HAITIMA CORPORATION

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SMART BOOSTER PUMP
SUBMERSIBLE PUMP

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Catalog PU-2025
Pinted in Taiwan

BOOSTER PUMP



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HAITIMA

The HP/HPE/HPF/HPL series comprises integrated, self-priming pump models designed for boosting water pressure in residential and light commercial applications. These compact units offer quiet operation and easy installation. Key features include an efficient motor, integrated pressure tank, and protective measures against dry run, motor temperature, and overheat conditions.

Applications:

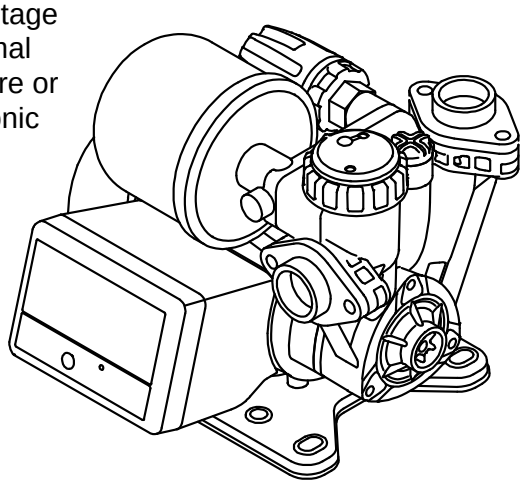
- Housing and light commercial water boosting
- Automatic booster system
- Drinking water system
- Water supply from shallow wells (<8 m).

Function/Model	HP	HPE	HPF	HPL
Flow detection start	Yes	Yes	Yes	No
Pressure detection start	Yes	Yes	No	No
Dry run protection	Yes	Yes	Yes	Yes
Dry run recovery	Auto/Manual	Auto/Manual	Auto/Manual	No
Abnormal voltage protection	Yes	No	No	No
Motor temperature protection	Yes	Yes	Yes	Yes
Overheat protection	Yes	Yes	Yes	Yes
24H automatic operation	Yes	Yes	Yes	No
Dual voltage switching	Auto	Manual	Manual	Manual
Status indicator light	Yes	Yes	Yes	No
Soft stop function	Yes	Yes	Yes	No
Water suction function	Yes	Yes	Yes	Yes
Water Hammer Protection	Yes	Yes	No	No
Flow sensor signal light	Yes	Yes	Yes	No
Pressure sensor single light	Yes	Yes	No	No
Forced start button	Yes	Yes	Yes	No
Built-in check valve	Yes	Yes	Yes	Yes

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HP Series
Smart Booster Pump

HP series is integrated with a pressure tank that can efficiently save power consumption. The key feature is an auto 110V/220V voltage switch built into the control board for 60Hz models and abnormal voltage protection. The pump starts with the integrated pressure or flow sensor and is precisely controlled by the all-in-one electronic smart controller to maintain the constant water boosting.



Operating Condition:

Ambient temperature: 0°C ～ 40°C
Liquid temperature: +2°C ～ +45°C
Liquid: Water without particle
Liquid pH: 4 ～ 9
System Pressure: Max. 5kg/cm² (200W-400W models).
Max. 7 kg/cm² (600W and 800W models)
Relative humidity: Max. 85% (RH)

FEATURES

1. Accurate flow / pressure detection and control.
2. Overvoltage / undervoltage detection and protection.
3. Motor temperature detection and protection.
4. Idle shutdown protection.
5. Low operating noise.
6. Easy to adjust the starting flow and pressure.
7. Suction-lift up to 8m.
8. Automatic voltage switch (for countries with two voltages available)
9. Impeller material is made of lead-free / cadmium-free brass.
10. The plastic pump housing ensures the safety and water hygiene quality.

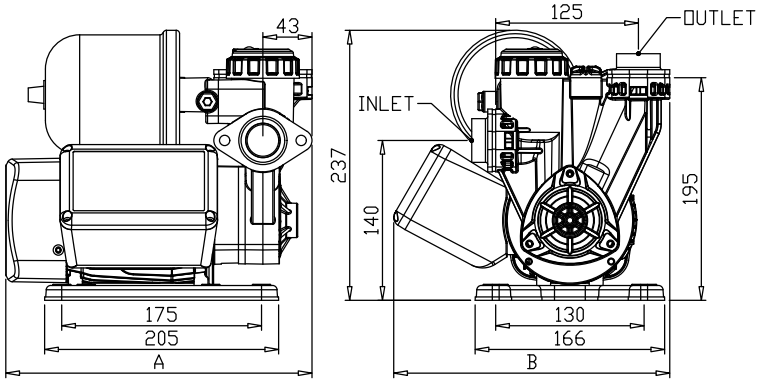
MATERIALS

Description	Material
Motor Frame	Aluminum
Pump Casing	PPS+Glass Fiber
Shaft	SUS400 Series
Mechanical Seal	Ceramic+Carbon+NBR
Impeller	Brass

GENERAL DATA

Motor Spec	
Motor Type	2 POLE, totally enclosed fan-cooled
Frequency	50HZ or 60HZ
Standard Voltages	1Φ 220-240V(50HZ)
	1Φ 100-120/200-240V(60HZ)
Insulation Class	F class (155℃)
Enclosure Protection Class	IP 54
Nominal Speed	2850 rpm(50HZ)
	3450 rpm(60HZ)

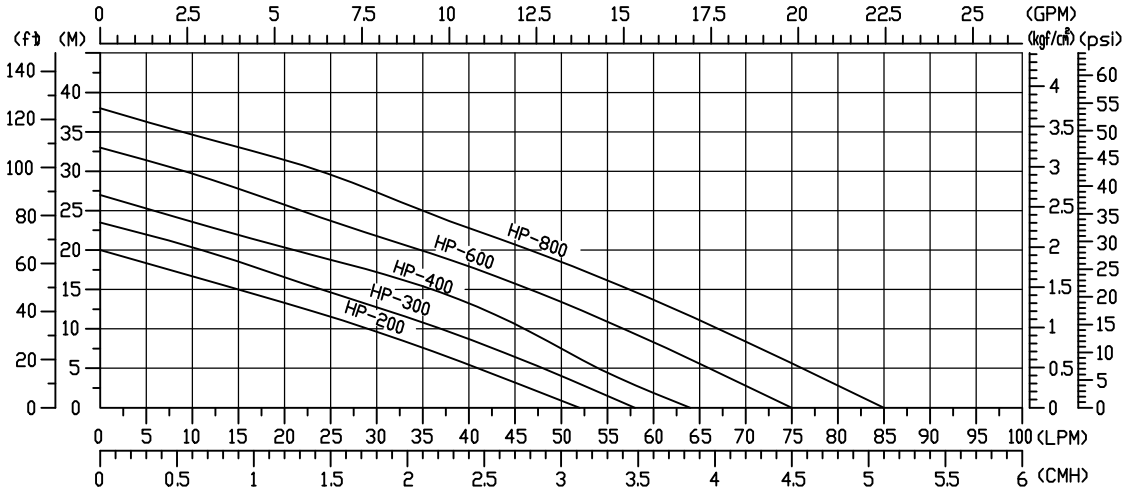
Dimensions



MODEL	A(mm)	B(mm)	INTEL/OUTLET
HP-200 / HP-300 / HP-400	268	242	Rp 1" or NPT 1"
HP-600 / HP-800	310	254	Rp 1" or NPT 1"

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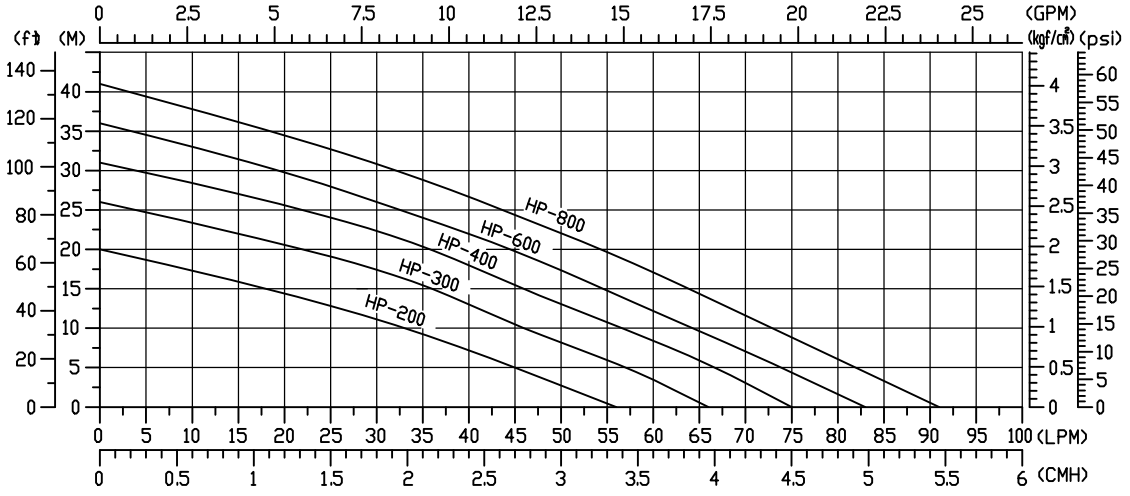
PERFORMANCE CURVES(50HZ)



SPECIFICATIONS(50H)

Model	Power		Frequency	Phase (Φ)	Voltage (V)	A MAX (A)	Head (Pressure)		Flow (Capacity)		Pipe Connection	Units/ Pallet	Pallet Dimension L x W x H (CM)
	HP	Watt					Rated (M)	MAX. (M)	Rated (L/Min)	MAX. (L/Min)			
HP-200	1/4	200	50hz	1	220-2400	1.2-1.1	11	20	26.5	52	Rp 1"	112	110X110X200
HP-300	1/3	300	50hz	1	220-2400	1.5-1.4	12.5	23.5	31	56	Rp 1"	112	110X110X200
HP-400	1/2	400	50hz	1	220-2400	1.7-1.6	14	27	38	64	Rp 1"	112	110X110X200
HP-600	3/4	600	50hz	1	220-2400	3.0-2.8	15.5	33	45.5	75	Rp 1"	84	110X110X200
HP-800	1	800	50hz	1	220-2400	3.8-3.5	17	38	53.5	85	Rp 1"	84	110X110X200

PERFORMANCE CURVES(60HZ)



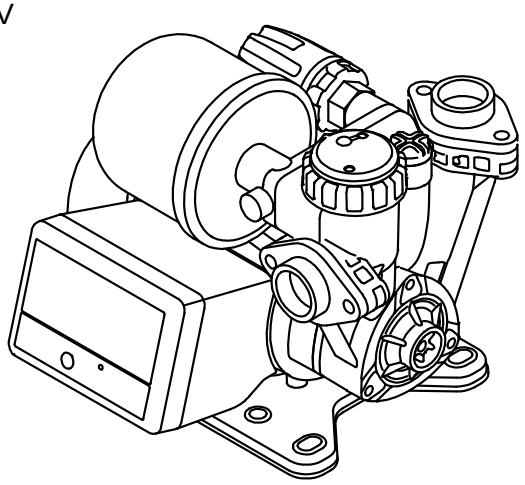
SPECIFICATIONS(60H)

Model	Power		Frequency	Phase (Φ)	Voltage (V)	A MAX (A)	Head (Pressure)		Flow (Capacity)		Pipe Connection	Units/ Pallet	Pallet Dimension L x W x H (CM)
	HP	Watt					Rated (M)	MAX. (M)	Rated (L/Min)	MAX. (L/Min)			
HP-200	1/4	200	60hz	1	100-120/200-240	3.4-3.0/1.7-1.5	11	21	28	56	Rp 1"/NPT 1"	112	110X110X200
HP-300	1/3	300	60hz	1	100-120/200-240	4.6-4.0/2.3-2.0	12.5	26	41	66	Rp 1"/NPT 1"	112	110X110X200
HP-400	1/2	400	60hz	1	100-120/200-240	5.8-5.2/2.7-2.6	14	31	48	75	Rp 1"/NPT 1"	112	110X110X200
HP-600	3/4	600	60hz	1	100-120/200-240	7.8-7.2/3.9-3.6	15.5	36	53.5	84	Rp 1"/NPT 1"	84	110X110X200
HP-800	1	800	60hz	1	100-120/200-240	10.0-9.2/5.0-4.6	17	41	58	91	Rp 1"/NPT 1"	84	110X110X200

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HPE Series
Automatic Booster Pump

HPE series is integrated with a pressure tank that can efficiently save power consumption. The E means the manual 110V/220V voltage switch function built in the control board for 60Hz models. The pump starts with the integrated pressure or flow sensor and is precisely controlled by the all-in-one electronic smart controller to maintain the constant water boosting.



Operating Condition:

Ambient temperature: 0°C ～ 40°C
Liquid temperature: +2°C ～ +45°C
Liquid: Water without particle
Liquid pH: 4 ～ 9
System Pressure: Max. 5kg/cm² (200W-400W models).
Max. 7 kg/cm² (600W and 800W models)
Relative humidity: Max. 85% (RH)

FEATURES

1. Accurate flow / pressure detection and control.
2. Motor temperature detection and protection.
3. Idle shutdown protection.
4. Low operating noise.
5. Easy to adjust the starting flow and pressure.
6. Suction-lift up to 8m.
7. Impeller material is made of lead-free / cadmium-free brass.
8. The plastic pump housing ensures the safety and water hygiene quality.

