

SQ2-DHM Series

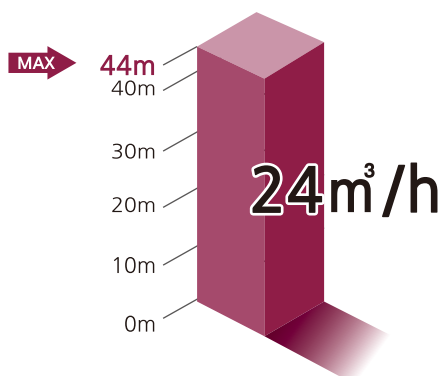


SQ2-DHM Series

INDIVIDUAL INVERTER HORIZONTAL PUMP

Specification

- Max. Flow(Q) : 24m³/h
- Max. Head(H) : 44m
- Motor Power : 0.75~2.2kW (1~3HP)
- Input Power : 1PH 200V~230V / 60Hz (1~3HP)



SQ2-DHM Series

SQ2-DHM series is built on the basis of DHM pumps. The main difference between the DHM and the SQ2-DHM series is the variable frequency drive. Enhanced with the SQ2-Drive, SQ2-DHM series with the appropriate sensor is turned into an intelligent, variable speed pumping system. The SQ2-Drive adjust the motor speed which in turn provides constant pressure or differential pressure to the flow rate.

Functions

- Control Mode - Pressure/ differential pressure
- Set the setting pressure
- Dry-running and freeze protection
- Automatic flowless sensor
- Automatic recovery after power failure Inverter
- Pump protection
- FND - Status monitoring

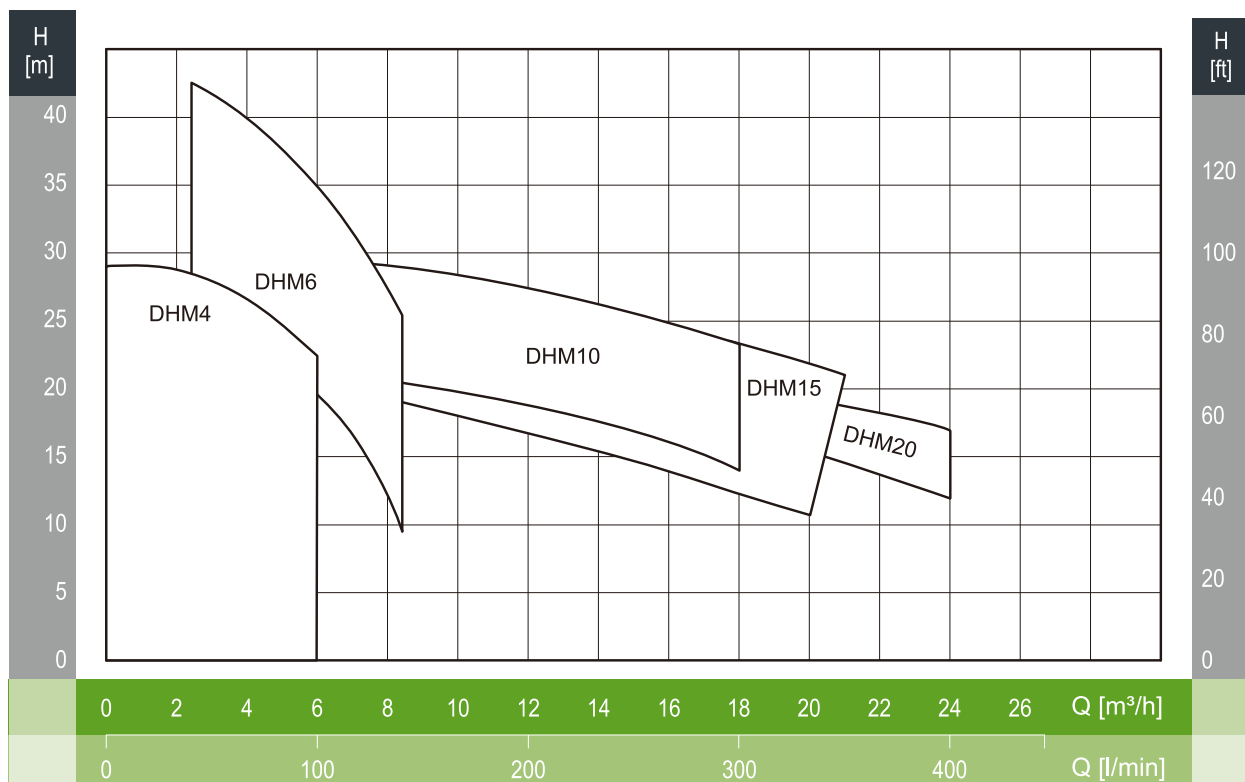
Features

- Each pump is individually controlled by a SQ2 drive
- High reliability (Multi-master control)
- Constant discharge pressure
- Less wear of the system during operation
- Compact assembly and installation

Applications

- Pressure boosting systems
- Domestic water supply systems
- Cooling systems
- Air-conditioning systems
- Small industrial water supply systems
- Horticultural irrigation systems

