS403	1	
10	Auto-cut		1	
11	Bearing fixer	SPCC	1	
12	Centrifugal switch		1	
14R	Capacitor		1	
14S	Start capacitor		1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	

No.	Part name	Material	QTY	Remark
20A	Bearing		1	
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	Packing			

SECTIONAL VIEWS **No: 02AFU215030-00**

MODEL: 50AFU21.5 **3Ø**

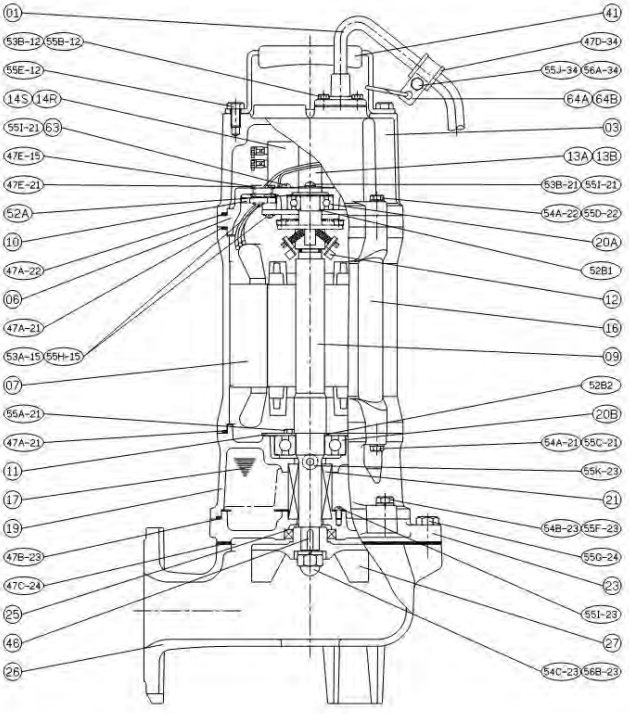


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
07	Stator		1	
09	Shaft end	SUS403	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SIC / SIC	1	

No.	Part name	Material	QTY	Remark
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	Packing			

SECTIONAL VIEWS No: 03AFU215010-00

MODEL: 80AFU21.5 & 80AFU21.5L 1Ø

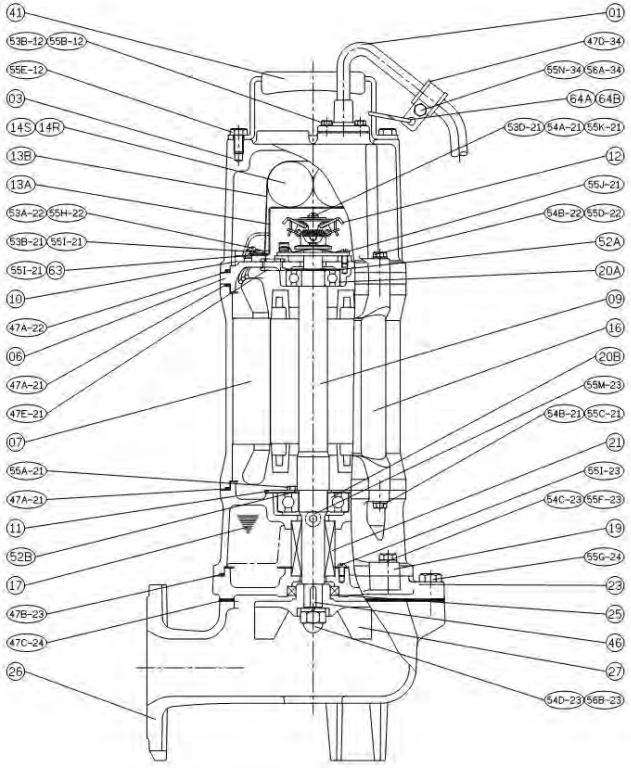


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
06	Bracket	FC200	1	
07	Stator		1	
09	Shaft end	SUS403	1	
10	Auto-cut		1	
11	Bearing fixer	SPCC	1	
12	Centrifugal switch		1	
14R	Capacitor		1	
14S	Start capacitor		1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	

No.	Part name	Material	QTY	Remark
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / SiC CE & / 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	Packing			

SECTIONAL VIEWS **No: 03AFU222010-00**

MODEL: 80AFU22.2 & 80AFU22.2L **1Ø**

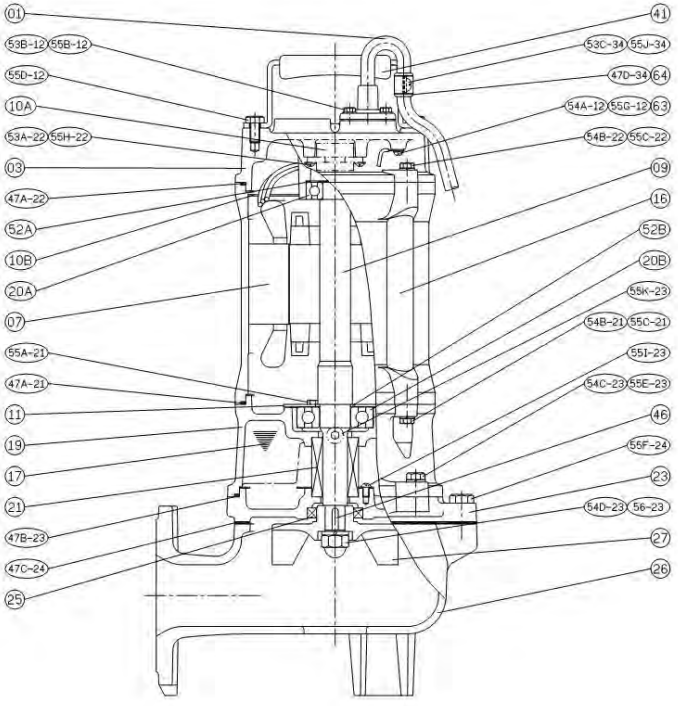


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
06	Bracket	FC200	1	
07	Stator		1	
09	Shaft end	SUS403	1	
10	Auto-cut		1	
11	Bearing fixer	SPCC	1	
12	Centrifugal switch		1	
14R	Capacitor		1	
14S	Start capacitor		1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	

No.	Part name	Material	QTY	Remark
20A	Bearing		1	
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	Packing			

SECTIONAL VIEWS No: 03AFU222030-00

MODEL: 80AFU21.5/22.2 & 80AFU21.5L/22.2L 3Ø

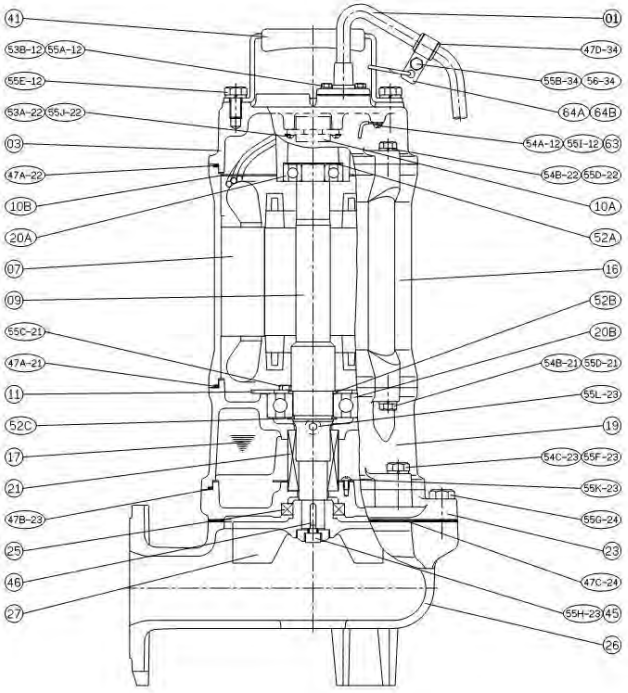


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
07	Stator		1	
09	Shaft end	SUS403	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SIC / SIC	1	