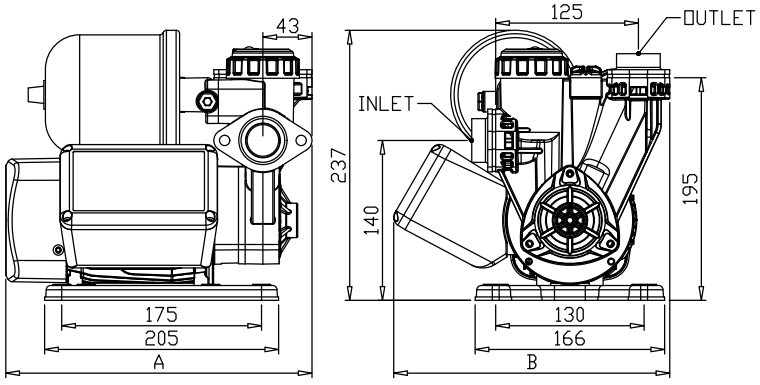
MATERIALS

Description	Material
Motor Frame	Aluminum
Pump Casing	PPS+Glass Fiber
Shaft	SUS400 Series
Mechanical Seal	Ceramic+Carbon+NBR
Impeller	Brass

GENERAL DATA

Motor Spec	
Motor Type	2 POLE, totally enclosed fan-cooled
Frequency	50HZ or 60HZ
Standard Voltages	1Φ 220-240V(50HZ)
	1Φ 100-120/200-240V(60HZ)
Insulation Class	F class (155℃)
Enclosure Protection Class	IP 54
Nominal Speed	2850 rpm(50HZ)
	3450 rpm(60HZ)

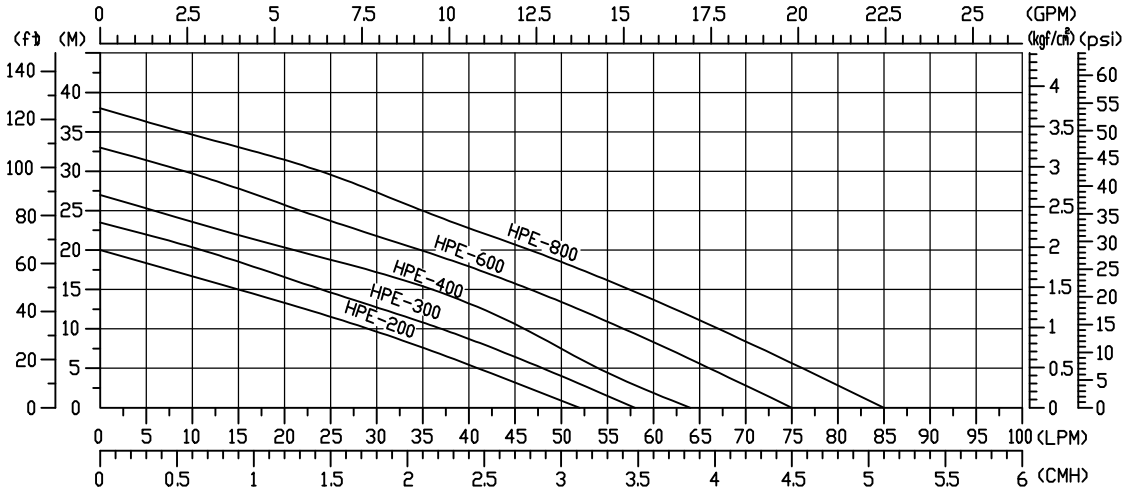
Dimensions



MODEL	A(mm)	B(mm)	INTEL/OUTLET
HPE-200 / HPE-300 / HPE-400	268	242	Rp 1" or NPT 1"
HPE-600 / HPE-800	310	254	Rp 1" or NPT 1"

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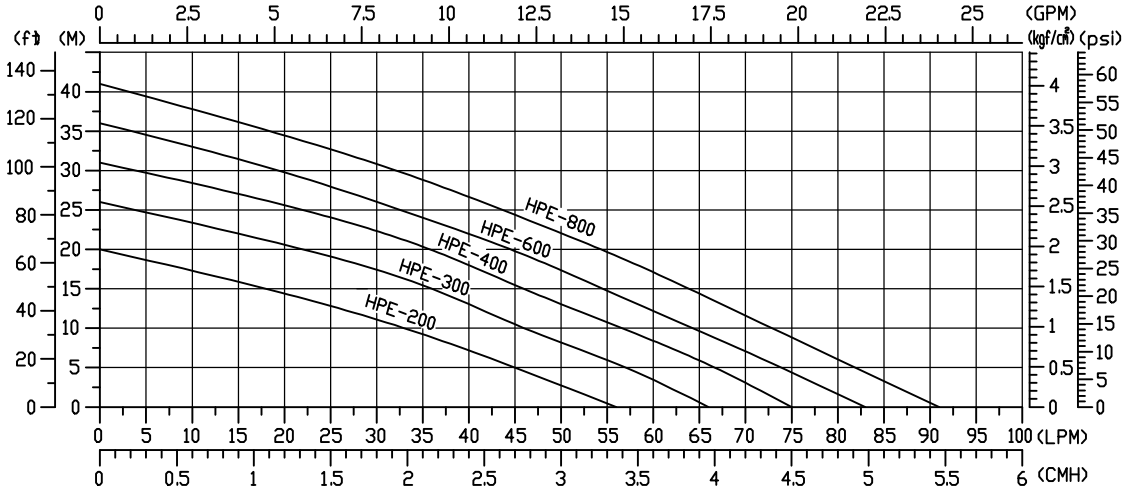
PERFORMANCE CURVES(50HZ)



SPECIFICATIONS(50H)

Model	Power		Frequency	Phase (Φ)	Voltage (V)	A MAX (A)	Head (Pressure)		Flow (Capacity)		Pipe Connection	Units/ Pallet	Pallet Dimension L x W x H (CM)
	HP	Watt					Rated (M)	MAX. (M)	Rated (L/Min)	MAX. (L/Min)			
HPE-200	1/4	200	50hz	1	220-2400	1.2-1.1	11	20	26.5	52	Rp 1"	112	110X110X200
HPE-300	1/3	300	50hz	1	220-2400	1.5-1.4	12.5	23.5	31	56	Rp 1"	112	110X110X200
HPE-400	1/2	400	50hz	1	220-2400	1.7-1.6	14	27	38	64	Rp 1"	112	110X110X200
HPE-600	3/4	600	50hz	1	220-2400	3.0-2.8	15.5	33	45.5	75	Rp 1"	84	110X110X200
HPE-800	1	800	50hz	1	220-2400	3.8-3.5	17	38	53.5	85	Rp 1"	84	110X110X200

PERFORMANCE CURVES(60HZ)



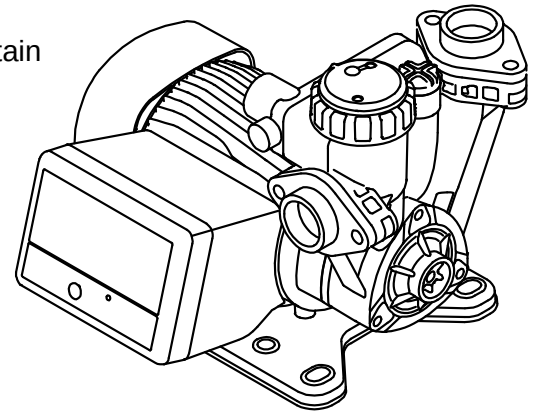
SPECIFICATIONS(60H)

Model	Power		Frequency	Phase (Φ)	Voltage (V)	A MAX (A)	Head (Pressure)		Flow (Capacity)		Pipe Connection	Units/ Pallet	Pallet Dimension L x W x H (CM)
	HP	Watt					Rated (M)	MAX. (M)	Rated (L/Min)	MAX. (L/Min)			
HPE-200	1/4	200	60hz	1	100-120/200-240	3.4-3.0/1.7-1.5	11	21	28	56	Rp 1"/NPT 1"	112	110X110X200
HPE-300	1/3	300	60hz	1	100-120/200-240	4.6-4.0/2.3-2.0	12.5	26	41	66	Rp 1"/NPT 1"	112	110X110X200
HPE-400	1/2	400	60hz	1	100-120/200-240	5.8-5.2/2.7-2.6	14	31	48	75	Rp 1"/NPT 1"	112	110X110X200
HPE-600	3/4	600	60hz	1	100-120/200-240	7.8-7.2/3.9-3.6	15.5	36	53.5	84	Rp 1"/NPT 1"	84	110X110X200
HPE-800	1	800	60hz	1	100-120/200-240	10.0-9.2/5.0-4.6	17	41	58	91	Rp 1"/NPT 1"	84	110X110X200

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HPF Series
Flow Control Booster Pump

HPF series is without the pressure tank. The F means this model is only starting by the flow sensor for low-pressure condition use. Also, the manual 110V/220V voltage switch function is built into the control board for 60Hz models. The pump is precisely controlled by the all-in-one electronic smart controller to maintain the constant water boosting.



Operating Condition:

Ambient temperature: 0°C ～ 40°C
Liquid temperature: +2°C ～ +45°C
Liquid: Water without particle
Liquid pH: 4 ～ 9
System Pressure: Max. 5kg/cm² (200W-400W models).
Max. 7 kg/cm² (600W and 800W models)
Relative humidity: Max. 85% (RH)

FEATURES

1. Accurate flow detection and control.
2. Motor temperature detection and protection.
3. Idle shutdown protection.
4. Low operating noise.
5. Easy to adjust the starting flow.
6. Suction-lift up to 8m.
7. Impeller material is made of lead-free / cadmium-free brass
8.The plastic pump housing ensures the safety and water hygiene quality.

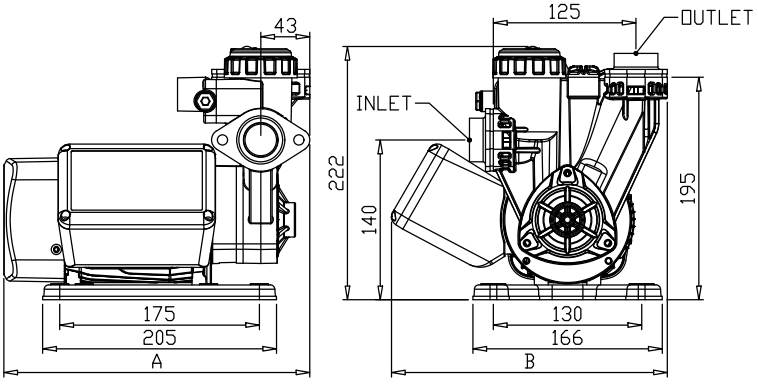
MATERIALS

Description	Material
Motor Frame	Aluminum
Pump Casing	PPS+Glass Fiber
Shaft	SUS400 Series
Mechanical Seal	Ceramic+Carbon+NBR
Impeller	Brass

GENERAL DATA

Motor Spec	
Motor Type	2 POLE, totally enclosed fan-cooled
Frequency	50HZ or 60HZ
Standard Voltages	1Φ 220-240V(50HZ)
	1Φ 100-120/200-240V(60HZ)
Insulation Class	F class (155℃)
Enclosure Protection Class	IP 54
Nominal Speed	2850 rpm(50HZ)
	3450 rpm(60HZ)

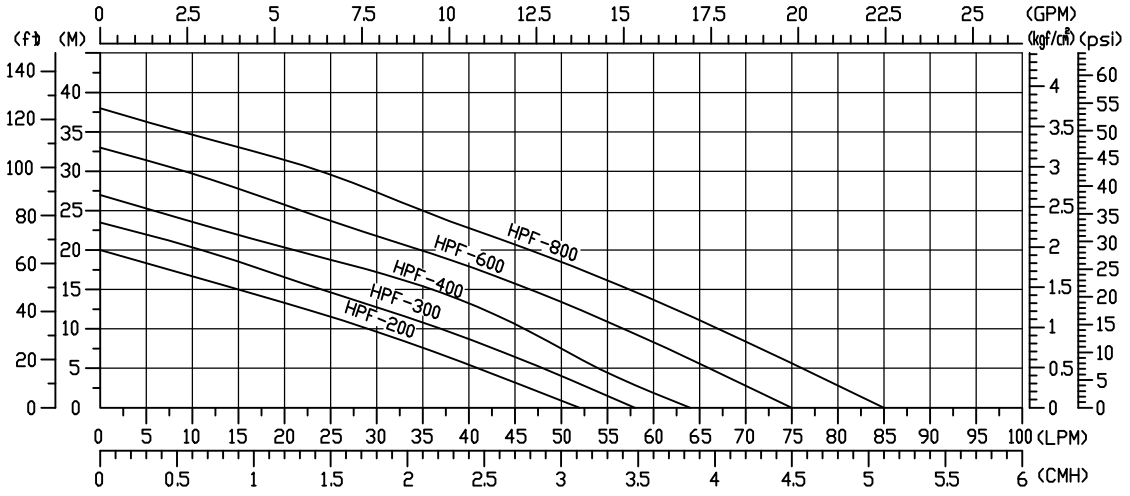
Dimensions



MODEL	A(mm)	B(mm)	INTEL/OUTLET
HPF-200 / HPF-300 / HPF-400	268	242	Rp 1" or NPT 1"
HPF-600 / HPF-800	310	254	Rp 1" or NPT 1"

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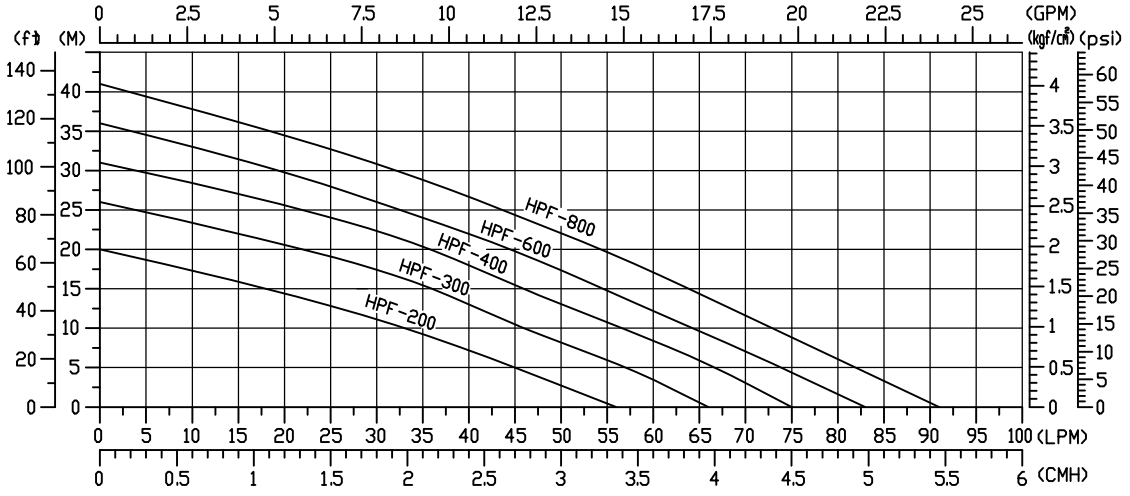
PERFORMANCE CURVES(50HZ)



SPECIFICATIONS(50H)

Model	Power		Frequency	Phase (Φ)	Voltage (V)	A MAX (A)	Head (Pressure)		Flow (Capacity)		Pipe Connection	Units/ Pallet	Pallet Dimension L x W x H (CM)
	HP	Watt					Rated (M)	MAX. (M)	Rated (L/Min)	MAX. (L/Min)			
HPF-200	1/4	200	50hz	1	220-2400	1.2-1.1	11	20	26.5	52	Rp 1"	112	110X110X200
HPF-300	1/3	300	50hz	1	220-2400	1.5-1.4	12.5	23.5	31	56	Rp 1"	112	110X110X200
HPF-400	1/2	400	50hz	1	220-2400	1.7-1.6	14	27	38	64	Rp 1"	112	110X110X200
HPF-600	3/4	600	50hz	1	220-2400	3.0-2.8	15.5	33	45.5	75	Rp 1"	84	110X110X200
HPF-800	1	800	50hz	1	220-2400	3.8-3.5	17	38	53.5	85	Rp 1"	84	110X110X200