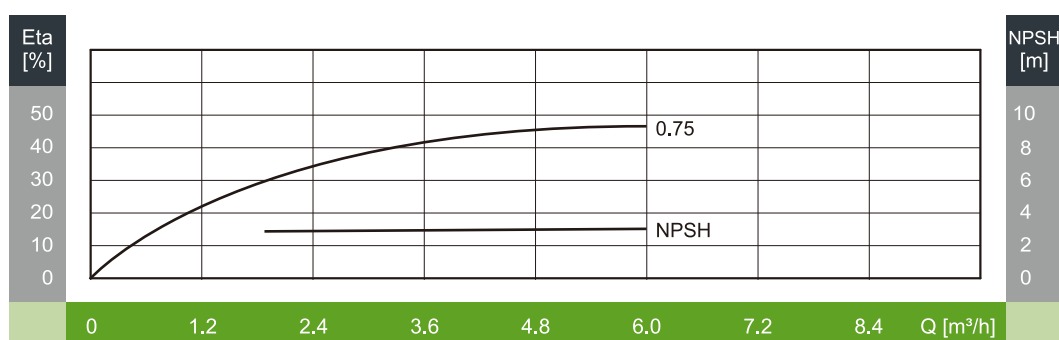
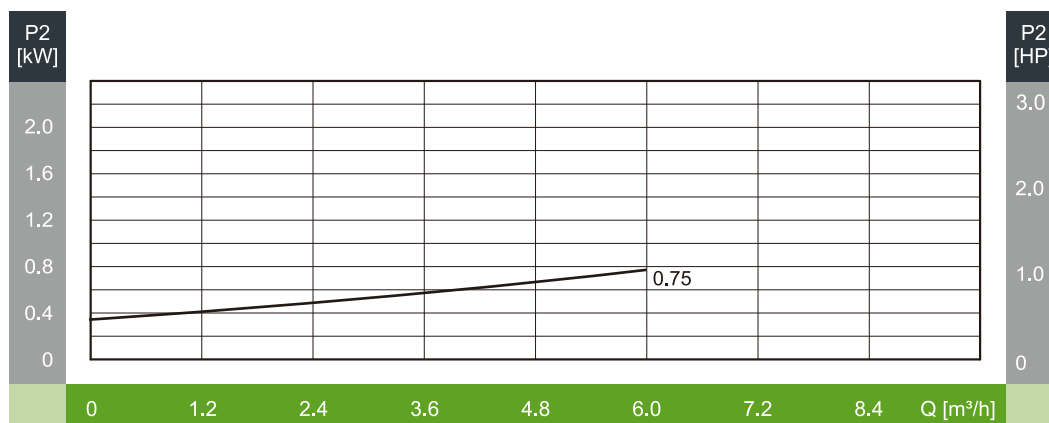
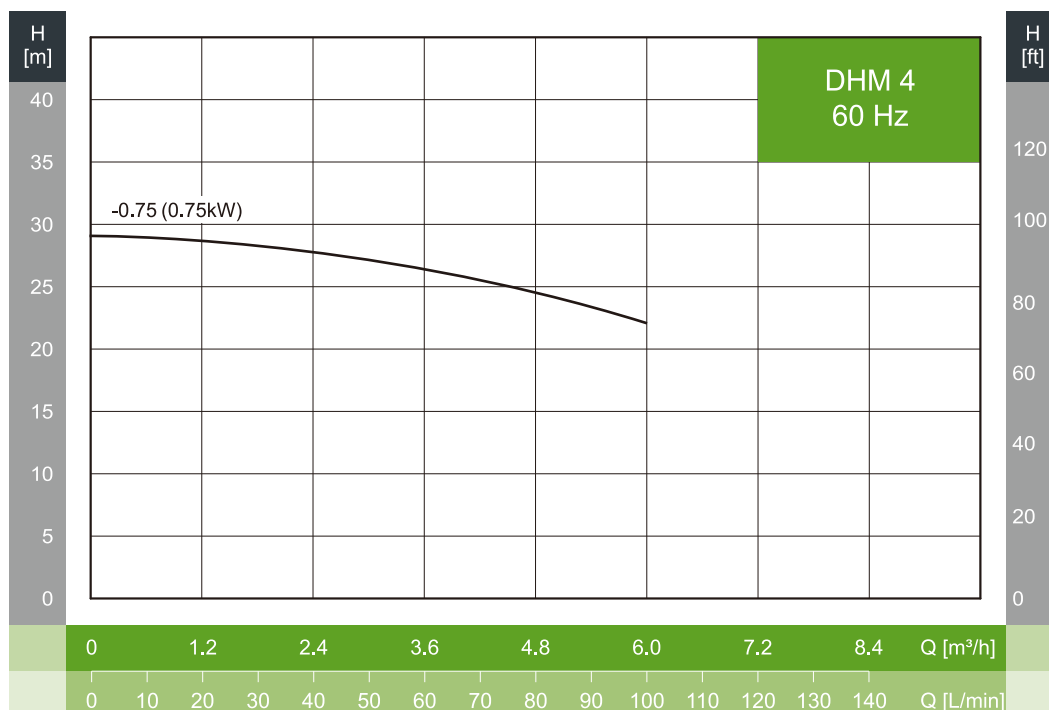
Performance Range