No.	Part name	Material	QTY	Remark
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	Packing			

SECTIONAL VIEWS **No: 03AFU237A30-00**

MODEL: 80AFU23.7A & 80AFU23.7LA **3Ø**

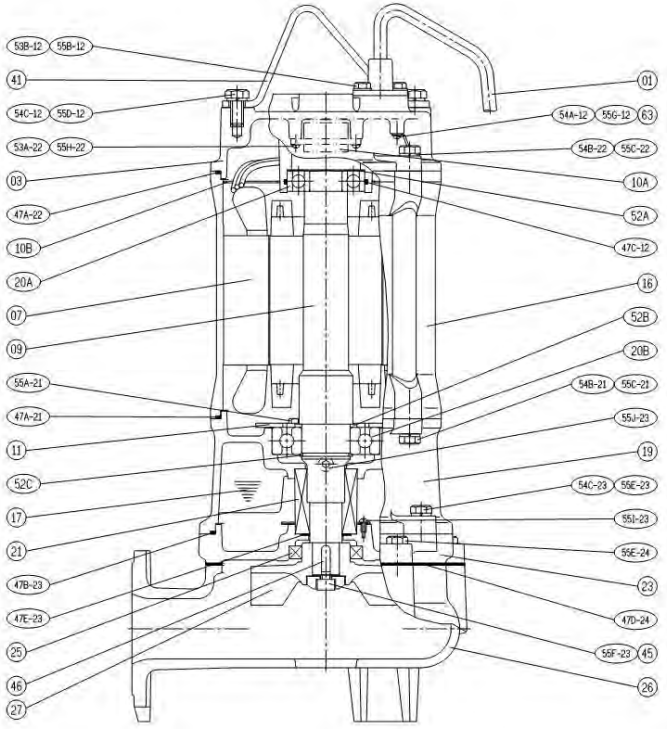


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
07	Stator		1	
09	Shaft end	SUS403	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SiC / SiC	1	

No.	Part name	Material	QTY	Remark
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	Packing			

SECTIONAL VIEWS **No: 03AFU275030-00**

MODEL: 80AFU25.5/27.5 & 80AFU25.5L/27.5L **3Ø**

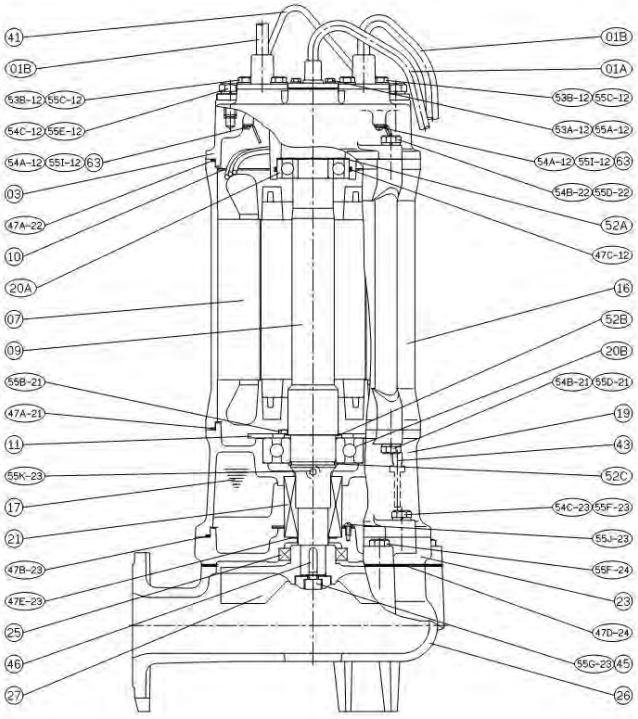


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
07	Stator		1	
09	Shaft end	SUS403	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SIC / SIC	1	

No.	Part name	Material	QTY	Remark
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	Packing			

SECTIONAL VIEWS **No: 03AFU2A1030-00**

MODEL: 80AFU211 & 80AFU211L **3Ø**

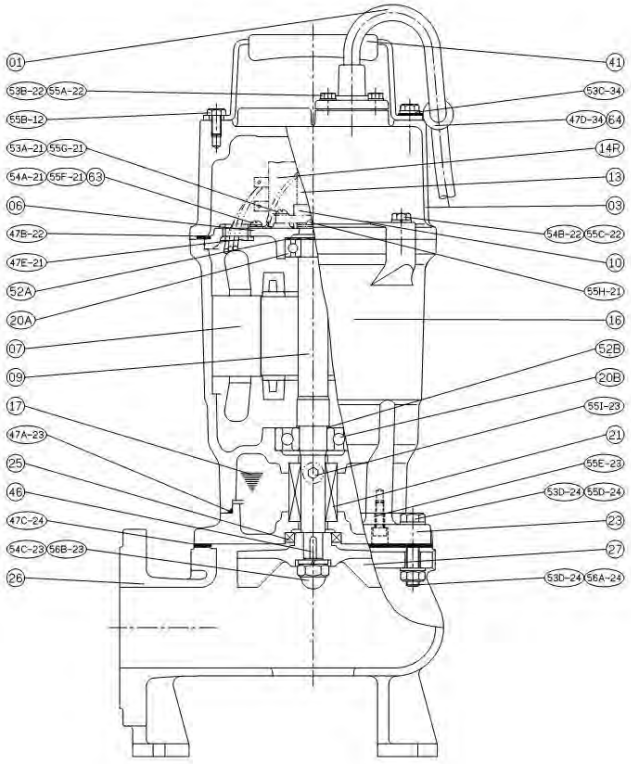


No.	Part name	Material	QTY	Remark
01	Cable		3	
03	Upper cover	FC200	1	
07	Stator		1	
09	Shaft end	SUS420J2	1	
10	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SiC / SiC	1	
23	M. seal bracket	FC200	1	

No.	Part name	Material	QTY	Remark
25	Oil seal	NBR	1	
26	Casing	FC200	1	
27	Impeller	FC200	1	
41	Handle	SUS304	1	
43	Moisture sensor		1	
46	Impeller key	SUS304	1	
47	Packing			

SECTIONAL VIEWS **No: 02AFU208L10-00**

MODEL: 50AFU2.4L & 50AFU2.8L **1Ø**

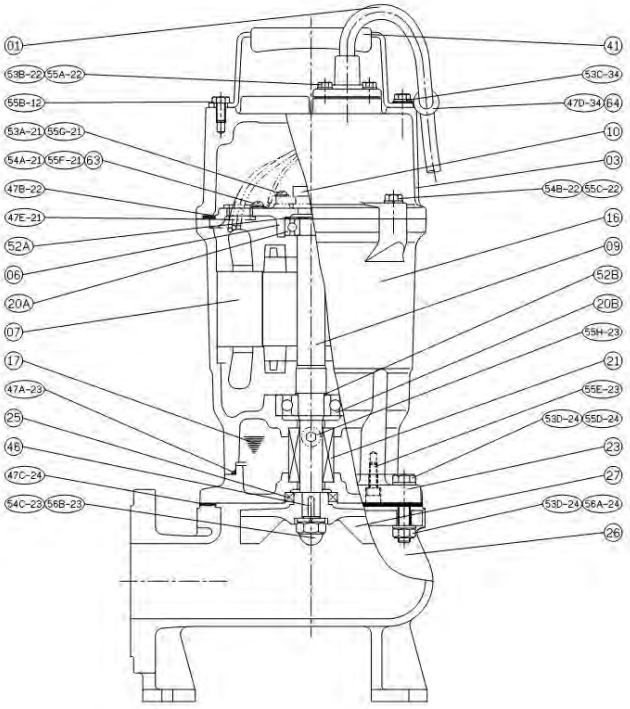


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
06	Bracket	FC200	1	
07	Stator		1	
09	Shaft end	SUS410	1	
10	Auto-cut		1	
14R	Capacitor		1	
16	Motor frame	FC200	1	
17	Lubricant			
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / SiC / CE & SiC	1	
23	M. seal bracket	FC200	1	

