

GLOBAL PUMP SOLUTION DOOCH

60Hz



• DHF(T)



• DHM

HORIZONTAL MULTI/SINGLESTAGE PUMP

DHF(T), DHM SERIES



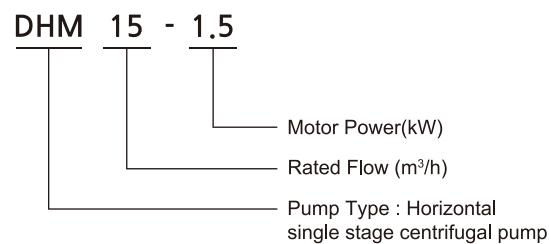
Features

- DHM is single-stage centrifugal pump and features an axial suction and radial discharge.
- Compact structure: the pump is directly connected to the motor
- Convenient installation, screw thread water inlet and outlet
- Light weight, thin, plate pressing structure for main parts and components

Application

- Pressurization and pumping of industrial and civilian clean water or other liquids.
- Water treatment
- Water circulating system
- Other fields for water supply

Definition of Model



Pump Liquid

Clean, thin, non-flammable and explosive, not containing the liquid with solid particle and fiber.

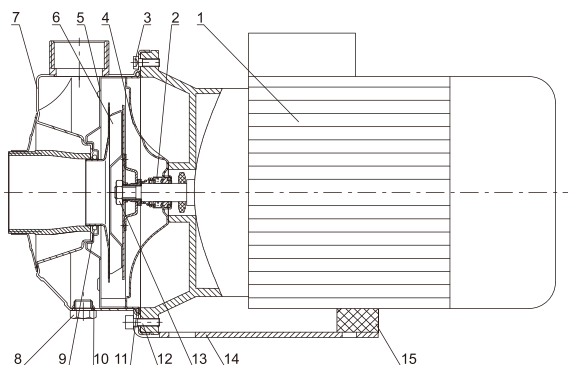
Installation Requirement

- The pump shall be fastened on the stable horizontal base
- The installation of the pump shall ensure that the pump will not be forced by the tension of the pipeline
- The pump shall be installed on the ventilating and anti-freezing place
- Electric wiring device shall guarantee that the pump will not be damaged by lack of phase, unstable voltage, current leakage and overload.

Motor Specification

Motor type : TEFC
Protection class : IP54
Insulation class : F
Standard voltage : 3 phase 220V/380V, 60Hz

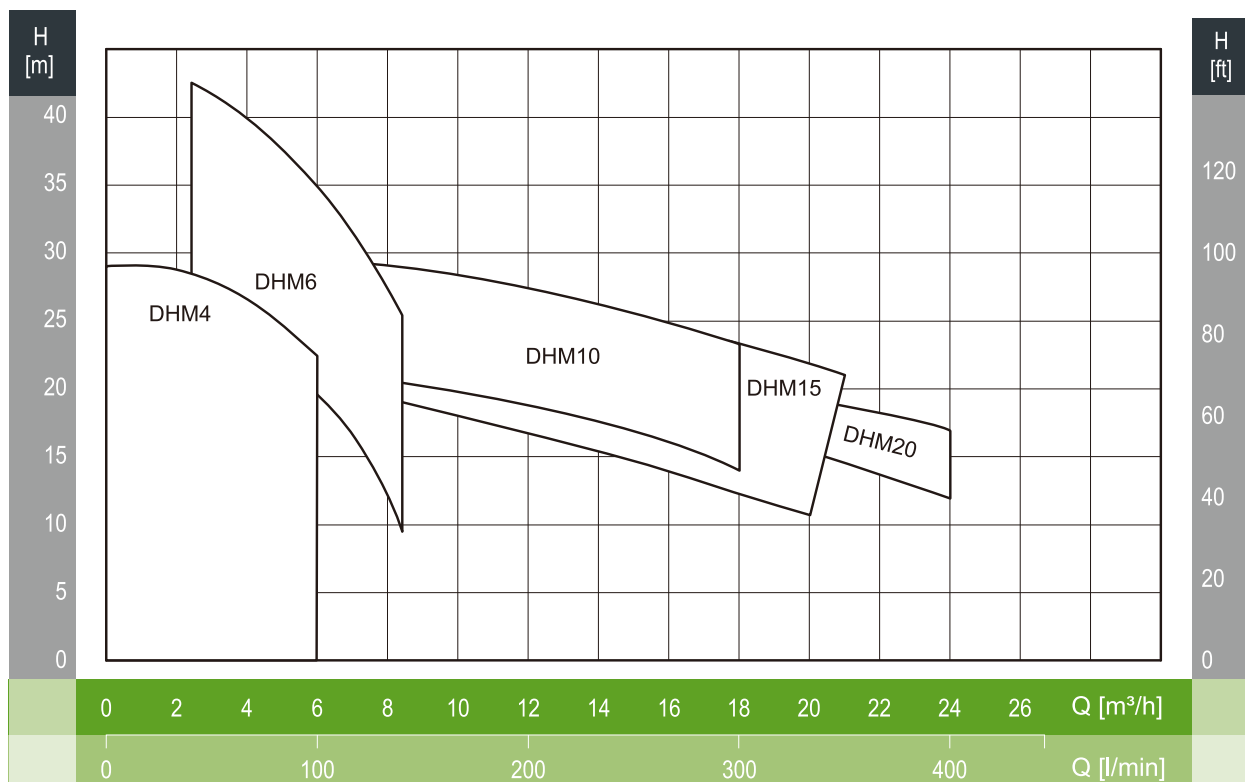
Sectional Drawing



Materials

NO.	PART	MATERIAL	AISI/ASTM
1	Motor	Cast iron / Aluminum diecastings	
2	Mechanical Seal	SIC/CARBON/VITON	
3	Bolt	Stainless steel	AISI304
4	Seal Housing	Stainless steel	AISI304
5	Diffuser	Stainless steel	AISI304
6	Impeller	Stainless steel	AISI304
7	Pump Body	Stainless steel	AISI304
8	Drain Plug	Stainless steel	AISI304
9-11	O-ring	EPDM	
12	Bolt	Stainless steel	AISI304
13	Impeller nut M10	Stainless steel	AISI304
14	Base	Steel	A570
15	Support	EPDM	