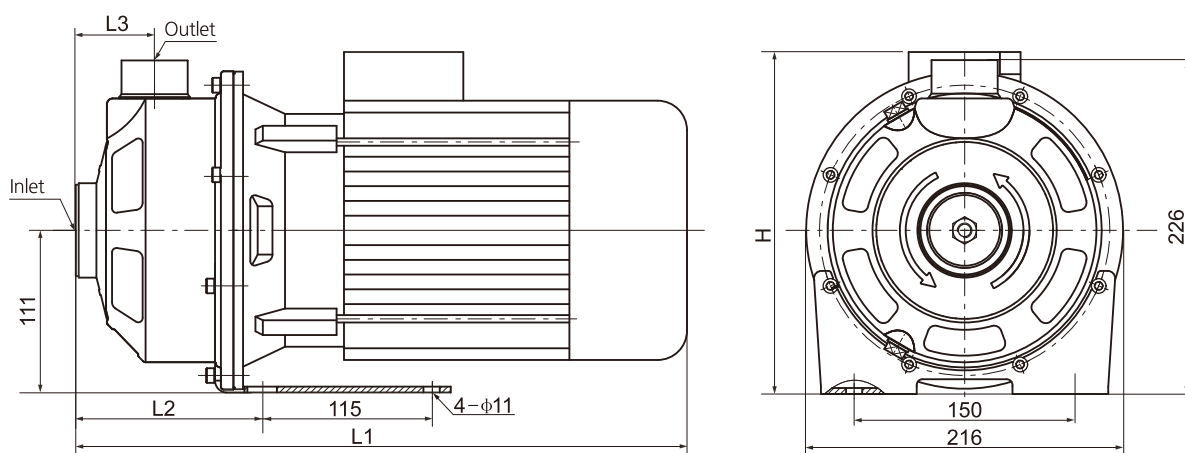
Specification

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



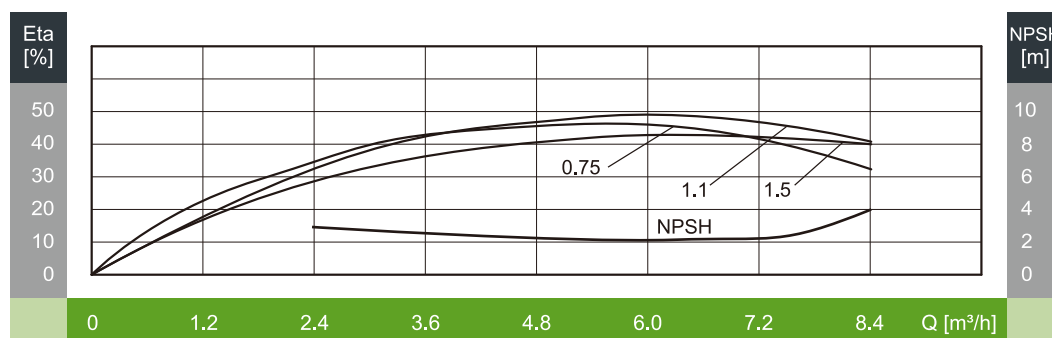
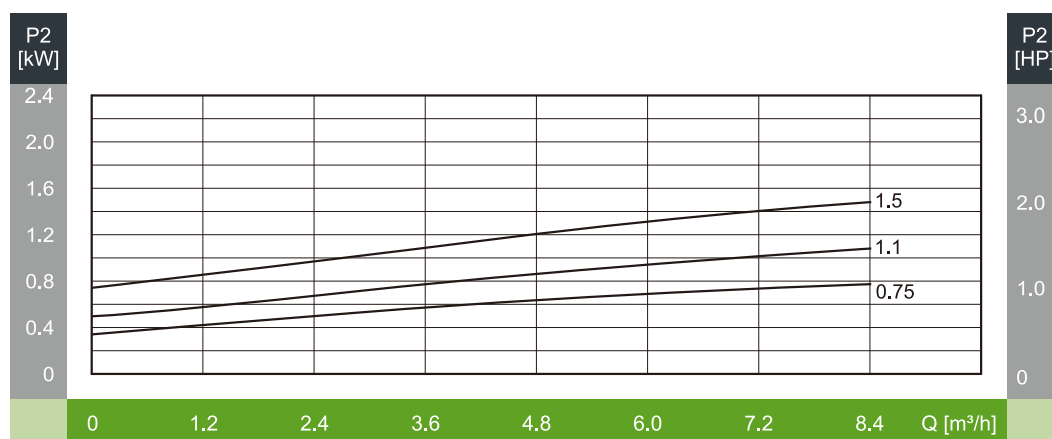
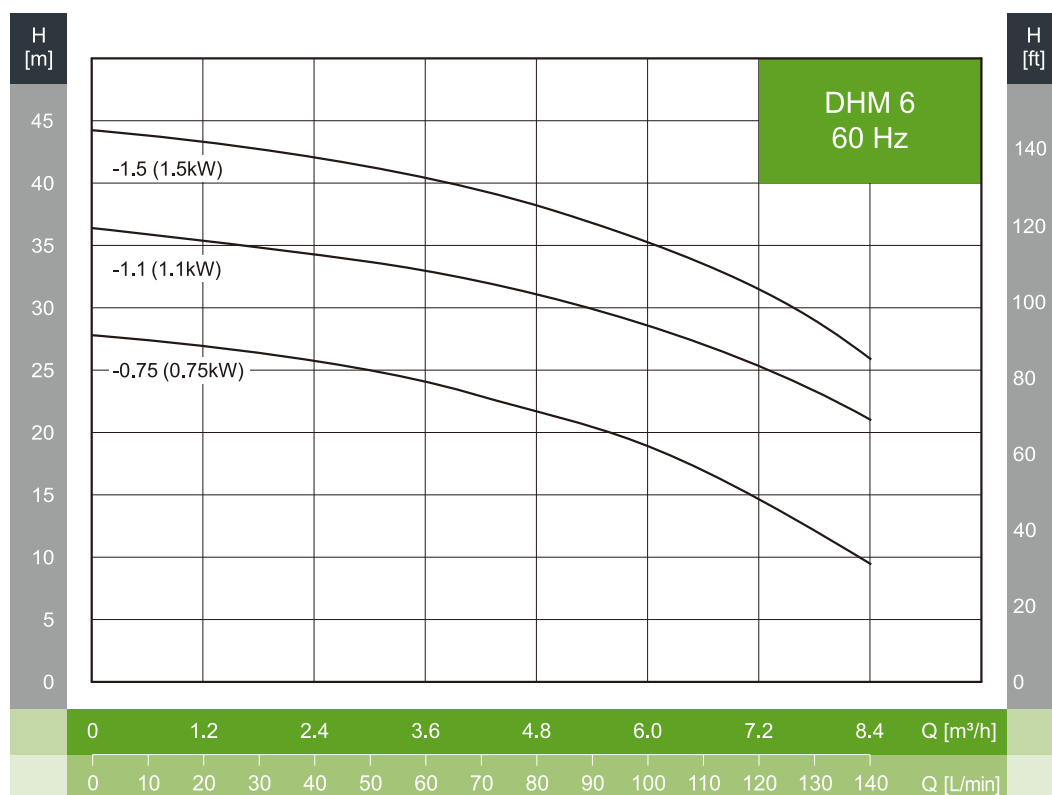
Outline Drawing