No.	Part name	Material	QTY	Remark
25	Oil seal	NBR	1	
26	Casing	FC200	1	
27	Impeller	FC200	1	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Packing			

SECTIONAL VIEWS **No: 02AFU208L30-00**

MODEL: 50AFU2.4L & 50AFU2.8L **3Ø**

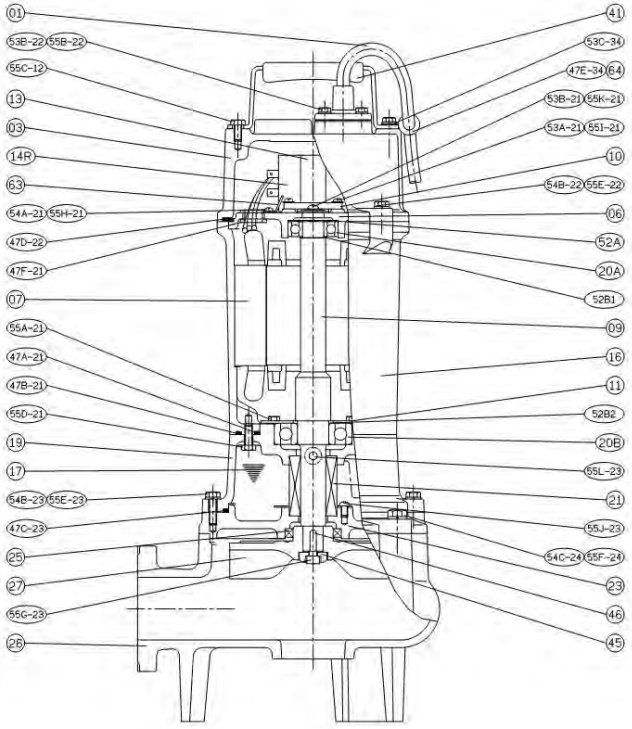


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
06	Bracket	FC200	1	
07	Stator		1	
09	Shaft end	SUS410	1	
10	Auto-cut		1	
16	Motor frame	FC200	1	
17	Lubricant			
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SiC / SiC	1	
23	M. seal bracket	FC200	1	
25	Oil seal	NBR	1	

No.	Part name	Material	QTY	Remark
26	Casing	FC200	1	
27	Impeller	FC200	1	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Packing			

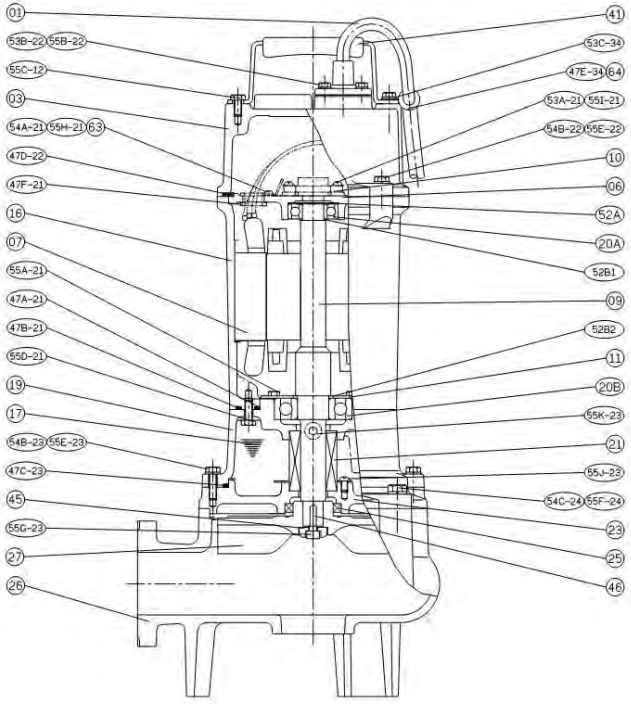
SECTIONAL VIEWS No: 02AFU408010-00

MODEL: 50AFU4.4 & 50AFU4.8 1Ø



No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
06	Bracket	FC200	1	
07	Stator		1	
09	Shaft end	SUS403	1	
10	Auto-cut		1	
11	Bearing fixer	SPCC	1	
14R	Capacitor		1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		1	

No.	Part name	Material	QTY	Remark
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	Packing			

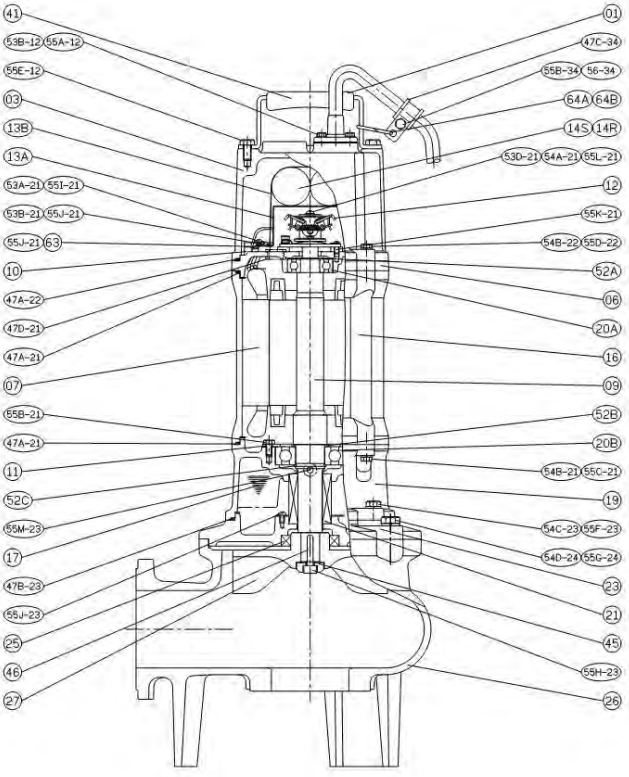


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
06	Bracket	FC200	1	
07	Stator		1	
09	Shaft end	SUS403	1	
10	Auto-cut		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SIC / SIC	1	

No.	Part name	Material	QTY	Remark
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	Packing			

SECTIONAL VIEWS **No: 03AFU415010-00**

MODEL: 80AFU41.5 **1Ø**

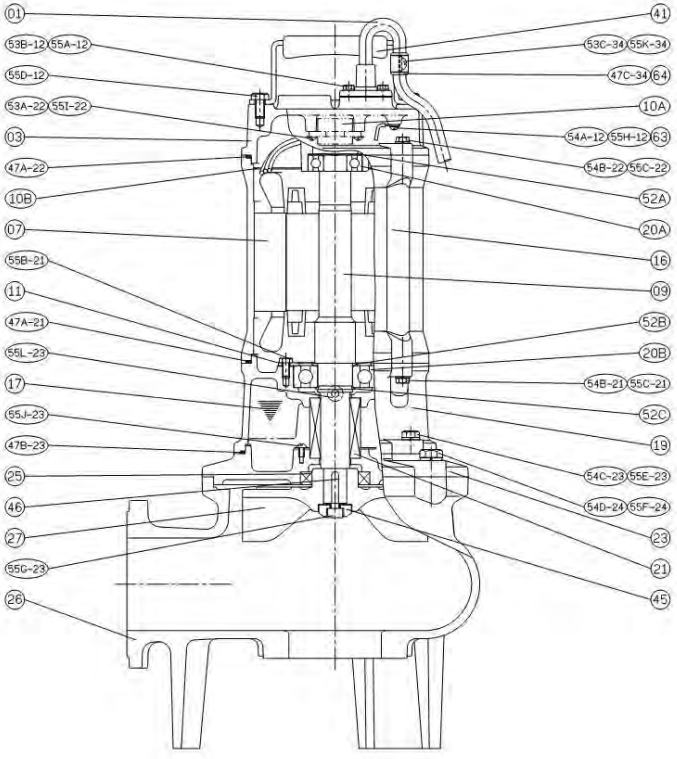


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
06	Bracket	FC200	1	
07	Stator		1	
09	Shaft end	SUS403	1	
10	Auto-cut		1	
11	Bearing fixer	SPCC	1	
12	Centrifugal switch		1	
14R	Capacitor		1	
14S	Start capacitor		1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	