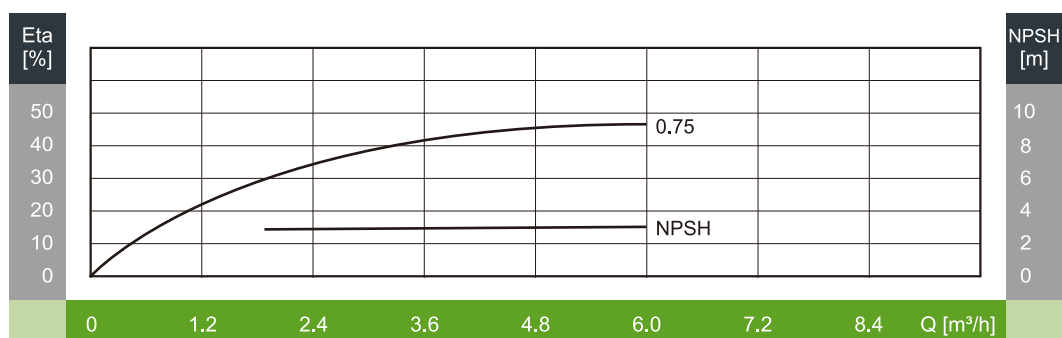
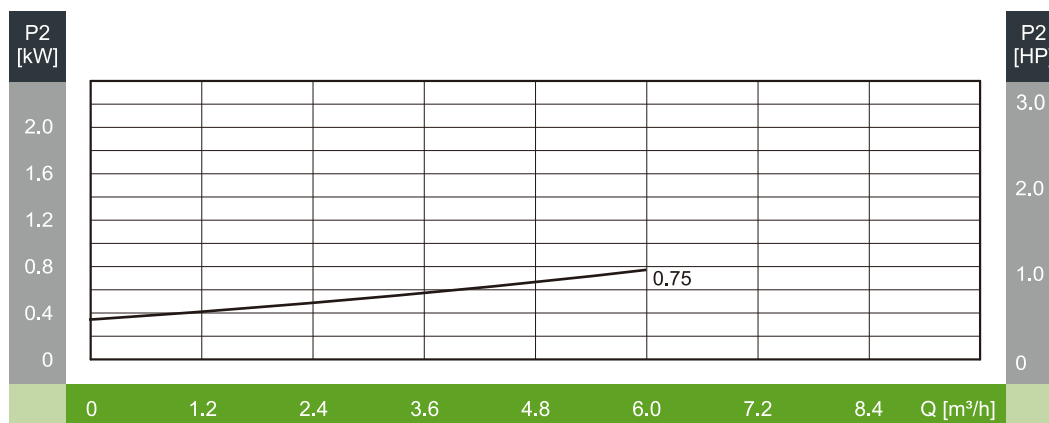
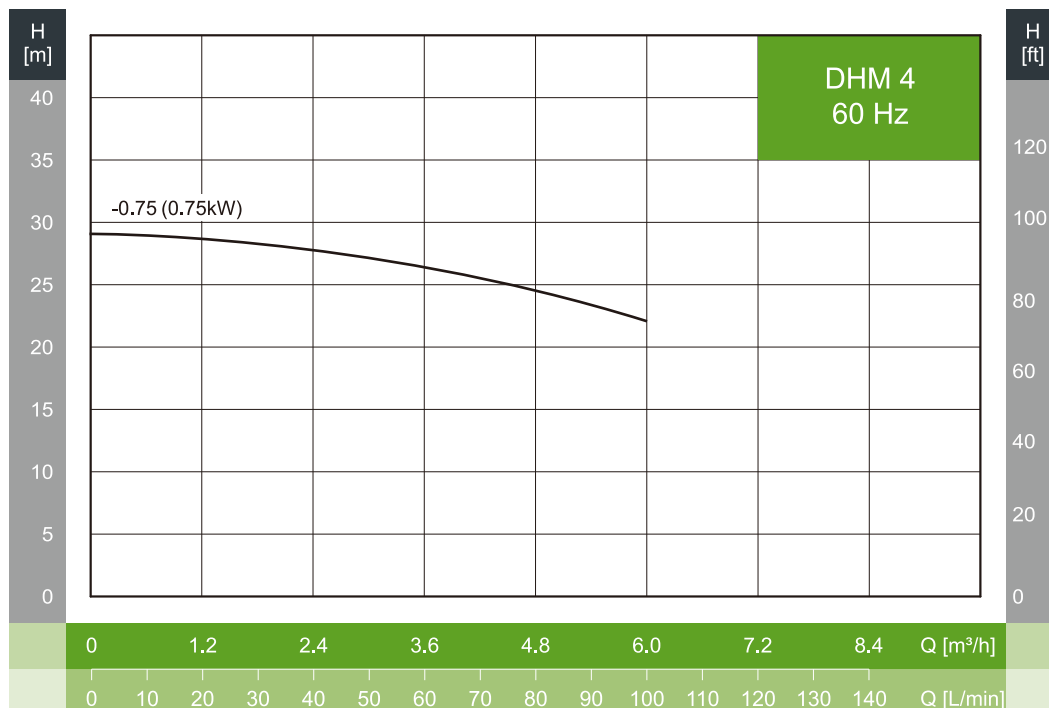
Performance Range