PERFORMANCE CURVES(60HZ)



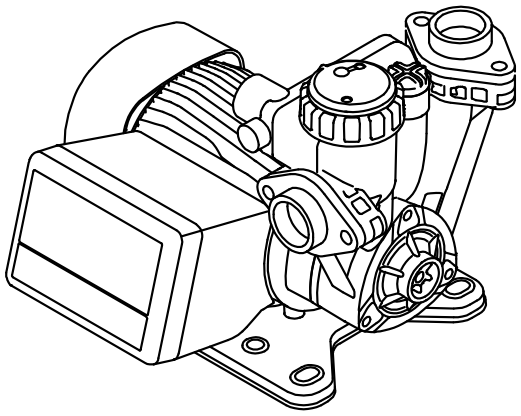
SPECIFICATIONS(60H)

Model	Power		Frequency	Phase (Φ)	Voltage (V)	A MAX (A)	Head (Pressure)		Flow (Capacity)		Pipe Connection	Units/ Pallet	Pallet Dimension L x W x H (CM)
	HP	Watt					Rated (M)	MAX. (M)	Rated (L/Min)	MAX. (L/Min)			
HPF-200	1/4	200	60hz	1	100-120/200-240	3.4-3.0/1.7-1.5	11	21	28	56	Rp 1"/NPT 1"	112	110X110X200
HPF-300	1/3	300	60hz	1	100-120/200-240	4.6-4.0/2.3-2.0	12.5	26	41	66	Rp 1"/NPT 1"	112	110X110X200
HPF-400	1/2	400	60hz	1	100-120/200-240	5.8-5.2/2.7-2.6	14	31	48	75	Rp 1"/NPT 1"	112	110X110X200
HPF-600	3/4	600	60hz	1	100-120/200-240	7.8-7.2/3.9-3.6	15.5	36	53.5	84	Rp 1"/NPT 1"	84	110X110X200
HPF-800	1	800	60hz	1	100-120/200-240	10.0-9.2/5.0-4.6	17	41	58	91	Rp 1"/NPT 1"	84	110X110X200

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HPL Series
General Water Pump

The HPL series is a standard and entry-level booster pump without the pressure tank, which starts manually with constant water boosting. Also, the manual 110V/220V voltage switch function is built into the control board for 60Hz models.



Operating Condition:

Ambient temperature: 0°C ～ 40°C
Liquid temperature: +2°C ～ +45°C
Liquid: Water without particle
Liquid pH: 4 ～ 9
System Pressure: Max. 5kg/cm² (200W-400W models).
Max. 7 kg/cm² (600W and 800W models)
Relative humidity: Max. 85% (RH)

FEATURES

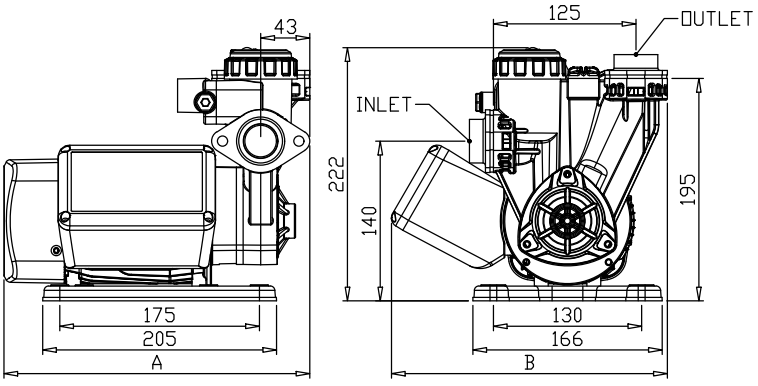
1. Motor temperature detection and protection.
2. Low operating noise.
3. Suction-lift up to 8m.
4. Impeller material is made of lead-free / cadmium-free brass.
5. The plastic pump housing ensures the safety and water hygiene quality.

MATERIALS

Description	Material
Motor Frame	Aluminum
Pump Casing	PPS+Glass Fiber
Shaft	SUS400 Series
Mechanical Seal	Ceramic+Carbon+NBR
Impeller	Brass

Motor Spec	
Motor Type	2 POLE, totally enclosed fan-cooled
Frequency	50HZ or 60HZ
Standard Voltages	1Φ 220-240V(50HZ)
	1Φ 100-120/200-240V(60HZ)
Insulation Class	F class (155℃)
Enclosure Protection Class	IP 54
Nominal Speed	2850 rpm(50HZ)
	3450 rpm(60HZ)

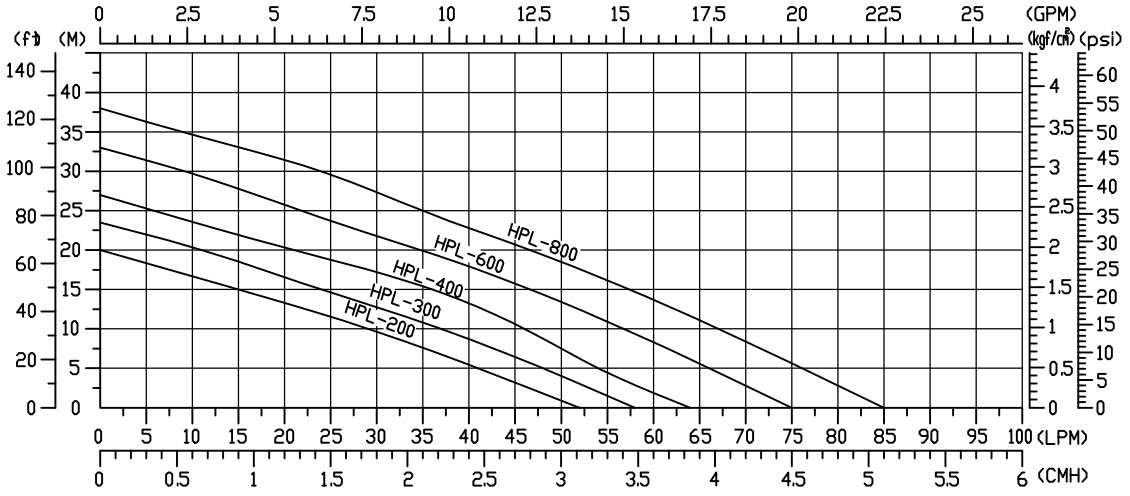
Dimensions



MODEL	A(mm)	B(mm)	INTEL/OUTLET
HPL-200 / HPL-300 / HPL-400	268	242	Rp 1" or NPT 1"
HPL-600 / HPL-800	310	254	Rp 1" or NPT 1"

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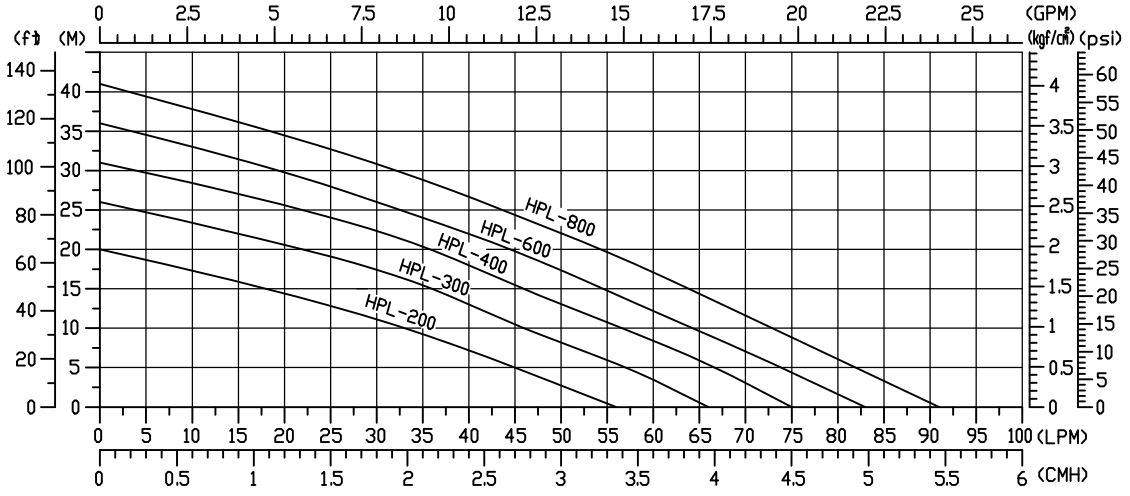
PERFORMANCE CURVES(50HZ)



SPECIFICATIONS(50H)

Model	Power		Frequency	Phase (Φ)	Voltage (V)	A MAX (A)	Head (Pressure)		Flow (Capacity)		Pipe Connection	Units/ Pallet	Pallet Dimension L x W x H (CM)
	HP	Watt					Rated (M)	MAX. (M)	Rated (L/Min)	MAX. (L/Min)			
HPL-200	1/4	200	50hz	1	220-2400	1.2-1.1	11	20	26.5	52	Rp 1"	112	110X110X200
HPL-300	1/3	300	50hz	1	220-2400	1.5-1.4	12.5	23.5	31	56	Rp 1"	112	110X110X200
HPL-400	1/2	400	50hz	1	220-2400	1.7-1.6	14	27	38	64	Rp 1"	112	110X110X200
HPL-600	3/4	600	50hz	1	220-2400	3.0-2.8	15.5	33	45.5	75	Rp 1"	84	110X110X200
HPL-800	1	800	50hz	1	220-2400	3.8-3.5	17	38	53.5	85	Rp 1"	84	110X110X200

PERFORMANCE CURVES(60HZ)



SPECIFICATIONS(60H)

Model	Power		Frequency	Phase (Φ)	Voltage (V)	A MAX (A)	Head (Pressure)		Flow (Capacity)		Pipe Connection	Units/ Pallet	Pallet Dimension L x W x H (CM)
	HP	Watt					Rated (M)	MAX. (M)	Rated (L/Min)	MAX. (L/Min)			
HPL-200	1/4	200	60hz	1	100-120/200-240	3.4-3.0/1.7-1.5	11	21	28	56	Rp 1"/NPT 1"	112	110X110X200
HPL-300	1/3	300	60hz	1	100-120/200-240	4.6-4.0/2.3-2.0	12.5	26	41	66	Rp 1"/NPT 1"	112	110X110X200
HPL-400	1/2	400	60hz	1	100-120/200-240	5.8-5.2/2.7-2.6	14	31	48	75	Rp 1"/NPT 1"	112	110X110X200
HPL-600	3/4	600	60hz	1	100-120/200-240	7.8-7.2/3.9-3.6	15.5	36	53.5	84	Rp 1"/NPT 1"	84	110X110X200
HPL-800	1	800	60hz	1	100-120/200-240	10.0-9.2/5.0-4.6	17	41	58	91	Rp 1"/NPT 1"	84	110X110X200

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SUBMERSIBLE PUMP



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HBS SERIES

STAINLESS STEEL SUBMERSIBLE PUMP



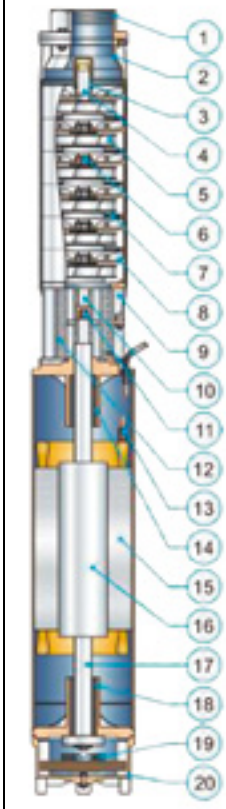
PRODUCT FEATURES

- The core components of this product are all made of SUS 304 stainless steel material, ensuring not only excellent quality but also to prevent the pollution in water.
- The entire motor is also made of stainless steel, providing strong performance, energy efficiency, and durability.

STANDARD SPECIFICATIONS

- Power: 2~35HP
- Diameter: 2~3 inch
- Standard Head: 10~280 m
- Standard Capacity: 60~168 GPM
- Waterproof Rating: IP 68

GENERAL DATA

Material Spacification	No.	Part Name	Material
	1	Outlet	SUS 304
	2	Outlet Terminal Block (Copper)	
	3	Pump Shaft Bearing	BC6
	4	Pump Shaft Bushing	SUS 304
	5	Impeller	
	6	Float Plate	NBR
	7	Water Guide Ring	
	8	Water Guide Pump Casing	SUS 304
	9	Connection Seat	
	10	Pump Shaft	
	11	Coupling	
	12	Filter	
	13	Outlet Cable	XLPE
	14	Motor Upper Bearing Seat	SUS 304
	15	Motor Stator	Silicon Steel Sheet
	16	Motor Rotor	
	17	Motor Shaft	SUS 410
	18	Motor Lower Bearing Seat	SUS 304
	19	Thrust Bearing Assembly	Carbon + Steel Plate
	20	Thrust Bearing Housing	SUS 304

No.5

The SUS 304 stainless steel impeller design adopts a multi-faceted structure, precision stamping and welding for a sturdy and durable construction, which make sure the impeller does not dissolve or disintegrate.

No.6

The float plate (anti-float shock fixed bushing) prevents start-up float shock and enhances the stability of the pump shaft's center positioning during operation.

No.7.8

The SUS one-piece pump casing and the water guide ring use NBR soft rubber to prevent impeller jamming, reduce friction during operation, and increase service life with excellent wear resistance.

No.12

The SUS 304 filter and motor bearing seat are sturdy and durable.

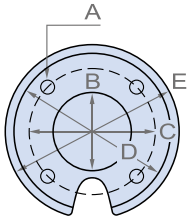
No.19.20

The adjustable thrust bearing seat can automatically adjust and calibrate to maintain the motor's center positioning during operation.