No.	Part name	Material	QTY	Remark
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / SiC / CE & 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	Packing			

SECTIONAL VIEWS **No: 03AFU415030-00**

MODEL: 80AFU41.5 **3Ø**

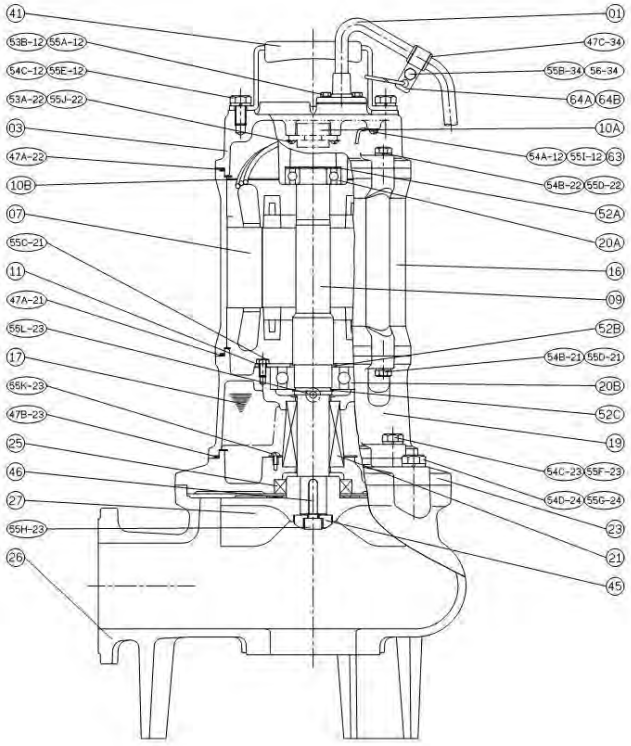


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
07	Stator		1	
09	Shaft end	SUS403	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SIC / SIC	1	

No.	Part name	Material	QTY	Remark
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	Packing			

SECTIONAL VIEWS **No: 03AFU437030-00**

MODEL: 80AFU42.2 & 80AFU43.7 **3Ø**

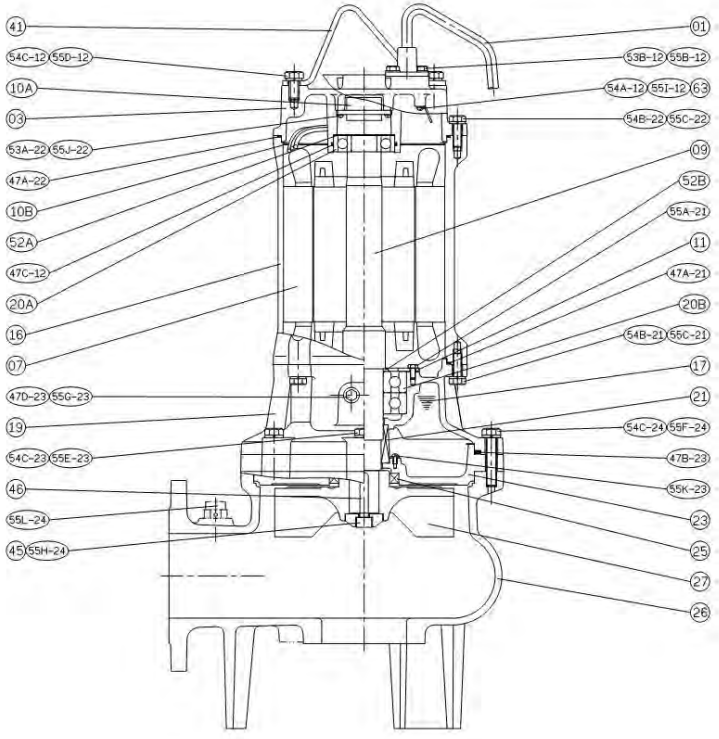


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
07	Stator		1	
09	Shaft end	SUS403	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SIC / SIC	1	

No.	Part name	Material	QTY	Remark
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	Packing			

SECTIONAL VIEWS **No: 04AFU475031-00**

MODEL: 100AFU45.5 & 100AFU47.5 **3Ø**

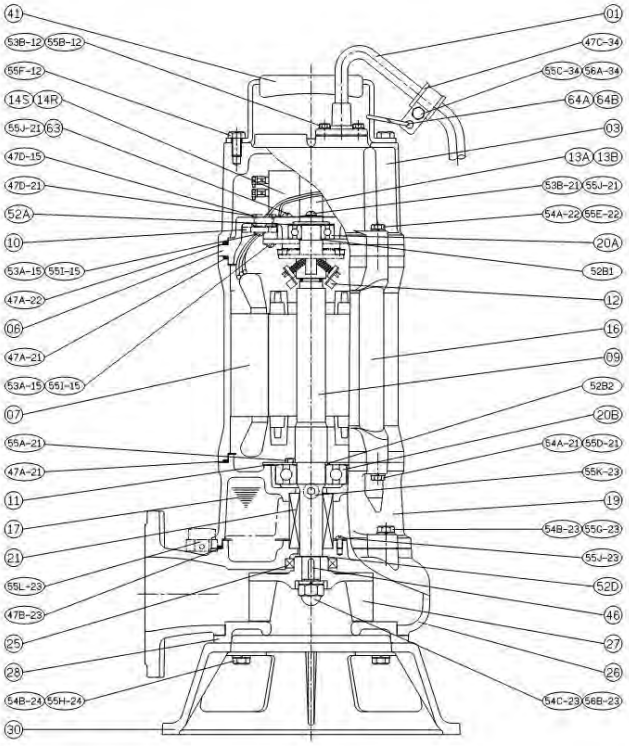


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
07	Stator		1	
09	Shaft end	SUS420J2	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SS400	1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		2	
21	M.seal	CA / CE & SIC / SIC	1	

No.	Part name	Material	QTY	Remark
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	Packing			

SECTIONAL VIEWS **No: 03AFP215010-00**

MODEL: 80AFP21.5 **1Ø**

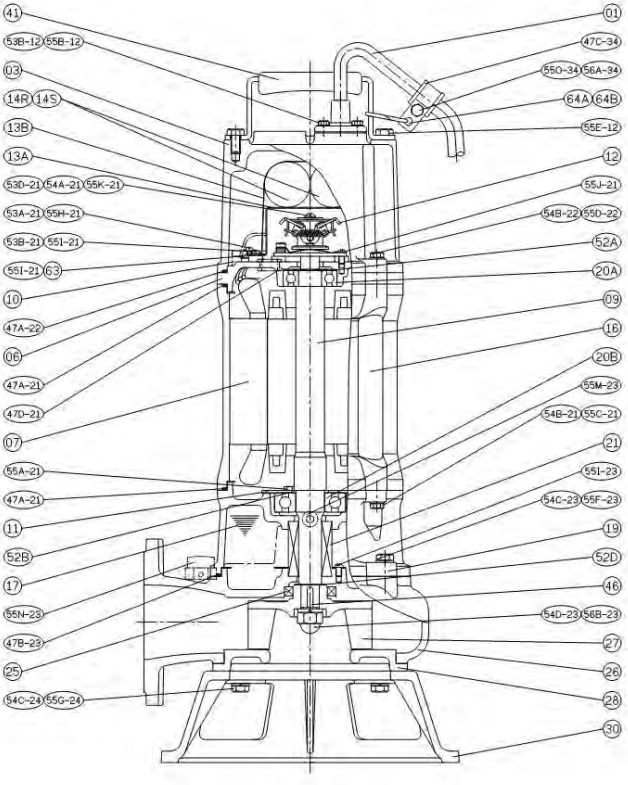


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
06	Bracket	FC200	1	
07	Stator		1	
09	Shaft end	SUS403	1	
10	Auto-cut		1	
11	Bearing fixer	SPCC	1	
12	Centrifugal switch		1	
14R	Capacitor		1	
14S	Start capacitor		1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	