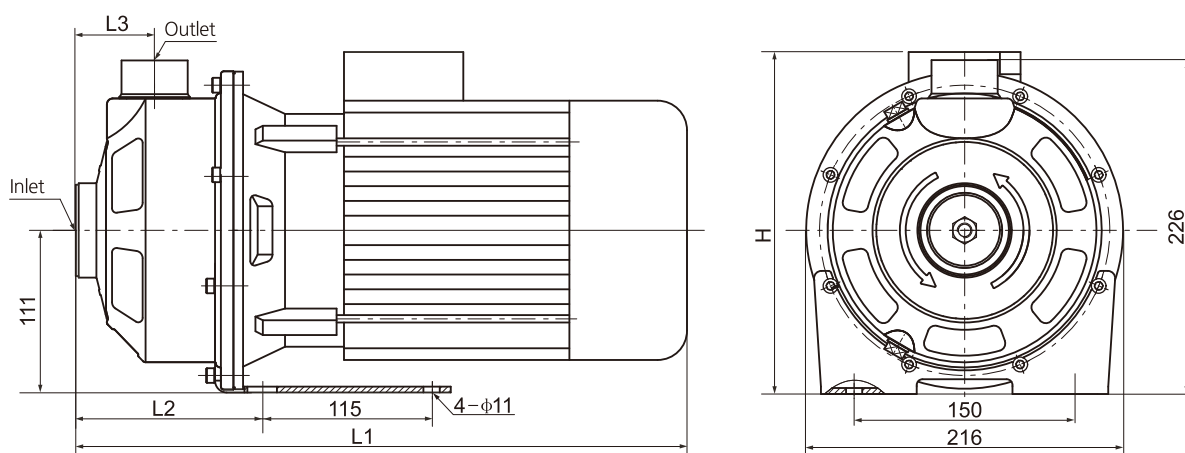
Specification

Description	DHM4	DHM6	DHM10	DHM15	DHM20
Rated Flow [m³/h]	4	6	10	15	20
Flow Range [m³/h]	1.2-6	2.4-8.4	6-18	7.2-21	8.4-24
Max. operation pressure [bar]	8				
Motor Power [kW]	0.75	0.75-1.5	1.1-2.2	1.1-2.2	1.5-2.2
Liquid Temperature [°C]	-10 ~ 85°C				
Ambient Temperature [°C]	Max. 40°C				
Pump Type	Horizontal Single Stage Pump				
Inlet Diameter	32A	32A	40A	40A	50A
Outlet Diameter	25A	25A	32A	32A	32A