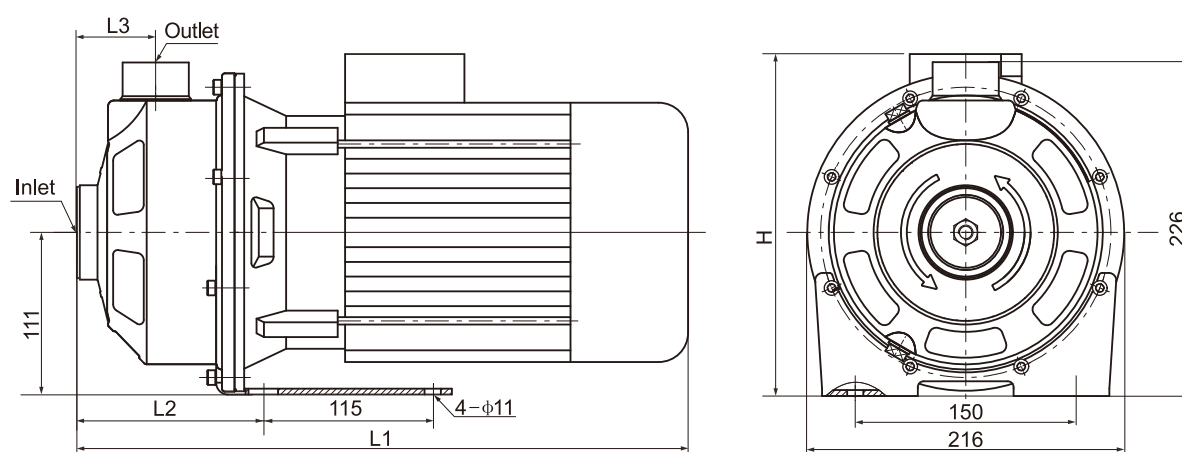
Dimension / Weight

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



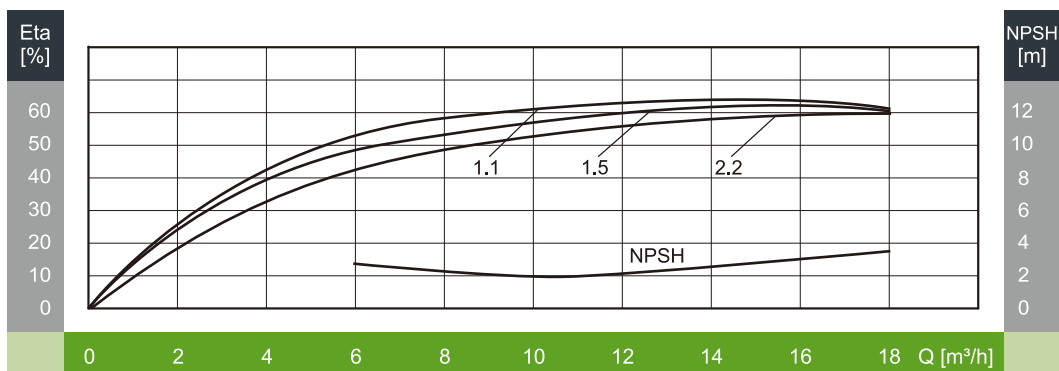