No.	Part name	Material	QTY	Remark
20A	Bearing		1	
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	Packing			

SECTIONAL VIEWS **No: 03AFP222010-00**

MODEL: 80AFP22.2 **1Ø**

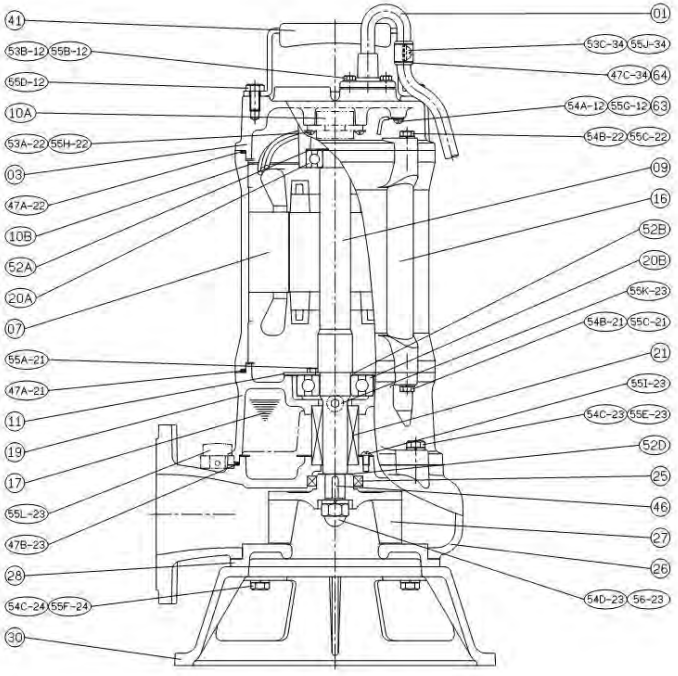


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
06	Bracket	FC200	1	
07	Stator		1	
09	Shaft end	SUS403	1	
10	Auto-cut		1	
11	Bearing fixer	SPCC	1	
12	Centrifugal switch		1	
14R	Capacitor		1	
14S	Start capacitor		1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	

No.	Part name	Material	QTY	Remark
20A	Bearing		1	
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	Packing			

SECTIONAL VIEWS **No: 03AFP222030-00**

MODEL: 80AFP21.5 & 80AFP22.2 **3Ø**

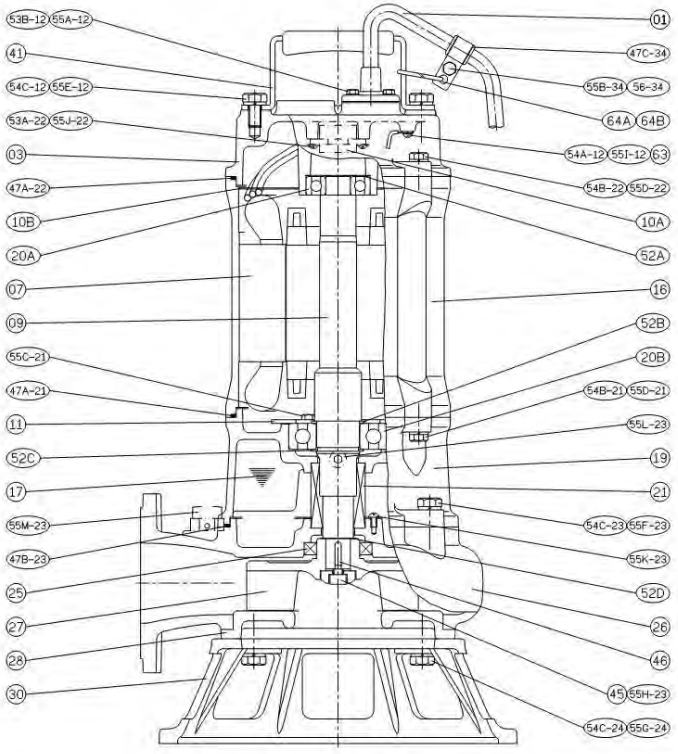


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
07	Stator		1	
09	Shaft end	SUS403	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SIC / SIC	1	

No.	Part name	Material	QTY	Remark
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	Packing			

SECTIONAL VIEWS **No: 03AFP237A30-00**

MODEL: 80AFP23.7A **3Ø**

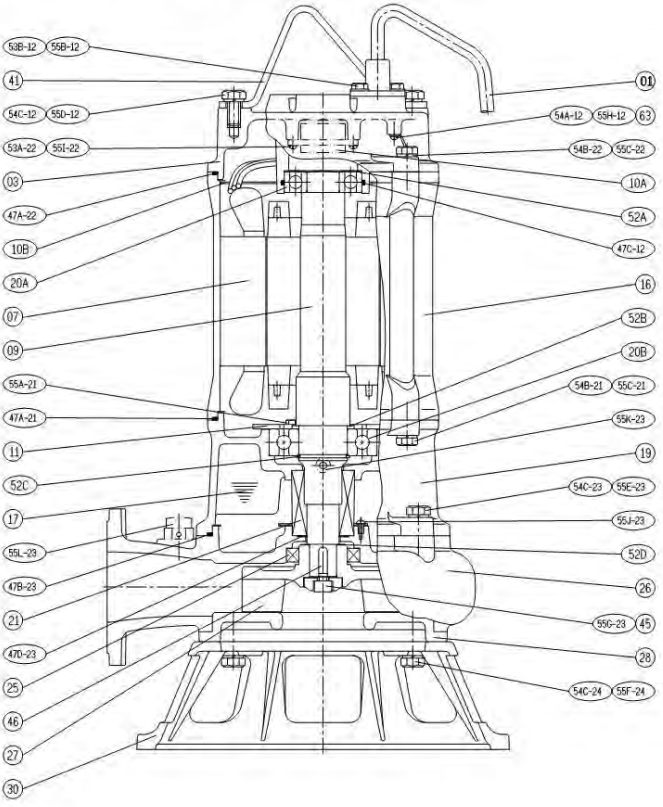


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
07	Stator		1	
09	Shaft end	SUS403	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SiC / SiC	1	

No.	Part name	Material	QTY	Remark
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	Packing			