Performance Curve



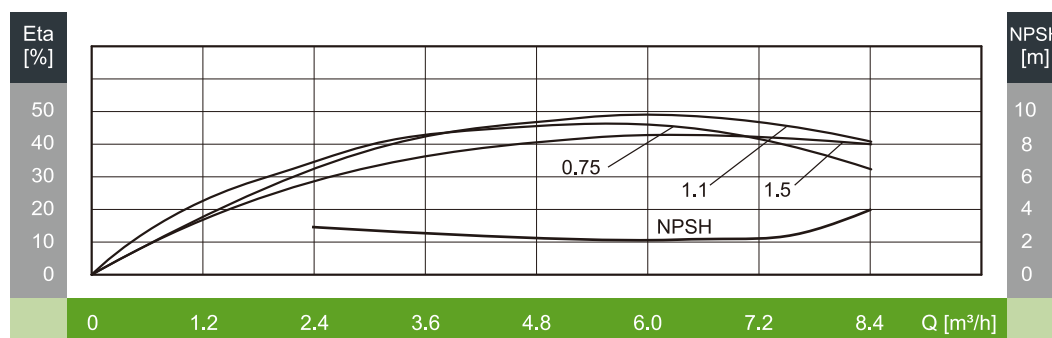
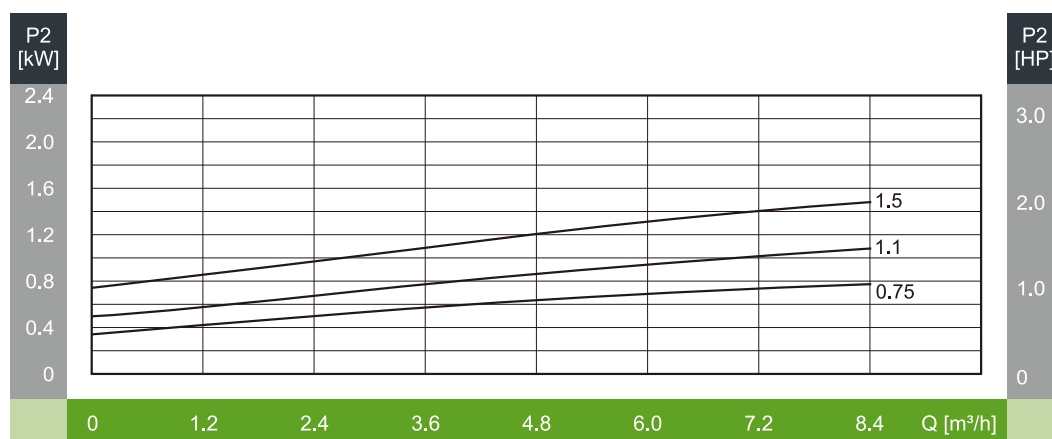
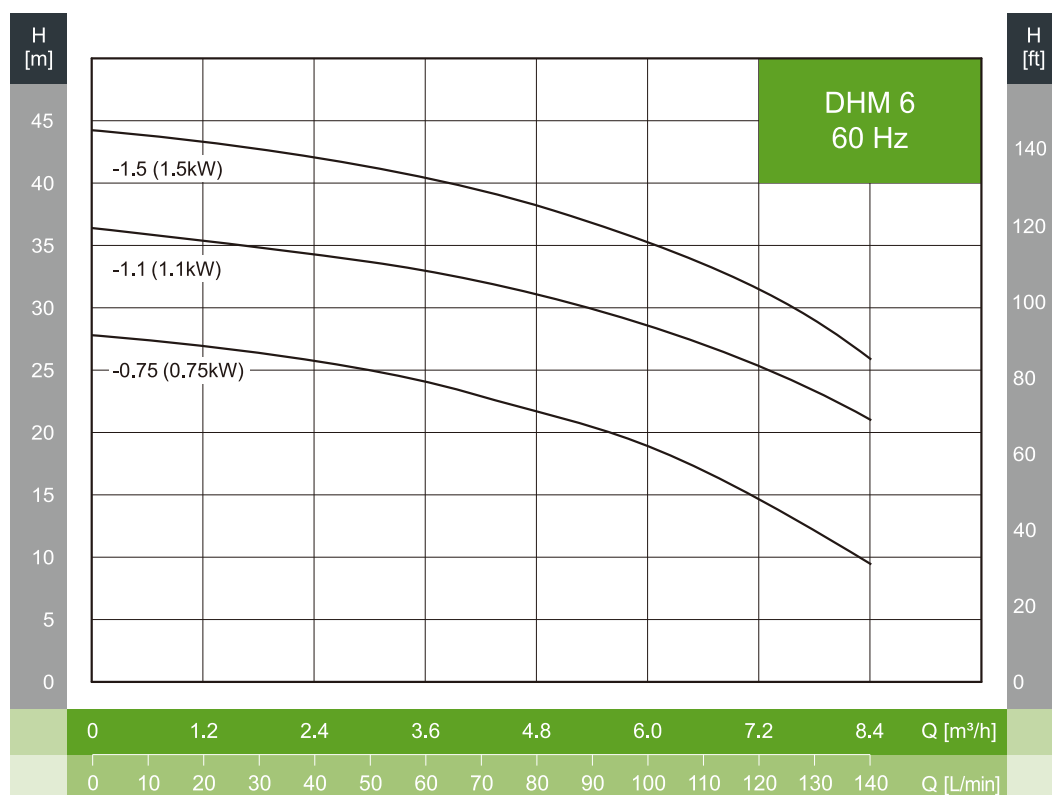
Outline Drawing



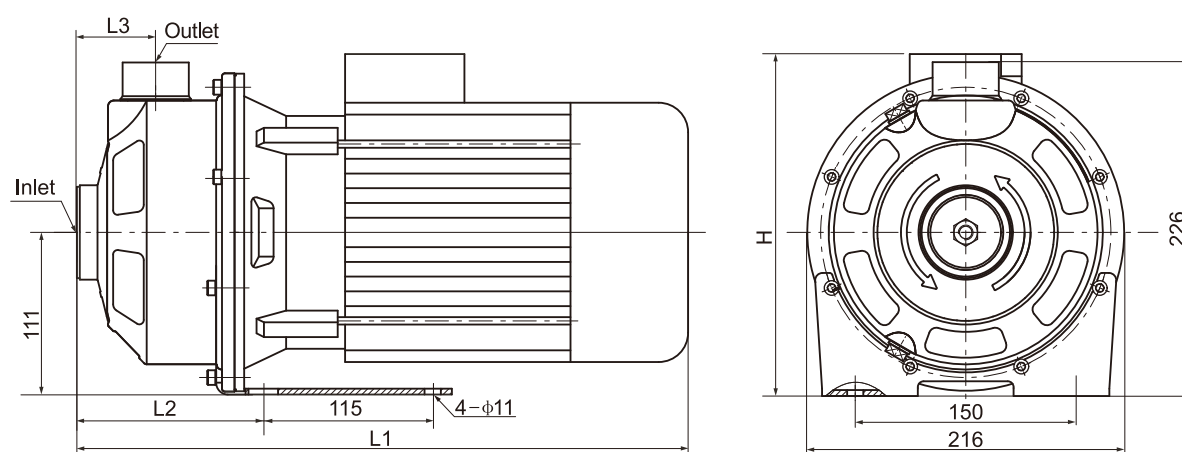
Dimension / Weight

MODEL	DIAMETER		POWER		SIZE (mm)				WEIGHT (kg)
	INLET	OUTLET	kW	HP	L1	L2	L3	H	
DHM4-0.75	32A	25A	0.75	1	350.5	112.5	51	232.5	13