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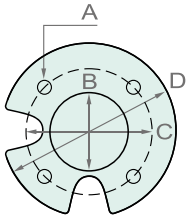
HBS-6 Series 50HZ

4" MOTOR DIMENSION



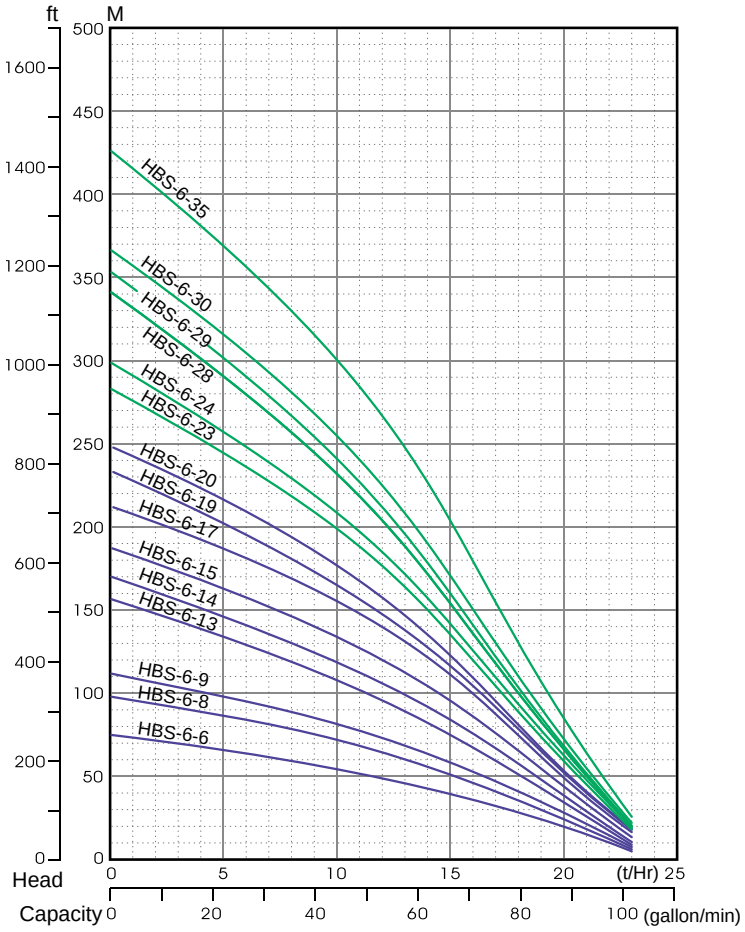
A: ⌀10.0mm
B: ⌀39.0mm
C: ⌀76.5mm
D: ⌀87.3mm
E: ⌀96.0mm

6" MOTOR DIMENSION



A: ⌀14.68mm
B: ⌀76.15mm
C: ⌀111.0mm
D: ⌀137.0mm

PERFORMANCE CURVE





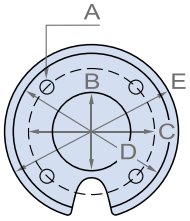
DIMENSION SPECIFICATION

PIPE DIAMETER	TYPE	STAGES	MOTOR		DIMENSION (mm)		Head (Pressure) / Flow (Capacity)			
							RATED		MAX.	
			KW	HP	L	L1	(M)	(GPM)	(M)	(GPM)
6"	HBS-6-6	6	3.7	5	519	127	50	50	75	100
	HBS-6-8	8	5.5	7.5	614	127	68	50	99	100
	HBS-6-9	9	5.5	7.5	661.5	127	77	50	112	100
	HBS-6-6	6	3.7	5	510	127	50	50	75	100
	HBS-6-8	8	5.5	7.5	605	127	68	50	99	100
	HBS-6-9	9	5.5	7.5	652.5	127	77	50	112	100
	HBS-6-13	13	7.5	10	842.5	127	100	50	157	100
	HBS-6-14	14	7.5	10	890	127	110	50	170	100
	HBS-6-15	15	9	12.5	937.5	127	124	50	187	100
	HBS-6-17	17	9	12.5	1032.5	127	145	50	215	100
	HBS-6-19	19	11	15	1127.5	127	153	50	233	100
	HBS-6-20	20	11	15	1175	127	163	50	248	100
8"	HBS-6-23	23	11	15	1317.5	127	183	50	283	100
	HBS-6-24	24	13	17.5	1365	127	192	50	299	100
	HBS-6-28	28	15	20	1555	127	213	50	341	100
	HBS-6-29	29	15	20	1602.5	127	220	50	353	100
	HBS-6-30	30	15	20	1650	127	235	50	366	100
	HBS-6-35	35	18.5	25	1887.5	127	278	50	425	100

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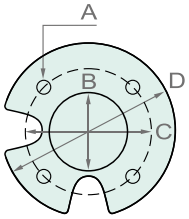
HBS-8 Series 50HZ

4" MOTOR DIMENSION



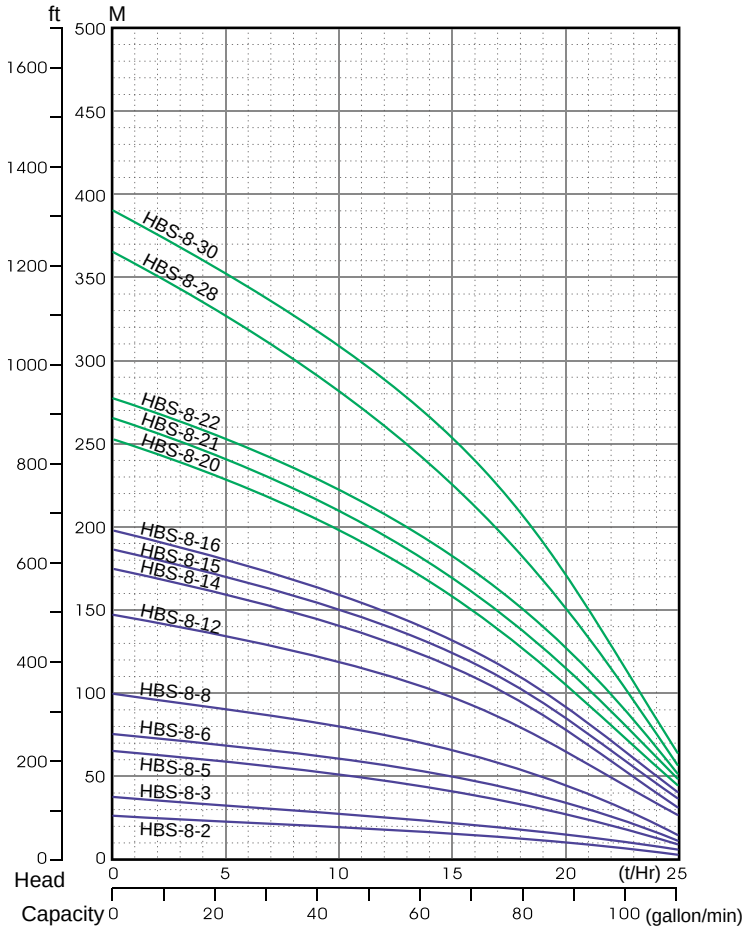
A: ⌀10.0mm
B: ⌀39.0mm
C: ⌀76.5mm
D: ⌀87.3mm
E: ⌀96.0mm

6" MOTOR DIMENSION



A: ⌀14.68mm
B: ⌀76.15mm
C: ⌀111.0mm
D: ⌀137.0mm

PERFORMANCE CURVE





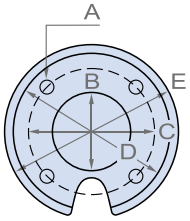
DIMENSION SPECIFICATION

PIPE DIAMETER	TYPE	STAGES	MOTOR		DIMENSION (mm)		Head (Pressure) / Flow (Capacity)			
							RATED		MAX.	
			KW	HP	L	L1	(M)	(GPM)	(M)	(GPM)
6"	HBS-8-2	2	1.5	2	329	127	15	65	25	120
	HBS-8-3	3	2.2	3	376.5	127	23	65	37	120
	HBS-8-5	5	3.7	5	471.5	127	41	65	65	120
	HBS-8-6	6	3.7	5	519	127	50	65	75	120
	HBS-8-8	8	5.5	7.5	614	127	67	65	99	120
	HBS-8-5	5	3.7	5	462.5	127	41	65	65	120
	HBS-8-6	6	3.7	5	510	127	50	65	75	120
	HBS-8-8	8	5.5	7.5	605	127	67	65	99	120
	HBS-8-12	12	7.5	10	795	127	99	65	147	120
	HBS-8-14	14	11	15	890	127	116	65	174	120
	HBS-8-15	15	11	15	937.5	127	125	65	186	120
	HBS-8-16	16	11	15	985	127	133	65	197	120
8"	HBS-8-20	20	13	17.5	1175	127	159	65	253	120
	HBS-8-21	21	13	17.5	1222.5	127	170	65	264	120
	HBS-8-22	22	15	20	1270	127	184	65	275	120
	HBS-8-28	28	18.5	25	1555	127	228	65	364	120
	HBS-8-30	30	18.5	25	1650	127	256	65	390	120

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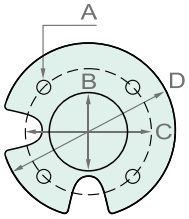
HBS-12 Series 50HZ

4" MOTOR DIMENSION



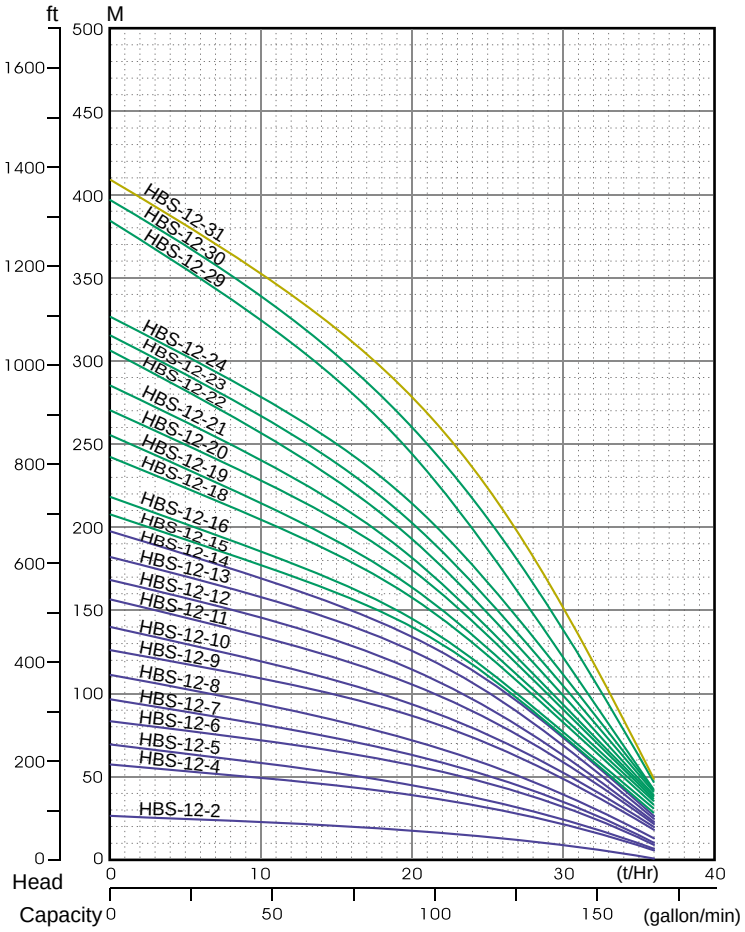
A: ⌀10.0mm
B: ⌀39.0mm
C: ⌀76.5mm
D: ⌀87.3mm
E: ⌀96.0mm

6" MOTOR DIMENSION



A: ⌀14.68mm
B: ⌀76.15mm
C: ⌀111.0mm
D: ⌀137.0mm

PERFORMANCE CURVE





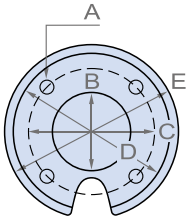
DIMENSION SPECIFICATION

PIPE DIAMETER	TYPE	STAGES	MOTOR		DIMENSION (mm)		Head (Pressure) / Flow (Capacity)			
							RATED		MAX.	
			KW	HP	L	L1	(M)	(GPM)	(M)	(GPM)
6"	HBS-12-2	2	2.2	3	348	127	17	88	27	155
	HBS-12-4	4	3.7	5	462	127	38	88	57	155
	HBS-12-5	5	5.5	7.5	519	127	45	88	68	155
	HBS-12-6	6	5.5	7.5	576	127	58	88	83	155
	HBS-12-2	2	2.2	3	339	127	17	88	27	155
	HBS-12-4	4	3.7	5	453	127	38	88	57	155
	HBS-12-5	5	5.5	7.5	510	127	45	88	68	155
	HBS-12-6	6	5.5	7.5	567	127	58	88	83	155
	HBS-12-7	7	7.5	10	624	127	63	88	97	155
	HBS-12-8	8	7.5	10	681	127	73	88	111	155
	HBS-12-9	9	9	12.5	738	127	85	88	126	155
	HBS-12-10	10	9	12.5	795	127	93	88	139	155
	HBS-12-11	11	11	15	852	127	105	88	156	155
	HBS-12-12	12	11	15	909	127	115	88	167	155
	HBS-12-13	13	13	17.5	966	127	125	88	182	155
	HBS-12-14	14	13	17.5	1023	127	134	88	197	155
8"	HBS-12-15	15	15	20	1080	127	140	88	207	155
	HBS-12-16	16	15	20	1137	127	145	88	217	155
	HBS-12-18	18	15	20	1251	127	155	88	242	155
	HBS-12-19	19	16.5	22.5	1308	127	162	88	255	155
	HBS-12-20	20	16.5	22.5	1365	127	174	88	270	155
	HBS-12-21	21	18.5	25	1422	127	181	88	252	155
	HBS-12-22	22	18.5	25	1479	127	192	88	305	155
	HBS-12-23	23	22	30	1536	127	202	88	315	155
	HBS-12-24	24	22	30	1593	127	212	88	325	155
	HBS-12-29	29	26	35	1878	127	242	88	382	155
	HBS-12-30	30	26	35	1935	127	254	88	398	155
10"	HBS-12-31	31	30	40	1992	127	274	88	409	155

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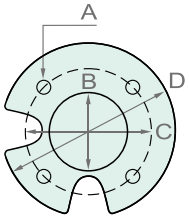
HBS-15 Series 50HZ