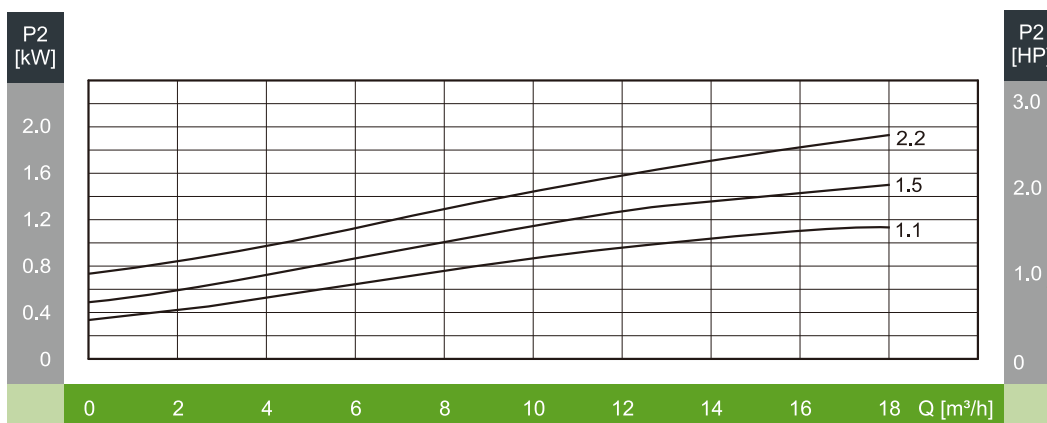
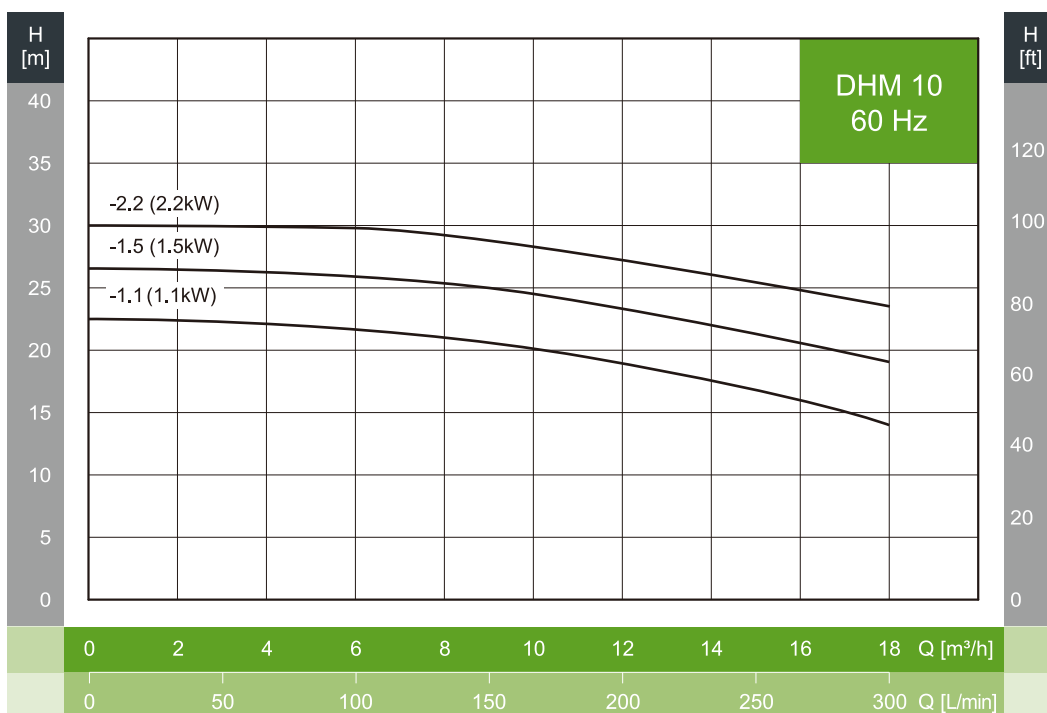
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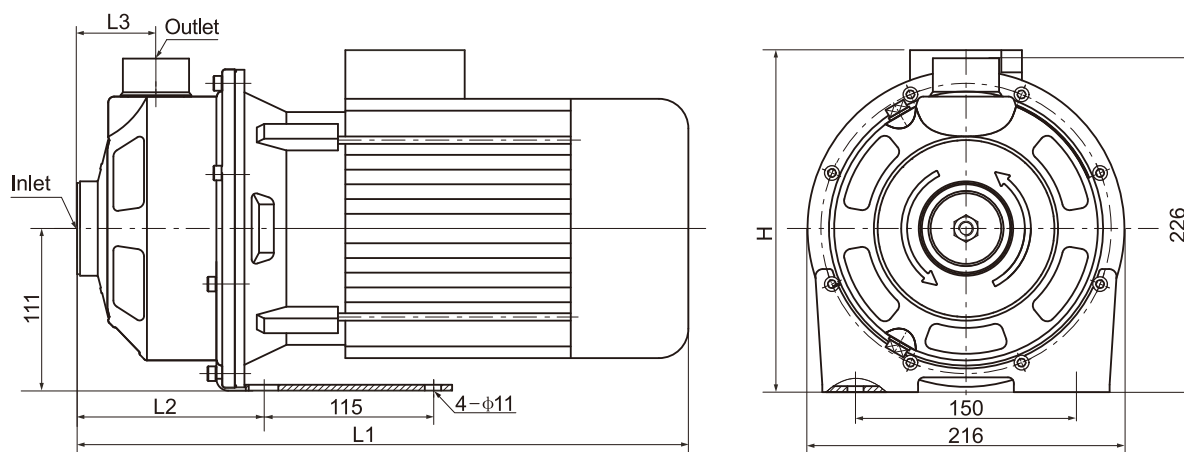
Dimension / Weight