Performance Curve



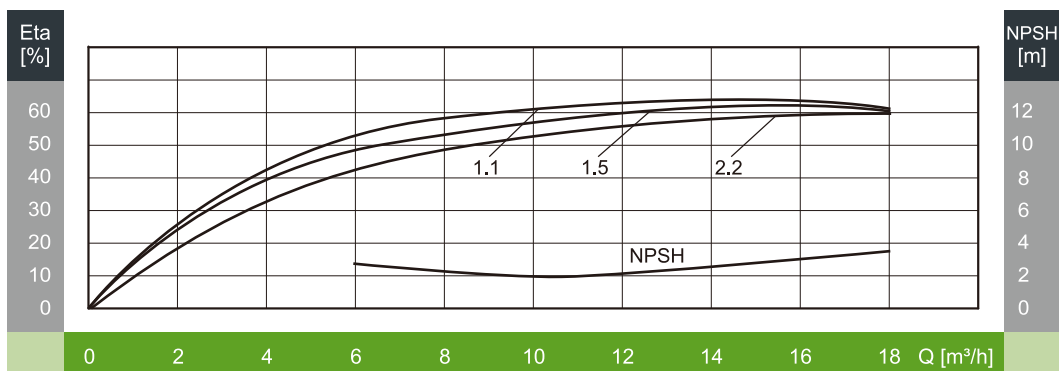
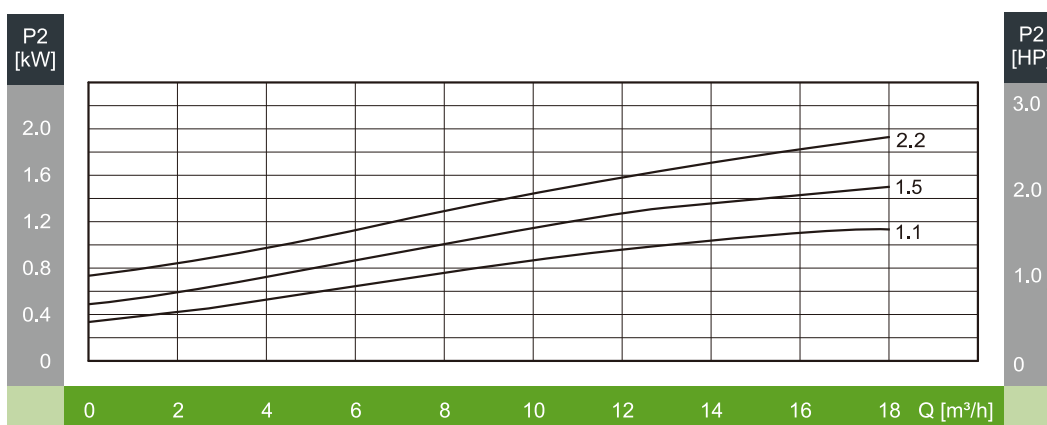
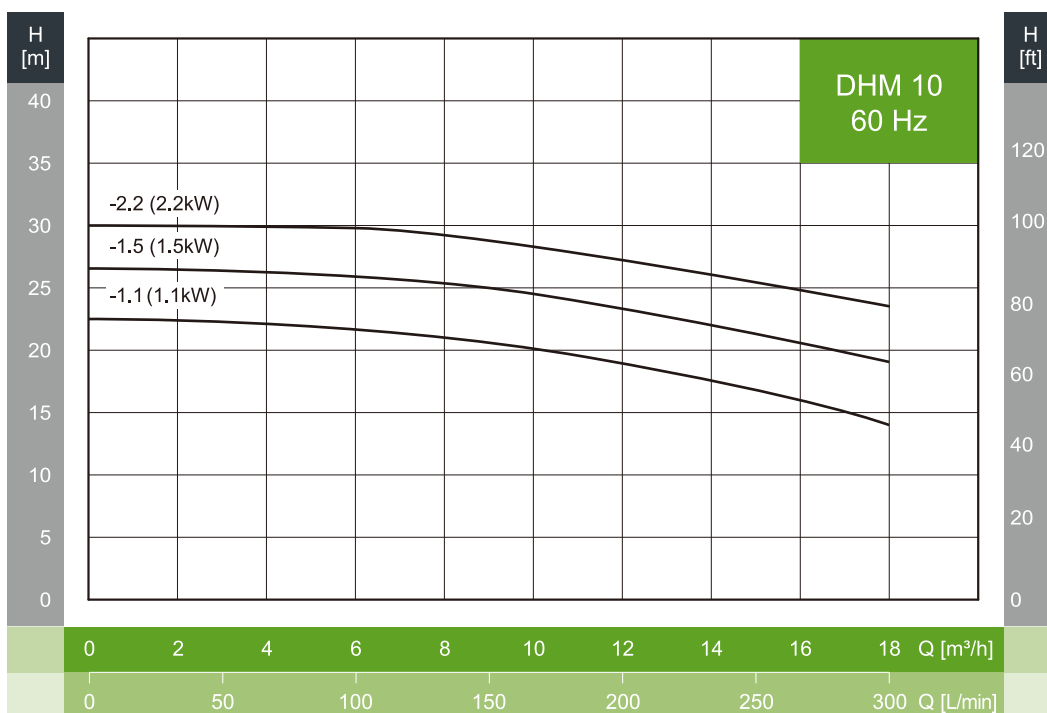
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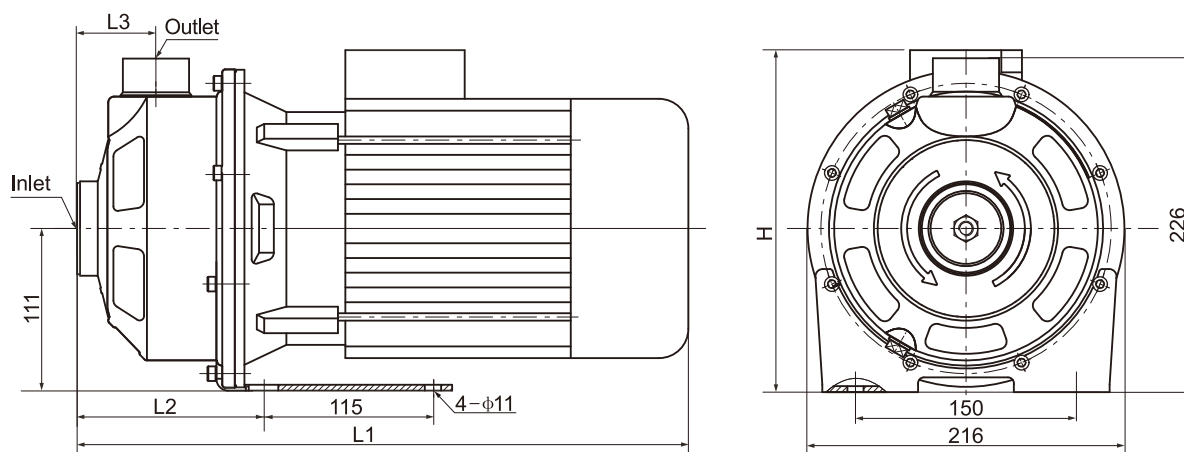
Dimension / Weight