4" MOTOR DIMENSION



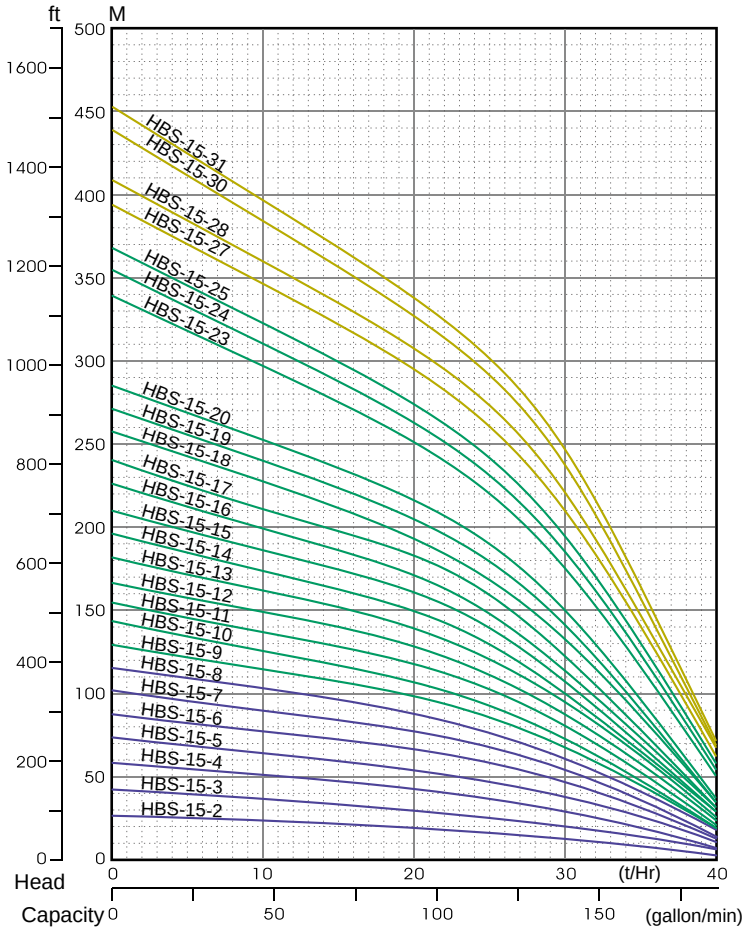
A: ⌀10.0mm
B: ⌀39.0mm
C: ⌀76.5mm
D: ⌀87.3mm
E: ⌀96.0mm

6" MOTOR DIMENSION



A: ⌀14.68mm
B: ⌀76.15mm
C: ⌀111.0mm
D: ⌀137.0mm

PERFORMANCE CURVE





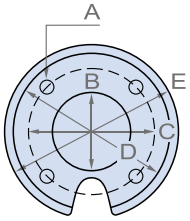
DIMENSION SPECIFICATION

PIPE DIAMETER	TYPE	STAGES	MOTOR		DIMENSION (mm)		Head (Pressure) / Flow (Capacity)			
							RATED		MAX.	
			KW	HP	L	L1	(M)	(GPM)	(M)	(GPM)
6"	HBS-15-2	2	2.2	3	348	127	18	100	27	175
	HBS-15-3	3	3.7	5	405	127	28	100	42	175
	HBS-15-4	4	5.5	7.5	462	127	40	100	59	175
	HBS-15-2	2	2.2	3	339	127	18	100	27	175
	HBS-15-3	3	3.7	5	396	127	28	100	42	175
	HBS-15-4	4	5.5	7.5	453	127	40	100	59	175
	HBS-15-5	5	7.5	10	510	127	51	100	74	175
	HBS-15-6	6	7.5	10	567	127	63	100	88	175
	HBS-15-7	7	9	12.5	624	127	73	100	102	175
	HBS-15-8	8	11	15	681	127	83	100	116	175
8"	HBS-15-9	9	13	17.5	738	127	93	100	130	175
	HBS-15-10	10	13	17.5	795	127	101	100	143	175
	HBS-15-11	11	15	20	852	127	111	100	154	175
	HBS-15-12	12	15	20	909	127	121	100	168	175
	HBS-15-13	13	15	20	966	127	131	100	182	175
	HBS-15-14	14	16.5	22.5	1023	127	141	100	196	175
	HBS-15-15	15	16.5	22.5	1080	127	151	100	210	175
	HBS-15-16	16	18.5	25	1137	127	161	100	225	175
	HBS-15-17	17	18.5	25	1194	127	171	100	240	175
	HBS-15-18	18	20.5	27.5	1251	127	183	100	257	175
	HBS-15-19	19	22	30	1308	127	193	100	272	175
	HBS-15-20	20	22	30	1365	127	203	100	286	175
	HBS-15-23	23	26	35	1536	127	237	100	340	175
	HBS-15-24	24	26	35	1593	127	247	100	355	175
	HBS-15-25	25	26	35	1650	127	257	100	369	175
10"	HBS-15-27	27	30	40	1764	127	277	100	395	175
	HBS-15-28	28	30	40	1821	127	289	100	410	175
	HBS-15-30	30	37.5	50	1935	127	310	100	440	175
	HBS-15-31	31	37.5	50	1992	127	320	100	454	175

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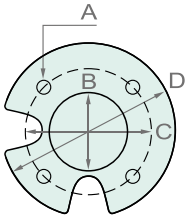
HBS-18 Series 50HZ

4" MOTOR DIMENSION



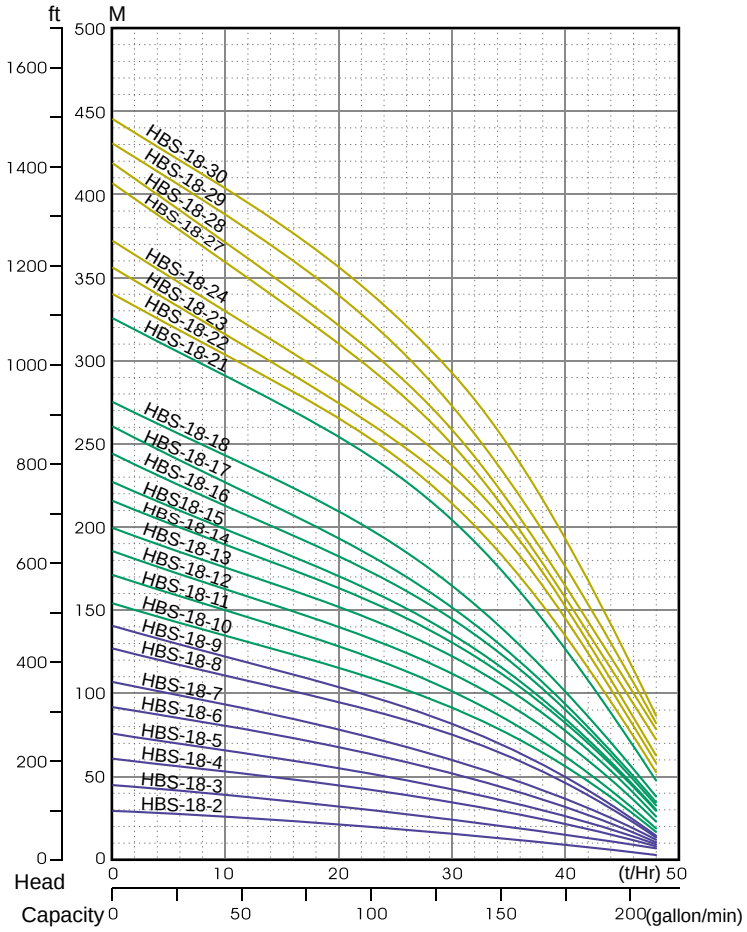
A: ⌀10.0mm
B: ⌀39.0mm
C: ⌀76.5mm
D: ⌀87.3mm
E: ⌀96.0mm

6" MOTOR DIMENSION



A: ⌀14.68mm
B: ⌀76.15mm
C: ⌀111.0mm
D: ⌀137.0mm

PERFORMANCE CURVE





DIMENSION SPECIFICATION

PIPE DIAMETER	TYPE	STAGES	MOTOR		DIMENSION (mm)		Head (Pressure) / Flow (Capacity)			
							RATED		MAX.	
			KW	HP	L	L1	(M)	(GPM)	(M)	(GPM)
6"	HBS-18-2	2	3	4	348	127	18	118	31	210
	HBS-18-3	3	3.7	5	405	127	28	118	47	210
	HBS-18-4	4	5.5	7.5	462	127	38	118	62	210
	HBS-18-3	3	3.7	5	396	127	28	118	47	210
	HBS-18-4	4	5.5	7.5	453	127	38	118	62	210
	HBS-18-5	5	7.5	10	510	127	48	118	77	210
	HBS-18-6	6	7.5	10	567	127	58	118	92	210
	HBS-18-7	7	9	12.5	624	127	68	118	107	210
	HBS-18-8	8	11	15	681	127	83	118	127	210
	HBS-18-9	9	11	15	738	127	90	118	143	210
8"	HBS-18-10	10	13	17.5	795	127	100	118	155	210
	HBS-18-11	11	15	20	852	127	111	118	172	210
	HBS-18-12	12	15	20	909	127	122	118	185	210
	HBS-18-13	13	15	20	966	127	132	118	200	210
	HBS-18-14	14	18.5	25	1023	127	142	118	216	210
	HBS-18-15	15	18.5	25	1080	127	149	118	228	210
	HBS-18-16	16	18.5	25	1137	127	158	118	244	210
	HBS-18-17	17	22	30	1194	127	164	118	261	210
	HBS-18-18	18	22	30	1251	127	182	118	276	210
	HBS-18-21	21	26	35	1422	127	220	118	326	210
10"	HBS-18-22	22	30	40	1479	127	231	118	341	210
	HBS-18-23	23	30	40	1536	127	244	118	355	210
	HBS-18-24	24	30	40	1593	127	255	118	373	210
	HBS-18-27	27	37	50	1764	127	270	118	407	210
	HBS-18-28	28	37	50	1821	127	280	118	418	210
	HBS-18-29	29	37	50	1878	127	296	118	430	210
	HBS-18-30	30	37	50	1935	127	314	118	445	210

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HBC SERIES

STAINLESS STEEL SUBMERSIBLE PUMP



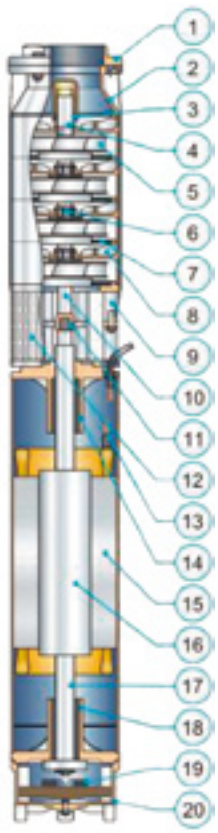
PRODUCT FEATURES

- The core components of this product are all made of SUS 304 stainless steel material, ensuring not only excellent quality but also to prevent the pollution in water.
- The entire motor is also made of stainless steel, providing strong performance, energy efficiency, and durability.

STANDARD SPECIFICATIONS

- Power: 5~35HP
- Diameter: 3~4 inch
- Standard Head: 14~280 m
- Standard Capacity: 122~240 GPM
- Waterproof Rating: IP 68

GENERAL DATA

Material Spacification	No.	Part Name	Material
	1	Outlet	SUS 304
	2	Outlet Terminal Block (Copper)	
	3	Pump Shaft Bearing	BC6
	4	Pump Shaft Bushing	SUS 304
	5	Impeller	
	6	Float Plate	NBR
	7	Water Guide Ring	
	8	Water Guide Pump Casing	SUS 304
	9	Connection Seat	
	10	Pump Shaft	
	11	Coupling	
	12	Filter	
	13	Outlet Cable	XLPE
	14	Motor Upper Bearing Seat	SUS 304
	15	Motor Stator	Silicon Steel Sheet
	16	Motor Rotor	
	17	Motor Shaft	SUS 410
	18	Motor Lower Bearing Seat	SUS 304
	19	Thrust Bearing Assembly	Carbon + Steel Plate
	20	Thrust Bearing Housing	SUS 304

No.5

The SUS 304 stainless steel impeller design adopts a multi-faceted structure, precision stamping and welding for a sturdy and durable construction, which make sure the impeller does not dissolve or disintegrate.

No.6

The float plate (anti-float shock fixed bushing) prevents start-up float shock and enhances the stability of the pump shaft's center positioning during operation.

No.7.8

The SUS one-piece pump casing and the water guide ring use NBR soft rubber to prevent impeller jamming, reduce friction during operation, and increase service life with excellent wear resistance.

No.12.14

The SUS 304 filter and motor bearing seat are sturdy and durable.

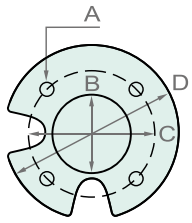
No.19.20

The adjustable thrust bearing seat can automatically adjust and calibrate to maintain the motor's center positioning during operation.

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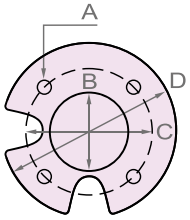
HBC-8 Series 50HZ

6″ MOTOR DIMENSION



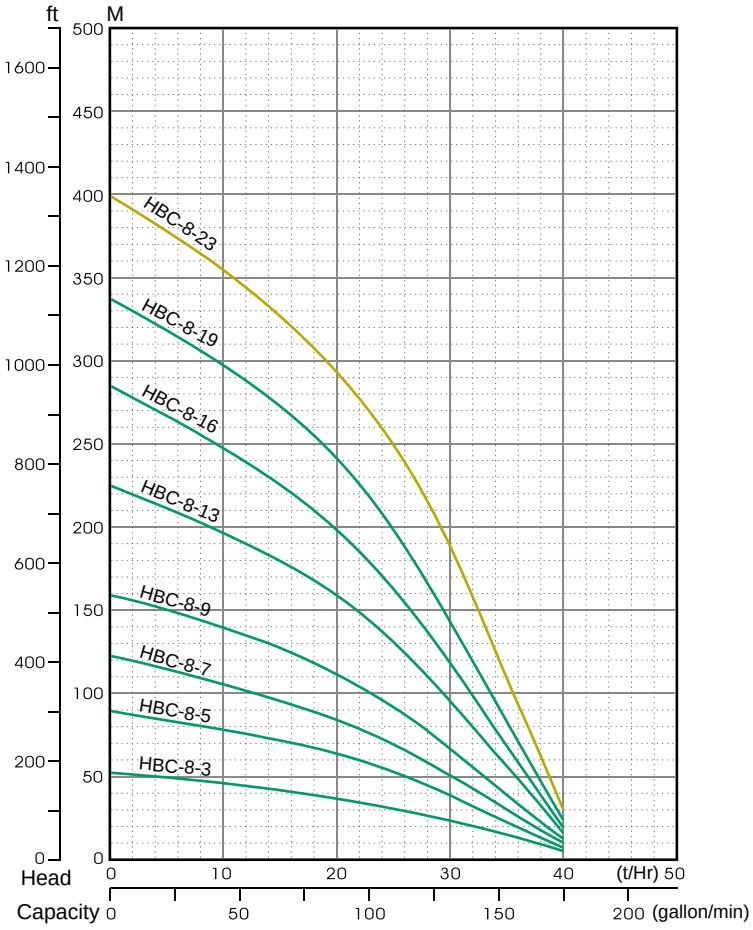
A: ⌀14.68mm
B: ⌀76.15mm
C: ⌀111.0mm
D: ⌀137.0mm