SECTIONAL VIEWS **No: 03AFP275030-00**

MODEL: 80(100)AFP25.5 & 80(100)AFP27.5 **3Ø**

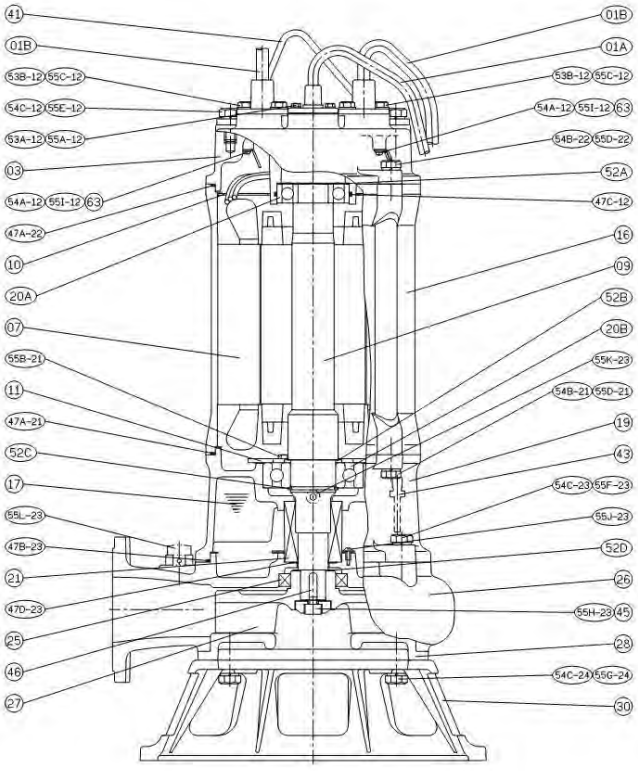


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
07	Stator		1	
09	Shaft end	SUS403	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SiC / SiC	1	

No.	Part name	Material	QTY	Remark
25	Oil seal	NBR	1	
26	Casing	FC200	1	
27	Impeller	FC200	1	
28	Casing cover	FC200	1	
30	Footing	FC200	1	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Packing			

SECTIONAL VIEWS No: 03AFP2A1030-00

MODEL: 80(100)AFP211 3Ø

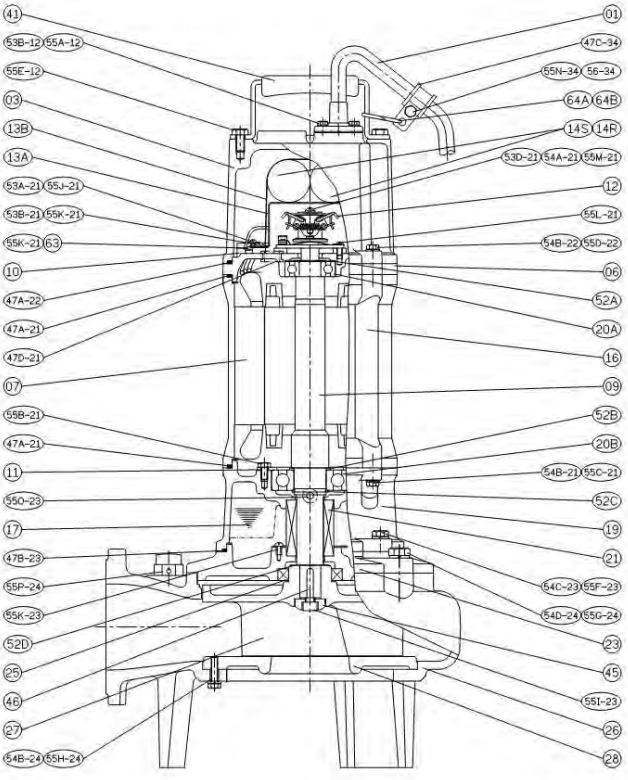


No.	Part name	Material	QTY	Remark
01	Cable		3	
03	Upper cover	FC200	1	
07	Stator		1	
09	Shaft end	SUS420J2	1	
10	Auto-cut plate		1	
11	Bearing fixer	SS400	1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SiC / SiC	1	
25	Oil seal	NBR	1	

No.	Part name	Material	QTY	Remark
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	Packing			

SECTIONAL VIEWS **No: 03AFP415010-01**

MODEL: 80AFP41.5 **1Ø**

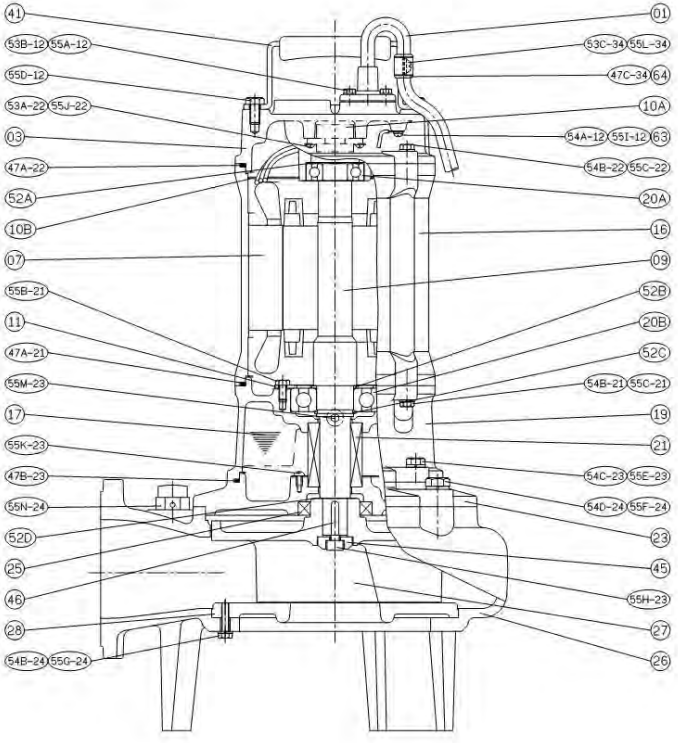


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
06	Bracket	FC200	1	
07	Stator		1	
09	Shaft end	SUS403	1	
10	Auto-cut		1	
11	Bearing fixer	SPCC	1	
12	Centrifugal switch		1	
14R	Capacitor		1	
14S	Start capacitor		1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	

No.	Part name	Material	QTY	Remark
20A	Bearing		1	
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	Packing			

SECTIONAL VIEWS **No: 03AFP415030-01**

MODEL: 80AFP41.5 **3Ø**

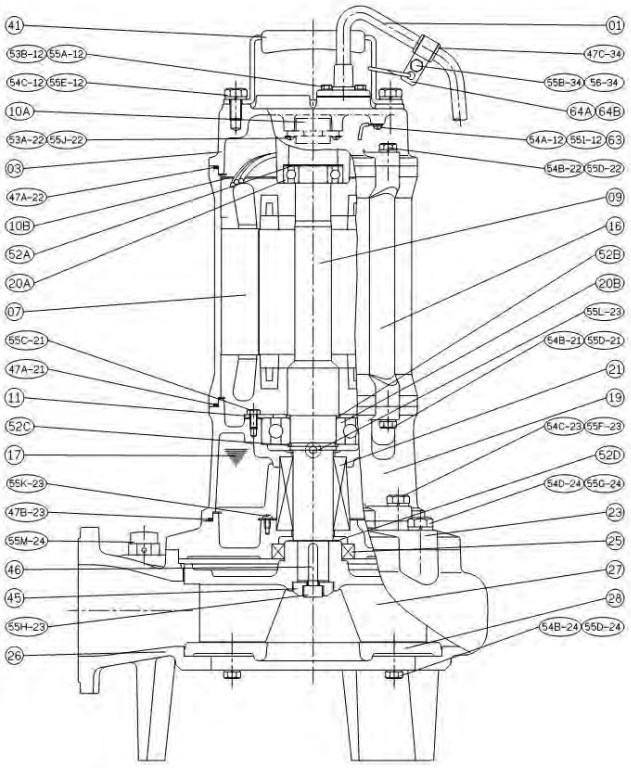


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
07	Stator		1	
09	Shaft end	SUS403	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SiC / SiC	1	

No.	Part name	Material	QTY	Remark
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	Packing			