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



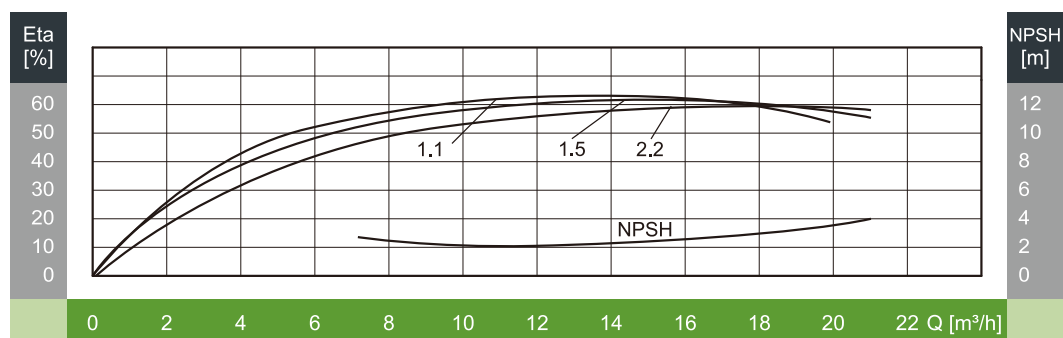
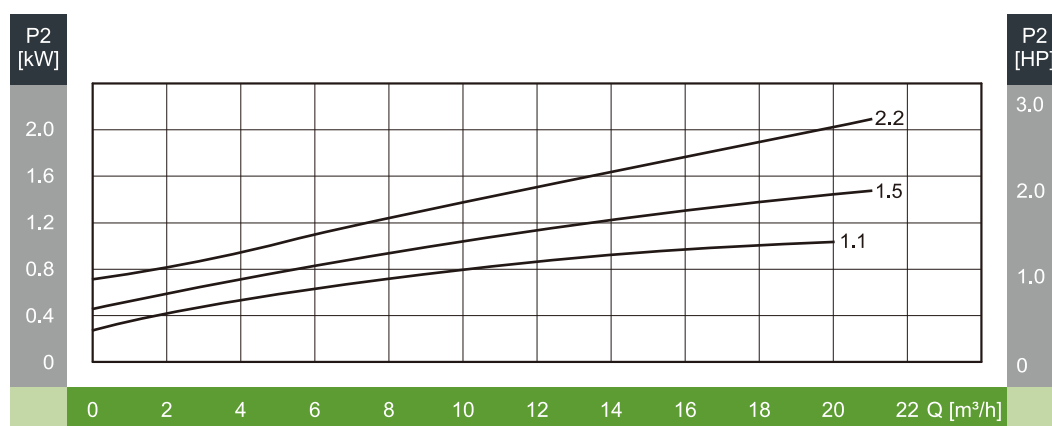
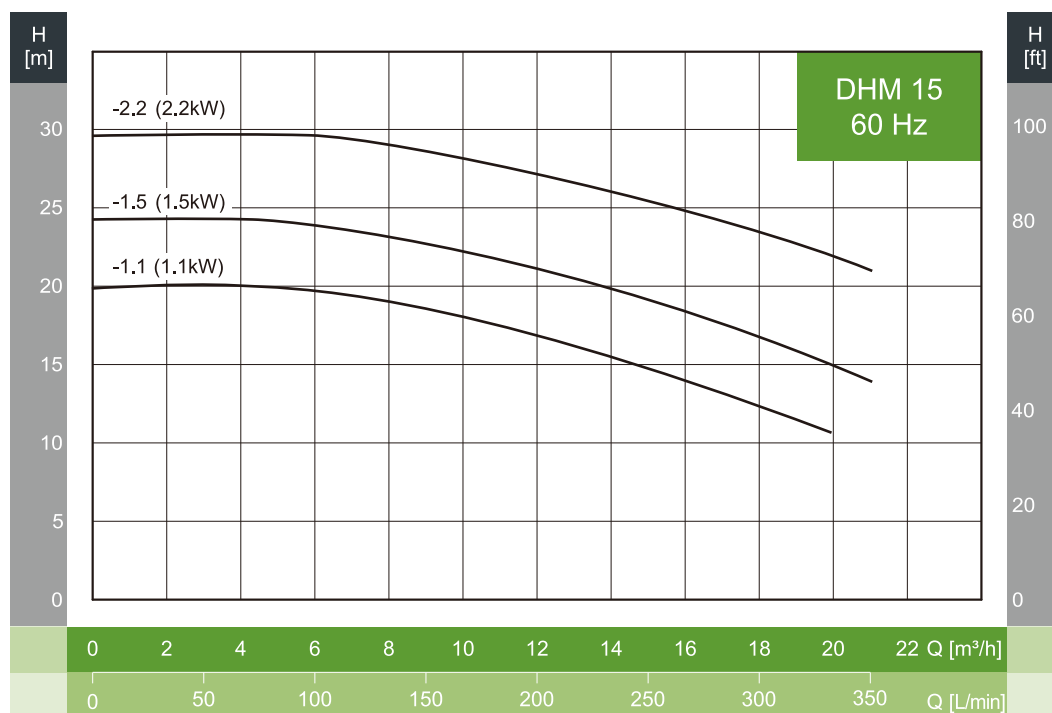
Outline Drawing