8″ MOTOR DIMENSION



A: ⌀19.0mm
B: ⌀127.0mm
C: ⌀152.4mm
D: ⌀195.5mm

PERFORMANCE CURVE





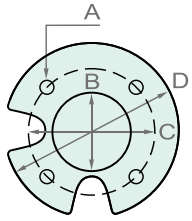
DIMENSION SPECIFICATION

PIPE DIAMETER	TYPE	STAGES	MOTOR		DIMENSION (mm)		Head (Pressure) / Flow (Capacity)			
							RATED		MAX.	
			KW	HP	L	L1	(M)	(GPM)	(M)	(GPM)
8"	HBC-8-3	3	3.7	5	359	165	34	100	54	175
	HBC-8-5	5	5.5	7.5	454	165	60	100	90	175
	HBC-8-7	7	7.5	10	549	165	77	100	123	175
	HBC-8-9	9	11	15	644	165	104	100	160	175
	HBC-8-13	13	15	20	834	165	145	100	225	175
	HBC-8-16	16	18.5	25	976.5	165	180	100	285	175
	HBC-8-19	19	22	30	1119	165	217	100	337	175
10"	HBC-8-23	23	30	40	1309	165	270	100	400	175

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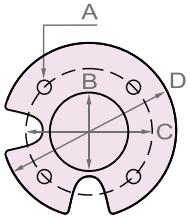
HBC-12 Series 50HZ

6" MOTOR DIMENSION



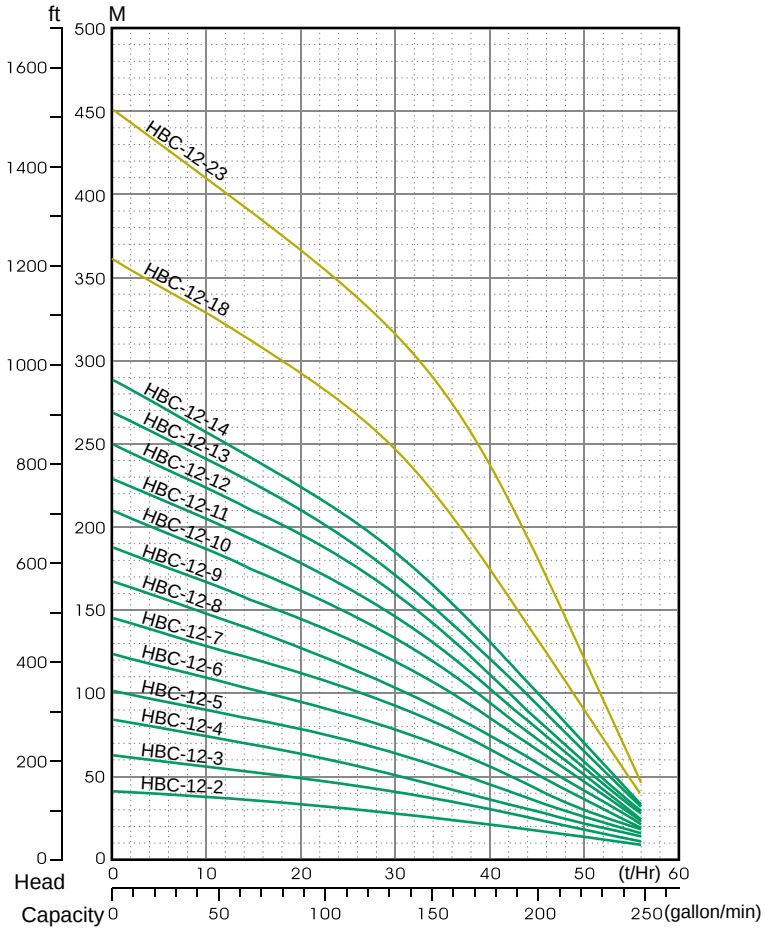
A: ϕ14.68mm
B: ϕ76.15mm
C: ϕ111.0mm
D: ϕ137.0mm

8" MOTOR DIMENSION



A: ϕ19.0mm
B: ϕ127.0mm
C: ϕ152.4mm
D: ϕ195.5mm

PERFORMANCE CURVE





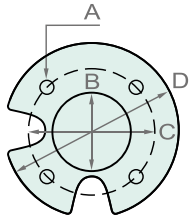
DIMENSION SPECIFICATION

PIPE DIAMETER	TYPE	STAGES	MOTOR		DIMENSION (mm)		Head (Pressure) / Flow (Capacity)			
							RATED		MAX.	
			KW	HP	L	L1	(M)	(GPM)	(M)	(GPM)
8"	HBC-12-2	2	3.7	5	330	165	29	120	41	250
	HBC-12-3	3	5.5	7.5	387	165	43	120	62	250
	HBC-12-4	4	7.5	10	444	165	55	120	82.5	250
	HBC-12-5	5	7.5	10	501	165	67	120	101	250
	HBC-12-6	6	11	15	558	165	83	120	122	250
	HBC-12-7	7	11	15	615	165	97	120	144	250
	HBC-12-8	8	13	17.5	672	165	112	120	165	250
	HBC-12-9	9	15	20	729	165	127	120	187	250
	HBC-12-10	10	16.5	22.5	786	165	138	120	208	250
	HBC-12-11	11	18.5	25	843	165	156	120	228	250
	HBC-12-12	12	20.5	27.5	900	165	173	120	250	250
	HBC-12-13	13	22	30	957	165	185	120	267	250
	HBC-12-14	14	22	30	1014	165	197	120	288	250
10"	HBC-12-18	18	30	40	1242	165	259	120	360	250
	HBC-12-23	23	37.5	50	1527	165	331	120	460	250

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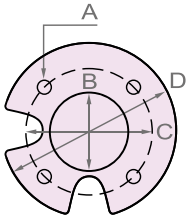
HBC-15 Series 50HZ

6" MOTOR DIMENSION



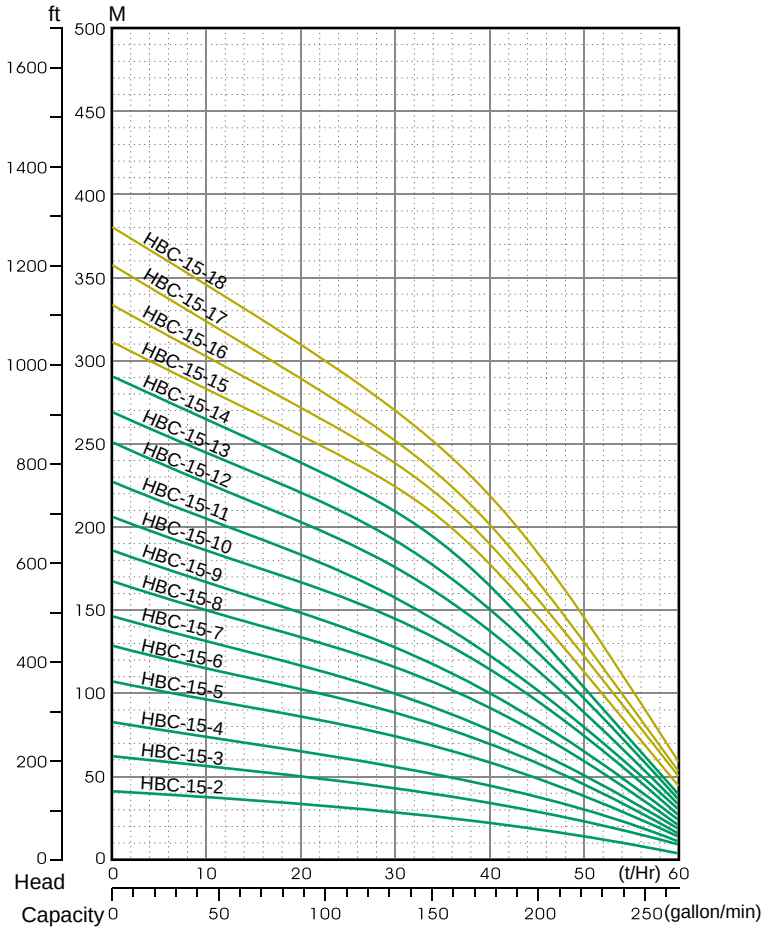
A: ⌀14.68mm
B: ⌀76.15mm
C: ⌀111.0mm
D: ⌀137.0mm

8" MOTOR DIMENSION



A: ⌀19.0mm
B: ⌀127.0mm
C: ⌀152.4mm
D: ⌀195.5mm

PERFORMANCE CURVE





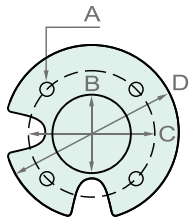
DIMENSION SPECIFICATION

PIPE DIAMETER	TYPE	STAGES	MOTOR		DIMENSION (mm)		Head (Pressure) / Flow (Capacity)			
							RATED		MAX.	
			KW	HP	L	L1	(M)	(GPM)	(M)	(GPM)
8"	HBC-15-2	2	3.7	5	330	165	27	150	41	280
	HBC-15-3	3	5.5	7.5	387	165	40	150	62	280
	HBC-15-4	4	7.5	10	444	165	53	150	82.5	280
	HBC-15-5	5	9	12.5	501	165	70	150	107	280
	HBC-15-6	6	11	15	558	165	83	150	127.5	280
	HBC-15-7	7	13	17.5	615	165	93	150	146	280
	HBC-15-8	8	15	20	672	165	107	150	167	280
	HBC-15-9	9	16.5	22.5	729	165	118	150	185	280
	HBC-15-10	10	18.5	25	786	165	134	150	206	280
	HBC-15-11	11	20.5	27.5	843	165	146	150	225	280
	HBC-15-12	12	22	30	900	165	164	150	250	280
	HBC-15-13	13	26	35	957	165	179	150	268	280
	HBC-15-14	14	26	35	1014	165	196	150	290	280
10"	HBC-15-15	15	30	40	1071	165	210	150	310	280
	HBC-15-16	16	30	40	1128	165	223	150	333	280
	HBC-15-17	17	33.5	45	1185	165	235	150	357	280
	HBC-15-18	18	37.5	50	1242	165	253	150	380	280

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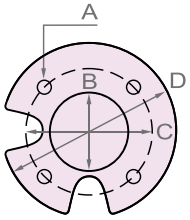
HBC-18 Series 50HZ

6″ MOTOR DIMENSION



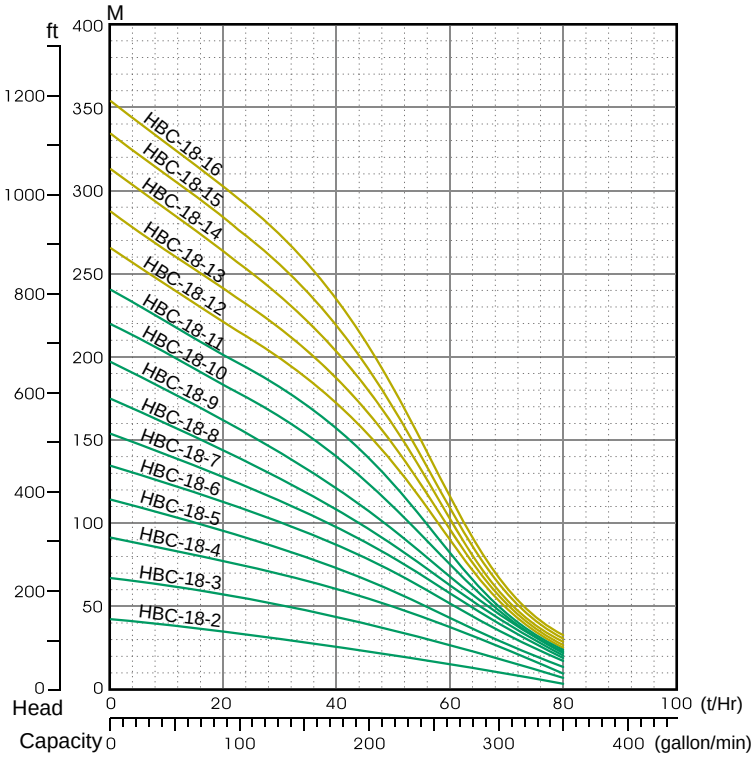
A: ⌀14.68mm
B: ⌀76.15mm
C: ⌀111.0mm
D: ⌀137.0mm

8″ MOTOR DIMENSION



A: ⌀19.0mm
B: ⌀127.0mm
C: ⌀152.4mm
D: ⌀195.5mm

PERFORMANCE CURVE





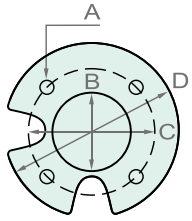
DIMENSION SPECIFICATION

PIPE DIAMETER	TYPE	STAGES	MOTOR		DIMENSION (mm)		Head (Pressure) / Flow (Capacity)			
							RATED		MAX.	
			KW	HP	L	L1	(M)	(GPM)	(M)	(GPM)
8"	HBC-18-2	2	5.5	7.5	340	165	25	180	42	350
	HBC-18-3	3	7.5	10	400	165	43	180	67	350
	HBC-18-4	4	9	12.5	460	165	61	180	91	350
	HBC-18-5	5	11	15	520	165	73	180	114	350
	HBC-18-6	6	13	17.5	580	165	87	180	134	350
	HBC-18-7	7	15	20	640	165	97	180	154	350
	HBC-18-8	8	18.5	25	700	165	108	180	174	350
	HBC-18-9	9	22	30	760	165	123	180	196	350
	HBC-18-10	10	26	35	820	165	142	180	220	350
	HBC-18-11	11	26	35	880	165	154	180	241	350
10"	HBC-18-12	12	30	40	940	165	170	180	265	350
	HBC-18-13	13	30	40	1000	165	187	180	286	350
	HBC-18-14	14	37.5	50	1060	165	203	180	312	350
	HBC-18-15	15	37.5	50	1120	165	216	180	334	350
	HBC-18-16	16	37.5	50	1180	165	283	180	354	350

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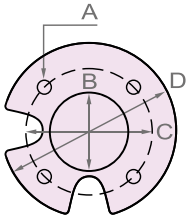
HBC-20 Series 50HZ