SECTIONAL VIEWS **No: 03AFP437030-00**

MODEL: 80AFP42.2 & 80(100)AFP43.7 **3Ø**

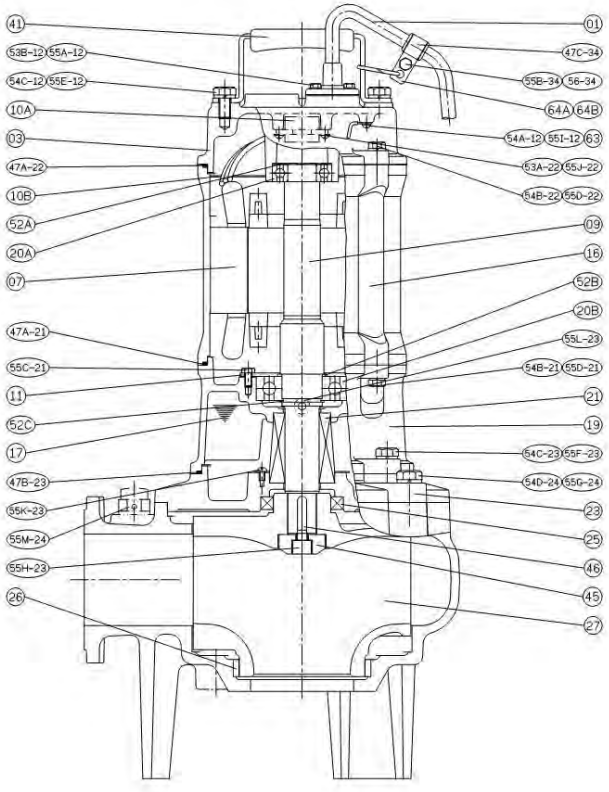


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
07	Stator		1	
09	Shaft end	SUS403	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SIC / SIC	1	

No.	Part name	Material	QTY	Remark
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	Packing			

SECTIONAL VIEWS **No: 03AFE422030-00**

MODEL: 80(100)AFE42.2 **3Ø**

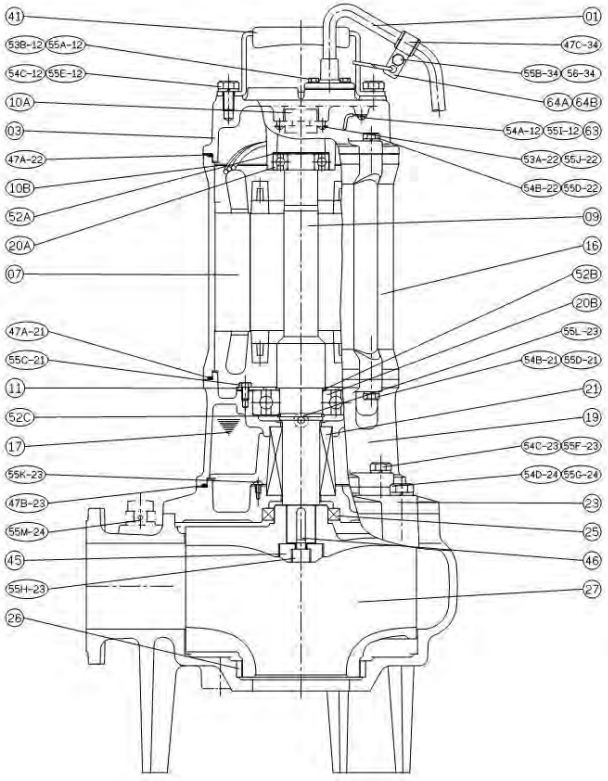


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
06	Bracket	FC200	1	
07	Stator		1	
09	Shaft End	SUS403	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		1	

No.	Part name	Material	QTY	Remark
21	M.seal	CA / CE & SiC / SiC	1	
23	M.seal bracket	FC200	1	
25	Oil seal	NBR	1	
26	Casing	FC200	1	
	+Wear ring	BC6	1	
27	Impeller	FC200	1	
31	Strainer	SUS304	1	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Packing			

SECTIONAL VIEWS **No: 03AFE437030-00**

MODEL: 80(100)AFE43.7 **3Ø**

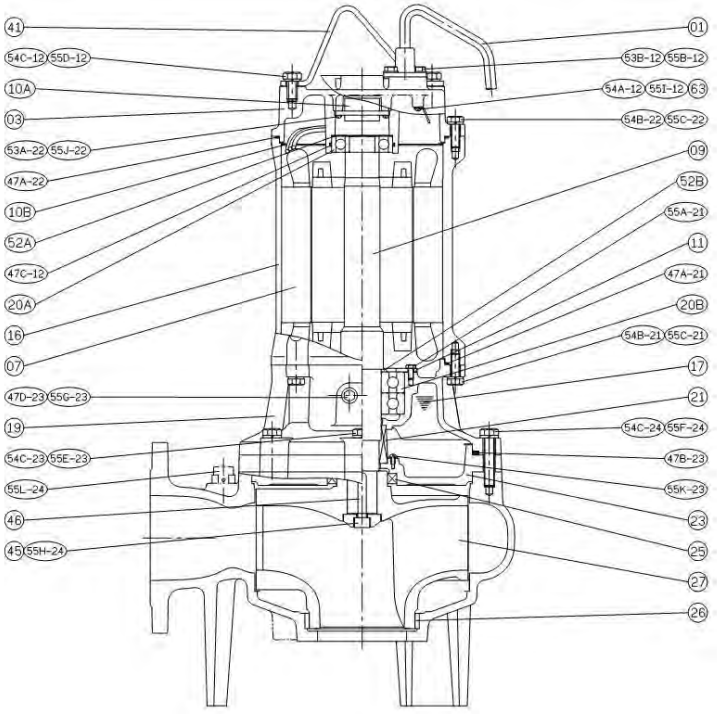


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
06	Bracket	FC200	1	
07	Stator		1	
09	Shaft End	SUS403	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		1	

No.	Part name	Material	QTY	Remark
21	M.seal	CA / SiC & CE / SiC	1	
23	M.seal bracket	FC200	1	
25	Oil seal	NBR	1	
26	Casing	FC200	1	
	+Wear ring	BC6	1	
27	Impeller	FC200	1	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Packing			

SECTIONAL VIEWS **No: 04AFE475031-00**

MODEL: 100(150)AFE45.5 & 100(150)AFE47.5 **3Ø**

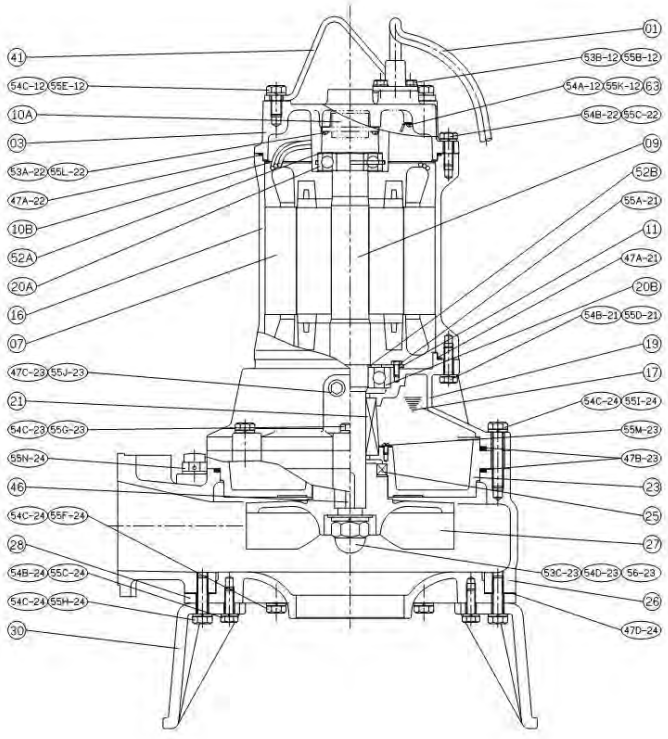


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
07	Stator		1	
09	Shaft end	SUS420J2	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		2	
21	M.seal	CA / CE & SIC / SIC	1	