MODEL	DIAMETER		POWER		SIZE (mm)				WEIGHT (kg)
	INLET	OUTLET	kW	HP	L1	L2	L3	H	
DHM6-0.75	32A	25A	0.75	1	350.5	112.5	51	232.5	14
DHM6-1.1	32A	25A	1.1	1.5	350.5	112.5	51	232.5	14
DHM6-1.5	32A	25A	1.5	2	391	112.5	51	248	20

Performance Curve



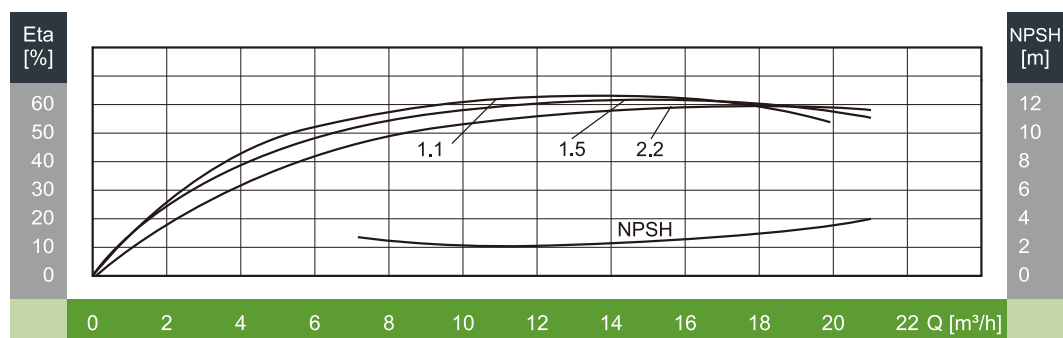
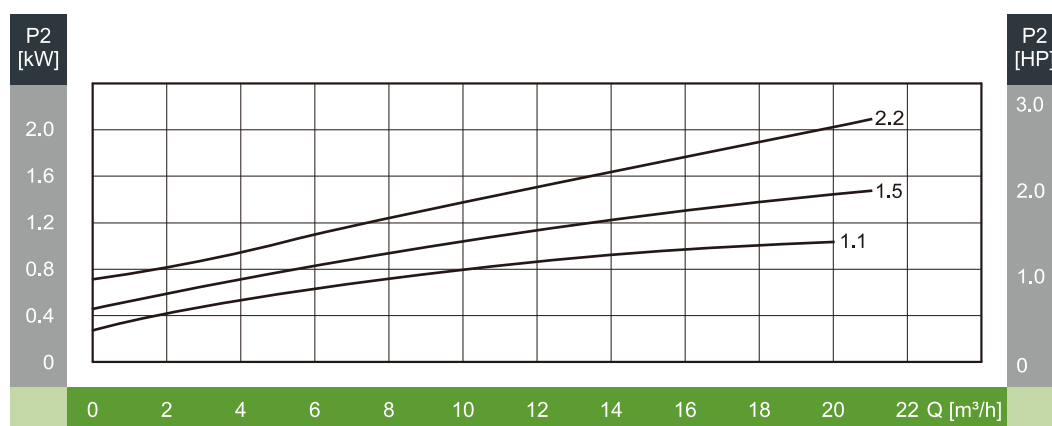
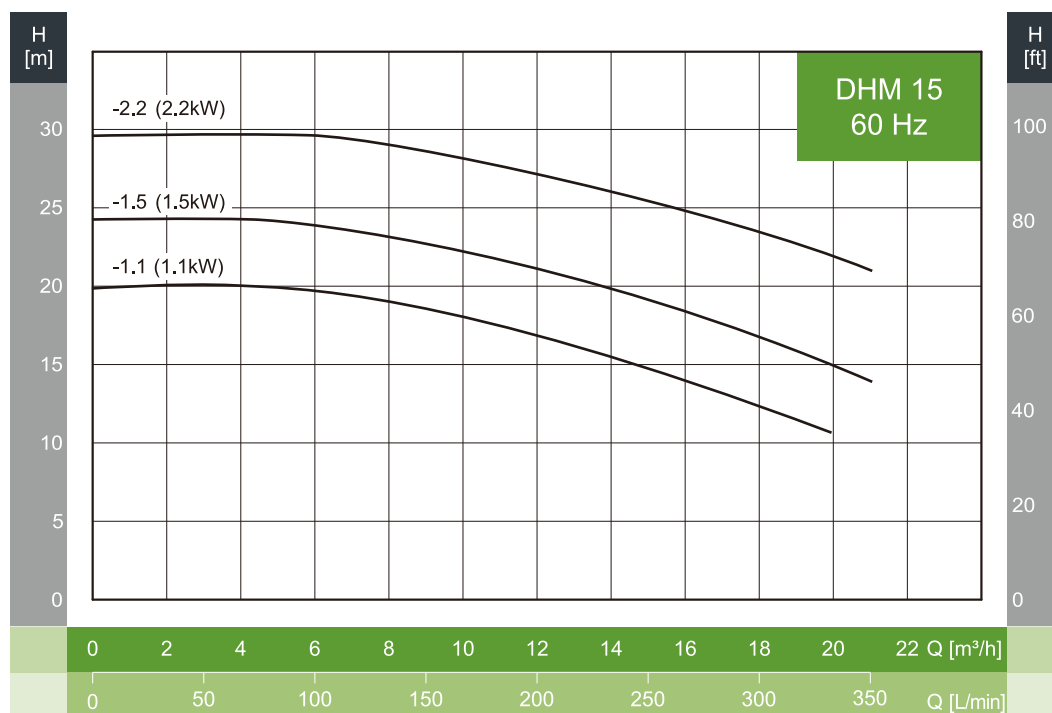
Outline Drawing