6″ MOTOR DIMENSION



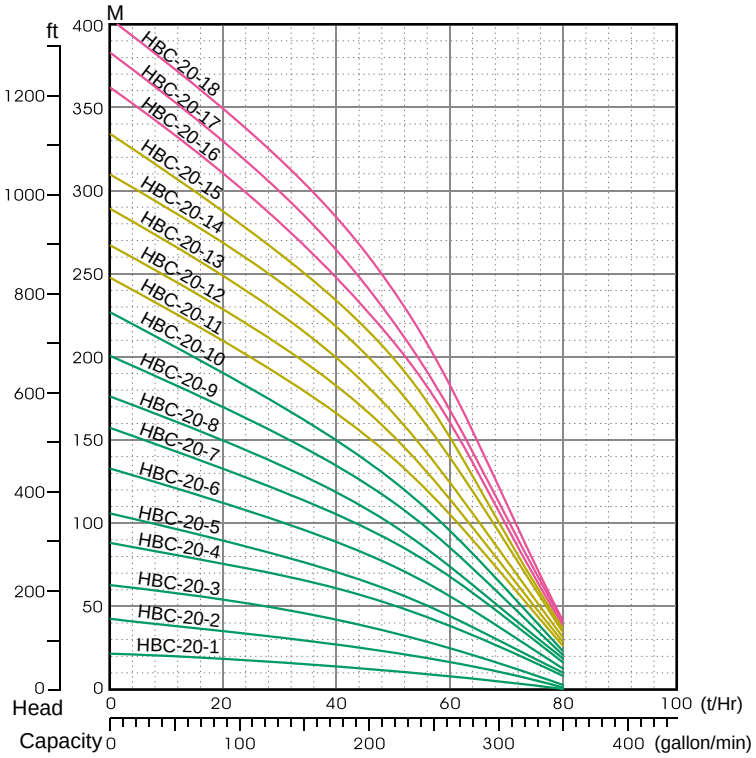
A: ⌀14.68mm
B: ⌀76.15mm
C: ⌀111.0mm
D: ⌀137.0mm

8″ MOTOR DIMENSION



A: ⌀19.0mm
B: ⌀127.0mm
C: ⌀152.4mm
D: ⌀195.5mm

PERFORMANCE CURVE





DIMENSION SPECIFICATION

PIPE DIAMETER	TYPE	STAGES	MOTOR		DIMENSION (mm)		Head (Pressure) / Flow (Capacity)			
							RATED		MAX.	
			KW	HP	L	L1	(M)	(GPM)	(M)	(GPM)
8"	HBC-20-1	1	3.7	5	280	165	13	190	21	370
	HBC-20-2	2	5.5	7.5	340	165	25	190	42	370
	HBC-20-3	3	7.5	10	400	165	40	190	52	370
	HBC-20-4	4	11	15	460	165	58	190	88	370
	HBC-20-5	5	13	17.5	520	165	68	190	106	370
	HBC-20-6	6	15	20	580	165	85	190	132	370
	HBC-20-7	7	18.5	25	640	165	101	190	167	370
	HBC-20-8	8	18.5	25	700	165	113	190	176	370
	HBC-20-9	9	22	30	760	165	128	190	200	370
	HBC-20-10	10	26	35	820	165	143	190	227	370
10"	HBC-20-11	11	30	40	880	165	158	190	248	370
	HBC-20-12	12	30	40	940	165	175	190	267	370
	HBC-20-13	13	37.5	50	1000	165	190	190	288	370
	HBC-20-14	14	37.5	50	1060	165	207	190	310	370
	HBC-20-15	15	37.5	50	1120	165	223	190	334	370
12"	HBC-20-16	16	45	60	1180	165	236	190	362	370
	HBC-20-17	17	45	60	1240	165	253	190	383	370
	HBC-20-18	18	45	60	1300	165	271	190	408	370

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HAS SERIES

STAINLESS STEEL SUBMERSIBLE PUMP



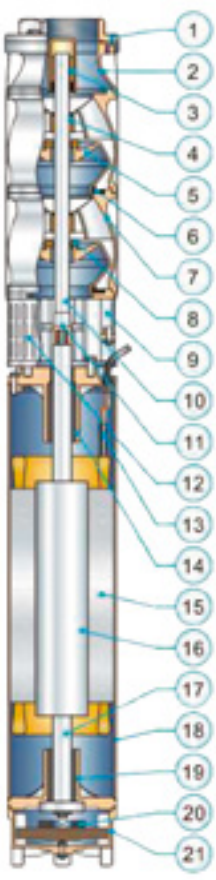
PRODUCT FEATURES

- The core components of this product are all made of SUS 304 stainless steel material, ensuring not only excellent quality but also to prevent the pollution in water.
- The entire motor is also made of stainless steel, providing strong performance, energy efficiency, and durability.

STANDARD SPECIFICATIONS

- Power: 5~40 HP
- Diameter: 4" / 4" X10k
- Standard Head: 12~75 m
- Standard Capacity: 300~520 GPM
- Waterproof Rating: IP 68

GENERAL DATA

Material Spacification	No.	Part Name	Material
	1	Outlet	SUS 304
	2	Outlet Terminal Block (Copper)	
	3	Pump Shaft Bearing	BC6
	4	Pump Shaft Bushing	
	5	Impeller	SCS 13
	6	Water Guide Ring	NBR
	7	Water Guide Pump Casing	SCS 13
	8	Bakelite Board	Phenol Formaldehyde Resins
	9	Connection Seat	SUS 304
	10	Pump Shaft	SUS 410
	11	Coupling	
	12	Filter	SUS 304
	13	Outlet Cable	XLPE
	14	Motor Upper Bearing Seat	SUS 304
	15	Motor Stator	Silicon Steel Sheet
	16	Motor Rotor	
	17	Motor Shaft	SUS 410
	18	Motor Housing	SUS 304
	19	Motor Lower Bearing Seat	SUS 304+Graphite
	20	Thrust Bearing Assembly	Graphite + Steel Plate
	21	Thrust Bearing Housing	SUS 304

No.1.2

The SCS 13 stainless steel cast impeller and pump casing are perfectly paired SUS 410 stainless steel pump shaft, which have exceptional durability and robust performance.

No.6

The water guide ring use NBR soft rubber to prevent impeller jamming, reduce friction during operation, and increase service life with excellent wear resistance.

No.8

The bakelite board (anti-float shock fixed bushing) prevents start-up float shock and enhances the stability of the pump shaft's center positioning during operation.

No.14.19

The SUS 304 filter and motor bearing seat are sturdy and durable.

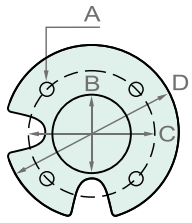
No.20.21

The adjustable thrust bearing seat can automatically adjust and calibrate to maintain the motor's center positioning during operation.

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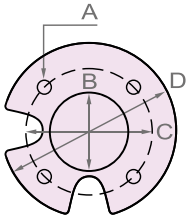
HAS-2 Series 50HZ

6″ MOTOR DIMENSION



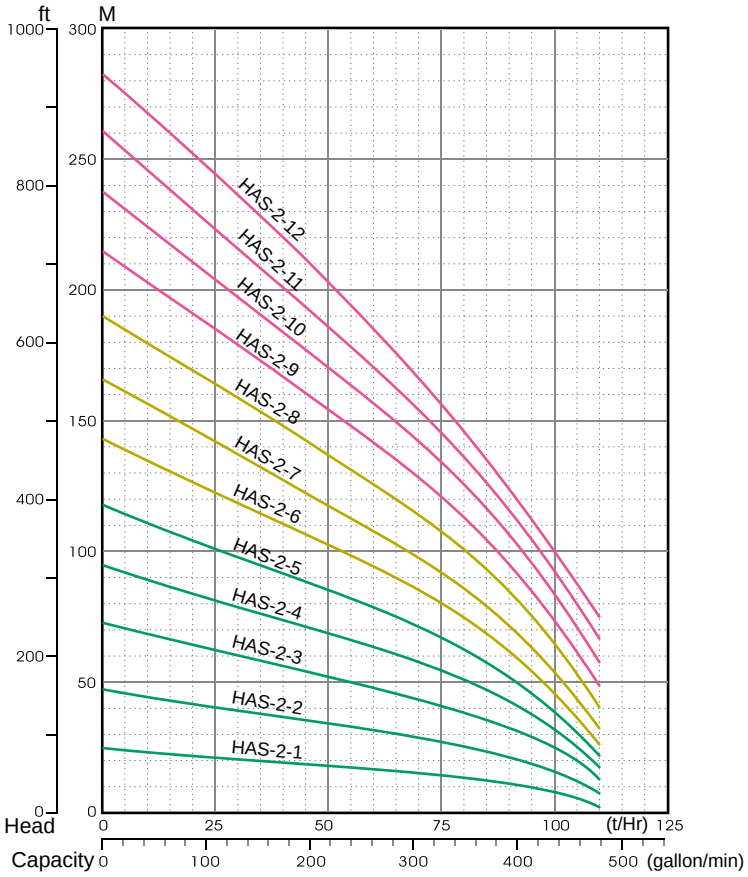
A: ⌀14.68mm
B: ⌀76.15mm
C: ⌀111.0mm
D: ⌀137.0mm

8″ MOTOR DIMENSION



A: ⌀19.0mm
B: ⌀127.0mm
C: ⌀152.4mm
D: ⌀195.5mm

PERFORMANCE CURVE





DIMENSION SPECIFICATION

PIPE DIAMETER	TYPE	STAGES	MOTOR		DIMENSION (mm)			Head (Pressure) / Flow (Capacity)			
								RATED		MAX.	
			KW	HP	L	L1	L2	(M)	(GPM)	(M)	(GPM)
8"	HAS-2-1	1	7.5	10	320	175	165	16	260	25	480
	HAS-2-2	2	11	15	440	175	165	32	260	48	480
	HAS-2-3	3	15	20	560	175	165	48	260	73	480
	HAS-2-4	4	18.5	25	680	175	165	64	260	95	480
	HAS-2-5	5	22	30	800	175	165	78	260	118	480
10"	HAS-2-6	6	30	40	920	175	165	94	260	143	480
	HAS-2-7	7	33.5	45	1164	210	165	109	260	166	480
	HAS-2-8	8	42	55	1286	210	165	126	260	191	480
12"	HAS-2-9	9	45	60	1408	210	165	142	260	214	480
	HAS-2-10	10	53	70	1530	210	165	157	260	237	480
	HAS-2-11	11	55	75	1652	210	165	170	260	262	480
	HAS-2-12	12	55	75	1774	210	165	185	260	283	480

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HAC SERIES

STAINLESS STEEL SUBMERSIBLE PUMP



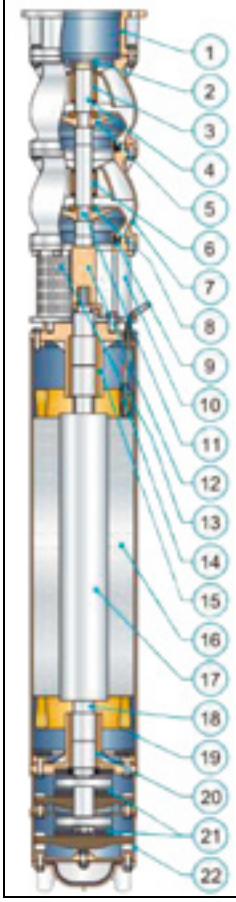
PRODUCT FEATURES

- The core components of this product are all made of SUS 304 stainless steel material, ensuring not only excellent quality but also to prevent the pollution in water.
- The entire motor is also made of stainless steel, providing strong performance, energy efficiency, and durability.

STANDARD SPECIFICATIONS

- Power: 15~120 HP (Optional dual thrust bearing motor available for 40~50HP)
- Diameter: 5"
- Standard Head: 21~133 m
- Standard Capacity: 565~800 GPM
- Waterproof Rating: IP 68

GENERAL DATA

Material Spacification	No.	Part Name	Material
	1	Outlet	SUS 304
	2	Outlet Terminal Block (Copper)	
	3	Pump Shaft Bearing	BC6
	4	Pump Shaft Bushing	SUS 304
	5	Impeller	SCS 13
	6	Pump Casing Bearing	BC6
	7	Water Guide Pump Casing	SCS 13
	8	Bakelite Board	Phenol Formaldehyde Resins
	9	Water Guide Ring	NBR
	10	Connection Seat	SUS 304
	11	Pump Shaft	SUS 410
	12	Coupling	
	13	Filter	SUS 304
	14	Outlet Cable	XLPE
	15	Motor Upper Bearing Seat	SUS 304
	16	Motor Stator	Silicon Steel Sheet
	17	Motor Rotor	
	18	Motor Shaft	SUS 410
	19	Motor Housing	SUS 304
	20	Motor Lower Bearing Seat	SUS 304+Graphite
	21	Thrust Bearing Assembly	Graphite + Steel Plate
	22	Thrust Bearing Housing	SUS 304

No.1

The SCS 13 stainless steel cast impeller and pump casing are perfectly paired SUS 410 stainless steel pump shaft, which have exceptional durability and robust performance.

No.8

The bakelite board (anti-float shock fixed bushing) prevents start-up float shock and enhances the stability of the pump shaft's center positioning during operation.

No.9

The water guide ring use NBR soft rubber to prevent impeller jamming, reduce friction during operation, and increase service life with excellent wear resistance.

No.15.20

The SUS 304 filter and motor bearing seat are sturdy and durable.

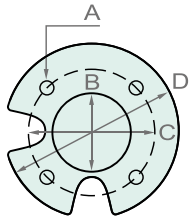
No.21.22

The double thrust bearing seat can automatically adjust and calibrate to maintain the motor's center positioning during operation.