No.	Part name	Material	QTY	Remark
23	M. seal bracket	FC200	1	
25	Oil seal	NBR	1	
26	Casing	FC200	1	
	+Wear ring	BC6	1	
27	Impeller	FC200	1	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Packing			

SECTIONAL VIEWS **No: 04AFU455A30-00**

MODEL: AF-55AU **3Ø**

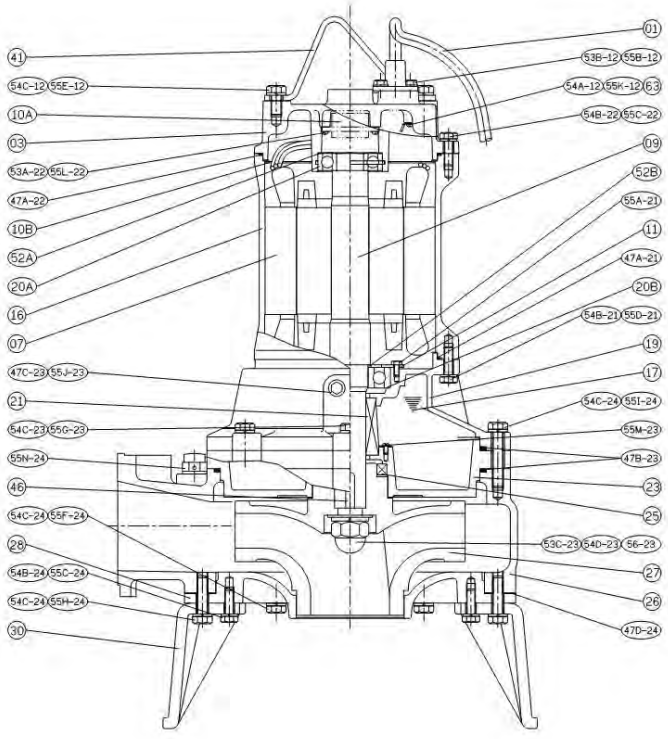


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
07	Stator		1	
09	Shaft end	SUS420J2	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SIC / SIC	1	

No.	Part name	Material	QTY	Remark
23	M. seal bracket	FC200	1	
25	Oil seal	NBR	1	
26	Casing	FC200	1	
27	Impeller	FC200	1	
28	Casing cover	FC200	1	
30	Footing	FCD450	3	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Packing			

SECTIONAL VIEWS **No: 04AFE455A30-00**

MODEL: AF-55AE **3Ø**

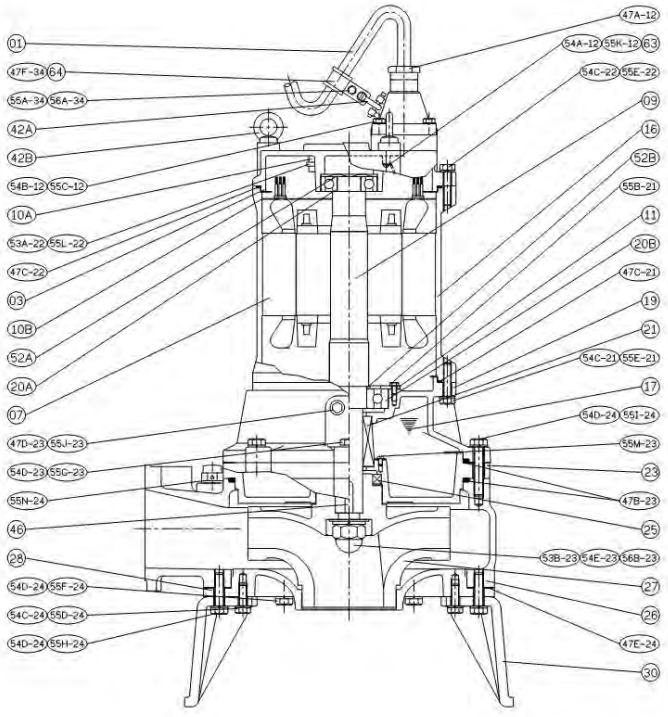


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
07	Stator		1	
09	Shaft end	SUS420J2	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SPCC	1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / CE & SIC / SIC	1	

No.	Part name	Material	QTY	Remark
23	M. seal bracket	FC200	1	
25	Oil seal	NBR	1	
26	Casing	FC200	1	
27	Impeller	FC200	1	
28	Casing cover	FC200	1	
30	Footing	FCD450	3	
41	Handle	SUS304	1	
46	Impeller key	SUS304	1	
47	Packing			

SECTIONAL VIEWS **No: 04AFE475030-00**

MODEL: AF-75E **3Ø**

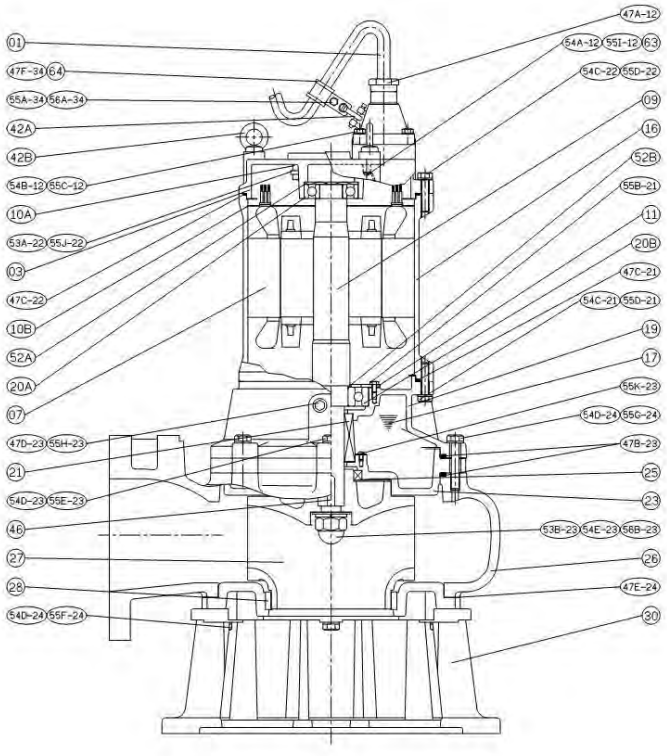


No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
07	Stator		1	
09	Shaft end	SUS420J2	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SS400	1	
16	Motor frame	FC200	1	
17	Lubricant			
19	Bearing bracket	FC200	1	
20A	Bearing		1	
20B	Bearing		1	
21	M.seal	CA / SiC CE & / SiC	1	

No.	Part name	Material	QTY	Remark
23	M. seal bracket	FC200	1	
25	Oil seal	NBR	1	
26	Casing	FC200	1	
27	Impeller	FC200	1	
28	Casing cover	FC200	1	
30	Footing	FCD450	3	
46	Impeller key	SUS304	1	
47	Packing			

SECTIONAL VIEWS **No: 06AF0475030-00**

MODEL: AF-610 **3Ø**



No.	Part name	Material	QTY	Remark
01	Cable		1	
03	Upper cover	FC200	1	
07	Stator		1	
09	Shaft end	SUS420J2	1	
10A	Auto-cut		1	
10B	Auto-cut plate		1	
11	Bearing fixer	SS400	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	

No.	Part name	Material	QTY	Remark
23	M. seal bracket	FC200	1	
25	Oil seal	NBR	1	
26	Casing	FC200	1	
27	Impeller	FC200	1	
28	Casing cover	FC200	1	
	+Wear ring	Chrome steel	1	
30	Footing	FC200	1	
46	Impeller key	SUS304	1	
47	Packing			