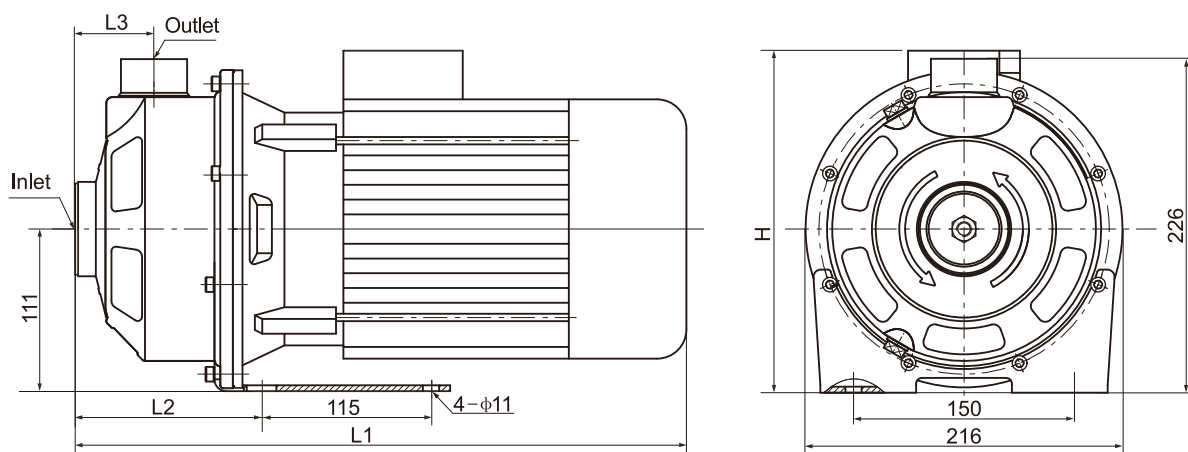
Dimension / Weight

MODEL	DIAMETER		POWER		SIZE (mm)				WEIGHT (kg)
	INLET	OUTLET	kW	HP	L1	L2	L3	H	
DHM10-1.1	40A	32A	1.1	1.5	365	127	54	232.5	16
DHM10-1.5	40A	32A	1.5	2	405.5	127	54	248	20
DHM10-2.2	40A	32A	2.2	3	405.5	127	54	248	23