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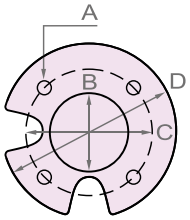
HAC-2 Series 50HZ

6″ MOTOR DIMENSION



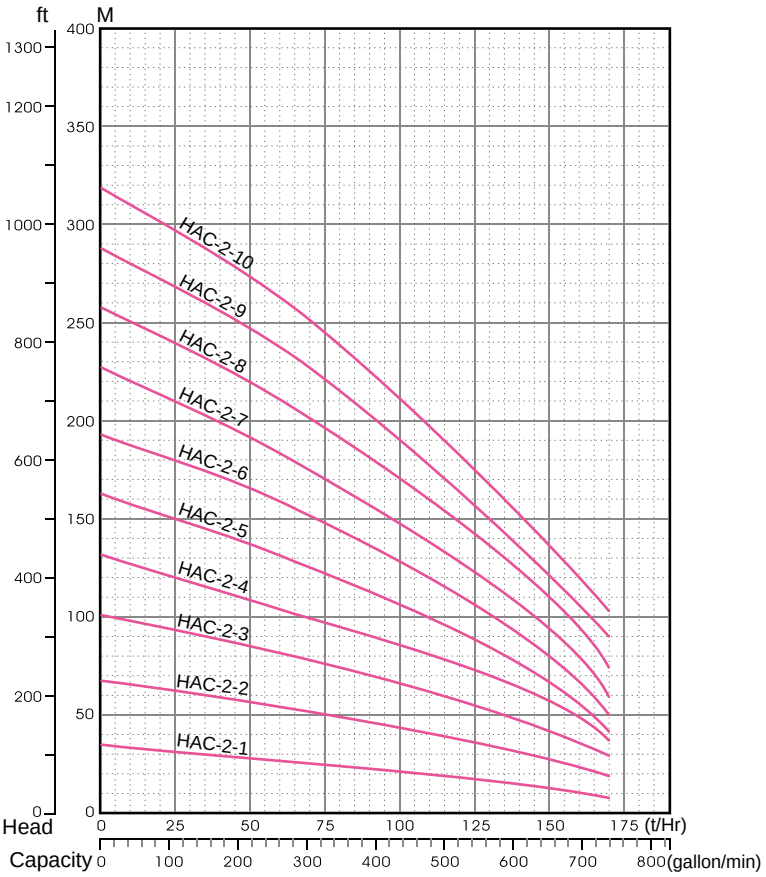
A: ⌀14.68mm
B: ⌀76.15mm
C: ⌀111.0mm
D: ⌀137.0mm

8″ MOTOR DIMENSION



A: ⌀19.0mm
B: ⌀127.0mm
C: ⌀152.4mm
D: ⌀195.5mm

PERFORMANCE CURVE





DIMENSION SPECIFICATION

PIPE DIAMETER	TYPE	STAGES	MOTOR		DIMENSION (mm)			Head (Pressure) / Flow (Capacity)			
								RATED		MAX.	
			KW	HP	L	L1	L2	(M)	(GPM)	(M)	(GPM)
12"	HAC-2-1	1	11	15	478	210	205	21	435	35	740
	HAC-2-2	2	18.5	25	648	210	205	43	435	68	740
	HAC-2-3	3	30	40	818	210	205	66	435	102	740
	HAC-2-4	4	37.5	50	988	210	205	86	435	132	740
	HAC-2-5	5	45	60	1158	210	205	106	435	163	740
	HAC-2-6	6	55	75	1328	210	205	128	435	193	740
	HAC-2-7	7	64	85	1498	210	205	148	435	227	740
	HAC-2-8	8	75	100	1668	210	205	170	435	258	740
	HAC-2-9	9	82.5	110	1838	210	205	191	435	288	740
	HAC-2-10	10	90	120	2008	210	205	212	435	318	740

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HAB SERIES

STAINLESS STEEL SUBMERSIBLE PUMP



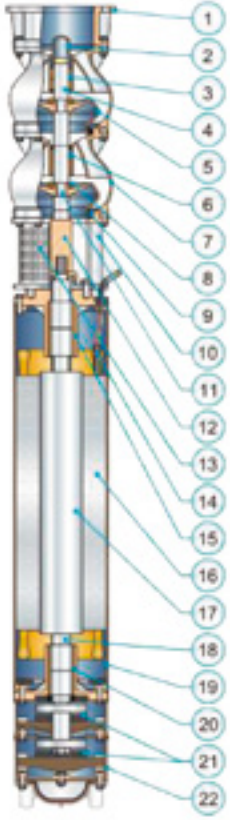
PRODUCT FEATURES

- The core components of this product are all made of SUS 304 stainless steel material, ensuring not only excellent quality but also to prevent the pollution in water.
- The entire motor is also made of stainless steel, providing strong performance, energy efficiency, and durability.

STANDARD SPECIFICATIONS

- Power: 30~150 HP (Optional dual thrust bearing motor available for 40~50HP)
- Diameter: 6" X 10K
- Standard Head: 26~105 m
- Standard Capacity: 920~1600 GPM
- Waterproof Rating: IP 68

GENERAL DATA

Material Spacification	No.	Part Name	Material
	1	Outlet	SUS 304
	2	Outlet Terminal Block (Copper)	
	3	Pump Shaft Bearing	BC6
	4	Pump Shaft Bushing	SUS 304
	5	Impeller	SCS 13
	6	Pump Casing Bearing	BC6
	7	Water Guide Pump Casing	SCS 13
	8	Bakelite Board	Phenol Formaldehyde Resins
	9	Water Guide Ring	NBR
	10	Connection Seat	SUS 304
	11	Pump Shaft	SUS 410
	12	Coupling	
	13	Filter	SUS 304
	14	Outlet Cable	XLPE
	15	Motor Upper Bearing Seat	SUS 304
	16	Motor Stator	Silicon Steel Sheet
	17	Motor Rotor	
	18	Motor Shaft	SUS 410
	19	Motor Housing	SUS 304
	20	Motor Lower Bearing Seat	SUS 304+Graphite
	21	Thrust Bearing Assembly	Graphite + Steel Plate
	22	Thrust Bearing Housing	SUS 304

No.1

The SCS 13 stainless steel cast impeller and pump casing are perfectly paired SUS 410 stainless steel pump shaft, which have exceptional durability and robust performance.

No.8

The bakelite board (anti-float shock fixed bushing) prevents start-up float shock and enhances the stability of the pump shaft's center positioning during operation.

No.9

The water guide ring use NBR soft rubber to prevent impeller jamming, reduce friction during operation, and increase service life with excellent wear resistance.

No.15.20

The SUS 304 filter and motor bearing seat are sturdy and durable.

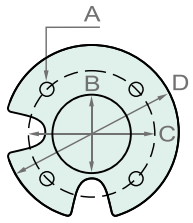
No.21.22

The double thrust bearing seat can automatically adjust and calibrate to maintain the motor's center positioning during operation.

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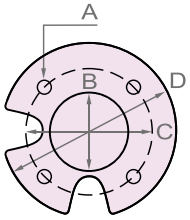
HAB-1 Series 50HZ

6" MOTOR DIMENSION



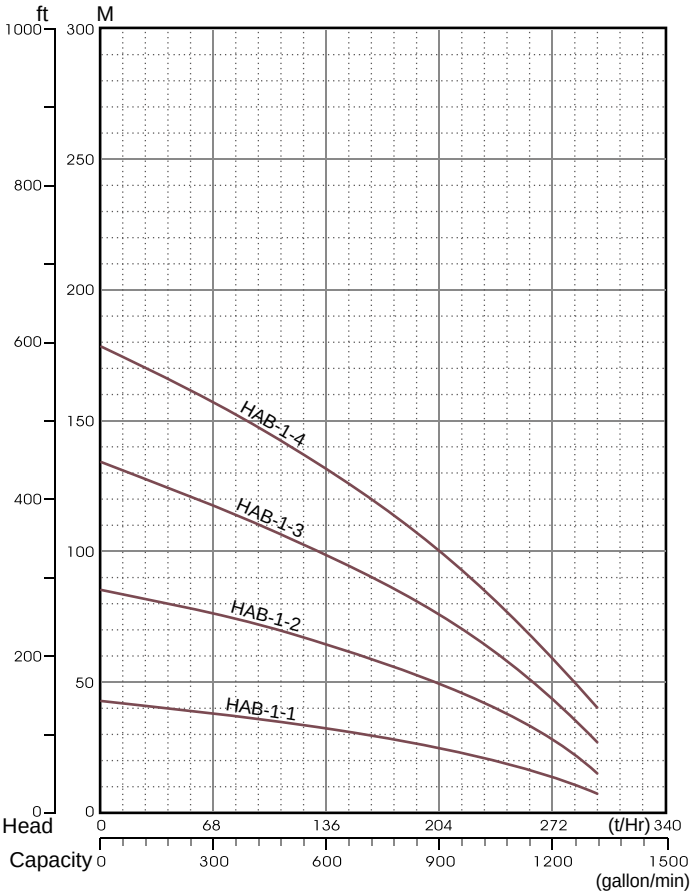
A: ⌀14.68mm
B: ⌀76.15mm
C: ⌀111.0mm
D: ⌀137.0mm

8" MOTOR DIMENSION



A: ⌀19.0mm
B: ⌀127.0mm
C: ⌀152.4mm
D: ⌀195.5mm

PERFORMANCE CURVE





DIMENSION SPECIFICATION

PIPE DIAMETER	TYPE	STAGES	MOTOR		DIMENSION (mm)			Head (Pressure) / Flow (Capacity)			
								RATED		MAX.	
			KW	HP	L	L1	L2	(M)	(GPM)	(M)	(GPM)
14"	HAB-1-1	1	18.5	25	506	278	245	28	780	43	1320
	HAB-1-2	2	37.5	50	682	278	245	56	780	86	1320
	HAB-1-3	3	60	80	858	278	245	87	780	134	1320
	HAB-1-4	4	90	120	1034	278	245	113	780	178	1320

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HBD SERIES

STAINLESS STEEL SUBMERSIBLE PUMP



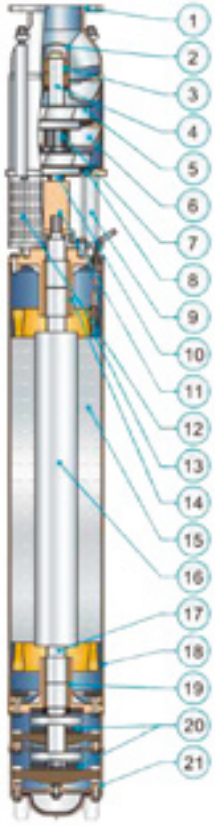
PRODUCT FEATURES

- The core components of this product are all made of SUS 304 stainless steel material, ensuring not only excellent quality but also to prevent the pollution in water.
- The entire motor is also made of stainless steel, providing strong performance, energy efficiency, and durability.

STANDARD SPECIFICATIONS

- Power: 35~100 HP (Optional dual thrust bearing motor available for 40~50HP)
- Diameter: 4" X 10K
- Standard Head: 63~210 m
- Standard Capacity: 260~400 GPM
- Waterproof Rating: IP 68

GENERAL DATA

Material Spacification	No.	Part Name	Material
	1	Outlet	SUS 304
	2	Outlet Terminal Block (Copper)	
	3	Pump Shaft Bearing	BC6
	4	Pump Shaft Bushing	SUS 304
	5	Impeller	SCS 13
	6	Water Guide Pump Casing	SUS 304
	7	Float Plate	NBR
	8	Water Guide Ring	
	9	Connection Seat	SUS 304
	10	Pump Shaft	SUS 410
	11	Coupling	
	12	Filter	SUS 304
	13	Outlet Cable	XLPE
	14	Motor Upper Bearing Seat	SUS 304
	15	Motor Stator	Silicon Steel Sheet
	16	Motor Rotor	
	17	Motor Shaft	SUS 410
	18	Motor Housing	SUS 304
	19	Motor Lower Bearing Seat	SUS 304+Graphite
	20	Thrust Bearing Assembly	Graphite + Steel Plate
	21	Thrust Bearing Housing	SUS 304

No.1

The SCS 13 stainless steel cast impeller and pump casing are perfectly paired SUS 410 stainless steel pump shaft, which have exceptional durability and robust performance.

No.7

The float plate (anti-float shock fixed bushing) prevents start-up float shock and enhances the stability of the pump shaft's center positioning during operation..

No.8

The SUS 304 one-piece pump casing and the water guide ring use NBR soft rubber to prevent impeller jamming, reduce friction during operation, and increase service life with excellent wear resistance.

No.14.19

The SUS 304 filter and motor bearing seat are sturdy and durable.

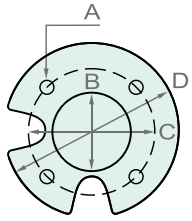
No.20.21

The adjustable thrust bearing seat can automatically adjust and calibrate to maintain the motor's center positioning during operation.

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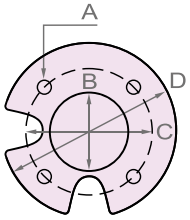
HBD-82 Series 50HZ

6″ MOTOR DIMENSION



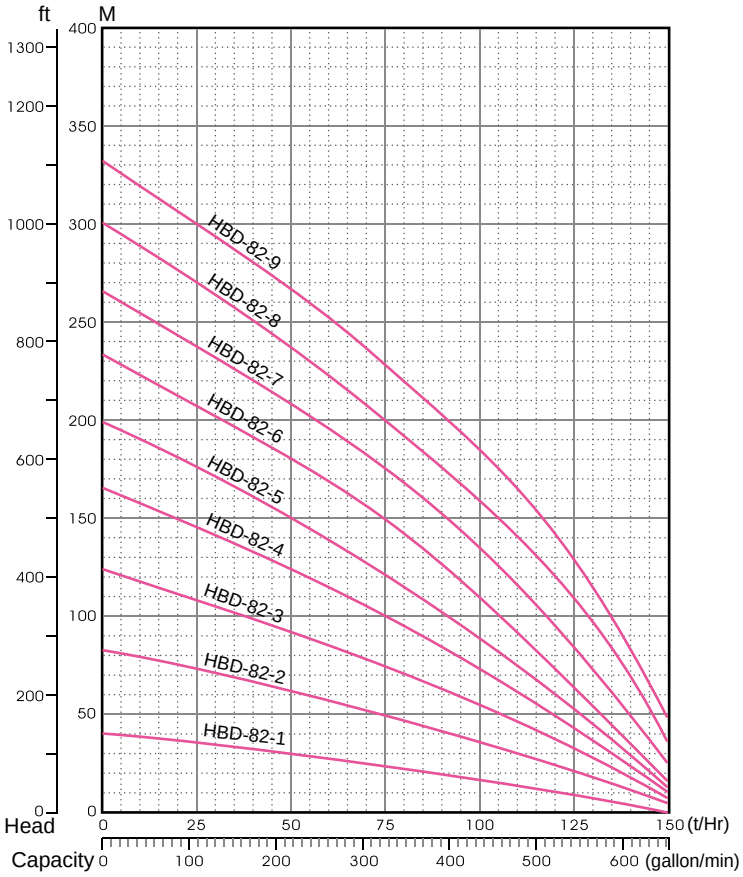
A: ϕ14.68mm
B: ϕ76.15mm
C: ϕ111.0mm
D: ϕ137.0mm

8″ MOTOR DIMENSION



A: ϕ19.0mm
B: ϕ127.0mm
C: ϕ152.4mm
D: ϕ195.5mm

PERFORMANCE CURVE





DIMENSION SPECIFICATION

PIPE DIAMETER	TYPE	STAGES	MOTOR		DIMENSION (mm)			Head (Pressure) / Flow (Capacity)			
								RATED		MAX.	
			KW	HP	L	L1	L2	(M)	(GPM)	(M)	(GPM)
12"	HBD-82-1	1	7.5	10	413	210	205	26	300	41	650
	HBD-82-2	2	15	20	496	210	205	52	300	83	650
	HBD-82-3	3	22.5	30	579	210	205	80	300	124	650
	HBD-82-4	4	30	40	662	210	205	108	300	165	650
	HBD-82-5	5	37.5	50	745	210	205	132	300	200	650
	HBD-82-6	6	45	60	828	210	205	160	300	233	650
	HBD-82-7	7	55	75	911	210	205	185	300	265	650
	HBD-82-8	8	75	100	994	210	205	215	300	300	650
	HBD-82-9	9	90	120	1077	210	205	245	300	335	650

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MEMO

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