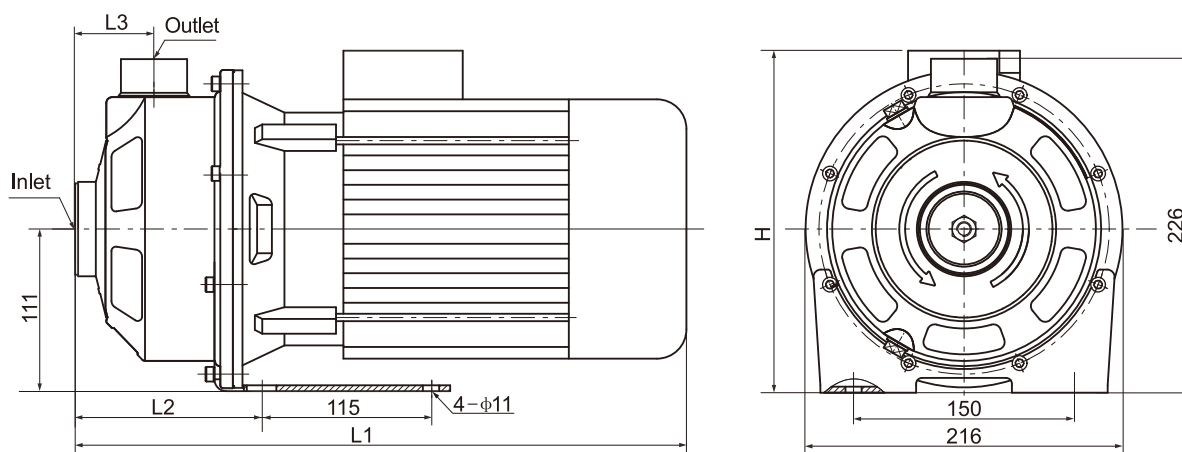
Dimension / Weight

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



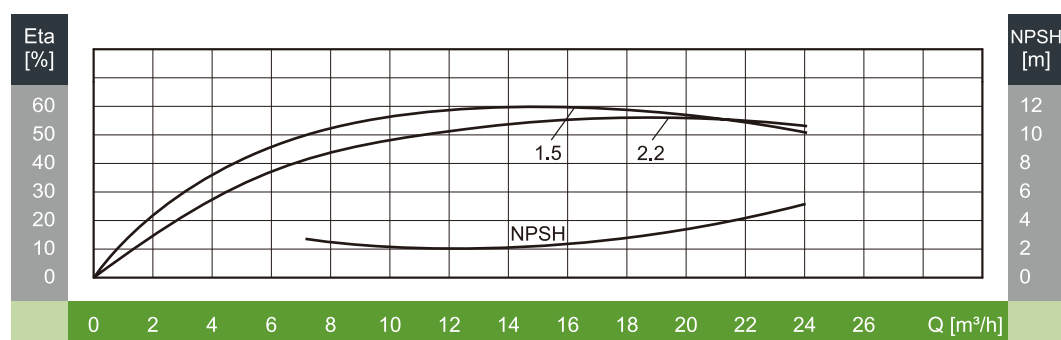
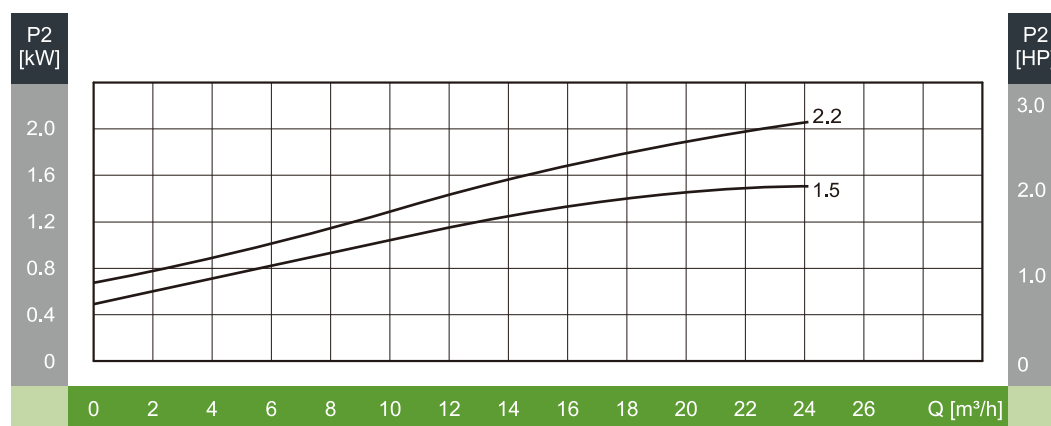