Performance Curve



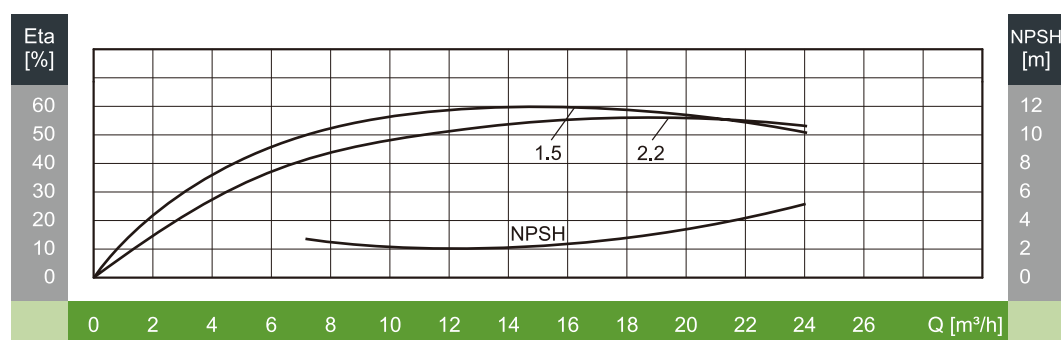
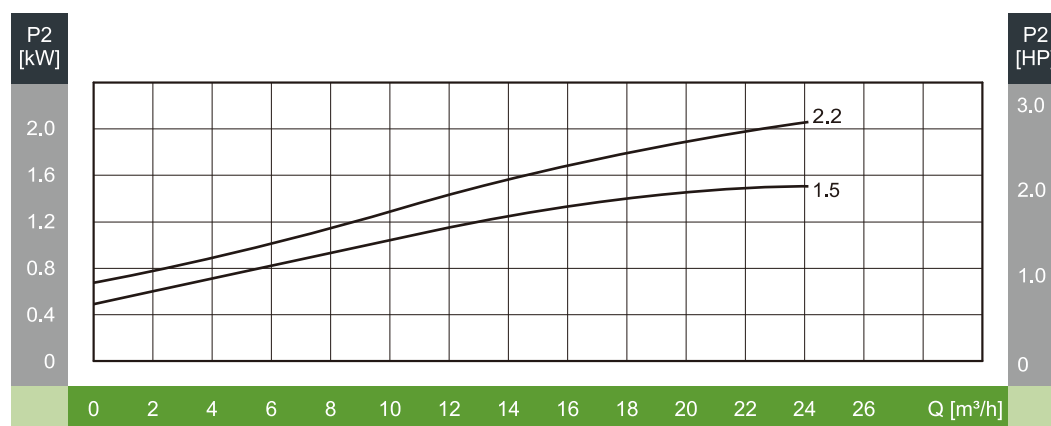
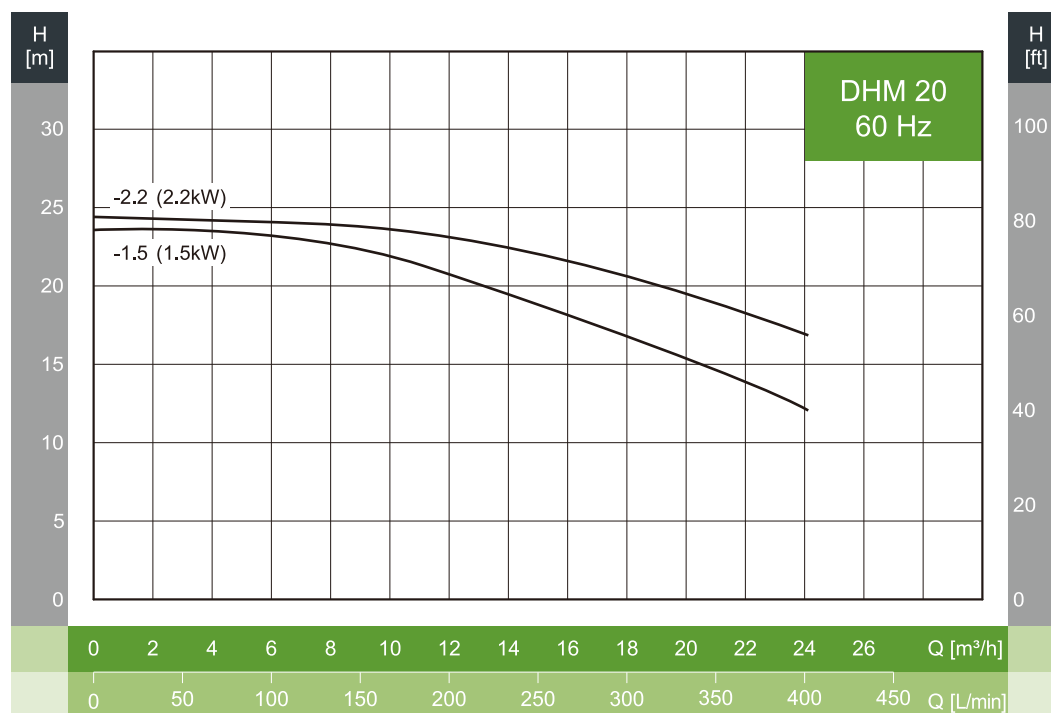
Outline Drawing



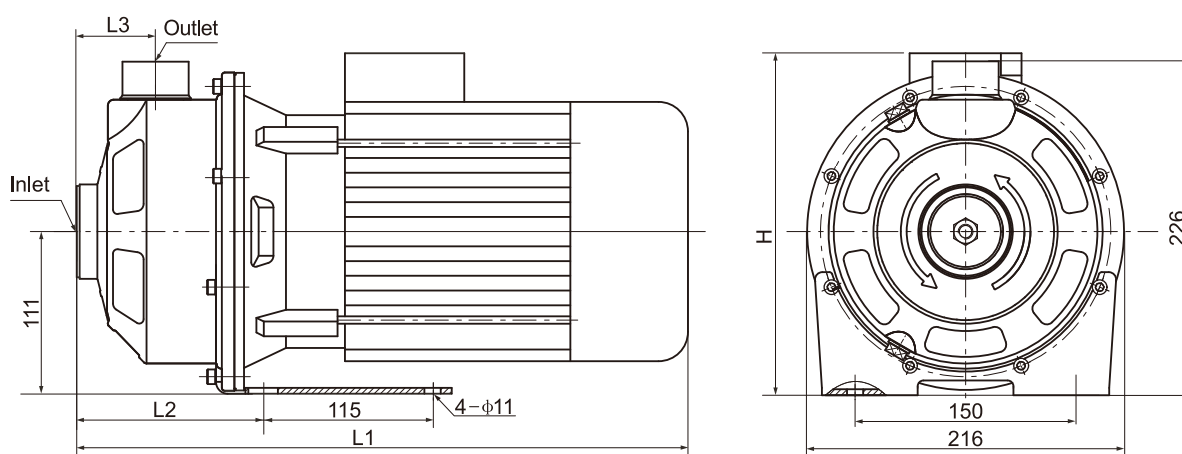
Dimension / Weight

MODEL	DIAMETER		POWER		SIZE (mm)				WEIGHT (kg)
	INLET	OUTLET	kW	HP	L1	L2	L3	H	
DHM15-1.1	40A	32A	1.1	1.5	365	127	54	232.5	16
DHM15-1.5	40A	32A	1.5	2	405.5	127	54	248	20
DHM15-2.2	40A	32A	2.2	3	405.5	127	54	248	23

Performance Curve



Outline Drawing



Dimension / Weight

MODEL	DIAMETER		POWER		SIZE (mm)				WEIGHT (kg)
	INLET	OUTLET	kW	HP	L1	L2	L3	H	
DHM20-1.5	50A	32A	1.5	2	405.5	127	54	248	20
DHM20-2.2	50A	32A	2.2	3	405.5	127	54	248	23