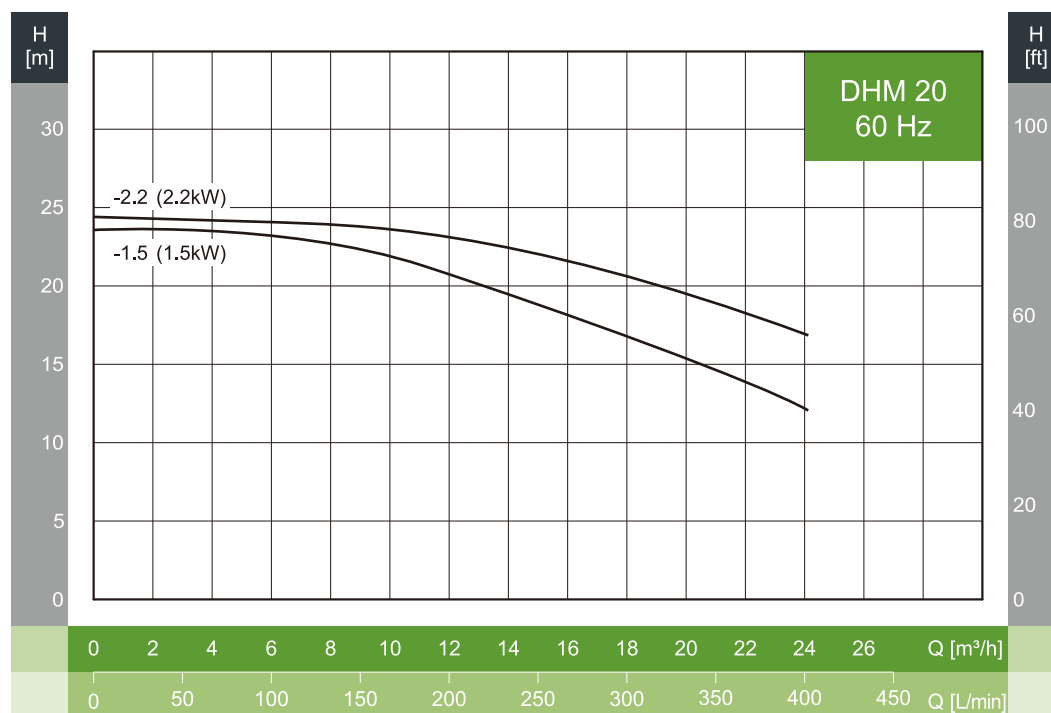
Outline Drawing



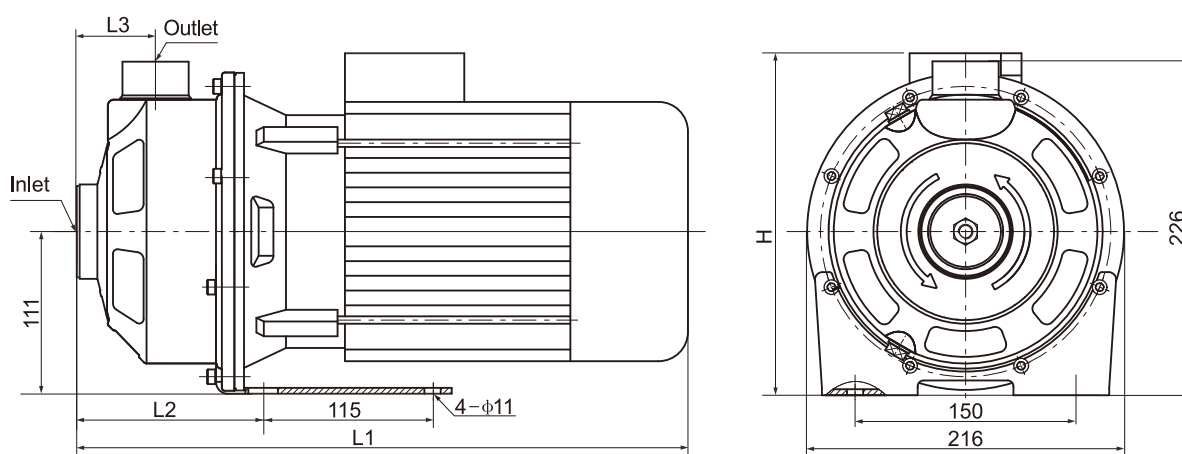
Dimension / Weight

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